

Rectangular connectors

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Circular connectors

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EPIC®

Industrial connectors



Rectangular connectors

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EPIC® STA inserts		EPIC® MCR 10	485	EPIC® H-A 32 SDR-BO	518
EPIC® STA 6 Screw termination	453	EPIC® MCR 16	485	EPIC® H-A 32 SDRL-BO	518
EPIC® STA 6 Solder termination	453	EPIC® MCR 24	485	EPIC® H-A 32 TBF	518
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EPIC® STA 20 Screw termination	455	contacts-on-reel	486	EPIC® H-A 48 TS	519
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EPIC® H-Q 5	456	EPIC® H-D 1.6 machined contacts	487	EPIC® H-A 48 SGRL	520
EPIC® H-D 8	456	EPIC® Tools for contacts H-D 1.6		EPIC® ULTRA H-B 6	
EPIC® H-D Inserts		machined	487	EPIC® ULTRA H-B 6 TG LB	New 521
EPIC® H-D 7 machined	457	EPIC® H-D 1.6 stamped contacts	488	EPIC® ULTRA H-B 6 TS LB	New 521
EPIC® H-D 7 stamped	457	EPIC® Tools for contacts H-D 1.6 stamped	488	EPIC® ULTRA H-B 6 AG LB	New 522
EPIC® H-D 15 machined	458	EPIC® H-D 1.6 stamped contacts-on-reel	489	EPIC® ULTRA H-B 6 SGR LB	New 522
EPIC® H-D 15 stamped	458	EPIC® Tools for contacts-on-reel H-D 1.6		EPIC® ULTRA H-B 10	
EPIC® H-D 25 machined	459	stamped	489	EPIC® ULTRA H-B 10 TS QB	New 523
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EPIC® H-DD 24	462	EPIC® MC 2.5 stamped contacts	492	EPIC® ULTRA H-B 24 AG QB	New 525
EPIC® H-DD 42	462	EPIC® Tools for contacts MC 2.5 stamped	492	EPIC® H-B 6 Housings	
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EPIC® H-BE 6 Screw termination	465	machined	494	EPIC® H-B 6 AD-LB	527
EPIC® H-BE 6 Crimp termination	465	EPIC® MC Coax-Contacts	495	EPIC® H-B 6 SGR-LB	528
EPIC® H-BE 6 Cage clamp	465	EPIC® Tools for contacts MC Coax	495	EPIC® H-B 6 SGRL-LB	528
EPIC® H-BE 10 Screw termination	466	EPIC® H-Q contacts, tools, accessories		EPIC® H-B 6 SGRH-LB	528
EPIC® H-BE 10 Crimp termination	466	EPIC® H-Q Contacts	New 496	EPIC® H-B 6 SGRLH-LB	529
EPIC® H-BE 10 Cage clamp	466	EPIC® H-Q Cable Glands	496	EPIC® H-B 6 SDR-LB	529
EPIC® H-BE 16 Screw termination	467	EPIC® H-Q Accessories	496	EPIC® H-B 6 SDRL-LB	529
EPIC® H-BE 16 Crimp termination	467	EPIC® H-A 3 Housings		EPIC® H-B 6 SDRH-LB	530
EPIC® H-BE 16 Cage clamp	467	EPIC® H-A 3 Hood Metal straight entry	497	EPIC® H-B 6 SDRLH-LB	530
EPIC® H-BE 24 Screw termination	468	EPIC® H-A 3 Hood Thermoplastic		EPIC® H-B 6 TBF-LB	531
EPIC® H-BE 24 Crimp termination	468	straight entry	497	EPIC® H-B 6 TBFH-LB	531
EPIC® H-BE 24 Cage clamp	468	EPIC® H-A 3 Hood Metal side entry	498	EPIC® H-B 10 Housings	
EPIC® H-BE 32 Screw termination	469	EPIC® H-A 3 Hood Thermoplastic		EPIC® H-B 10 TG-RO	532
EPIC® H-BE 32 Crimp termination	469	side entry	498	EPIC® H-B 10 TGH-RO	532
EPIC® H-BE 32 Cage clamp	469	EPIC® H-A 3 Panel Mount Base (straight)	499	EPIC® H-B 10 TS-RO	532
EPIC® H-BE 48 Screw termination	470	EPIC® H-A 3 Panel Mount Base with cover	499	EPIC® H-B 10 TSH-RO	533
EPIC® H-BE 48 Crimp termination	470	EPIC® H-A 3 Panel Mount Base (angled)	499	EPIC® H-B 10 TG	533
EPIC® H-BE 48 Cage clamp	470	EPIC® H-A 3 Surface Mount Base	500	EPIC® H-B 10 TGH	533
EPIC® H-EE Inserts		EPIC® H-A 3 Surface Mount Base		EPIC® H-B 10 TGB	534
EPIC® H-EE 10	471	(open bottom)	500	EPIC® H-B 10 TGBH	534
EPIC® H-EE 18	471	EPIC® H-A 3 Cable Coupler Hood metal		EPIC® H-B 10 TS	534
EPIC® H-EE 32	472	(straight entry)	501	EPIC® H-B 10 TSH	535
EPIC® H-EE 46	472	EPIC® H-A 3 Cable Coupler Hood		EPIC® H-B 10 TSB	535
EPIC® H-EE 64	473	Thermoplastic (straight entry)	501	EPIC® H-B 10 TSBH	535
EPIC® H-EE 92	473	EPIC® H-A 10 Housings		EPIC® H-B 10 AG-LB	536
EPIC® H-BS Inserts		EPIC® H-A 10 TG	502	EPIC® H-B 10 AD-LB	536
EPIC® H-BS 6	474	EPIC® H-A 10 TGH	502	EPIC® H-B 10 AG	536
EPIC® H-BS 12	474	EPIC® H-A 10 TS	503	EPIC® H-B 10 AD-BO	536
EPIC® H-BVE Inserts		EPIC® H-A 10 TSH	503	EPIC® H-B 10 AGS-LB	537
EPIC® H-BVE 3	475	EPIC® H-A 10 AG-LB	504	EPIC® H-B 10 SGR-LB	537
EPIC® H-BVE 6	475	EPIC® H-A 10 AD-LB	504	EPIC® H-B 10 SGRL-LB	537
EPIC® H-BVE 10	475	EPIC® H-A 10 SGR-LB	505	EPIC® H-B 10 SGRH-LB	538
EPIC® TB-H-BE Terminal adapter		EPIC® H-A 10 SGRL-LB	505	EPIC® H-B 10 SGRLH-LB	538
EPIC® TB-H-BE 16	476	EPIC® H-A 10 SDR-LB	506	EPIC® H-B 10 SDR-LB	538
EPIC® TB-H-BE 24	476	EPIC® H-A 10 SDRL-LB	506	EPIC® H-B 10 SDRL-LB	539
EPIC® MC Modules		EPIC® H-A 10 TBF-LB	507	EPIC® H-B 10 SDRLH-LB	539
EPIC® MC Module: High Current 1+PE	477	EPIC® H-A 10 TBFH-LB	507	EPIC® H-B 10 SGR	540
EPIC® MC Module: High Current 2pole	477	EPIC® H-A 16 Housings		EPIC® H-B 10 SGRL	540
EPIC® MC Module: High Voltage 3pole	477	EPIC® H-A 16 TG	508	EPIC® H-B 10 SGRH	540
EPIC® MC Module: High Voltage 4+PE	478	EPIC® H-A 16 TGH	508	EPIC® H-B 10 SGRLH	541
EPIC® MC Module: 3pole	478	EPIC® H-A 16 TS	509	EPIC® H-B 10 SDR-BO	541
EPIC® MC Module: HE 4pole	478	EPIC® H-A 16 TSH	509	EPIC® H-B 10 SDRL-BO	541
EPIC® MC Module: Cage clamp 4pole	479	EPIC® H-A 16 AG-LB	510	EPIC® H-B 10 SDRH-BO	542
EPIC® MC Module: 5pole	479	EPIC® H-A 16 AD-LB	510	EPIC® H-B 10 SDRLH-BO	542
EPIC® MC Module: 10pole	479	EPIC® H-A 16 SGR-LB	511	EPIC® H-B 10 TBF-LB	543
EPIC® MC Module: 10pole stamped	480	EPIC® H-A 16 SGRL-LB	511	EPIC® H-B 10 TBFH-LB	543
EPIC® MC Module: 20pole	480	EPIC® H-A 16 SDR-LB	512	EPIC® H-B 10 TBF	543

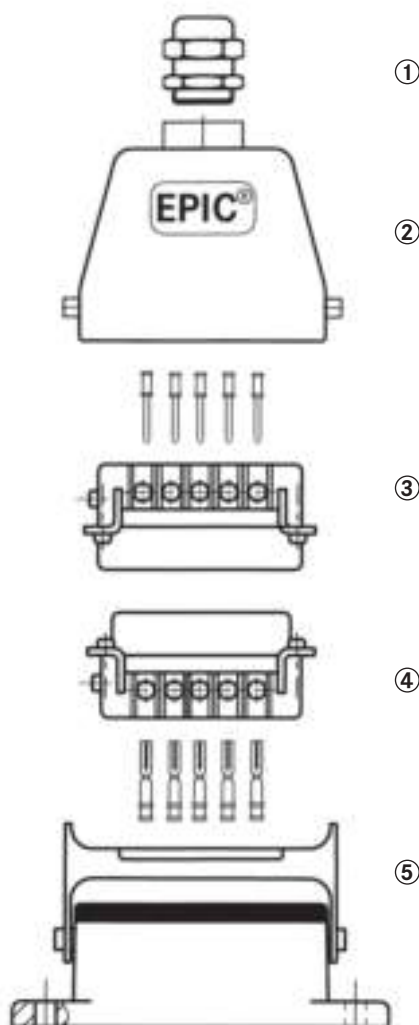
EPIC® H-B 10 TBFH	544	EPIC® H-B 48 TG	576	EPIC® ZYLIN R 3.0	
EPIC® H-B 16 Housings		EPIC® H-B 48 TS	576	EPIC® ZYLIN R 3.0 D PG16	611
EPIC® H-B 16 TG-RO	545	EPIC® H-B 48 AG-LB	577	EPIC® ZYLIN R 3.0 F PG16	611
EPIC® H-B 16 TGH-RO	545	EPIC® H-B 48 AD-LB	577	EPIC® ZYLIN R 3.0 A	611
EPIC® H-B 16 TS-RO	545	EPIC® H-B 48 SGR-LB	577	EPIC® ZYLIN R 3.0 B1	612
EPIC® H-B 16 TSH-RO	546	EPIC® H-B 48 SGRL-LB	578	EPIC® ZYLIN R 3.0 B2	612
EPIC® H-B 16 TG	546	EPIC® H-B 48 SDR-LB	578	EPIC® ZYLIN R 3.0 G1	612
EPIC® H-B 16 TG 2X	546	EPIC® H-B 48 SDRL-LB	578	EPIC® ZYLIN R3.0 tools, accessories	
EPIC® H-B 16 TGH	547	EPIC® Housing accessories		EPIC® ZYLIN R 3.0 Tools	613
EPIC® H-B 16 TGH 2X	547	EPIC® QUICK & EASY Mounting system	579	EPIC® ZYLIN R 3.0 Accessories	613
EPIC® H-B 16 TGB	548	EPIC® QUICK & EASY Accessories	579	EPIC® CIRCON LS1	
EPIC® H-B 16 TGBH	548	EPIC® Flat gaskets for housings		EPIC® LS1 A1 6 contacts	614
EPIC® H-B 16 TS	548	H-A und H-B	580	EPIC® LS1 A3 6 contacts	614
EPIC® H-B 16 TSH	549	EPIC® Fixing screws	580	EPIC® LS1 G5 6 contacts	615
EPIC® H-B 16 TSB	549	EPIC® Coding parts	580	EPIC® LS1 A6 6 contacts	615
EPIC® H-B 16 TSBH	549	EPIC® Protective cover H-A 3	581	EPIC® LS1 D6 6 contacts	616
EPIC® H-B 16 AG-LB	550	EPIC® Protective cover H-A	581	EPIC® LS1 D6 6 contacts (short)	616
EPIC® H-B 16 AD-LB	550	EPIC® Protective cover H-B	581	EPIC® LS1 F6 6 contacts	617
EPIC® H-B 16 AG	550	EPIC® Cover plates	582	EPIC® LS1 F7 6 contacts	617
EPIC® H-B 16 AD-BO	551	EPIC® Adapter plates for 1 D-Sub insert	582	EPIC® LS1 A1 8 contacts	618
EPIC® H-B 16 SGR-LB	551	EPIC® Adapter plates for 2 D-Sub inserts	582	EPIC® LS1 A3 8 contacts	618
EPIC® H-B 16 SGRL-LB	551	EPIC® Locking levers	582	EPIC® LS1 G5 8 contacts	619
EPIC® H-B 16 SGRH-LB	552	EPIC® Rectangular Kits		EPIC® LS1 A6 8 contacts	619
EPIC® H-B 16 SGRLH-LB	552	EPIC® H-A 3 Kits Thermoplastic	583	EPIC® LS1 D6 8 contacts	620
EPIC® H-B 16 SDR-LB	552	EPIC® H-A 3 Kits Metal	584	EPIC® LS1 D6 8 contacts (short)	620
EPIC® H-B 16 SDRL-LB	553	EPIC® H-A 4 Kits Thermoplastic	585	EPIC® LS1 F6 8 contacts	621
EPIC® H-B 16 SDRH-LB	553	EPIC® H-A 4 Kits Metal	586	EPIC® LS1 F7 8 contacts	621
EPIC® H-B 16 SDRLH-LB	553	EPIC® H-A 10 Kits	587	EPIC® CIRCON LS1 Contacts, tools, accessories	
EPIC® H-B 16 SGR	554	EPIC® H-A 16 Kits	588	EPIC® LS1 Contacts male	622
EPIC® H-B 16 SGRL	554	EPIC® H-BE 6 Kits	589	EPIC® LS1 Contacts female	622
EPIC® H-B 16 SGRH	554	EPIC® H-BE 10 Kits	590	EPIC® LS1 Tools	622
EPIC® H-B 16 SGRLH	555	EPIC® H-BE 16 Kits	591	EPIC® LS1 Accessories	622
EPIC® H-B 16 SDR-BO	555	EPIC® H-BE 24 Kits	592	EPIC® LS1.5	
EPIC® H-B 16 SDRL-BO	555	EPIC® H-Q inserts		EPIC® LS1.5 A1	New 623
EPIC® H-B 16 SDRH-BO	556	EPIC® H-Q 4+2	New 593	EPIC® LS1.5 A3	New 623
EPIC® H-B 16 SDRLH-BO	556	EPIC® H-Q 8	New 593	EPIC® LS1.5 A6	New 624
EPIC® H-B 16 TBF-LB	557	EPIC® H-Q 17	New 593	EPIC® LS1.5 D6	New 624
EPIC® H-B 16 TBFH-LB	557	EPIC® H-Q housings		EPIC® LS1.5 F6	New 625
EPIC® H-B 16 TBF	557	EPIC® H-Q Hood Plastic	New 594	EPIC® LS1.5 Contacts, tools, accessories	
EPIC® H-B 16 TBFH	558	EPIC® H-Q Panel Base Plastic	New 594	EPIC® LS1.5 Contacts male	New 626
EPIC® H-B 24 Housings		EPIC® H-Q Panel Base		EPIC® LS1.5 Contacts female	New 626
EPIC® H-B 24 TG-RO	559	angled Plastic	New 594	EPIC® LS1.5 Tools	New 626
EPIC® H-B 24 TGH-RO	559	EPIC® H-Q Surface Mount		EPIC® LS3	
EPIC® H-B 24 TS-RO	559	Base Plastic	New 595	EPIC® LS3 A1	New 627
EPIC® H-B 24 TSH-RO	560	EPIC® H-Q Cable Coupler Plastic	New 595	EPIC® LS3 D6	New 627
EPIC® H-B 24 TG	560	EPIC® H-Q Hood Metal	New 595	EPIC® LS3 F6	New 628
EPIC® H-B 24 TG 2X	560	EPIC® H-Q Panel Base Metal	New 595	EPIC® LS3 Contacts, tools, accessories	
EPIC® H-B 24 TGH	561	EPIC® H-Q contacts, tools, accessories		EPIC® LS3 Contacts male	New 629
EPIC® H-B 24 TGH 2X	561	EPIC® H-Q Contacts	New 596	EPIC® LS3 Contacts female	New 629
EPIC® H-B 24 TGB	562	EPIC® H-Q Cable Glands	New 596	EPIC® LS3 Tools	New 629
EPIC® H-B 24 TGBH	562	EPIC® H-Q Accessories	New 596	EPIC® LS1	
EPIC® H-B 24 TS	562			EPIC® LS1 Kits 6pole	630
EPIC® H-B 24 TSH	563	Circular connectors		EPIC® LS1 Kits 8pole	631
EPIC® H-B 24 TSB	563	EPIC® CIRCON M23 Housings		EPIC® POWERLOCK CRIMP 660A	
EPIC® H-B 24 TSBH	563	EPIC® M23 A1	597	EPIC® POWERLOCK A1 C	632
EPIC® H-B 24 AG-LB	564	EPIC® M23 A1 D3,2	597	EPIC® POWERLOCK A6 C	632
EPIC® H-B 24 AD-LB	564	EPIC® M23 A3	597	EPIC® POWERLOCK D6 C	633
EPIC® H-B 24 AG	564	EPIC® M23 D6	598	EPIC® POWERLOCK F6 C	633
EPIC® H-B 24 AD-BO	564	EPIC® M23 F6	598	EPIC® POWERLOCK BOX C	634
EPIC® H-B 24 SGR-LB	565	EPIC® M23 F7	598	EPIC® POWERLOCK Contacts, tools, accessories	
EPIC® H-B 24 SGRL-LB	565	EPIC® M23 G4	599	EPIC® POWERLOCK Crimp contacts	635
EPIC® H-B 24 SGRH-LB	566	EPIC® M23 G5	599	EPIC® POWERLOCK Tools	635
EPIC® H-B 24 SGRH-LB	566	EPIC® M23 G6	599	EPIC® POWERLOCK Accessories	635
EPIC® H-B 24 SGRLH-LB	566	EPIC® M23 B1	600	EPIC® POWERLOCK SCREW 400A	
EPIC® H-B 24 SDR-LB	566	EPIC® M23 B2	600	EPIC® POWERLOCK A1 S	636
EPIC® H-B 24 SDRL-LB	567	EPIC® M23 O1	600	EPIC® POWERLOCK A6 S	636
EPIC® H-B 24 SDRH-LB	567	EPIC® M23 C2	601	EPIC® POWERLOCK D6 S	637
EPIC® H-B 24 SDRH-LB	567	EPIC® CIRCON M23 Inserts		EPIC® POWERLOCK F6 S	637
EPIC® H-B 24 SGR	568	EPIC® M23 Inserts 12 pole D-Sub	602	EPIC® POWERLOCK BOX S	638
EPIC® H-B 24 SGRL	568	EPIC® M23 Inserts 17 pole D-Sub	602	EPIC® POWERLOCK Contacts, tools, accessories	
EPIC® H-B 24 SGRH	569	EPIC® M23 Inserts 12 pole PCB-soldering	603	EPIC® POWERLOCK Screw Contacts	639
EPIC® H-B 24 SGRLH	569	EPIC® M23 Inserts 17 pole PCB-soldering	603	EPIC® POWERLOCK Tools	639
EPIC® H-B 24 SDR-BO	569	EPIC® M23 Inserts 6 pole	604	EPIC® POWERLOCK Accessories	639
EPIC® H-B 24 SDRL-BO	569	EPIC® M23 Inserts 7 pole	604		
EPIC® H-B 24 SDRH-BO	570	EPIC® M23 Inserts 8+1 pole	605		
EPIC® H-B 24 SDRLH-BO	570	EPIC® M23 Inserts 9 pole	605		
EPIC® H-B 24 TBF-LB	571	EPIC® M23 Inserts 12 pole	606		
EPIC® H-B 24 TBFH-LB	571	EPIC® M23 Inserts 16 pole	606		
EPIC® H-B 24 TBF	571	EPIC® M23 Inserts 17 pole	607		
EPIC® H-B 24 TBFH	572	EPIC® CIRCON M23 Contacts, tools, accessories			
EPIC® H-B 32 Housings		EPIC® M23 Contacts male	608		
EPIC® H-B 32 TG	573	EPIC® M23 Contacts female	608		
EPIC® H-B 32 TG 2X	573	EPIC® M23 Tools	608		
EPIC® H-B 32 TS	573	EPIC® M23 Accessories	608		
EPIC® H-B 32 AG	574	EPIC® M23			
EPIC® H-B 32 SGR	574	EPIC® M23 Kits 12pole	609		
EPIC® H-B 32 SGRL	574	EPIC® M23 Kits 17pol.	610		
EPIC® H-B 32 TBFH	575				
EPIC® H-B 48 Housings					

Please pay attention to the EPIC® Selection table A10, this table is a great guide in helping you to find the right insert and suitable housings for your application. Please also pay attention to the new, complete configured Connector-Kits.

Solutions for many applications:

- Number of poles from 2 up to 216
- Currents up to 82A
- Voltages up to 1000V
- Modular system for current supply, signal-/data transmission and compressed air
- Termination technologies: solder, screw, crimp, cage clamp

- **Tip:** for inserts with screw termination please use the processing tool (Chapter: Tools)



1. Cable Gland:

The Cable Gland provides a seal between the cable and the connector housing. It may also be used to offer additional functions like strain relief and braid continuity for EMC protection.

2. Hood:

The connector housing for the cable entry.

3. Male insert:

Types of contact termination

- Screw
- Crimp (contacts must be ordered separately)
- Cage clamp

4. Female insert:

Types of contact termination

- Screw
- Crimp (contacts must be ordered separately)
- Cage clamp

5. Base:

- Panel mounting (cable entry through cut out in panel)

or

- Surface mounting (cable entry through a gland into the side of the connector base)

or

- Cable Connector Hood, cable to cable connection

Screw connection technology (as DIN EN 60999)				
Screw thread	M3	M4	M5	M6
Starting torque Nm	0.5	1.2	2.0	2.5
Clamping screw: H-A, H-BE, H-BVE	•			
Clamping screw: H-BS		•		
Grounding screw: H-A, H-BE, H-BVE		•		
Grounding screw: H-BS			•	
Clamping screw: Module High-Current				•
Fixing screw: Inserts and Module frames	•			

All EPIC® connectors refer to IEC 61984

Please pay attention to the EPIC® Selection table A 10, this table is a great guide in helping you to find the right insert and the suitable housings for your application. Please pay attention to the new, complete configured Connector-Kits.

Solutions for many applications:

- Housing variations for cable connection and for the assembly on devices
- Degree of protection max. IP 65 (locked, depends on the cable gland). Therefore we recommend to use a brass cable gland with integrated sealing ring, for example: **SKINTOP® MS...**

Housings with cover:
IP 40, locked max. IP 65

Housings H-A 3: max. IP 65
(locked, depends on the cable gland)

- Housing material and colors:
Aluminium alloy: grey, similar RAL 7001, Zinc die cast (H-A 3):
grey, similar RAL 7001
Thermoplastics (H-A 3):
grey, similar RAL 7035
Thermoplastics (H-A 3):
black, similar RAL 7021

Hood:

A hood may have a top or angle (side) entry of different PG sizes to accommodate a wide range of cable diameters. The hood can be mated with either a surface or panel mounting base, or a cable coupler hood (for cable to cable connection).



Socket housing:

The surface base is a complete enclosure only offering cable entry through a cable gland mounted either on one or both sides of the base.



Panel Base housing:

The panel base is wired from below through a hole cut in a panel. The panel base is attached to the surface of a control panel for connection of control or power cables.



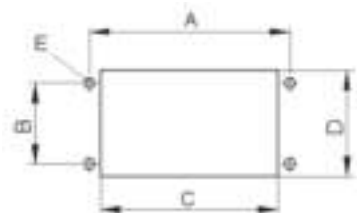
Cable Connector Hood:

The cable connector hood mates with a top entry hood to offer cable to cable connection. This is frequently used to extend cables.



Panel cut out for panel mount base (mm)

Panel mount base	A	B	C	D	E
H-A 3	30	—	21	21	3,3
H-A 10	70	17,5	57,5	24	3,6
H-A 16	86	17,5	73,7	24	3,6
H-A 32	92	42	74,2	48,4	4,3
H-A 48	110	65	85,5	71	5,5
H-B 6	70	32	52,2	35	4,3
H-B 10	83	32	65,2	35	4,3
H-B 16	103	32	85,5	35	4,3
H-B 24	130	32	112,2	35	4,3
H-B 32	110	65	85,5	71	5,5
H-B 48	148	70	117	82	7



EPIC® CIRCON LS1



EPIC® CIRCON Material	
Housing	Zinc die cast nickel plated
Insulation body	PA - UL 94 V-0
Sealing	FPM
Other metal parts	Brass nickel plated
Contacts	Brass gold plated

- Unique marking system:
 - a) by means of coloured marking clips or
 - b) alternatively by individual markable labels
 The DYMO® marking system provides easy handling. The labels cannot be erased and cannot be lost.
- With integrated EMC screen
- Corrosion-tested; for use in rough environment
- Large cable clamping range with proved lamella-technology
- Clear visible and tangible allocation when mating
- Vibration tested; perfectly suitable for electric drives and moving parts

■ Technical Data

Rated current:

1 mm contacts:
7 A for 1.0 mm²

2 mm contacts:
26 A for 4.0 mm²

Rated voltage:

1 mm contacts: 250 V

2 mm contacts: 630 V

Rated impulse voltage:

1 mm contacts: 4 kV

2 mm contacts: 6 kV

Pollution degree:

3, according to DIN EN 61984

Overvoltage category:

3

Cross sections:

1 mm contacts:
0.14 - 1.0 mm² crimp

AWG 18 - 24 crimp

2 mm contacts:
0.5 - 4.0 mm² crimp

AWG 12 - 20 crimp

mating cycles:

500

Range of temperature:

-25°C - +125°C

Circular connectors:

according to DIN EN 61984

Degree of protection:

IP 68 (10 h/1 m), highest protection against the penetration of dust and water



DYMO® is a registered trademark of SANFORD GmbH

EPIC® CIRCON M23



- One connector for all current data cables, cable clamp range 7 - 13,5mm
- Reduced number of parts, insert is appropriate for the use of pin and socket contacts
- Safe and easy keying of the connector through exchangeable coloured keying rings
- All housings with exchangeable keying
- Inserts can be inserted from the front or backside giving it a high flexibility in assembly

■ Technical Data

Pollution degree:

3, according to DIN EN 61984

Overvoltage category:

3

Cross sections:

1 mm contacts: crimp: 0.14 - 1.0 mm²
AWG 18 - 24, solder: up to 1 mm²

up to AWG 18

Mating cycles:

100

**Range of temperature:**

-25°C - +125°C

Circular connectors:

according to DIN EN 61984

Degree of protection:

IP 68 (10 h/1 m), highest protection against the penetration of dust and water

Technical Data according DIN EN 61984:

Type	Rated current	Rated voltage	Rated impulse voltage
2 mm contacts (2,5 mm²):			
6 pole	18 A	150 V	4,0 kV
7 pole	18 A	150 V	4,0 kV
8+1 pole	20 A	150 V	2,5 kV
1 mm contacts (1,0 mm²):			
8+1 pole	7 A	150 V	2,5 kV
9 pole	7 A	150 V	1,5 kV
12 pole	7 A	100 V	1,5 kV
16 pole	7 A	100 V	1,5 kV
17 pole	7 A	50 V	0,8 kV

The crimping tool and the crimping machine could be equipped with several crimping dies, suitable to the different EPIC® contacts on the next pages. Both are compatible with most of the crimping dies and locators of the Universal Crimping tool „PEW 12“, shown in chapter Cable Accessoires.

Locator and crimping dies are not included and must be ordered separately, depending on your application. All component parts, which are necessary for crimping the several EPIC® contacts, are listed next to these contacts on the following pages.

EPIC® Crimping machine 11147000

- Approved, robust crimping tool
- Crimping tool in tool case
- Locator and crimping dies are not included and must be ordered separately



Pneumatic Crimping machine 11147001

- small but powerful, robust, pneumatic table crimping machine with a crimping force of 25 kN
- Locator and crimping dies are compatible to of the crimping tool 11147000
- Locator and crimping dies are not included and must be ordered separately
- For proper pressing operation and repeatable crimping results
- 360°-rotatable carrier for the mounting of the crimping dies – ideal for left- and right-handed people
- Maintenance-free operation, approved working-pressure: 5 – 10 bar
- Crimping range: 0.08 – 50 mm² (depending on the crimping dies)
- Dimensions: w x d x h:
28 cm x 32.5cm x 50 cm
- Weight: approximately 30 kg



Further order data for EPIC® tools see next pages

EPIC® 4-Indent-Crimping Tool 11148000 and digital 11148001



EPIC® 4-Indent-Crimping Tool 11148000

- Approved, robust crimping tool
- Crimping tool in case
- Locator is not included and must be ordered separately

EPIC® 4-Indent-Crimping Tool digital 11148001

- Digital version of the standard crimping tool for a convenient adjusting and verification of the crimping parameter
- Locator is not included and must be ordered separately
- stored in a handy plastic case
- a tool family that cares for a wide cable range
- micro setting of indenters and display up to 0.01 mm tolerance
- digital readout to avoid setting errors
- different setting parameters selectable, e.g. mm/inch indication, selector positions acc. to MIL
- locator offers positions for 12 different contacts
- calibration/reset by means of enclosed go - no go gauge
- forced locking system and synchronous drive of indenters for highly reliable crimp connections

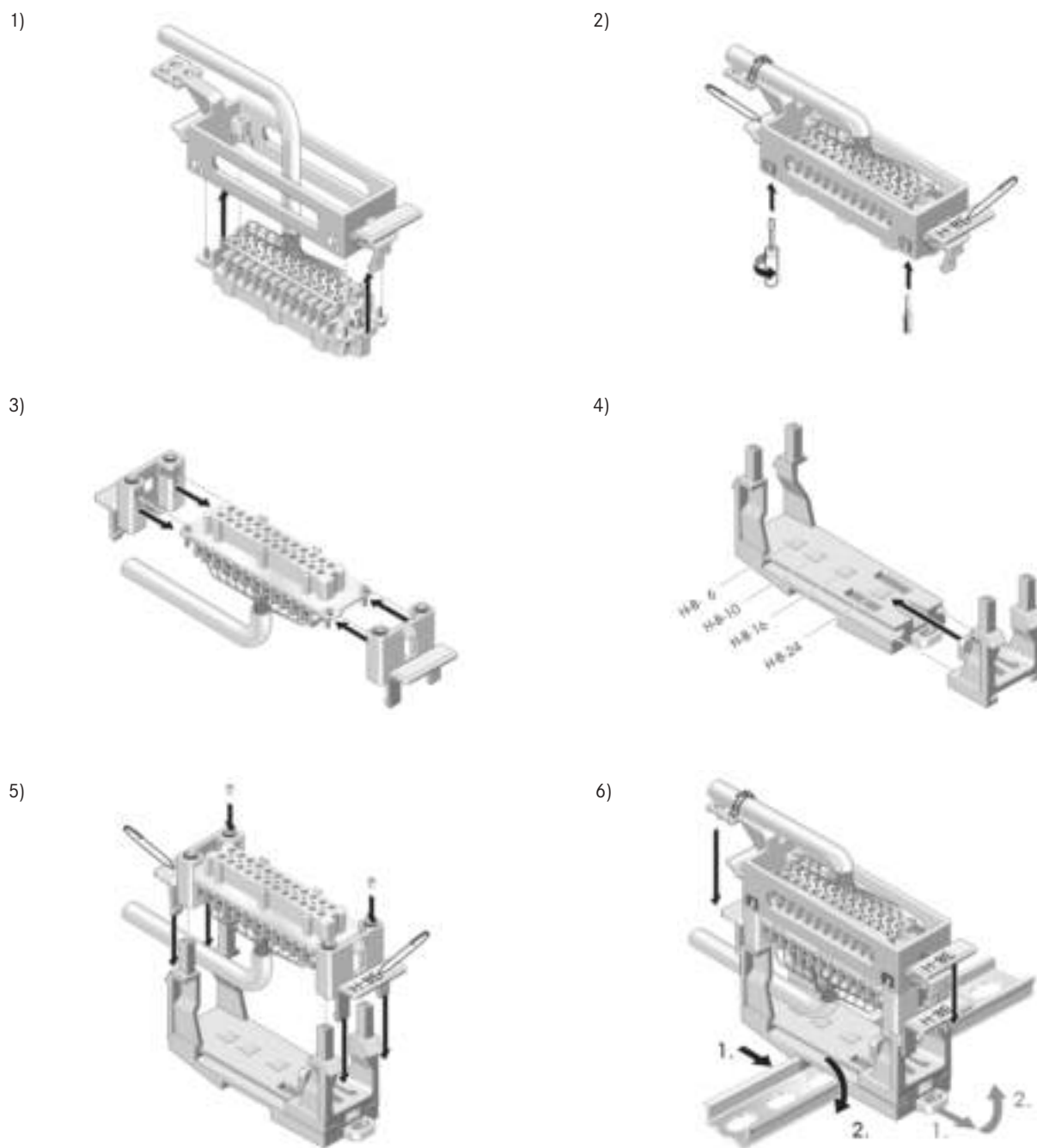
Pneumatic 4-Indent-Crimping machine 11148002



- small but powerful, robust, pneumatic 4-Indent-table crimping machine
- pre-assembled with all necessary parts for crimping the EPIC®-contacts on the following pages
- Locator is not included and must be ordered separately
- for cross-section 0.14 – 6.0 mm²
- crimping machine with a crimping force of 25 kN
- for proper pressing operation and repeatable crimping results
- Micro-setting up to 0.01 mm tolerance
- Maintenance-free operation, approved working-pressure: 5 – 10 bar
- Crimping range: 0.08 – 50 mm² (depending on the crimping dies)
- Dimensions: w x d x h:
28 cm x 32.5 cm x 50 cm
- Weight: approximately 30 kg

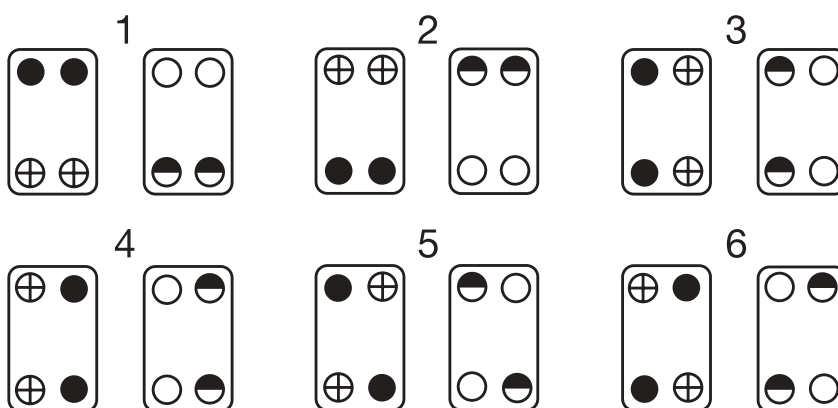
Further order data for EPIC® tools see next pages

Mounting instruction for Quick + Easy



Key positions for Quick + Easy

- Key pin
- ⊕ Fixing screw
- ◐ Coding plug
- Open



EPIC® H-A 3



Info

- Straight cable entry from the rear

EPIC® H-A 4



Info

- Straight cable entry from the rear

Suitable housing:

- EPIC® H-A 3 Housings Page 497
- Refer to Selection Table A10 to select the required inserts and housings

Benefits

EPIC® H-A 3

- H-A inserts with screw termination up to 2.5 mm² wire cross section
- The small H-A 3s are used whenever there is minimal space. Screw termination with straight cable entrance from the rear

EPIC® H-A 4

- H-A inserts with screw termination up to 2.5 mm² wire cross section
- The small H-A 4s are used wherever space is at a minimum. Screw termination with straight cable insertion from the rear

Technical data

Rated voltage (V)

IEC: 400 V
UL: 600 V
CSA: 600 V

Rated impulse voltage

4 kV

Rated current (A)

IEC: 23 A
UL: 10 A
CSA: 10 A

Degree of soiling

3

Contact resistance

1.5 - 4 mohm

Contacts

Copper alloy, hard silver-plated

Number of contacts

EPIC® H-A 3

3 + PE

EPIC® H-A 4

4 + PE

Termination methods

Screw termination: 0.5 - 2.5 mm² (2.5 mm² with conductor end sleeves depending on the crimping profile)

Cycle of mechanical operation

100



Temperature range

-40 °C to +100 °C, short-term up to +125 °C



VDE-tested

Certified production control: VDE-REG. no. 437

Application range

- Machine and equipment manufacturing
- Control engineering

Suitable tools

EPIC® H-A 3

- MULTICRIMP 6 crimping pliers refer to page 915
- Kraftform® adjustable torque screwdriver / Kraftform Kompakt® Set refer to page 976

Article number	Article	Version	Contacts	Pieces / PU
H-A 3 screw termination				
10420000	H-A 3 SS	male	1 - 3	10
10421000	H-A 3 BS	female	1 - 3	10
H-A 4 screw termination				
10431000	H-A 4 SS	male	1 - 4	10
10432000	H-A 4 BS	female	1 - 4	10

Photographs are not to scale and do not represent detailed images of the respective products.



EPIC® H-A 10



EPIC® H-A 16

Suitable housing:

EPIC® H-A 10

- EPIC® H-A 10 Housings Page 502

EPIC® H-A 16

- EPIC® H-A 16 Housings Page 508
- Refer to Selection Table A10 to select the required inserts and housings

Benefits

EPIC® H-A 10

- The proven EPIC® H-A 10 inserts for connection to cross-sections of up to 2.5 mm² in compact housings.

EPIC® H-A 16

- The proven EPIC® H-A 16 inserts for connection to cross-sections of up to 2.5 mm² in compact housings.

Technical data

Rated voltage (V)

IEC: 250 V
UL: 600 V
CSA: 600 V

Rated impulse voltage

4 kV

Rated current (A)

IEC: 16 A
UL: 14 A
CSA: 16 A

Degree of soiling

3

Contact resistance

1.5 - 4 mohm

Contacts

Copper alloy, hard silver-plated

Number of contacts

EPIC® H-A 10

10 + PE

EPIC® H-A 16

16 + PE

Termination methods

Screw termination: 0.5 - 2.5 mm² (2.5 mm² with conductor end sleeves depending on the crimping profile)

Cycle of mechanical operation

100



Temperature range

-40 °C to +100 °C, short-term up to +125 °C



VDE-tested

Certified production control: VDE-REG. no. 437

Application range

- Machine and equipment manufacturing
- Control engineering

Suitable tools

EPIC® H-A 10

- MULTICRIMP 6 crimping pliers refer to page 915
- Kraftform® adjustable torque screwdriver/ Kraftform Kompakt® Set refer to page 976

Article number	Article	Version	Wire protection	Contacts	Pieces / PU
H-A 10 screw termination					
10440100	H-A 10 SS	male	yes	1 - 10	5
10441100	H-A 10 BS	female	yes	1 - 10	5
10440000	H-A 10 SS	male		1 - 10	5
10441000	H-A 10 BS	female		1 - 10	5
H-A 16 screw termination					
10530000	H-A 16 SS	male	yes	1 - 16	5
10531000	H-A 16 BS	female	yes	1 - 16	5
10532000	H-A 16 SS	male		1 - 16	5
10533000	H-A 16 BS	female		1 - 16	5

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® H-A 32



EPIC® H-A 48



■ Suitable housing:

EPIC® H-A 32

- EPIC® H-A 32 Housings Page 514

EPIC® H-A 48

- EPIC® H-A 48 Housings Page 519
- Refer to Selection Table A10 to select the required inserts and housings

■ Benefits

- The proven EPIC® H-A 16 inserts for connection to cross-sections of up to 2.5 mm² in compact housings.

■ Application range

- Machine and equipment manufacturing
- Control engineering

■ Suitable tools

EPIC® H-A 32

- MULTICRIMP 6 crimping pliers refer to page 915
- Kraftform® adjustable torque screwdriver / Kraftform Kompakt® Set refer to page 976

■ Technical data

Rated voltage (V)

IEC: 250 V
UL: 600 V
CSA: 600 V

Rated impulse voltage

4 kV

Rated current (A)

IEC: 16 A
UL: 14 A
CSA: 16 A

Degree of soiling

3

Contact resistance

1.5 - 4 mohm

Contacts

Copper alloy, hard silver-plated

Number of contacts

16 + PE

Termination methods

Screw termination: 0.5 - 2.5 mm² (2.5 mm² with conductor end sleeves depending on the crimping profile)

Cycle of mechanical operation

100



Temperature range

-40 °C to +100 °C, short-term up to +125 °C



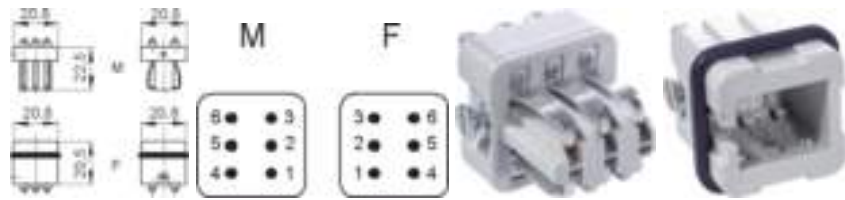
VDE-tested

Certified production control: VDE-REG. no. 437

Article number	Article	Version	Wire protection	Contacts	Pieces / PU
H-A 32 screw termination					
10540000	H-A 16 SS	male	yes	17 - 32	5
10530000	H-A 16 SS	male	yes	1 - 16	5
10541000	H-A 16 BS	female	yes	17 - 32	5
10531000	H-A 16 BS	female	yes	1 - 16	5
10542000	H-A 16 SS	male		17 - 32	5
10532000	H-A 16 SS	male		1 - 16	5
10543000	H-A 16 BS	female		17 - 32	5
10533000	H-A 16 BS	female		1 - 16	5
H-A 48 screw termination					
10540100	H-A 16 SS	male	yes	33 - 48	5
10541100	H-A 16 BS	female	yes	33 - 48	5
10542100	H-A 16 SS	male		33 - 48	5
10543100	H-A 16 BS	female		33 - 48	5

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® STA 6 Screw termination



EPIC® STA 6 Solder termination



Suitable housing:

- EPIC® H-A 3 Housings Page 497
- Refer to Selection Table A10 to select the required inserts and housings

Benefits

- STA inserts - proven by the strong contact springs.
- The proven STA inserts for screw termination and solder termination.

Application range

- Control systems
- Rack technology
- Electronic laboratory

Technical data

Rated voltage (V)
IEC: 24 V AC, 60 V DC
UL: 48 V
CSA: 48 V

Rated current (A)
IEC: 10 A
UL: 10 A
CSA: 10 A

Degree of soiling
2

Contact resistance
< 3 mOhm

Contacts
Copper alloy, tinned

Number of contacts
6

Termination methods
EPIC® STA 6 Screw termination
Screw termination: 0.5 - 1.5 mm²
EPIC® STA 6 Solder termination
Solder termination: up to 1.5 mm²

Cycle of mechanical operation
100



Temperature range
-40°C - +80°C

Article number	Article	Version	Contacts	Pieces / PU
STA 6 screw termination				
10486100	STA 6 SS	male	1 - 6	10
10488100	STA 6 FS	Spring	1 - 6	10
STA 6 solder termination				
10485200	STA 6 SL	male	1 - 6	10
10487200	STA 6 FL	Spring	1 - 6	10

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® STA 14 Screw termination



EPIC® STA 14 Solder termination



Suitable housing:

- EPIC® H-A 10 Housings Page 502
- Refer to Selection Table A10 to select the required inserts and housings

Benefits

- STA inserts - proven by the strong contact springs.
- The proven STA inserts for screw termination and solder termination.

Application range

- Control systems
- Rack technology
- Electronic laboratory

Technical data

Rated voltage (V)
IEC: 24 V AC, 60 V DC
UL: 48 V
CSA: 48 V

Rated current (A)
IEC: 7.5 A
UL: 7.5 A
CSA: 7.5 A

Degree of soiling
2

Contact resistance
< 3 mOhm

Contacts
Copper alloy, tinned

Number of contacts
14

Termination methods
EPIC® STA 14 Screw termination
Screw termination: 0.5 - 1.5 mm²
EPIC® STA 14 Solder termination
Solder termination: up to 1.5 mm²

Cycle of mechanical operation
100



Temperature range
-40°C - +80°C

Article number	Article	Version	Contacts	Pieces / PU
STA 14 screw termination				
10491100	STA 14 SS	male	1 - 14	5
10493100	STA 14 FS	Spring	1 - 14	5
STA 14 solder termination				
10490200	STA 14 SL	male	1 - 14	5
10492200	STA 14 FL	Spring	1 - 14	5

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® STA 20 Screw termination



EPIC® STA 20 Solder termination



■ Suitable housing:

- EPIC® H-A 16 Housings Page 508
- Refer to Selection Table A10 to select the required inserts and housings

■ Benefits

- STA inserts - proven by the strong contact springs.
- The proven STA inserts for screw termination and solder termination.

■ Application range

- Control systems
- Rack technology
- Electronic laboratory

■ Technical data

Rated voltage (V)

IEC: 24 V AC, 60 V DC
UL: 48 V
CSA: 48 V

Rated current (A)

IEC: 7 A
UL: 7 A
CSA: 7 A

Degree of soiling

2

Contact resistance

< 3 mOhm

Contacts

Copper alloy, tinned

Number of contacts

20

Termination methods

EPIC® STA 20 Screw termination

Screw termination: 0.5 - 1.5 mm²

EPIC® STA 20 Solder termination

Solder termination: up to 1.5 mm²

Cycle of mechanical operation

100

Temperature range

-40 °C - +80 °C



Article number	Article	Version	Contacts	Pieces / PU
STA 20 screw termination				
10501100	STA 20 SS	male	1 - 20	5
10503100	STA 20 FS	Spring	1 - 20	5
STA 20 solder termination				
10500200	STA 20 SL	male	1 - 20	5
10502200	STA 20 FL	Spring	1 - 20	5

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® H-Q 5



EPIC® H-D 8



Suitable housing:

EPIC® H-Q 5

- EPIC® H-A 3 Housings Page 497
- EPIC® H-BE 2.5 machined contacts Page 490

EPIC® H-D 8

- EPIC® H-A 3 Housings Page 497
- Refer to Selection Table A10 to select the required inserts and housings

Suitable contacts:

EPIC® H-Q 5

- EPIC® H-BE 2.5 machined contacts Page 490

EPIC® H-D 8

- EPIC® H-D 1.6 machined contacts Page 487

Benefits

EPIC® H-Q 5

- Small H-Q 5 inserts with machined crimp contacts up to 2.5 mm².
- With five working contacts in the proven crimp technology and one PE contact with screw termination.

EPIC® H-D 8

- Inserts of the connector series H-D are designed for applications in which a high number of contacts are required.

Application range

- Machine and equipment manufacturing
- Control engineering

Technical data

Rated voltage (V)

EPIC® H-Q 5
IEC: 230 V / 400 V

UL: 600 V

CSA: 600 V

EPIC® H-D 8

IEC: 24 V (AC)/60 V (DC) metal housing; 250 V thermoplastic housing;

UL: 250 V

Rated impulse voltage

EPIC® H-Q 5

4 kV

EPIC® H-D 8

2.5 kV

Rated current (A)

EPIC® H-Q 5

IEC: 16 A

UL: 16 A

CSA: 16 A

EPIC® H-D 8

IEC: 10 A

UL: 10 A

Degree of soiling

3

Contact resistance

< 2 mOhm

Contacts

Copper alloy, hard silver/gold-plated

Number of contacts

EPIC® H-Q 5

5 + PE

EPIC® H-D 8

8

Termination methods

EPIC® H-Q 5

Crimp termination: 0.5 - 2.5 mm²

EPIC® H-D 8

Crimp termination: 0.14 - 2.5 mm²

Cycle of mechanical operation

100



Temperature range

-40 °C to +100 °C, short-term up to +125 °C



VDE-tested

EPIC® H-D 8

Certified production control: VDE-REG. no. 437

Article number	Article	Version	Contacts	Pieces / PU
H-Q 5 crimp termination				
10431500	H-Q 5 SC	male	1 - 5	10
10432500	H-Q 5 BC	female	1 - 5	10
H-D 8 crimp termination				
11252500	H-D 8 SCM	male	1 - 8	10
11253500	H-D 8 BCM	female	1 - 8	10

Photographs are not to scale and do not represent detailed images of the respective products.



EPIC® H-D 7 stamped



■ Suitable housing:

EPIC® H-D 7 machined

- EPIC® H-A 3 Housings Page 497
- EPIC® H-D 1.6 machined contacts Page 487
- EPIC® QUICK & EASY Mounting system Page 579

EPIC® H-D 7 stamped

- EPIC® H-A 3 Housings Page 497
- EPIC® H-D 1.6 stamped contacts Page 488
- EPIC® H-D 1.6 stamped contacts-on-reel Page 489
- Refer to Selection Table A10 to select the required inserts and housings

■ Suitable contacts:

EPIC® H-D 7 machined

- EPIC® H-D 1.6 machined contacts Page 487

EPIC® H-D 7 stamped

- EPIC® H-D 1.6 stamped contacts Page 488
- EPIC® H-D 1.6 stamped contacts-on-reel Page 489

■ Benefits

- Inserts of the connector series H-D are designed for applications in which a high number of contacts are required.

■ Application range

- Machine and equipment manufacturing
- Control engineering

■ Technical data

Rated voltage (V)

IEC: 24 V (AC)/60 V (DC) metal housing; 250 V thermoplastic housing;
UL: 250 V

Rated impulse voltage

2.5 kV

Rated current (A)

IEC: 10 A
UL: 10 A

Degree of soiling

3

Contact resistance

< 2 mOhm

Contacts

Copper alloy, hard silver/gold-plated

Number of contacts

7 + PE

Termination methods

Crimp termination: 0.14 - 2.5 mm²

Cycle of mechanical operation

100



Temperature range

-40 °C to +100 °C, short-term up to +125 °C



VDE-tested

Certified production control: VDE-REG. no. 437

Article number	Article	Version	Article designation	Contacts	Pieces / PU
H-D 7 crimp termination					
11250500	H-D 7 SCM	male	machined	1 - 7	10
11251500	H-D 7 BCM	female	machined	1 - 7	10
11250000	H-D 7 SCG	male	stamped	1 - 7	10
11251000	H-D 7 BCG	female	stamped	1 - 7	10

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® H-D 15 machined



EPIC® H-D 15 stamped



Suitable housing:

EPIC® H-D 15 machined

- EPIC® H-A 10 Housings Page 502
- EPIC® H-D 1.6 machined contacts Page 487
- EPIC® QUICK & EASY Mounting system Page 579

EPIC® H-D 15 stamped

- EPIC® H-A 10 Housings Page 502
- EPIC® H-D 1.6 stamped contacts Page 488
- EPIC® H-D 1.6 stamped contacts-on-reel Page 489
- Refer to Selection Table A10 to select the required inserts and housings

Suitable contacts:

EPIC® H-D 15 machined

- EPIC® H-D 1.6 machined contacts Page 487

EPIC® H-D 15 stamped

- EPIC® H-D 1.6 stamped contacts Page 488
- EPIC® H-D 1.6 stamped contacts-on-reel Page 489

Benefits

- Inserts of the connector series H-D are designed for applications in which a high number of contacts are required.

Application range

- Machine and equipment manufacturing
- Control engineering

Technical data

Rated voltage (V)

IEC: 250 V

UL: 250 V

Rated impulse voltage

2.5 kV

Rated current (A)

IEC: 10 A

UL: 10 A

Degree of soiling

3

Contact resistance

< 2 mOhm

Contacts

Copper alloy, hard silver/gold-plated

Number of contacts

15 + PE

Termination methods

Crimp termination: 0.14 - 2.5 mm²

Cycle of mechanical operation

100



Temperature range

-40 °C to +100 °C, short-term up to +125 °C



VDE-tested

Certified production control: VDE-REG. no. 437

Article number	Article	Version	Article designation	Contacts	Pieces / PU
H-D 15 crimp termination					
11283200	H-D 15 SCM	male	machined	1 - 15	5
11282200	H-D 15 BCM	female	machined	1 - 15	5
11255000	H-D 15 SCG	male	stamped	1 - 15	5
11256000	H-D 15 BCG	female	stamped	1 - 15	5

Photographs are not to scale and do not represent detailed images of the respective products.



EPIC® H-D 25 machined



EPIC® H-D 25 stamped

■ Suitable housing:

EPIC® H-D 25 machined

- EPIC® H-A 16 Housings Page 508
- EPIC® H-D 1.6 machined contacts Page 487
- EPIC® QUICK & EASY Mounting system Page 579

EPIC® H-D 25 stamped

- EPIC® H-A 16 Housings Page 508
- EPIC® H-D 1.6 stamped contacts Page 488
- EPIC® H-D 1.6 stamped contacts-on-reel Page 489
- Refer to Selection Table A10 to select the required inserts and housings

■ Suitable contacts:

EPIC® H-D 25 machined

- EPIC® H-D 1.6 machined contacts Page 487

EPIC® H-D 25 stamped

- EPIC® H-D 1.6 stamped contacts Page 488
- EPIC® H-D 1.6 stamped contacts-on-reel Page 489

■ Benefits

- Inserts of the connector series H-D are designed for applications in which a high number of contacts are required.

■ Application range

- Machine and equipment manufacturing
- Control engineering

■ Technical data

Rated voltage (V)

IEC: 250 V

UL: 250 V

Rated impulse voltage

2.5 kV

Rated current (A)

IEC: 10 A

UL: 10 A

Degree of soiling

3

Contact resistance

< 2 mOhm

Contacts

Copper alloy, hard silver/gold-plated

Number of contacts

25 + PE

Termination methods

Crimp termination: 0.14 - 2.5 mm²

Cycle of mechanical operation

100



Temperature range

-40 °C to +100 °C, short-term up to +125 °C



VDE-tested

Certified production control: VDE-REG. no. 437

Article number	Article	Version	Article designation	Contacts	Pieces / PU
H-D 25 crimp termination					
11283300	H-D 25 SCM	male	machined	1 - 25	5
11282300	H-D 25 BCM	female	machined	1 - 25	5
11260000	H-D 25 SCG	male	stamped	1 - 25	5
11261000	H-D 25 BCG	female	stamped	1 - 25	5

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® H-D 40 machined



EPIC® H-D 40 stamped



Suitable housing:

EPIC® H-D 40 machined

- EPIC® H-B 16 Housings Page 545
- EPIC® ULTRA H-B 16 TS QB Page 524
- EPIC® ULTRA H-B 16 AG QB Page 524
- EPIC® QUICK & EASY Mounting system Page 579

EPIC® H-D 40 stamped

- EPIC® H-B 16 Housings Page 545
- EPIC® ULTRA H-B 16 TS QB Page 524
- EPIC® ULTRA H-B 16 AG QB Page 524
- Refer to Selection Table A10 to select the required inserts and housings

Technical data

Rated voltage (V)

IEC: 250 V
UL: 250 V

Rated impulse voltage

2.5 kV

Rated current (A)

IEC: 10 A
UL: 10 A

Degree of soiling

3

Contact resistance

< 2 mOhm

Contacts

Copper alloy, hard silver/gold-plated

Number of contacts

40 + PE

Termination methods

Crimp termination: 0.14 - 2.5 mm²

Cycle of mechanical operation

100

Temperature range

-40 °C to +100 °C, short-term up to +125 °C



Suitable contacts:

EPIC® H-D 40 machined

- EPIC® H-D 1.6 machined contacts Page 487

EPIC® H-D 40 stamped

- EPIC® H-D 1.6 stamped contacts Page 488
- EPIC® H-D 1.6 stamped contacts-on-reel Page 489

Benefits

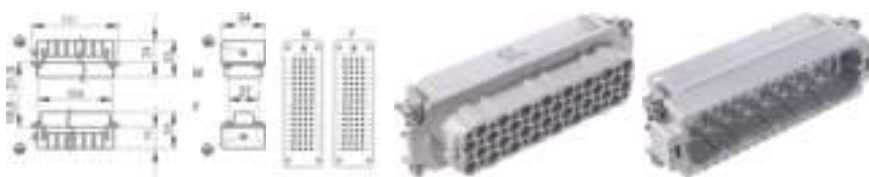
- Inserts of the connector series H-D are designed for applications in which a high number of contacts are required.

Application range

- Plant engineering
- Light & sound technology

Article number	Article	Version	Article designation	Contacts	Pieces / PU
H-D 40 crimp termination					
11265200	H-D 40 SCM	male	machined	1 - 40	10
11266200	H-D 40 BCM	female	machined	1 - 40	10
11265000	H-D 40 SCG	male	stamped	1 - 40	5
11266000	H-D 40 BCG	female	stamped	1 - 40	5

Photographs are not to scale and do not represent detailed images of the respective products.



EPIC® H-D 64 machined



EPIC® H-D 64 stamped

■ Suitable housing:

EPIC® H-D 64 machined

- EPIC® H-B 24 Housings Page 559
- EPIC® ULTRA H-B 24 TS QB Page 525
- EPIC® ULTRA H-B 24 AG QB Page 525
- EPIC® QUICK & EASY Mounting system Page 579

EPIC® H-D 64 stamped

- EPIC® H-B 24 Housings Page 559
- EPIC® ULTRA H-B 24 TS QB Page 525
- EPIC® ULTRA H-B 24 AG QB Page 525
- Refer to Selection Table A10 to select the required inserts and housings

■ Technical data

Rated voltage (V)

IEC: 250 V

UL: 250 V

Rated impulse voltage

2.5 kV

Rated current (A)

IEC: 10 A

UL: 10 A

Degree of soiling

3

Contact resistance

< 2 mOhm

Contacts

Copper alloy, hard silver/gold-plated

Number of contacts

64 + PE

Termination methods

Crimp termination: 0.14 - 2.5 mm²

Cycle of mechanical operation

100



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

■ Suitable contacts:

EPIC® H-D 64 machined

- EPIC® H-D 1.6 machined contacts Page 487

EPIC® H-D 64 stamped

- EPIC® H-D 1.6 stamped contacts Page 488
- EPIC® H-D 1.6 stamped contacts-on-reel Page 489

■ Benefits

- Inserts of the connector series H-D are designed for applications in which a high number of contacts are required.

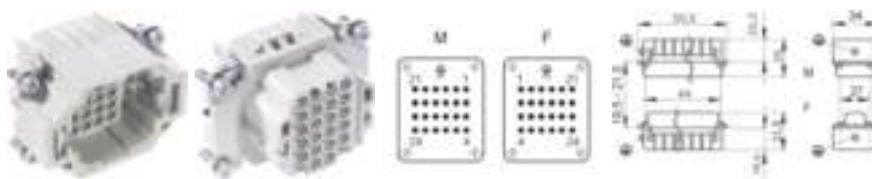
■ Application range

- Plant engineering
- Light & sound technology

Article number	Article	Version	Article designation	Contacts	Pieces / PU
H-D 64 crimp termination					
11272000	H-D 64 SCM	male	machined	1 - 64	10
11273000	H-D 64 BCM	female	machined	1 - 64	10
11270000	H-D 64 SCG	male	stamped	1 - 64	5
11271000	H-D 64 BCG	female	stamped	1 - 64	5

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® H-DD 24



EPIC® H-DD 42



■ Suitable housing:

EPIC® H-DD 24

- EPIC® H-B 6 Housings Page 526
- EPIC® ULTRA H-B 6 TG LB Page 521
- EPIC® ULTRA H-B 6 TS LB Page 521
- EPIC® ULTRA H-B 6 AG LB Page 522
- EPIC® ULTRA H-B 6 SGR LB Page 522
- EPIC® QUICK & EASY Mounting system Page 579

EPIC® H-DD 42

- EPIC® H-B 10 Housings Page 532
- EPIC® ULTRA H-B 10 TS QB Page 523
- EPIC® ULTRA H-B 10 AG QB Page 523
- Refer to Selection Table A10 to select the required inserts and housings

■ Suitable contacts:

- EPIC® H-D 1.6 machined contacts Page 487

■ Benefits

- The H-DD series with machined contacts is designed for a high number of pins in very tight spaces. This allows for smaller housing types to be chosen.

■ Application range

- Mechanical engineering
- Light & sound technology
- Plastics industry

■ Technical data

Rated voltage (V)

IEC: 250 V
UL: 600 V
CSA: 600 V

Rated impulse voltage

2.5 kV

Rated current (A)

IEC: 10 A
UL: 8.5 A
CSA: 10 A

Degree of soiling

2

Contact resistance

< 3 mOhm

Contacts

Copper alloy, hard silver/gold-plated

Number of contacts

EPIC® H-DD 24

24 + PE

EPIC® H-DD 42

42 + PE

Termination methods

Crimp termination: 0.14 - 2.5 mm²

Cycle of mechanical operation

100



Temperature range

-40 °C to +100 °C, short-term up to +125 °C



VDE-tested

Certified production control: VDE-REG. no. 437

Article number	Article	Version	Article designation	Contacts	Pieces / PU
H-DD 24 crimp termination					
11285000	H-DD 24 SCM	male	machined	1 - 24	5
11286000	H-DD 24 BCM	female	machined	1 - 24	5
H-DD 42 crimp termination					
11285100	H-DD 42 SCM	male	machined	1 - 42	5
11286100	H-DD 42 BCM	female	machined	1 - 42	5

Photographs are not to scale and do not represent detailed images of the respective products.



EPIC® H-DD 72



EPIC® H-DD 108

Suitable housing:

EPIC® H-DD 72

- EPIC® H-B 16 Housings Page 545
- EPIC® ULTRA H-B 16 TS QB Page 524
- EPIC® ULTRA H-B 16 AG QB Page 524
- EPIC® QUICK & EASY Mounting system Page 579

EPIC® H-DD 108

- EPIC® H-B 24 Housings Page 559
- EPIC® ULTRA H-B 24 TS QB Page 525
- EPIC® ULTRA H-B 24 AG QB Page 525
- Refer to Selection Table A10 to select the required inserts and housings

Suitable contacts:

- EPIC® H-D 1.6 machined contacts Page 487

Benefits

- The H-DD series with machined contacts is designed for a high number of pins in very tight spaces. This allows for smaller housing types to be chosen.

Application range

- Mechanical engineering
- Light & sound technology
- Plastics industry

Technical data

Rated voltage (V)

IEC: 250 V
UL: 600 V
CSA: 600 V

Rated impulse voltage

2.5 kV

Rated current (A)

IEC: 10 A
UL: 8.5 A
CSA: 10 A

Degree of soiling

2

Contact resistance

< 3 mOhm

Contacts

Copper alloy, hard silver/gold-plated

Number of contacts

EPIC® H-DD 72

72 + PE

EPIC® H-DD 108

108 + PE

Termination methods

Crimp termination: 0.14 - 2.5 mm²

Cycle of mechanical operation

100



Temperature range

-40 °C to +100 °C, short-term up to +125 °C



VDE-tested

Certified production control: VDE-REG. no. 437

Article number	Article	Version	Article designation	Contacts	Pieces / PU
H-DD 72 crimp termination					
11285200	H-DD 72 SCM	male	machined	1 - 72	5
11286200	H-DD 72 BCM	female	machined	1 - 72	5
H-DD 108 crimp termination					
11285300	H-DD 108 SCM	male	machined	1 - 108	5
11286300	H-DD 108 BCM	female	machined	1 - 108	5

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® H-DD 144



EPIC® H-DD 216



Suitable housing:

EPIC® H-DD 144

- EPIC® H-B 32 Housings Page 573
- EPIC® QUICK & EASY Mounting system Page 579

EPIC® H-DD 216

- EPIC® H-B 48 Housings Page 576
- Refer to Selection Table A10 to select the required inserts and housings

Suitable contacts:

- EPIC® H-D 1.6 machined contacts Page 487

Benefits

- The H-DD series with machined contacts is designed for a high number of pins in very tight spaces. This allows for smaller housing types to be chosen.

Application range

- Mechanical engineering
- Light & sound technology
- Plastics industry

Technical data

Rated voltage (V)

IEC: 250 V

UL: 600 V

CSA: 600 V

Rated impulse voltage

2.5 kV

Rated current (A)

IEC: 10 A

UL: 8.5 A

CSA: 10 A

Degree of soiling

2

Contact resistance

< 3 mOhm

Contacts

Copper alloy, hard silver/gold-plated

Number of contacts

72 + PE

Termination methods

Crimp termination: 0.14 - 2.5 mm²

Cycle of mechanical operation

100



Temperature range

-40 °C to +100 °C, short-term up to +125 °C



VDE-tested

Certified production control: VDE-REG. no. 437

Article number	Article	Version	Article designation	Contacts	Pieces / PU
H-DD 144 crimp termination					
11285400	H-DD 72 SCM	male	machined	73 - 144	5
11285200	H-DD 72 SCM	male	machined	1 - 72	5
11286400	H-DD 72 BCM	female	machined	73 - 144	5
11286200	H-DD 72 BCM	female	machined	1 - 72	5
H-DD 216 crimp termination					
11285500	H-DD 108 SCM	male	machined	109 - 216	5
11285300	H-DD 108 SCM	male	machined	1 - 108	5
11286500	H-DD 108 BCM	female	machined	109 - 216	5
11286300	H-DD 108 BCM	female	machined	1 - 108	5

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® H-BE 6 Screw termination



EPIC® H-BE 6 Crimp termination



EPIC® H-BE 6 Cage clamp



Suitable housing:

- EPIC® H-B 6 Housings Page 526
- EPIC® QUICK & EASY Mounting system Page 579
- EPIC® ULTRA H-B 6 TG LB Page 521
- EPIC® ULTRA H-B 6 TS LB Page 521
- EPIC® ULTRA H-B 6 AG LB Page 522
- EPIC® ULTRA H-B 6 SGR LB Page 522
- Refer to Selection Table A10 to select the required inserts and housings

Suitable contacts:

EPIC® H-BE 6 Crimp termination

- EPIC® H-BE 2.5 machined contacts Page 490

Suitable tools

EPIC® H-BE 6 Screw termination

- MULTICRIMP 6 crimping pliers refer to page 915
- Kraftform® adjustable torque screwdriver/ Kraftform Kompakt® Set refer to page 976
- Recommended crimping tool when conductor end-sleeves are used

Benefits

- Standard inserts with screw, crimp and cage clamp termination
- The EPIC® H-BE series is suitable for applications that require a reliable connection when working with high voltages and currents

Technical data

Rated voltage (V)

IEC: 500 V
UL: 600 V
CSA: 600 V

Rated impulse voltage

6 kV

Rated current (A)

IEC: 16 A
UL: 16 A
CSA: 16 A

Degree of soiling

3

Contact resistance

EPIC® H-BE 6 Screw termination

< 2 mOhm

EPIC® H-BE 6 Crimp termination

< 2 mOhm

EPIC® H-BE 6 Cage clamp

1.5 - 4 mohm

Contacts

EPIC® H-BE 6 Screw termination

Copper alloy, hard silver-plated

EPIC® H-BE 6 Crimp termination

Copper alloy, hard silver/gold-plated

EPIC® H-BE 6 Cage clamp

Copper alloy, hard silver-plated

Number of contacts

6 + PE

Termination methods

EPIC® H-BE 6 Screw termination

Screw termination: 0.5 - 2.5 mm²

EPIC® H-BE 6 Crimp termination

Crimp termination: 0.5 - 4.0 mm²

EPIC® H-BE 6 Cage clamp

Cage clamp termination: 0.5 - 2.5 mm²

Cycle of mechanical operation

100

Temperature range

-40 °C to +100 °C, short-term up to +125 °C



VDE-tested

EPIC® H-BE 6 Screw termination

Certified production control: VDE-REG. no. 437

EPIC® H-BE 6 Crimp termination

Certified production control: VDE-REG. no. 437

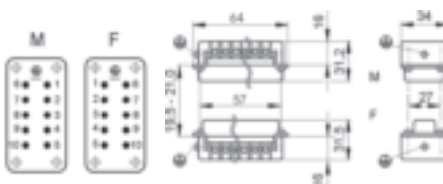
Application range

- Mechanical engineering
- Light & sound technology
- Plastics industry

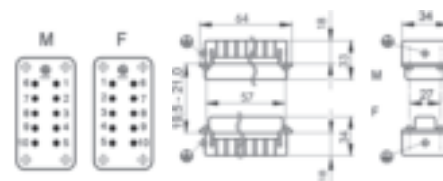
Article number	Article	Version	Wire protection	Article designation	Contacts	Pieces / PU
H-BE 6 screw termination						
10190000	H-BE 6 SS	male	yes		1 - 6	10
10191000	H-BE 6 BS	female	yes		1 - 6	10
10190100	H-BE 6 SS	male			1 - 6	10
10191100	H-BE 6 BS	female			1 - 6	10
H-BE 6 crimp termination						
10180000	H-BE 6 SCM	male		machined	1 - 6	10
10181000	H-BE 6 BCM	female		machined	1 - 6	10
H-BE 6 cage clamp termination						
10400000	H-BE 6 SF	male			1 - 6	10
10401000	H-BE 6 BF	female			1 - 6	10

Photographs are not to scale and do not represent detailed images of the respective products.

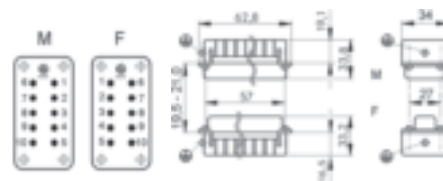
EPIC® H-BE 10 Screw termination



EPIC® H-BE 10 Crimp termination



EPIC® H-BE 10 Cage clamp



■ Suitable housing:

- EPIC® H-B 10 Housings Page 532
- EPIC® QUICK & EASY Mounting system Page 579
- EPIC® ULTRA H-B 10 TS QB Page 523
- EPIC® ULTRA H-B 10 AG QB Page 523
- Refer to Selection Table A10 to select the required inserts and housings

■ Suitable contacts:

EPIC® H-BE 10 Crimp termination

- EPIC® H-BE 2.5 machined contacts Page 490

■ Suitable tools

EPIC® H-BE 10 Screw termination

- MULTICRIMP 6 crimping pliers refer to page 915
- Kraftform® adjustable torque screwdriver / Kraftform Kompakt® Set refer to page 976
- Recommended crimping tool when conductor end-sleeves are used

■ Benefits

- Standard inserts with screw, crimp and cage clamp termination
- The EPIC® H-BE series is suitable for applications that require a reliable connection when working with high voltages and currents

■ Technical data

Rated voltage (V)

IEC: 500 V
UL: 600 V
CSA: 600 V

Rated impulse voltage

6 kV

Rated current (A)

IEC: 16 A
UL: 16 A
CSA: 16 A

Degree of soiling

3

Contact resistance

EPIC® H-BE 10 Screw termination

< 2 mOhm

EPIC® H-BE 10 Crimp termination

< 2 mOhm

EPIC® H-BE 10 Cage clamp

1.5 - 4 mohm

Contacts

EPIC® H-BE 10 Screw termination

Copper alloy, hard silver-plated

EPIC® H-BE 10 Crimp termination

Copper alloy, hard silver/gold-plated

EPIC® H-BE 10 Cage clamp

Copper alloy, hard silver-plated

Number of contacts

10 + PE

Termination methods

EPIC® H-BE 10 Screw termination

Screw termination: 0.5 - 2.5 mm²

EPIC® H-BE 10 Crimp termination

Crimp termination: 0.5 - 4.0 mm²

EPIC® H-BE 10 Cage clamp

Cage clamp termination: 0.5 - 2.5 mm²

Cycle of mechanical operation

100



Temperature range

-40 °C to +100 °C, short-term up to +125 °C



VDE-tested

EPIC® H-BE 10 Screw termination

Certified production control: VDE-REG. no. 437

EPIC® H-BE 10 Crimp termination

Certified production control: VDE-REG. no. 437

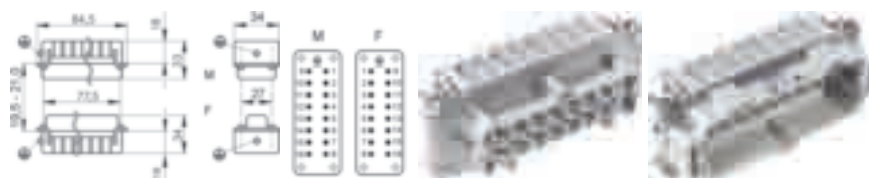
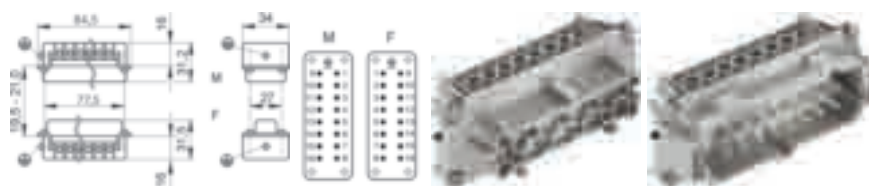
■ Application range

- Mechanical engineering
- Light & sound technology
- Plastics industry

Article number	Article	Version	Wire protection	Article designation	Contacts	Pieces / PU
H-BE 10 screw termination						
10192000	H-BE 10 SS	male	yes		1 - 10	10
10193000	H-BE 10 BS	female	yes		1 - 10	10
10192100	H-BE 10 SS	male			1 - 10	10
10193100	H-BE 10 BS	female			1 - 10	10
H-BE 10 crimp termination						
10182000	H-BE 10 SCM	male		machined	1 - 10	10
10183000	H-BE 10 BCM	female		machined	1 - 10	10
H-BE 10 cage clamp termination						
10400100	H-BE 10 SF	male			1 - 10	10
10401100	H-BE 10 BF	female			1 - 10	10

Photographs are not to scale and do not represent detailed images of the respective products.

For current information see: www.lappgroup.com



■ Suitable housing:

- EPIC® H-B 16 Housings Page 545
- EPIC® QUICK & EASY Mounting system Page 579
- EPIC® ULTRA H-B 16 TS QB Page 524
- EPIC® ULTRA H-B 16 AG QB Page 524
- Refer to Selection Table A10 to select the required inserts and housings

■ Suitable contacts:

EPIC® H-BE 16 Screw termination

- EPIC® H-BE 2.5 machined contacts Page 490

■ Suitable tools

EPIC® H-BE 16 Screw termination

- MULTICRIMP 6 crimping pliers refer to page 915
- Kraftform® adjustable torque screwdriver/ Kraftform Kompakt® Set refer to page 976
- Recommended crimping tool when conductor end-sleeves are used

■ Benefits

- Standard inserts with screw, crimp and cage clamp termination
- The EPIC® H-BE series is suitable for applications that require a reliable connection when working with high voltages and currents

■ Technical data

Rated voltage (V)

IEC: 500 V
UL: 600 V
CSA: 600 V

Rated impulse voltage

6 kV

Rated current (A)

IEC: 16 A
UL: 16 A
CSA: 16 A

Degree of soiling

3

Contact resistance

EPIC® H-BE 16 Screw termination

< 2 mOhm

EPIC® H-BE 16 Crimp termination

< 2 mOhm

EPIC® H-BE 16 Cage clamp

1.5 - 4 mohm

Contacts

EPIC® H-BE 16 Screw termination

Copper alloy, hard silver-plated

EPIC® H-BE 16 Crimp termination

Copper alloy, hard silver/gold-plated

EPIC® H-BE 16 Cage clamp

Copper alloy, hard silver-plated

Number of contacts

16 + PE

Termination methods

EPIC® H-BE 16 Screw termination

Screw termination: 0.5 - 2.5 mm²

EPIC® H-BE 16 Crimp termination

Crimp termination: 0.5 - 4.0 mm²

EPIC® H-BE 16 Cage clamp

Cage clamp termination: 0.5 - 2.5 mm²

Cycle of mechanical operation

100



Temperature range

-40 °C to +100 °C, short-term up to +125 °C



VDE-tested

EPIC® H-BE 16 Screw termination

Certified production control: VDE-REG. no. 437

EPIC® H-BE 16 Crimp termination

Certified production control: VDE-REG. no. 437

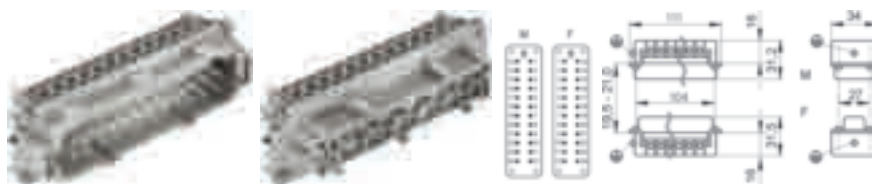
■ Application range

- Mechanical engineering
- Light & sound technology
- Plastics industry

Article number	Article	Version	Wire protection	Article designation	Contacts	Pieces / PU
H-BE 16 screw termination						
10194000	H-BE 16 SS	male	yes		1-16	5
10195000	H-BE 16 BS	female	yes		1-16	5
10194100	H-BE 16 SS	male			1-16	5
10195100	H-BE 16 BS	female			1-16	5
H-BE 16 crimp termination						
10184000	H-BE 16 SCM	male		machined	1-16	5
10185000	H-BE 16 BCM	female		machined	1-16	5
H-BE 16 cage clamp termination						
10400200	H-BE 16 SF	male			1-16	5
10401200	H-BE 16 BF	female			1-16	5

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® H-BE 24 Screw termination



EPIC® H-BE 24 Crimp termination



EPIC® H-BE 24 Cage clamp



Suitable housing:

- EPIC® H-B 24 Housings Page 559
- EPIC® QUICK & EASY Mounting system Page 579
- EPIC® ULTRA H-B 24 TS QB Page 525
- EPIC® ULTRA H-B 24 AG QB Page 525
- Refer to Selection Table A10 to select the required inserts and housings

Suitable contacts:

EPIC® H-BE 24 Crimp termination

- EPIC® H-BE 2.5 machined contacts Page 490

Suitable tools

EPIC® H-BE 24 Screw termination

- MULTICRIMP 6 crimping pliers refer to page 915
- Kraftform® adjustable torque screwdriver / Kraftform Kompakt® Set refer to page 976
- Recommended crimping tool when conductor end-sleeves are used

Benefits

- Standard inserts with screw, crimp and cage clamp termination
- The EPIC® H-BE series is suitable for applications that require a reliable connection when working with high voltages and currents

Technical data

Rated voltage (V)

IEC: 500 V

UL: 600 V

CSA: 600 V

Rated impulse voltage

6 kV

Rated current (A)

IEC: 16 A

UL: 16 A

CSA: 16 A

Degree of soiling

3

Contact resistance

EPIC® H-BE 24 Screw termination

< 2 mOhm

EPIC® H-BE 24 Crimp termination

< 2 mOhm

EPIC® H-BE 24 Cage clamp

1.5 - 4 mohm

Contacts

EPIC® H-BE 24 Screw termination

Copper alloy, hard silver-plated

EPIC® H-BE 24 Crimp termination

Copper alloy, hard silver / gold-plated

EPIC® H-BE 24 Cage clamp

Copper alloy, hard silver-plated

Number of contacts

24 + PE

Termination methods

EPIC® H-BE 24 Screw termination

Screw termination: 0.5 - 2.5 mm²

EPIC® H-BE 24 Crimp termination

Crimp termination: 0.5 - 4.0 mm²

EPIC® H-BE 24 Cage clamp

Cage clamp termination: 0.5 - 2.5 mm²

Cycle of mechanical operation

100



Temperature range

-40 °C to +100 °C, short-term up to +125 °C



VDE-tested

EPIC® H-BE 24 Screw termination

Certified production control: VDE-REG. no.

437

EPIC® H-BE 24 Crimp termination

Certified production control: VDE-REG. no.

437

Application range

- Mechanical engineering
- Light & sound technology
- Plastics industry

Article number	Article	Version	Wire protection	Article designation	Contacts	Pieces / PU
H-BE 24 screw termination						
10196000	H-BE 24 SS	male	yes		1 - 24	5
10197000	H-BE 24 BS	female	yes		1 - 24	5
10196100	H-BE 24 SS	male			1 - 24	5
10197100	H-BE 24 BS	female			1 - 24	5
H-BE 24 crimp termination						
10186000	H-BE 24 SCM	male		machined	1 - 24	5
10187000	H-BE 24 BCM	female		machined	1 - 24	5
H-BE 24 cage clamp termination						
10400300	H-BE 24 SF	male			1 - 24	5
10401300	H-BE 24 BF	female			1 - 24	5

Photographs are not to scale and do not represent detailed images of the respective products.

For current information see: www.lappgroup.com



EPIC® H-BE 32 Screw termination



EPIC® H-BE 32 Crimp termination



EPIC® H-BE 32 Cage clamp



Suitable housing:

- EPIC® H-B 32 Housings Page 573
- EPIC® QUICK & EASY Mounting system Page 579
- Refer to Selection Table A10 to select the required inserts and housings

Suitable contacts:

EPIC® H-BE 32 Crimp termination

- EPIC® H-BE 2.5 machined contacts Page 490

Benefits

- Standard inserts with screw, crimp and cage clamp termination
- The EPIC® H-BE series is suitable for applications that require a reliable connection when working with high voltages and currents

Application range

- Mechanical engineering
- Light & sound technology
- Plastics industry

Technical data

Rated voltage (V)

IEC: 500 V
UL: 600 V
CSA: 600 V

Rated impulse voltage

6 kV

Rated current (A)

IEC: 16 A
UL: 16 A
CSA: 16 A

Degree of soiling

3

Contact resistance

EPIC® H-BE 32 Screw termination

< 2 mOhm

EPIC® H-BE 32 Crimp termination

< 2 mOhm

EPIC® H-BE 32 Cage clamp

1.5 - 4 mOhm

Contacts

EPIC® H-BE 32 Screw termination

Copper alloy, hard silver-plated

EPIC® H-BE 32 Crimp termination

Copper alloy, hard silver/gold-plated

EPIC® H-BE 32 Cage clamp

Copper alloy, hard silver-plated

Number of contacts

16 + PE

Termination methods

EPIC® H-BE 32 Screw termination

Screw termination: 0.5 - 2.5 mm²

EPIC® H-BE 32 Crimp termination

Crimp termination: 0.5 - 4.0 mm²

EPIC® H-BE 32 Cage clamp

Cage clamp termination: 0.5 - 2.5 mm²

Cycle of mechanical operation

100



Temperature range

-40 °C to +100 °C, short-term up to +125 °C



VDE-tested

EPIC® H-BE 32 Screw termination

Certified production control: VDE-REG. no.

437

EPIC® H-BE 32 Crimp termination

Certified production control: VDE-REG. no.

437

Article number	Article	Version	Wire protection	Article designation	Contacts	Pieces / PU
H-BE 32 screw termination						
10202000	H-BE 16 SS	male	yes		17 - 32	5
10194000	H-BE 16 SS	male	yes		1 - 16	5
10203000	H-BE 16 BS	female	yes		17 - 32	5
10195000	H-BE 16 BS	female	yes		1 - 16	5
10202100	H-BE 16 SS	male			17 - 32	5
10194100	H-BE 16 SS	male			1 - 16	5
10203100	H-BE 16 BS	female			17 - 32	5
10195100	H-BE 16 BS	female			1 - 16	5
H-BE 32 crimp termination						
10184200	H-BE 16 SCM	male		machined	17 - 32	5
10184000	H-BE 16 SCM	male		machined	1 - 16	5
10185200	H-BE 16 BCM	female		machined	17 - 32	5
10185000	H-BE 16 BCM	female		machined	1 - 16	5
H-BE 32 cage clamp termination						
10400400	H-BE 16 SF	male			17 - 32	5
10400200	H-BE 16 SF	male			1 - 16	5
10401400	H-BE 16 BF	female			17 - 32	5
10401200	H-BE 16 BF	female			1 - 16	5

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® H-BE 48 Screw termination



EPIC® H-BE 48 Crimp termination



EPIC® H-BE 48 Cage clamp



Suitable housing:

- EPIC® H-B 48 Housings Page 576
- EPIC® QUICK & EASY Mounting system Page 579
- Refer to Selection Table A10 to select the required inserts and housings

Suitable contacts:

EPIC® H-BE 48 Crimp termination

- EPIC® H-BE 2.5 machined contacts Page 490

Benefits

- Standard inserts with screw, crimp and cage clamp termination
- The EPIC® H-BE series is suitable for applications that require a reliable connection when working with high voltages and currents

Application range

- Mechanical engineering
- Light & sound technology
- Plastics industry

Technical data

Rated voltage (V)

IEC: 500 V
UL: 600 V
CSA: 600 V

Rated impulse voltage

6 kV

Rated current (A)

IEC: 16 A
UL: 16 A
CSA: 16 A

Degree of soiling

3

Contact resistance

EPIC® H-BE 48 Screw termination

< 2 mOhm

EPIC® H-BE 48 Crimp termination

< 2 mOhm

EPIC® H-BE 48 Cage clamp

1.5 - 4 mohm

Contacts

EPIC® H-BE 48 Screw termination

Copper alloy, hard silver-plated

EPIC® H-BE 48 Crimp termination

Copper alloy, hard silver / gold-plated

EPIC® H-BE 48 Cage clamp

Copper alloy, hard silver-plated

Number of contacts

24 + PE

Termination methods

EPIC® H-BE 48 Screw termination

Screw termination: 0.5 - 2.5 mm²

EPIC® H-BE 48 Crimp termination

Crimp termination: 0.5 - 4.0 mm²

EPIC® H-BE 48 Cage clamp

Cage clamp termination: 0.5 - 2.5 mm²

Cycle of mechanical operation

100



Temperature range

-40 °C to +100 °C, short-term up to +125 °C



VDE-tested

EPIC® H-BE 48 Screw termination

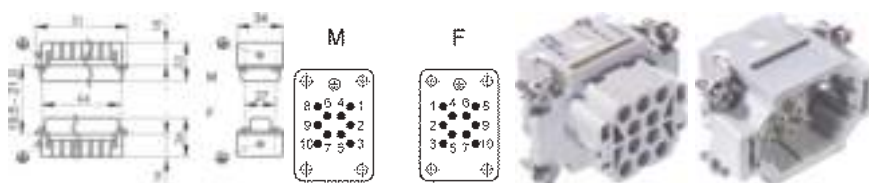
Certified production control: VDE-REG. no. 437

EPIC® H-BE 48 Crimp termination

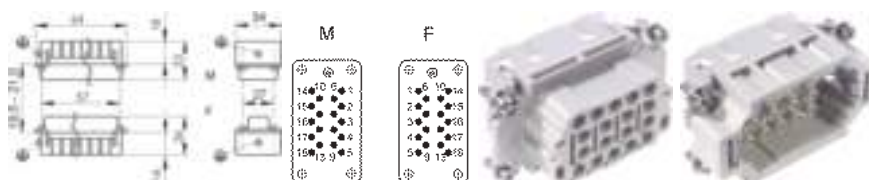
Certified production control: VDE-REG. no. 437

Article number	Article	Version	Wire protection	Article designation	Contacts	Pieces / PU
H-BE 48 screw termination						
10204000	H-BE 24 SS	male	yes		25 - 48	5
10196000	H-BE 24 SS	male	yes		1 - 24	5
10205000	H-BE 24 BS	female	yes		25 - 48	5
10197000	H-BE 24 BS	female	yes		1 - 24	5
10204100	H-BE 24 SS	male			25 - 48	5
10196100	H-BE 24 SS	male			1 - 24	5
10205100	H-BE 24 BS	female			25 - 48	5
10197100	H-BE 24 BS	female			1 - 24	5
H-BE 48 crimp termination						
10186200	H-BE 24 SCM	male		machined	25 - 48	5
10186000	H-BE 24 SCM	male		machined	1 - 24	5
10187200	H-BE 24 BCM	female		machined	25 - 48	5
10187000	H-BE 24 BCM	female		machined	1 - 24	5
H-BE 48 cage clamp termination						
10400500	H-BE 24 SF	male			25 - 48	5
10400300	H-BE 24 SF	male			1 - 24	5
10401500	H-BE 24 BF	female			25 - 48	5
10401300	H-BE 24 BF	female			1 - 24	5

Photographs are not to scale and do not represent detailed images of the respective products.



EPIC® H-EE 10



EPIC® H-EE 18

Suitable housing:

EPIC® H-EE 10

- EPIC® H-B 6 Housings Page 526
- EPIC® ULTRA H-B 6 TG LB Page 521
- EPIC® ULTRA H-B 6 TS LB Page 521
- EPIC® ULTRA H-B 6 AG LB Page 522
- EPIC® ULTRA H-B 6 SGR LB Page 522
- EPIC® QUICK & EASY Mounting system Page 579

EPIC® H-EE 18

- EPIC® H-B 10 Housings Page 532
- EPIC® ULTRA H-B 10 TS QB Page 523
- EPIC® ULTRA H-B 10 AG QB Page 523
- Refer to Selection Table A10 to select the required inserts and housings

Technical data

Rated voltage (V)

IEC: 500 V

UL: 600 V

CSA: 600 V

Rated impulse voltage

6 kV

Rated current (A)

IEC: 16 A

UL: 16 A

CSA: 16 A

Degree of soiling

3

Contact resistance

< 2 mOhm

Contacts

Copper alloy, hard silver/gold-plated

Number of contacts

EPIC® H-EE 10

10 + PE

EPIC® H-EE 18

18 + PE

Termination methods

Crimp termination: 0.5 - 4.0 mm²

Cycle of mechanical operation

100

Temperature range

-40 °C to +100 °C, short-term up to +125 °C



Suitable contacts:

- EPIC® H-BE 2.5 machined contacts Page 490

Benefits

- The H-EE inserts with machined contacts for a high number of pins in very tight spaces. For assembly in H-B housing.

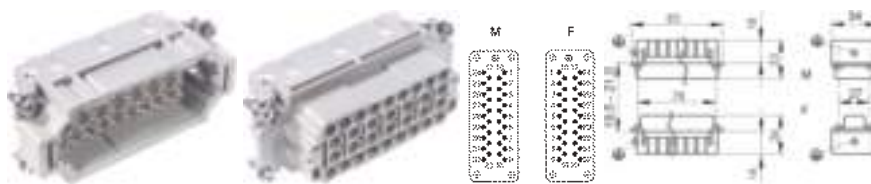
Application range

- Mechanical engineering

Article number	Article	Version	Article designation	Contacts	Pieces / PU
H-EE 10 crimp termination					
10180400	H-EE 10 SC	male	machined	1 - 10	10
10181400	H-EE 10 BC	female	machined	1 - 10	10
H-EE 18 crimp termination					
10182400	H-EE 18 SC	male	machined	1 - 18	10
10183400	H-EE 18 BC	female	machined	1 - 18	10

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® H-EE 32



EPIC® H-EE 46



Suitable housing:

EPIC® H-EE 32

- EPIC® H-B 16 Housings Page 545
- EPIC® ULTRA H-B 16 TS QB Page 524
- EPIC® ULTRA H-B 16 AG QB Page 524
- EPIC® QUICK & EASY Mounting system Page 579

EPIC® H-EE 46

- EPIC® H-B 24 Housings Page 559
- EPIC® ULTRA H-B 24 TS QB Page 525
- EPIC® ULTRA H-B 24 AG QB Page 525
- Refer to Selection Table A10 to select the required inserts and housings

Suitable contacts:

- EPIC® H-BE 2.5 machined contacts Page 490

Benefits

- The H-EE inserts with machined contacts for a high number of pins in very tight spaces. For assembly in H-B housing.

Application range

- Mechanical engineering

Technical data

Rated voltage (V)

IEC: 500 V
UL: 600 V
CSA: 600 V

Rated impulse voltage

6 kV

Rated current (A)

IEC: 16 A
UL: 16 A
CSA: 16 A

Degree of soiling

3

Contact resistance

< 2 mOhm

Contacts

Copper alloy, hard silver/gold-plated

Number of contacts

EPIC® H-EE 32

32 + PE

EPIC® H-EE 46

46 + PE

Termination methods

Crimp termination: 0.5 - 4.0 mm²

Cycle of mechanical operation

100



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	Version	Article designation	Contacts	Pieces / PU
H-EE 32 crimp termination					
10184400	H-EE 32 SC	male	machined	1 - 32	5
10185400	H-EE 32 BC	female	machined	1 - 32	5
H-EE 46 crimp termination					
10186400	H-EE 46 SC	male	machined	1 - 46	5
10187400	H-EE 46 BC	female	machined	1 - 46	5

Photographs are not to scale and do not represent detailed images of the respective products.



EPIC® H-EE 64



EPIC® H-EE 92

Suitable housing:

EPIC® H-EE 64

- EPIC® H-B 32 Housings Page 573
- EPIC® QUICK & EASY Mounting system Page 579

EPIC® H-EE 92

- EPIC® H-B 48 Housings Page 576
- Refer to Selection Table A10 to select the required inserts and housings

Suitable contacts:

- EPIC® H-BE 2.5 machined contacts Page 490

Benefits

- The H-EE inserts with machined contacts for a high number of pins in very tight spaces. For assembly in H-B housing.

Application range

- Mechanical engineering

Technical data

Rated voltage (V)

IEC: 500 V
UL: 600 V
CSA: 600 V

Rated impulse voltage

6 kV

Rated current (A)

IEC: 16 A
UL: 16 A
CSA: 16 A

Degree of soiling

3

Contact resistance

< 2 mOhm

Contacts

Copper alloy, hard silver/gold-plated

Number of contacts

EPIC® H-EE 64

32 + PE

EPIC® H-EE 92

46 + PE

Termination methods

Crimp termination: 0.5 - 4.0 mm²

Cycle of mechanical operation

100

Temperature range

-40 °C to +100 °C, short-term up to +125 °C



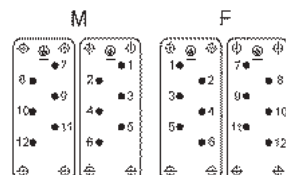
Article number	Article	Version	Article designation	Contacts	Pieces / PU
H-EE 64 crimp termination					
10184500	H-EE 32 SC	male	machined	33 - 64	5
10184400	H-EE 32 SC	male	machined	1 - 32	5
10185500	H-EE 32 BC	female	machined	33 - 64	5
10185400	H-EE 32 BC	female	machined	1 - 32	5
H-EE 92 crimp termination					
10186500	H-EE 46 SC	male	machined	47 - 92	5
10186400	H-EE 46 SC	male	machined	1 - 46	5
10187500	H-EE 46 BC	female	machined	47 - 92	5
10187400	H-EE 46 BC	female	machined	1 - 46	5

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® H-BS 6



EPIC® H-BS 12



Suitable housing:

EPIC® H-BS 6

- EPIC® H-B 16 Housings Page 545
- EPIC® ULTRA H-B 16 TS QB Page 524
- EPIC® ULTRA H-B 16 AG QB Page 524
- EPIC® QUICK & EASY Mounting system Page 579

EPIC® H-BS 12

- EPIC® H-B 32 Housings Page 573
- Refer to Selection Table A10 to select the required inserts and housings

Benefits

EPIC® H-BS 6

- For currents up to 35 A
- With screw termination up to a conductor cross section of 6 mm²

EPIC® H-BS 12

- For currents up to 35 A
- With screw termination up to a conductor cross section of 6 mm²
- Two H-BS 6 inserts with different contact-numbering for one housing.

Application range

- Plant engineering

Suitable tools

- Kraftform® adjustable torque screwdriver/
Kraftform Kompakt® Set refer to page 976

Technical data

Rated voltage (V)

IEC: 500 V
UL: 600 V
CSA: 600 V
Conductor - conductor: 690 V

Rated impulse voltage

6 kV

Rated current (A)

IEC: 35 A
UL: 35 A
CSA: 35 A

Degree of soiling

3

Contact resistance

< 2 mOhm

Contacts

Copper alloy, hard silver-plated

Number of contacts

EPIC® H-BS 6

6 + PE

EPIC® H-BS 12

12 + PE

Termination methods

Screw termination: 0.5 - 6 mm²

Cycle of mechanical operation

100



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

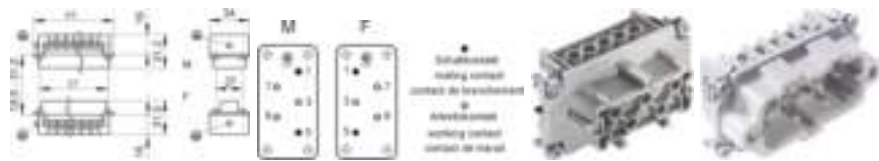


VDE-tested

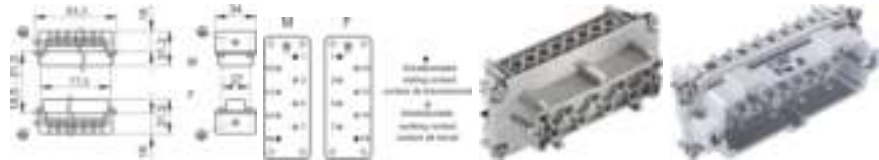
Certified production control: VDE-REG. no. 437

Article number	Article	Version	Wire protection	Contacts	Pieces / PU
H-BS 6 screw termination					
10170000	H-BS 6 SS	male	yes	1 - 6	5
10171000	H-BS 6 BS	female	yes	1 - 6	5
H-BS 12 screw termination					
10170600	H-BS 6 SS	male	yes	7 - 12	5
10170000	H-BS 6 SS	male	yes	1 - 6	5
10171600	H-BS 6 BS	female	yes	7 - 12	5
10171000	H-BS 6 BS	female	yes	1 - 6	5

Photographs are not to scale and do not represent detailed images of the respective products.



EPIC® H-BVE 3



EPIC® H-BVE 6



EPIC® H-BVE 10

■ Suitable housing:

EPIC® H-BVE 3

- EPIC® H-B 10 Housings Page 532
- EPIC® ULTRA H-B 10 TS QB Page 523
- EPIC® ULTRA H-B 10 AG QB Page 523
- EPIC® QUICK & EASY Mounting system Page 579

EPIC® H-BVE 6

- EPIC® H-B 16 Housings Page 545
- EPIC® ULTRA H-B 16 TS QB Page 524
- EPIC® ULTRA H-B 16 AG QB Page 524

EPIC® H-BVE 10

- EPIC® H-B 24 Housings Page 559
- EPIC® ULTRA H-B 24 TS QB Page 525
- EPIC® ULTRA H-B 24 AG QB Page 525
- Refer to Selection Table A10 to select the required inserts and housings

■ Technical data

Rated voltage (V)

IEC: 630 V
UL: 600 V
CSA: 600V

Rated impulse voltage

6 kV

Rated current (A)

IEC: 16 A
UL: 16 A
CSA: 16 A

Degree of soiling

3

Contact resistance

< 2 mOhm

Contacts

Copper alloy, hard silver-plated

Number of contacts

EPIC® H-BVE 3

3 + 2 + PE

EPIC® H-BVE 6

6 + 2 + PE

EPIC® H-BVE 10

10 + 2 + PE

Termination methods

Screw termination: 0.5 - 2.5 mm²

Cycle of mechanical operation

100



Temperature range

-40 °C to +100 °C, short-term up to +125 °C



VDE-tested

Certified production control: VDE-REG. no. 437

■ Suitable tools

- Kraftform® adjustable torque screwdriver/ Kraftform Kompakt® Set refer to page 976

■ Benefits

- These high-voltage inserts are additionally equipped with 2 switching contacts
- With the relevant wiring, the lagging switch contacts interrupt the power supply before the working contacts are separated

■ Application range

- Plant engineering

Article number	Article	Version	Wire protection	Contacts	Pieces / PU
H-BVE 3 screw termination					
10210010	H-BVE 3 SS	male	yes	3 + 2	10
10211010	H-BVE 3 BS	female	yes	3 + 2	10
10210110	H-BVE 3 SS	male		3 + 2	10
10211110	H-BVE 3 BS	female		3 + 2	10
H-BVE 6 screw termination					
10239010	H-BVE 6 SS	male	yes	6 + 2	5
10240010	H-BVE 6 BS	female	yes	6 + 2	5
10239110	H-BVE 6 SS	male		6 + 2	5
10240110	H-BVE 6 BS	female		6 + 2	5
H-BVE 10 screw termination					
10270010	H-BVE 10 SS	male	yes	10 + 2	5
10271010	H-BVE 10 BS	female	yes	10 + 2	5
10270110	H-BVE 10 SS	male		10 + 2	5
10271110	H-BVE 10 BS	female		10 + 2	5

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® TB-H-BE 16



EPIC® TB-H-BE 24



Suitable housing:

EPIC® TB-H-BE 16

- EPIC® ULTRA H-B 16 TS QB Page 524
- EPIC® ULTRA H-B 16 AG QB Page 524
- EPIC® H-B 16 AG-LB Page 550
- EPIC® H-B 16 AD-LB Page 550
- EPIC® H-B 16 AG Page 550
- EPIC® H-B 16 AD-BO Page 551
- EPIC® H-B 16 AG-ZR Page [P447]

EPIC® TB-H-BE 24

- EPIC® ULTRA H-B 24 AG QB Page 525
- EPIC® H-B 24 AG-LB Page 564
- EPIC® H-B 24 AD-LB Page 564
- EPIC® H-B 24 AG Page 564
- EPIC® H-B 24 AD-BO Page 564
- EPIC® H-B 24 AG-ZR Page [P953]

Benefits

- Standard H-BE inserts for use with switch cabinets
- Pluggable with H-BE male inserts in hoods
- Fastening on side = "left" means that when mounting the terminal adapter on the left wall of a control cabinet, the PE connection and pin "1" are on the "top" side

Application range

- Plant engineering

Technical data

Rated voltage (V)

IEC: 500 V

UL: 600 V

CSA: 600 V

Rated impulse voltage

6 kV

Rated current (A)

IEC: 16 A

UL: 16 A

CSA: 16 A

Degree of soiling

3

Contacts

Copper alloy, hard silver-plated

Number of contacts

EPIC® TB-H-BE 16

16 + PE

EPIC® TB-H-BE 24

24 + PE

Termination methods

Screw termination: 0.5 - 4 mm²

Cycle of mechanical operation

200



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	Version	Fastening on side	Contacts	Pieces / PU
16-pin terminal adapter					
70315100	TB-H-BE 16 BRE	female	right	1 - 16	10
70314100	TB-H-BE 16 BLI	female	left	1 - 16	10
24-pin terminal adapter					
70317100	TB-H-BE 24 BRE	female	right	1 - 24	10
70316100	TB-H-BE 24 BLI	female	left	1 - 24	10

Photographs are not to scale and do not represent detailed images of the respective products.



Info

- Power and signal modules can be used together in one housing

EPIC® MC Module: High Current 1+PE



Info

- Power and signal modules can be used together in one housing

EPIC® MC Module: High Current 2pole



Info

- Power and signal modules can be used together in one housing

EPIC® MC Module: High Voltage 3pole



■ Suitable housing:

EPIC® MC Module: High Current 1+PE

- EPIC® MCR Frames Page 485
- Higher housing
- The suitable connector housings depend on the modular frame used

EPIC® MC Module: High Current 2pole

- Higher housing
- The suitable connector housings depend on the modular frame used

EPIC® MC Module: High Voltage 3pole

- EPIC® MC 3.6 machined contacts Page 494
- The suitable connector housings depend on the modular frame used

■ Suitable contacts:

EPIC® MC Module: High Voltage 3pole

- EPIC® MC 3.6 machined contacts Page 494

■ Suitable tools

EPIC® MC Module: High Current 1+PE

- PEW 12 universal tool refer to page 932
- When connecting 25 mm² cables, please use the special crimping die (11147500) for the cable-end sleeves

EPIC® MC Module: High Current 2pole

- PEW 12 universal tool refer to page 932
- When connecting 25 mm² cables, please use the special crimping die (11147500) for the cable-end sleeves

■ Technical data

Rated voltage (V)

EPIC® MC Module: High Current 1+PE

IEC: 1000 V

UL: 600 V

CSA: 600 V

EPIC® MC Module: High Current 2pole

IEC: 1000 V

UL: 600 V

CSA: 600 V

EPIC® MC Module: High Voltage 3pole

1000 V

Rated current (A)

EPIC® MC Module: High Current 1+PE

82 A

EPIC® MC Module: High Current 2pole

82 A

EPIC® MC Module: High Voltage 3pole

50 A

Degree of soiling

3

Contact resistance

< 2 mOhm

Contacts

Copper alloy, hard silver-plated

Number of contacts

EPIC® MC Module: High Current 1+PE

1 + PE

EPIC® MC Module: High Current 2pole

2

EPIC® MC Module: High Voltage 3pole

3

Termination methods

EPIC® MC Module: High Current 1+PE

Screw termination: 10.0 - 25.0 mm²

EPIC® MC Module: High Current 2pole

Screw termination: 10.0 - 25.0 mm²

EPIC® MC Module: High Voltage 3pole

Crimp termination: 1.5 - 10.0 mm²

Cycle of mechanical operation

100



Temperature range

-40 °C to +100 °C, short-term up to +125 °C



VDE-tested

EPIC® MC Module: High Current 1+PE

Certified production control: VDE-REG. no. 870

EPIC® MC Module: High Current 2pole

Certified production control: VDE-REG. no. 870

■ Benefits

- The mixed assembly guarantees high flexibility
- Assemble special connectors that match your specific applications

■ Application range

- Plant engineering
- Printing machines
- Control engineering

Article number	Article	Version	Contacts	Pieces / PU
Module: high current 1-pin + PE (occupies 2 slots in the MCR frame)				
10344600	MCS-HC 1+PE	male	1 + PE	5
10345600	MCB-HC 1+PE	female	1 + PE	5
Module: high current 2-pin (occupies 2 slots in the MCR frame)				
10344100	MCS-HC 2	male	2	5
10345100	MCB-HC 2	female	2	5
Module: high voltage 3-pin				
10399800	MCS 3 CM-HV	male	3	10
10399900	MCB 3 CM-HV	female	3	10

Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories

- EPIC® MC Module removal tool refer to page 484
- EPIC® MCR Frames refer to page 485

EPIC® MC Module: High Voltage 4+PE



Info

- Power and signal modules can be used together in one housing

EPIC® MC Module: 3pole



Info

- Power and signal modules can be used together in one housing

EPIC® MC Module: HE 4pole



Info

- Power and signal modules can be used together in one housing

Suitable housing:

- EPIC® MCR Frames Page 485
- The suitable connector housings depend on the modular frame used

Suitable contacts:

EPIC® MC Module: High Voltage 4+PE

- EPIC® MC 2.5 stamped contacts Page 492
- EPIC® MC 2.5 stamped contacts-on-reel Page 493

EPIC® MC Module: 3pole

- EPIC® MC 3.6 machined contacts Page 494

EPIC® MC Module: HE 4pole

- EPIC® H-BE 2.5 machined contacts Page 490

Benefits

- The mixed assembly guarantees high flexibility
- Assemble special connectors that match your specific applications

Technical data

Rated voltage (V)

EPIC® MC Module: High Voltage 4+PE
1000 V

EPIC® MC Module: 3pole
630 V

EPIC® MC Module: HE 4pole
630 V

Rated current (A)

EPIC® MC Module: High Voltage 4+PE
16 A

EPIC® MC Module: 3pole
40 A

EPIC® MC Module: HE 4pole
25 A

Degree of soiling

3

Contact resistance

< 2 mOhm

Contacts

Copper alloy, hard silver-plated

Number of contacts

EPIC® MC Module: High Voltage 4+PE
4 + PE

EPIC® MC Module: 3pole
3

EPIC® MC Module: HE 4pole
4

Termination methods

EPIC® MC Module: High Voltage 4+PE

Crimp termination: 0.5 - 2.5 mm²

EPIC® MC Module: 3pole

Crimp termination: 1.5 - 10.0 mm²

EPIC® MC Module: HE 4pole

Crimp termination: 0.5 - 4.0 mm²

Cycle of mechanical operation

100



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Application range

- Plant engineering
- Printing machines
- Control engineering

Article number	Article	Version	Contacts	Pieces / PU
Module: high voltage 4-pin + PE				
10383200	MCS 5 CG	male	4 + PE	10
10383300	MCB 5 CG	female	4 + PE	10
Module: 3-pin				
10382000	MCS 3 CM	male	3	10
10382100	MCB 3 CM	female	3	10
Module: 4-pin HE				
10399000	MCS 4 CM	male	4	10
10399100	MCB 4 CM	female	4	10

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

- EPIC® MC Module removal tool refer to page 484
- EPIC® MCR Frames refer to page 485



Info

- Power and signal modules can be used together in one housing



Info

- Power and signal modules can be used together in one housing



Info

- Power and signal modules can be used together in one housing

Suitable housing:

- EPIC® MCR Frames Page 485
- The suitable connector housings depend on the modular frame used

Suitable contacts:

EPIC® MC Module: 5pole

- EPIC® MC 2.5 machined contacts Page 491

EPIC® MC Module: 10pole

- EPIC® H-D 1.6 machined contacts Page 487

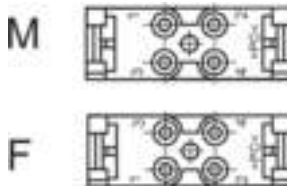
Benefits

- The mixed assembly guarantees high flexibility
- Assemble special connectors that match your specific applications

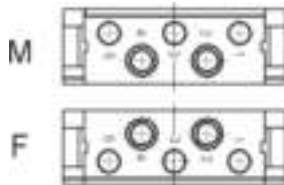
Application range

- Plant engineering
- Printing machines
- Control engineering

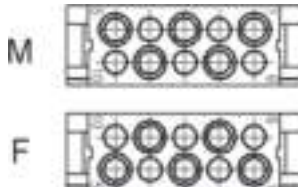
EPIC® MC Module: Cage clamp 4pole



EPIC® MC Module: 5pole



EPIC® MC Module: 10pole



Technical data

Rated voltage (V)
400 V

Rated current (A)

EPIC® MC Module: Cage clamp 4pole

14 A

EPIC® MC Module: 5pole

20 A

EPIC® MC Module: 10pole

max. 10 A

Degree of soiling
3

Contact resistance

EPIC® MC Module: Cage clamp 4pole

1.5 - 4 mohm

EPIC® MC Module: 5pole

< 2 mOhm

EPIC® MC Module: 10pole

< 2 mOhm

Contacts

EPIC® MC Module: Cage clamp 4pole

Copper alloy, hard silver-plated

EPIC® MC Module: 5pole

Copper alloy, hard silver-plated

EPIC® MC Module: 10pole

Copper alloy, hard silver/gold-plated

Number of contacts

EPIC® MC Module: Cage clamp 4pole

4

EPIC® MC Module: 5pole

5

EPIC® MC Module: 10pole

10

Termination methods

EPIC® MC Module: Cage clamp 4pole

Cage clamp termination: 0.5 - 2.5 mm²

EPIC® MC Module: 5pole

Crimp termination: 0.5 - 4.0 mm²

EPIC® MC Module: 10pole

Crimp termination: 0.14 - 2.5 mm²

Cycle of mechanical operation

100



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	Version	Contacts	Pieces / PU
Module: 4-pin cage clamp				
10399600	MCS 4 F	male	4	10
10399700	MCB 4 F	female	4	10
Module: 5-pin				
10382200	MCS 5 CM	male	5	10
10382300	MCB 5 CM	female	5	10
Module: 10-pin				
10382400	MCS 10 CM	male	10	10
10382500	MCB 10 CM	female	10	10

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

- EPIC® MC Module removal tool refer to page 484
- EPIC® MCR Frames refer to page 485

EPIC® MC Module: 10pole stamped



Info

- Power and signal modules can be used together in one housing

EPIC® MC Module: 20pole



Info

- Power and signal modules can be used together in one housing

EPIC® MC Dummy Module



Suitable housing:

- EPIC® MCR Frames Page 485
- The suitable connector housings depend on the modular frame used

Suitable contacts:

EPIC® MC Module: 10pole stamped

- EPIC® H-D 1.6 stamped contacts Page 488
- EPIC® H-D 1.6 stamped contacts-on-reel Page 489

EPIC® MC Module: 20pole

- EPIC® M-D 1.0 D-Sub stamped contacts-on-reel Page 486

Benefits

EPIC® MC Module: 10pole stamped

- The mixed assembly guarantees high flexibility
- Assemble special connectors that match your specific applications

EPIC® MC Module: 20pole

- The mixed assembly guarantees high flexibility
- Assemble special connectors that match your specific applications

EPIC® MC Dummy Module

- The mixed assembly guarantees high flexibility
- Assemble special connectors that match your specific applications
- Dummy module as a placeholder for future expansion

Technical data

Rated voltage (V)

EPIC® MC Module: 10pole stamped

250 V

EPIC® MC Module: 20pole

100 V

Rated current (A)

EPIC® MC Module: 10pole stamped

max. 10 A

EPIC® MC Module: 20pole

4 A

Degree of soiling

EPIC® MC Module: 10pole stamped

3

EPIC® MC Module: 20pole

3

Contact resistance

EPIC® MC Module: 10pole stamped

< 2 mOhm

Contacts

EPIC® MC Module: 10pole stamped

Copper alloy, hard silver/gold-plated

EPIC® MC Module: 20pole

Copper alloy, gold-plated

Number of contacts

EPIC® MC Module: 10pole stamped

10

EPIC® MC Module: 20pole

20

Termination methods

EPIC® MC Module: 10pole stamped

Crimp termination: 0.14 - 2.5 mm²

EPIC® MC Module: 20pole

Crimp termination: 0.08 - 0.56 mm²

Cycle of mechanical operation

EPIC® MC Module: 10pole stamped

100

EPIC® MC Module: 20pole

50



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Application range

- Plant engineering
- Printing machines
- Control engineering

Article number	Article	Version	Contacts	Pieces / PU
Module: 10-pin				
10383400	MCS 10 CG	male	10	10
10383500	MCB 10 CG	female	10	10
Module: 20-pin				
10383600	MCS 20 CG	male	20	10
10383700	MCB 20 CG	female	20	10
Dummy module				
10399400	MCS 0 Blind	male	0	10
10399500	MCB 0 Blind	female	0	10

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

- EPIC® MC Module removal tool refer to page 484
- EPIC® MCR Frames refer to page 485

EPIC® MC Module: Koax 3pole



Info

- New: 75 ohm contacts



EPIC® MC Module: PROFIBUS DP



Info

- Power and signal modules can be used together in one housing



EPIC® MC Module: Universal Bus



Info

- Power and signal modules can be used together in one housing



Suitable housing:

- EPIC® MCR Frames Page 485
- Higher housing
- The suitable connector housings depend on the modular frame used

Suitable contacts:

EPIC® MC Module: Koax 3pole

- EPIC® MC Coax-Contacts Page 495

Application range

EPIC® MC Module: Koax 3pole

- Plant engineering
- Light & sound technology
- Control engineering

EPIC® MC Module: PROFIBUS DP

- Plant engineering
- Control engineering

EPIC® MC Module: Universal Bus

- Plant engineering
- Control engineering

Benefits

- The mixed assembly guarantees high flexibility
- Assemble special connectors that match your specific applications

Technical data

Rated voltage (V)

EPIC® MC Module: Koax 3pole
250 V

EPIC® MC Module: PROFIBUS DP
30 V

EPIC® MC Module: Universal Bus
30 V

Rated current (A)

EPIC® MC Module: PROFIBUS DP
1 A

EPIC® MC Module: Universal Bus
1 A

Degree of soiling

3

Contact resistance

EPIC® MC Module: Koax 3pole
< 2,7 mOhm

Contacts

Copper alloy, gold-plated

Number of contacts

EPIC® MC Module: Koax 3pole
3

EPIC® MC Module: PROFIBUS DP
2 / 4 + shield

EPIC® MC Module: Universal Bus
4 + shield

Termination methods

EPIC® MC Module: Koax 3pole

Solder termination: var. coax cables

EPIC® MC Module: PROFIBUS DP

Screw termination: for Profibus cable

EPIC® MC Module: Universal Bus

Screw termination: 0.08 - 1.5 mm²

Cycle of mechanical operation

100



Temperature range

EPIC® MC Module: Koax 3pole

-40 °C to +100 °C, short-term up to +125 °C

EPIC® MC Module: PROFIBUS DP

-20 °C - +85 °C

EPIC® MC Module: Universal Bus

-20 °C - +85 °C

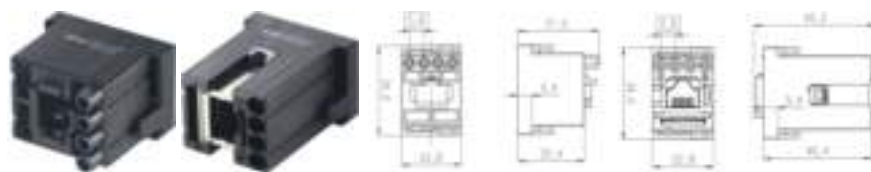
Article number	Article	Version	Contacts	Pieces / PU
Module: 3-pin coax				
10399200	MCS 3 coax	male	3	10
10399300	MCB 3 coax	female	3	10
Module: Profibus DP				
10390400	MCS 2 SS	male	2 + shield	5
10390500	MCS 2 BS	female	2 + shield	5
Module: Universal Bus				
10390600	MCS 4 SS	male	4 + shield	5
10390700	MCS 4 BS	female	4 + shield	5

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

- EPIC® MC Module removal tool refer to page 484
- EPIC® MCR Frames refer to page 485

EPIC® MC Module: RJ45



Info

- Power and signal modules can be used together in one housing

■ Suitable housing:

- EPIC® MCR Frames Page 485
- Higher housing
- The suitable connector housings depend on the modular frame used

■ Suitable contacts:

- EPIC® H-D 1.6 machined contacts Page 487

■ Benefits

- The mixed assembly guarantees high flexibility
- Assemble special connectors that match your specific applications

■ Application range

- Plant engineering
- Control engineering

■ Technical data

Rated voltage (V)
max. 600 V/max. 125 V

Rated current (A)
max. 10 A/max. 1.5 A

Degree of soiling
3

Contacts
Copper alloy, gold-plated

Number of contacts
4 Power + 8 Data

Termination methods
Power: crimp termination: 0.14 - 2.5 mm²,
Data: IDC/piercing termination: Cat5, AWG 24-26

Cycle of mechanical operation
100



Temperature range
-20°C - +85°C

Article number	Article	Version	Contacts	Pieces / PU
Module: RJ 45 (occupies 2 slots in the frame)				
10344300	MCS 8 RJ45	male	4 + 8	5
10345300	MCB 8 RJ45	female	4 + 8	5

Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories

- EPIC® MC Module removal tool refer to page 484
- EPIC® MCR Frames refer to page 485

EPIC® CE6326 Connector RJ45



■ Suitable housing:

- EPIC® MCR Frames Page 485

■ Benefits

- RJ45 connector for use in the module MCS 8 RJ45

■ Application range

- Plant engineering
- Control engineering

■ Suitable tools

- Crimping tool RJ45 Stewart refer to page 420
- Use crimping tool type CE5092

■ Technical data

Rated voltage (V)
max. 125 V

Rated current (A)
max. 1.5 A

Degree of soiling
3

Contacts
Copper alloy, gold-plated

Number of contacts
8

Termination methods
IDC/piercing termination:
Cat 5, AWG 24-26

Cycle of mechanical operation
100



Temperature range
-20°C - +85°C

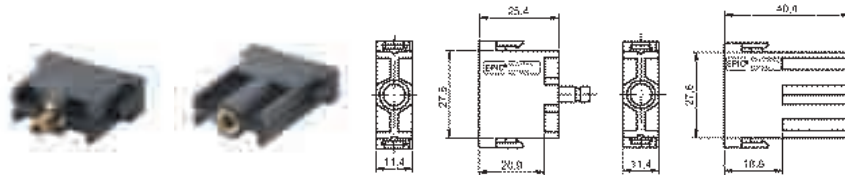
Article number	Article	Version	Contacts	Pieces / PU
RJ45 connector for MCS 8 RJ45				
CE6326	CE6326	male	8	10

Photographs are not to scale and do not represent detailed images of the respective products.

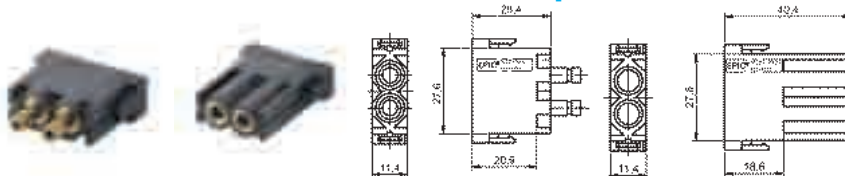
■ Accessories

- EPIC® MCR Frames refer to page 485

EPIC® MC Module Pneumatic 1pole



EPIC® MC Module Pneumatic 2pole



■ Suitable housing:

EPIC® MC Module Pneumatic 1pole

- EPIC® MCR Frames Page 485
- Higher housing
- The suitable connector housings depend on the modular frame used

■ Benefits

- The mixed assembly guarantees high flexibility
- Assemble special connectors that match your specific applications

■ Application range

- Plant engineering
- Printing machines
- Control engineering

■ Technical data

Contacts
Brass

Number of contacts

EPIC® MC Module Pneumatic 1pole
1
EPIC® MC Module Pneumatic 2pole
2

Termination methods

Plug-in connection: for hose with inner diameter 2.5 mm/4.0 mm

Cycle of mechanical operation
100



Temperature range
-20°C to +100°C

Article number	Article	Version	Contacts	Maximum pressure (bar)	Pieces / PU
Module: pneumatic 1-pin					
44424004	MCS 1x2,5 PNEU (10)	male	1	10	10
44424005	MCB 1x2,5 PNEU (10)	female with valve	1	10	10
44424006	MCS 1x4,0 PNEU (10)	male	1	10	10
44424007	MCB 1x4,0 PNEU (10)	female with valve	1	10	10
Module: pneumatic 2-pin					
44424008	MCS 2x2,5 PNEU (10)	male	2	10	10
44424009	MCB 2x2,5 PNEU (10)	female with valve	2	10	10
44424010	MCS 2x4,0 PNEU (10)	male	2	10	10
44424011	MCB 2x4,0 PNEU (10)	female with valve	2	10	10

Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories

- EPIC® MC Module removal tool refer to page 484
- EPIC® MCR Frames refer to page 485

EPIC® MC Module removal tool



■ Suitable housing:

- EPIC® MCR Frames Page 485

■ Benefits

- This tool is used to lift built-in modules out of the module frames

Article number	Article	Pieces / PU
MC module removal tool		
11171200	MC module removal tool	1

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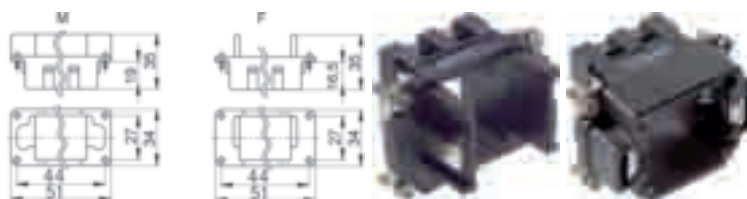
■ Accessories

- EPIC® MCR Frames refer to page 485



Info

- Various modules can be used together in one housing

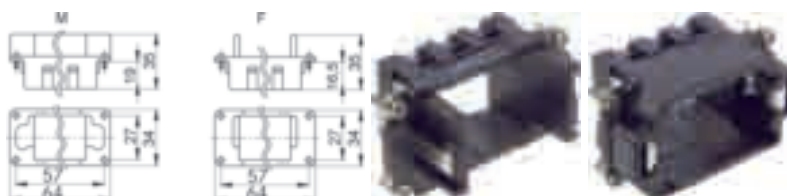


EPIC® MCR 6



Info

- Various modules can be used together in one housing



EPIC® MCR 10



Info

- Various modules can be used together in one housing



EPIC® MCR 16



Info

- Various modules can be used together in one housing



EPIC® MCR 24

Suitable housing:

EPIC® MCR 6

- EPIC® H-B 6 Housings Page 526
- EPIC® ULTRA H-B 6 TG LB Page 521
- EPIC® ULTRA H-B 6 TS LB Page 521
- EPIC® ULTRA H-B 6 AG LB Page 522
- EPIC® ULTRA H-B 6 SGR LB Page 522
- EPIC® QUICK & EASY Mounting system Page 579

EPIC® MCR 10

- EPIC® H-B 10 Housings Page 532

- EPIC® ULTRA H-B 10 TS QB Page 523
- EPIC® ULTRA H-B 10 AG QB Page 523

EPIC® MCR 16

- EPIC® H-B 16 Housings Page 545
- EPIC® ULTRA H-B 16 TS QB Page 524
- EPIC® ULTRA H-B 16 AG QB Page 524

EPIC® MCR 24

- EPIC® H-B 24 Housings Page 559
- EPIC® ULTRA H-B 24 TS QB Page 525
- EPIC® ULTRA H-B 24 AG QB Page 525

Benefits

- The mixed assembly guarantees high flexibility
- Assemble special connectors that match your specific applications

Product features

- The MCR “male” frame version is designed for use with modules with male contacts; the “female” version is designed for use with modules with female contacts

Article number	Article	Number of modules	Version	Pieces / PU
MCR 6 frame				
10381000	MCR 6 S	2	male	5
10381100	MCR 6 B	2	female	5
MCR 10 frame				
10381200	MCR 10 S	3	male	5
10381300	MCR 10 B	3	female	5
MCR 16 frame				
10381400	MCR 16 S	5	male	5
10381500	MCR 16 B	5	female	5
MCR 24 frame				
10381600	MCR 24 S	7	male	5
10381700	MCR 24 B	7	female	5

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® M-D 1.0 D-Sub stamped contacts-on-reel



■ Suitable tools

- Crimping tool for contacts-on-reel D-Sub
- Removal tool

Article number	Article	Version	Conductor cross-section (mm²)	Surface	Stripping length (mm)	Note	Pieces / PU
Contacts							
44429011	EPIC® D-SUB SCBG AU G2 0,08-0,22 (500)	male	0.08 - 0.22	Au (0.8 µm)	2.5 + 0.5	1 reel (PU) = 500 contacts	1
44429007	EPIC® D-SUB BCBG AU G2 0,08-0,22 (500)	female	0.08 - 0.22	Au (0.8 µm)	2.5 + 0.5	1 reel (PU) = 500 contacts	1
44429013	EPIC® D-SUB SCBG AU G3 0,08-0,22 (500)	male	0.08 - 0.22	Au (0.1 µm)	2.5 + 0.5	1 reel (PU) = 500 contacts	1
44429009	EPIC® D-SUB BCBG AU G3 0,08-0,22 (500)	female	0.08 - 0.22	Au (0.1 µm)	2.5 + 0.5	1 reel (PU) = 500 contacts	1
44429012	EPIC® D-SUB SCBG AU G2 0,22-0,56 (500)	male	0.22 - 0.56	Au (0.8 µm)	2.5 + 0.5	1 reel (PU) = 500 contacts	1
44429008	EPIC® D-SUB BCBG AU G2 0,22-0,56 (500)	female	0.22 - 0.56	Au (0.8 µm)	2.5 + 0.5	1 reel (PU) = 500 contacts	1
44429014	EPIC® D-SUB SCBG AU G3 0,22-0,56 (500)	male	0.22 - 0.56	Au (0.1 µm)	2.5 + 0.5	1 reel (PU) = 500 contacts	1
44429010	EPIC® D-SUB BCBG AU G3 0,22-0,56 (500)	female	0.22 - 0.56	Au (0.1 µm)	2.5 + 0.5	1 reel (PU) = 500 contacts	1

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® Tools for M-D 1,0 D-Sub contacts-on-reel stamped



■ Suitable contacts:

- EPIC® M-D 1.0 D-Sub stamped contacts-on-reel Page 486

Article number	Article	Version	Note	Pieces / PU
11158400	Crimping tool	In tool case	Crimping dies included, for contacts H-D 1.0 D-Sub (0.08 - 0.56 mm²)	1
11132500	Removal tool		For ribbon contacts: D-Sub 1.0 stamped	1

Photographs are not to scale and do not represent detailed images of the respective products.



EPIC® H-D 1.6 machined contacts



Suitable tools

- EPIC® Tools for contacts H-D 1.6 machined
- Pneumatic crimping machine for single contacts
- Crimping tool for single contacts
- Crimping dies for single contacts
- Locator
- Removal tool

Article number	Article	Version	Conductor cross-section (mm²)	Cross-section ratio	Surface	Stripping length (mm)	Pieces / PU
Contacts							
13162000	H-D 1.6 machined	male	0.14 - 0.37	1.0	Ag	8.0	100
13163000	H-D 1.6 machined	female	0.14 - 0.37	1.0	Ag	8.0	100
13162100	H-D 1.6 machined	male	0.50	2.0	Ag	8.0	100
13163100	H-D 1.6 machined	female	0.50	2.0	Ag	8.0	100
13162200	H-D 1.6 machined	male	0.75 - 1.00	3.0	Ag	8.0	100
13163200	H-D 1.6 machined	female	0.75 - 1.00	3.0	Ag	8.0	100
13162300	H-D 1.6 machined	male	1.50	4.0	Ag	8.0	100
13163300	H-D 1.6 machined	female	1.50	4.0	Ag	8.0	100
13162400	H-D 1.6 machined	male	2.50	5.0	Ag	5.8	100
13163400	H-D 1.6 machined	female	2.50	5.0	Ag	5.8	100
13162500	H-D 1.6 machined	male	0.14 - 0.37	1.0	Au	8.0	100
13163500	H-D 1.6 machined	female	0.14 - 0.37	1.0	Au	8.0	100
13162600	H-D 1.6 machined	male	0.50	2.0	Au	8.0	100
13163600	H-D 1.6 machined	female	0.50	2.0	Au	8.0	100
13162700	H-D 1.6 machined	male	0.75 - 1.00	3.0	Au	8.0	100
13163700	H-D 1.6 machined	female	0.75 - 1.00	3.0	Au	8.0	100
13162800	H-D 1.6 machined	male	1.50	4.0	Au	8.0	100
13163800	H-D 1.6 machined	female	1.50	4.0	Au	8.0	100
13162900	H-D 1.6 machined	male	2.50	5.0	Au	5.8	100
13163900	H-D 1.6 machined	female	2.50	5.0	Au	5.8	100

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® Tools for contacts H-D 1.6 machined



Product features

- Locator and crimping dies fit together with the crimping tool 11147000 and the crimping machine 11147001

Article number	Article	Version	Note	Pieces / PU
11147000	Crimping tool	In tool case	without crimping dies, without locator	1
11147001	Crimping machine	Pneumatic, 5 - 10 bar	without crimping dies, without locator	1
11147100	Crimping dies	For crimping tools 11147000, 11147001	For contacts: H-D 1.6 machined, H-BE 2.5 machined, MC 2.5 machined	1
11147200	Locator	For crimping tools 11147000, 11147001	For contacts: H-D 1.6 machined, H-BE machined, MC 2.5 machined, MC 2.5 stamped	1
11161000	Removal tool		For contacts: H-D 1.6 machined, H-D 1.6 stamped	1

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® H-D 1.6 stamped contacts



■ Suitable tools

- Pneumatic crimping machine for single contacts
- Crimping tool for single contacts
- Crimping dies for single contacts
- Locator
- Removal tool

Article number	Article	Version	Conductor cross-section (mm²)	Surface	Stripping length (mm)	Pieces / PU
Contacts						
11241100	H-D 1.6 stamped	male	0.14 - 0.50	Ag	2.5 + 0.5	100
11231100	H-D 1.6 stamped	female	0.14 - 0.50	Ag	2.5 + 0.5	100
11221000	H-D 1.6 stamped	male	0.50 - 1.50	Ag	3.5 + 0.5	100
11236100	H-D 1.6 stamped	female	0.50 - 1.50	Ag	3.5 + 0.5	100
11223500	H-D 1.6 stamped	male	1.50 - 2.50	Ag	3.5 + 0.5	100
11228500	H-D 1.6 stamped	female	1.50 - 2.50	Ag	3.5 + 0.5	100
11243100	H-D 1.6 stamped	male	0.14 - 0.50	Au	2.5 + 0.5	100
11233100	H-D 1.6 stamped	female	0.14 - 0.50	Au	2.5 + 0.5	100
11221300	H-D 1.6 stamped	male	0.50 - 1.50	Au	3.5 + 0.5	100
11238100	H-D 1.6 stamped	female	0.50 - 1.50	Au	3.5 + 0.5	100

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® Tools for contacts H-D 1.6 stamped



■ Product features

- Locator and crimping dies fit together with the crimping tool 11147000 and the crimping machine 11147001

Article number	Article	Version	Note	Pieces / PU
11147000	Crimping tool	In tool case	without crimping dies, without locator	1
11147001	Crimping machine	Pneumatic, 5 - 10 bar	without crimping dies, without locator	1
11147170	Crimping dies	For crimping tools 11147000, 11147001	For contacts: H-D 1.6 stamped (0.14 - 0.5 mm²)	1
11147180	Crimping dies	For crimping tools 11147000, 11147001	For contacts: H-D 1.6 stamped (0.5 - 1.5 mm²), MC 2.5 stamped (0.5 - 1.5 mm²)	1
11147190	Crimping dies	For crimping tools 11147000, 11147001	For contacts: H-D 1.6 stamped (1.5 - 2.5 mm²), MC 2.5 stamped (1.5 - 2.5 mm²)	1
11147300	Locator		For contacts: H-D 1.6 machined, H-D 1.6 stamped	1
11161000	Removal tool		For contacts: H-D 1.6 machined, H-D 1.6 stamped	1

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® H-D 1.6 stamped contacts-on-reel



■ Suitable tools

- Crimping tool for contacts-on-reel
- Crimping dies for contacts-on-reel
- Locator
- Removal tool

Article number	Article	Version	Conductor cross-section (mm²)	Surface	Stripping length (mm)	Note	Pieces / PU
Contacts							
11240700	H-D SCBG AG 0.14-0.5 200 LI	male	0.14 - 0.50	Ag	2.5 + 0.5	1 reel (PU) = 200 contacts	1
11230700	H-D BCBG AG 0.14-0.5 200 LI	female	0.14 - 0.50	Ag	2.5 + 0.5	1 reel (PU) = 200 contacts	1
11240400	H-D SCBG AG 0.14-0.5 2000 LI	male	0.14 - 0.50	Ag	2.5 + 0.5	1 reel (PU) = 2000 contacts	1
11230400	H-D BCBG AG 0.14-0.5 2000 LI	female	0.14 - 0.50	Ag	2.5 + 0.5	1 reel (PU) = 2000 contacts	1
11240000	H-D SCBG AG 0.14-0.5 2000 RE	male	0.14 - 0.50	Ag	2.5 + 0.5	1 reel (PU) = 2000 contacts	1
11230000	H-D BCBG AG 0.14-0.5 2000 RE	female	0.14 - 0.50	Ag	2.5 + 0.5	1 reel (PU) = 2000 contacts	1
11240500	H-D SCBG AU 0.14-0.5 2000 LI	male	0.14 - 0.50	Au	2.5 + 0.5	1 reel (PU) = 2000 contacts	1
11230500	H-D BCBG AU 0.14-0.5 2000 LI	female	0.14 - 0.50	Au	2.5 + 0.5	1 reel (PU) = 2000 contacts	1
11220700	H-D SCBG AG 0.5-1.5 200 LI	male	0.50 - 1.50	Ag	3.5 + 0.5	1 reel (PU) = 200 contacts	1
11235700	H-D BCBG AG 0.5-1.5 200 LI	female	0.50 - 1.50	Ag	3.5 + 0.5	1 reel (PU) = 200 contacts	1
11226000	H-D SCBG AG 0.5-1.5 2000 LI	male	0.50 - 1.50	Ag	3.5 + 0.5	1 reel (PU) = 2000 contacts	1
11226500	H-D BCBG AG 0.5-1.5 2000 LI	female	0.50 - 1.50	Ag	3.5 + 0.5	1 reel (PU) = 2000 contacts	1
11220000	H-D SCBG AG 0.5-1.5 2000 RE	male	0.50 - 1.50	Ag	2.5 + 0.5	1 reel (PU) = 2000 contacts	1
11235000	H-D BCBG AG 0.5-1.5 2000 RE	female	0.50 - 1.50	Ag	2.5 + 0.5	1 reel (PU) = 2000 contacts	1
11220100	H-D SCBG AU 0.5-1.5 2000 RE	male	0.50 - 1.50	Au	2.5 + 0.5	1 reel (PU) = 2000 contacts	1
11235200	H-D BCBG AU 0.5-1.5 2000 RE	female	0.50 - 1.50	Au	2.5 + 0.5	1 reel (PU) = 2000 contacts	1
11223000	H-D SCBG AG 1.5-2.5 100 LI	male	1.50 - 2.50	Ag	3.5 + 0.5	1 reel (PU) = 100 contacts	1
11228000	H-D BCBG AG 1.5-2.5 100 LI	female	1.50 - 2.50	Ag	3.5 + 0.5	1 reel (PU) = 100 contacts	1
11222700	H-D SCBG AG 1.5-2.5 2000 LI	male	1.50 - 2.50	Ag	3.5 + 0.5	1 reel (PU) = 2000 contacts	1
11227700	H-D BCBG AG 1.5-2.5 2000 LI	female	1.50 - 2.50	Ag	3.5 + 0.5	1 reel (PU) = 2000 contacts	1

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® Tools for contacts-on-reel H-D 1.6 stamped



Article number	Article	Version	Note	Pieces / PU
11153600	Crimping dies	For crimping tool 11153500	For ribbon contacts: H-D 1.6 stamped (0.14 - 0.5 mm²)	1
11161000	Removal tool		For contacts: H-D 1.6 machined, H-D 1.6 stamped	1

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® H-BE 2.5 machined contacts



Suitable tools

- Pneumatic crimping machine for single contacts
- Crimping tool for single contacts
- Crimping dies for single contacts
- Locator
- Removal tool

Article number	Article	Version	Conductor cross-section (mm²)	Cross-section ratio	Surface	Stripping length (mm)	Pieces / PU
Contacts							
11190000	H-BE 2.5 machined	male	0.50		Ag	7.4	100
11195000	H-BE 2.5 machined	female	0.50		Ag	7.3	100
11190100	H-BE 2.5 machined	male	0.75 - 1.00	1.0	Ag	7.4	100
11195100	H-BE 2.5 machined	female	0.75 - 1.00	1.0	Ag	7.3	100
11190200	H-BE 2.5 machined	male	1.50	2.0	Ag	7.4	100
11195200	H-BE 2.5 machined	female	1.50	2.0	Ag	7.3	100
11190300	H-BE 2.5 machined	male	2.50	3.0	Ag	7.4	100
11195300	H-BE 2.5 machined	female	2.50	3.0	Ag	7.3	100
11190400	H-BE 2.5 machined	male	4.00		Ag	7.4	100
11195400	H-BE 2.5 machined	female	4.00		Ag	7.3	100
11192000	H-BE 2.5 machined	male	0.50		Au	7.4	100
11197000	H-BE 2.5 machined	female	0.50		Au	7.3	100
11192100	H-BE 2.5 machined	male	0.75 - 1.00	1.0	Au	7.4	100
11197100	H-BE 2.5 machined	female	0.75 - 1.00	1.0	Au	7.3	100
11192200	H-BE 2.5 machined	male	1.50	2.0	Au	7.4	100
11197200	H-BE 2.5 machined	female	1.50	2.0	Au	7.3	100

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® Tools for contacts H-BE 2.5 machined



Product features

- Locator and crimping dies fit together with the crimping tool 11147000 and the crimping machine 11147001

Article number	Article	Version	Note	Pieces / PU
11147000	Crimping tool	In tool case	without crimping dies, without locator	1
11147001	Crimping machine	Pneumatic, 5 - 10 bar	without crimping dies, without locator	1
11147100	Crimping dies	For crimping tools 11147000, 11147001	For contacts: H-D 1.6 machined, H-BE 2.5 machined, MC 2.5 machined	1
11147200	Locator	For crimping tools 11147000, 11147001	For contacts: H-D 1.6 machined, H-BE machined, MC 2.5 machined, MC 2.5 stamped	1
11182500	Removal tool		For contacts: H-BE 2.5 machined	1

Photographs are not to scale and do not represent detailed images of the respective products.



EPIC® MC 2.5 machined contacts



Suitable tools

- Pneumatic crimping machine for single contacts
- Crimping tool for single contacts
- Crimping dies for single contacts
- Locator
- Removal tool

Article number	Article	Version	Version	Conductor cross-section (mm²)	Cross-section ratio	Surface	Stripping length (mm)	Pieces / PU
Contacts								
1121300C	MC 2.5 machined	male		0.50		Ag	7.8	100
1121800C	MC 2.5 machined		female	0.50		Ag	7.8	100
1121310C	MC 2.5 machined	male		1.00	1.0	Ag	7.8	100
1121810C	MC 2.5 machined		female	1.00	1.0	Ag	7.8	100
1121320C	MC 2.5 machined	male		1.50	2.0	Ag	7.8	100
1121820C	MC 2.5 machined		female	1.50	2.0	Ag	7.8	100
1121330C	MC 2.5 machined	male		2.50	3.0	Ag	7.8	100
1121830C	MC 2.5 machined		female	2.50	3.0	Ag	7.8	100
1121340C	MC 2.5 machined	male		4.00		Ag	7.8	100
1121840C	MC 2.5 machined		female	4.00		Ag	7.8	100

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EPIC® Tools for contacts MC 2.5 machined



Product features

- Locator and crimping dies fit together with the crimping tool 11147000 and the crimping machine 11147001

Article number	Article	Version	Note	Pieces / PU
11147000	Crimping tool	In tool case	without crimping dies, without locator	1
11147001	Crimping machine	Pneumatic, 5 - 10 bar	without crimping dies, without locator	1
11147100	Crimping dies	For crimping tools 11147000, 11147001	For contacts: H-D 1.6 machined, H-BE 2.5 machined, MC 2.5 machined	1
11147200	Locator	For crimping tools 11147000, 11147001	For contacts: H-D 1.6 machined, H-BE machined, MC 2.5 machined, MC 2.5 stamped	1
11171000	Removal tool		For contacts: MC 2.5 machined	1

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® MC 2.5 stamped contacts



■ Suitable tools

- Pneumatic crimping machine for single contacts
- Crimping tool for single contacts
- Crimping dies for single contacts
- Locator
- Removal tool

Article number	Article	Version	Conductor cross-section (mm²)	Surface	Stripping length (mm)	Pieces / PU
Contacts						
11201000	MC 2.5 stamped	male	0.50 - 1.50	Ag	3.5 + 0.5	100
11205000	MC 2.5 stamped	female	0.50 - 1.50	Ag	3.5 + 0.5	100
11202000	MC 2.5 stamped	male	1.50 - 2.50	Ag	3.5 + 0.5	100
11206000	MC 2.5 stamped	female	1.50 - 2.50	Ag	3.5 + 0.5	100

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EPIC® Tools for contacts MC 2.5 stamped



■ Product features

- Locator and crimping dies fit together with the crimping tool 11147000 and the crimping machine 11147001

Article number	Article	Version	Note	Pieces / PU
11147000	Crimping tool	In tool case	without crimping dies, without locator	1
11147001	Crimping machine	Pneumatic, 5 - 10 bar	without crimping dies, without locator	1
11147180	Crimping dies	For crimping tools 11147000, 11147001	For contacts: H-D 1.6 stamped (0.5 - 1.5 mm²), MC 2.5 stamped (0.5 - 1.5 mm²)	1
11147190	Crimping dies	For crimping tools 11147000, 11147001	For contacts: H-D 1.6 stamped (1.5 - 2.5 mm²), MC 2.5 stamped (1.5 - 2.5 mm²)	1
11147300	Locator		For contacts: H-D 1.6 machined, H-D 1.6 stamped	1
11160000	Removal tool		For contacts: MC 2.5 stamped	1

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® MC 2.5 stamped contacts-on-reel



■ Suitable tools

- Crimping tool for contacts-on-reel
- Crimping dies for contacts-on-reel
- Locator
- Removal tool

Article number	Article	Version	Conductor cross-section (mm²)	Surface	Stripping length (mm)	Note	Pieces / PU
Contacts							
11208000	MC SCBG AG 0.5-1.5 200 LI	male	0.50 - 1.50	Ag	3.5 + 0.5	1 reel (PU) = 200 contacts	1
11209000	MC BCBG AG 0.5-1.5 200 LI	female	0.50 - 1.50	Ag	3.5 + 0.5	1 reel (PU) = 200 contacts	1
11208500	MC SCBG AG 1.5-2.5 100 LI	male	1.50 - 2.50	Ag	3.5 + 0.5	1 reel (PU) = 100 contacts	1
11209500	MC BCBG AG 1.5-2.5 100 LI	female	1.50 - 2.50	Ag	3.5 + 0.5	1 reel (PU) = 100 contacts	1

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® Tools for contacts-on-reel MC 2.5 stamped



Article number	Article	Note	Pieces / PU
11160000	Removal tool	For contacts: MC 2.5 stamped	1
11153800	Crimping dies	For contacts: H-D 1.6 stamped (1.5 - 2.5 mm²), MC 2.5 stamped (1.5 - 2.5 mm²)	1
11153700	Crimping dies	For contacts: H-D 1.6 stamped (0.5 - 1.5 mm²), MC 2.5 stamped (0.5 - 1.5 mm²)	1
11153500	Crimping tool	without crimping dies	1

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® MC 3.6 machined contacts



■ Suitable tools

- Pneumatic crimping machine for single contacts
- Crimping tool for single contacts
- Crimping dies for single contacts
- Locator
- Removal tool

Article number	Article	Version	Conductor cross-section (mm²)	Surface	Stripping length (mm)	Pieces / PU
Contacts						
1121070C	MC 3.6 machined	male	1.50	Ag	10.0	100
1121570C	MC 3.6 machined	female	1.50	Ag	10.0	100
1121060C	MC 3.6 machined	male	2.50	Ag	10.0	100
1121560C	MC 3.6 machined	female	2.50	Ag	10.0	100
1121000C	MC 3.6 machined	male	4.00	Ag	10.0	100
1121500C	MC 3.6 machined	female	4.00	Ag	10.0	100
1121010C	MC 3.6 machined	male	6.00	Ag	10.0	100
1121510C	MC 3.6 machined	female	6.00	Ag	10.0	100
1121020C	MC 3.6 machined	male	10.00	Ag	10.0	100
1121520C	MC 3.6 machined	female	10.00	Ag	10.0	100

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® Tools for contacts MC 3.6 machined



■ Product features

- Locator and crimping dies fit together with the crimping tool 11147000 and the crimping machine 11147001

Article number	Article	Version	Note	Pieces / PU
11147000	Crimping tool	In tool case	without crimping dies, without locator	1
11147001	Crimping machine	Pneumatic, 5 - 10 bar	without crimping dies, without locator	1
11147110	Crimping dies	For crimping tools 11147000, 11147001	For contacts: MC 3.6 machined (1.5 - 2.5 mm²)	1
11147120	Crimping dies	For crimping tools 11147000, 11147001	For contacts: MC 3.6 machined (4.0 - 10 mm²)	1
11147210	Locator	For crimping tools 11147000, 11147001	For contacts: MC 3.6 machined	1
11171100	Removal tool		For contacts: MC 3.6 machined	1

Photographs are not to scale and do not represent detailed images of the respective products.



Info

- New: 75 ohm contacts

EPIC® MC Coax-Contacts



Product features

- Solder termination: the inner conductor and the outer sleeve of the COAX cable are terminated by soldering

Suitable tools

- Pneumatic crimping machine for single contacts
- Crimping tool for single contacts

- Crimping dies for single contacts
- Locator
- Removal tool

Article number	Article	Version	Surface	For cable type	Pieces / PU
Solder termination					
44429018	EPIC® MC SLEM 500hm RG58CU	male	Au	RG 58 CU	10
44429017	EPIC® MC BLEM 500hm RG58CU	female	Au	RG 58 CU	10
44429020	EPIC® MC SLEM 750hm RG180BU	male	Au	RG 180 BU	10
44429019	EPIC® MC BLEM 750hm RG180BU	female	Au	RG 180 BU	10
44429022	EPIC® MC SLEM 750hm RG187AU	male	Au	RG 187 AU	10
44429021	EPIC® MC BLEM 750hm RG187AU	female	Au	RG 187 AU	10
Solder/crimp termination					
11214200	MC SLEM COAX MALE	male	Au	RG 58	1
11219200	MC BLEM COAX FEMALE	female	Au	RG 58	1

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® Tools for contacts MC Coax



Product features

- Locator and crimping dies fit together with the crimping tool 11147000 and the crimping machine 11147001

Article number	Article	Version	Note	Pieces / PU
11147000	Crimping tool	In tool case	without crimping dies, without locator	1
11147001	Crimping machine	Pneumatic, 5 - 10 bar	without crimping dies, without locator	1
11147130	Crimping dies	For crimping tools 11147000, 11147001	For coax-contacts 11214200, 11219200	1
11171100	Removal tool		For contacts: MC 3.6 machined	1

Photographs are not to scale and do not represent detailed images of the respective products.

New

EPIC® H-Q Contacts



New

EPIC® H-Q Cable Glands



New

EPIC® H-Q Accessories



Article number	Article	Version	Version	Cross-section (mm²)	Surface	Stripping length (mm)	Pieces / PU
Contacts							
44420512	EPIC H-Q 4.0 machined		male	1.5	Ag	8.0	25
44420513	EPIC H-Q 4.0 machined		male	2.5	Ag	8.0	25
44420514	EPIC H-Q 4.0 machined		male	4.0	Ag	8.0	25
44420515	EPIC H-Q 4.0 machined		male	6.0	Ag	8.0	25
44420516	EPIC H-Q 4.0 machined		female	1.5	Ag	8.0	25
44420517	EPIC H-Q 4.0 machined		female	2.5	Ag	8.0	25
44420518	EPIC H-Q 4.0 machined		female	4.0	Ag	8.0	25
44420519	EPIC H-Q 4.0 machined		female	6.0	Ag	8.0	25
H-Q cable glands for V16P housings (plastic housings)							
44420537	EPIC H-Q Cable gland	9-13mm					1
44420536	EPIC H-Q Cable gland	11.5 - 15.5mm					1
H-Q cable glands for V21M housings (metal housings)							
44420541	EPIC H-Q Cable gland	9-13mm					1
44420542	EPIC H-Q Cable gland	11.5 - 15.5mm					1
44420543	EPIC H-Q Cable gland	14 - 18mm					1
H-Q EMC cable gland for V21M housings (metal housings)							
44420544	EPIC H-Q cable gland EMC	11.5 - 15.5mm					1
44420545	EPIC H-Q cable gland EMC	14 - 18mm					1
44420534	EPIC H-Q dust cap	for housing H-Q with female insert					1
44420535	EPIC H-Q dust cap	for housing H-Q with male insert					1

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® H-A 3 Hood Metal straight entry



EPIC® H-A 3 Hood Thermoplastic straight entry



Benefits

- Housing in plastic or metal version. For power supply in the smallest possible space

Application range

- Machine and equipment manufacturing
- Control engineering
- Electronic laboratory

Product features

- Hood
- Bolts for single lever
- Straight cable entry
- Versions with / without cable gland

Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

Technical data



Material
EPIC® H-A 3 Hood Metal straight entry
 Housing: powder-coated zinc die-casting, grey
 Lever: zinc-plated steel
EPIC® H-A 3 Hood Thermoplastic straight entry
 Housing: grey thermoplastic, black
 Lever: zinc-plated steel



Protection rating
 IP 65 (latched)



Temperature range
 -40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Material	Colour	Cable gland	Cable clamping range	Dimensions incl. cable gland	Pieces / PU
H-A housing: hood (straight cable entry)									
10512100	H-A 3 MTgv		11	Zinc die-casting	grey				10
10426500	H-A 3 MTgv		11	Zinc die-casting	grey	yes	6.5 - 12.0	57.0	10
19512100	H-A 3 MTgv M20	20		Zinc die-casting	grey				10
19426500	H-A 3 MTgv M20	20		Zinc die-casting	grey	yes	3.0 - 13.5	57.0	10
10425500	H-A 3 Tgv		11	Thermoplastic	black				10
10426000	H-A 3 Tgv		11	Thermoplastic	grey				10
10426700	H-A 3 Tgv		11	Thermoplastic	black	yes	6.5 - 12.0	62.0	10
10426400	H-A 3 Tgv		11	Thermoplastic	grey	yes	6.5 - 12.0	62.0	10
19425500	H-A 3 Tgv M20	20		Thermoplastic	black				10
19426000	H-A 3 Tgv M20	20		Thermoplastic	grey				10

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

EPIC® H-A 3 Hood Metal straight entry

- SKINTOP® MS-M refer to page 662
- SKINTOP® MS refer to page 717

EPIC® H-A 3 Hood Thermoplastic straight entry

- SKINTOP® ST-M refer to page 652
- SKINTOP® ST refer to page 715

EPIC® H-A 3 Hood Metal side entry



EPIC® H-A 3 Hood Thermoplastic side entry



■ Benefits

- Housing in plastic or metal version. For power supply in the smallest possible space

■ Application range

- Machine and equipment manufacturing
- Control engineering
- Electronic laboratory

■ Product features

- Hood
- Bolts for single lever
- Side cable entry
- Versions with / without cable gland

■ Suitable inserts

- Refer to Selection Table A10 to select the required inserts and housings

■ Technical data



Material

EPIC® H-A 3 Hood Metal side entry

Housing: powder-coated zinc die-casting, grey
Lever: zinc-plated steel

EPIC® H-A 3 Hood Thermoplastic side entry

Housing: grey thermoplastic, black
Lever: zinc-plated steel



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Material	Colour	Cable gland	Cable clamping range	Dimensions incl. cable gland	Pieces / PU
H-A housing: hood (side cable entry)									
10512300	H-A 3 MTs		11	Zinc die-casting	grey				10
10427500	H-A 3 MTs		11	Zinc die-casting	grey	yes	6.5 - 12.0	43.0	10
19512300	H-A 3 Ts M20	20		Zinc die-casting	grey				10
19427500	H-A 3 Ts M20	20		Zinc die-casting	grey	yes	3.0 - 13.5	43.0	10
10427300	H-A 3 Ts		11	Thermoplastic	black				10
10427000	H-A 3 Ts		11	Thermoplastic	grey				10
10620600	H-A 3 Ts		11	Thermoplastic	black	yes	6.5 - 12.0	48.0	10
10427100	H-A 3 Ts		11	Thermoplastic	grey	yes	6.5 - 12.0	48.0	10
19427300	H-A 3 Ts M20	20		Thermoplastic	black				10
19427000	H-A 3 Ts M20	20		Thermoplastic	grey				10

Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories

EPIC® H-A 3 Hood Metal side entry

- SKINTOP® MS-M refer to page 662
- SKINTOP® MS refer to page 717

EPIC® H-A 3 Hood Thermoplastic side entry

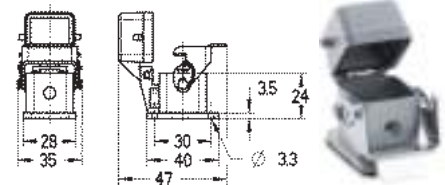
- SKINTOP® ST-M refer to page 652
- SKINTOP® ST refer to page 715



EPIC® H-A 3 Panel Mount Base (straight)



EPIC® H-A 3 Panel Mount Base with cover



EPIC® H-A 3 Panel Mount Base (angled)



Benefits

- Housing in plastic or metal version. For power supply in the smallest possible space

Application range

- Machine and equipment manufacturing
- Control engineering
- Electronic laboratory

Product features

EPIC® H-A 3 Panel Mount Base (straight)

- Panel-mount base
- 1 lever
- Included: flat gasket

EPIC® H-A 3 Panel Mount Base with cover

- Panel-mount base
- 1 lever
- Metal cover
- Included: flat gasket

EPIC® H-A 3 Panel Mount Base (angled)

- Panel-mount base
- 1 lever
- Angled version
- Included: flat gasket

Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

Technical data



Material

EPIC® H-A 3 Panel Mount Base (straight)

Housing: powder-coated zinc die-casting, grey

Lever: zinc-plated steel

Sealing: NBR

Housing: grey thermoplastic, black

Lever: zinc-plated steel

Sealing: NBR

EPIC® H-A 3 Panel Mount Base with cover

Housing: powder-coated aluminium alloy, grey

Lever: zinc-plated steel

Sealing: NBR

EPIC® H-A 3 Panel Mount Base (angled)

Housing: powder-coated zinc die-casting, grey

Lever: zinc-plated steel

Sealing: NBR

Housing: grey thermoplastic, black

Lever: zinc-plated steel

Sealing: NBR



Protection rating

EPIC® H-A 3 Panel Mount Base (straight)

IP 65 (latched)

EPIC® H-A 3 Panel Mount Base with cover

IP 44 (latched)

EPIC® H-A 3 Panel Mount Base (angled)

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	Colour	Material	Pieces / PU
H-A housing: panel-mount base (straight)				
10422500	H-A 3 Mag	grey	Zinc die-casting	10
10422200	H-A 3 Ag	black	Thermoplastic	10
10422000	H-A 3 Ag	grey	Thermoplastic	10
H-A housing: panel-mount base with cover (with sealing, for female inserts)				
44429015	H-A 3 MAGD	grey	Aluminium die-casting	10
H-A housing: panel-mount base (angled)				
10423500	H-A 3 Mags	grey	Zinc die-casting	10
10423100	H-A 3 Ags	black	Thermoplastic	10
10423000	H-A 3 Ags	grey	Thermoplastic	10

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® H-A 3 Surface Mount Base



EPIC® H-A 3 Surface Mount Base (open bottom)



Benefits

- Housing in plastic or metal version. For power supply in the smallest possible space

Application range

- Machine and equipment manufacturing
- Control engineering
- Electronic laboratory

Product features

EPIC® H-A 3 Surface Mount Base

- Surface-mount base
- 1 lever
- 1 cable entry
- Versions with / without cable gland
- Included: flat gasket

EPIC® H-A 3 Surface Mount Base (open bottom)

- Surface-mount base
- 1 lever
- 2 cable entries
- Housing type: with open base
- Included: flat gasket

Suitable inserts

- Refer to Selection Table A10 to select the required inserts and housings

Technical data



Material

Housing: powder-coated zinc die-casting, grey
Lever: zinc-plated steel
Sealing: NBR
Housing: grey thermoplastic, black
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Material	Colour	Cable gland	Cable clamping range	Dimensions incl. cable gland	Pieces / PU
H-A housing: surface-mount base									
10512700	H-A 3 MAgsv		11	Zinc die-casting	grey			51.5	10
10424000	H-A 3 Agsv		11	Thermoplastic	grey			56.0	10
10424500	H-A 3 MAgsv		11	Zinc die-casting	grey	yes	6.5 - 12.0	57.5	10
10424200	H-A 3 Agsv		11	Thermoplastic	grey	yes	6.5 - 12.0	65.0	10
19512700	H-A 3 MAgsv M20	20		Zinc die-casting	grey			54.5	10
19421900	H-A 3 Agsv M20	20		Thermoplastic	grey	yes	3.0 - 13.5	56.0	10
19424500	H-A 3 MAgsv M20	20		Zinc die-casting	grey	yes	3.0 - 13.5	60.5	10
H-A housing: surface-mount base (with open base)									
19517200	H-A 3 MAgsv M20	20		Zinc die-casting	grey				10
19515200	H-A 3 Agsv M20	20		Thermoplastic	grey				10

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® H-A 3 Cable Coupler Hood metal (straight entry)



EPIC® H-A 3 Cable Coupler Hood Thermoplastic (straight entry)



Benefits

- Housing in plastic or metal version. For power supply in the smallest possible space

Application range

- Machine and equipment manufacturing
- Control engineering
- Electronic laboratory

Product features

- Cable coupler hood
- 1 lever
- Straight cable entry
- Versions with / without cable gland

Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

Technical data



Material
EPIC® H-A 3 Cable Coupler Hood metal (straight entry)

Housing: powder-coated zinc die-casting, grey
Lever: zinc-plated steel

EPIC® H-A 3 Cable Coupler Hood Thermoplastic (straight entry)

Housing: grey thermoplastic, black
Lever: zinc-plated steel



Protection rating
IP 65 (latched)



Temperature range
-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Material	Colour	Cable gland	Cable clamping range	Dimensions incl. cable gland	Pieces / PU
H-A housing: cable coupler hood (straight cable entry)									
10512900	H-A 3 MTgvb		11	Zinc die-casting	grey				10
10429500	H-A 3 MTgvb		11	Zinc die-casting	grey	yes	6.5 - 12.0	60.0	10
19512900	H-A 3 MTgvb M20	20		Zinc die-casting	grey				10
10429200	H-A 3 Tgvb		11	Thermoplastic	black				10
10429000	H-A 3 Tgvb		11	Thermoplastic	grey				10
10620300	H-A 3 Tgvb		11	Thermoplastic	black	yes	6.5 - 12.0	65.0	10
10429100	H-A 3 Tgvb		11	Thermoplastic	grey	yes	6.5 - 12.0	65.0	10
19429200	H-A 3 Tgvb M20	20		Thermoplastic	black				10
19429000	H-A 3 Tgvb M20	20		Thermoplastic	grey				10

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

EPIC® H-A 3 Cable Coupler Hood metal (straight entry)

- SKINTOP® MS-M refer to page 662
- SKINTOP® MS refer to page 717

EPIC® H-A 3 Cable Coupler Hood Thermoplastic (straight entry)

- SKINTOP® ST-M refer to page 652
- SKINTOP® ST refer to page 715

EPIC® H-A 10 TG



EPIC® H-A 10 TGH



Benefits

- Small and space-saving for narrow available space

Application range

- Machine and equipment manufacturing
- Control engineering
- Electronic laboratory

Product features

EPIC® H-A 10 TG

- Hood, low version
- Bolts for single lever
- Straight cable entry
- Versions with / without neck

EPIC® H-A 10 TGH

- Hood, high version
- Bolts for single lever
- Straight cable entry
- Versions with / without neck

Suitable inserts

- Refer to Selection Table A10 to select the required inserts and housings

Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

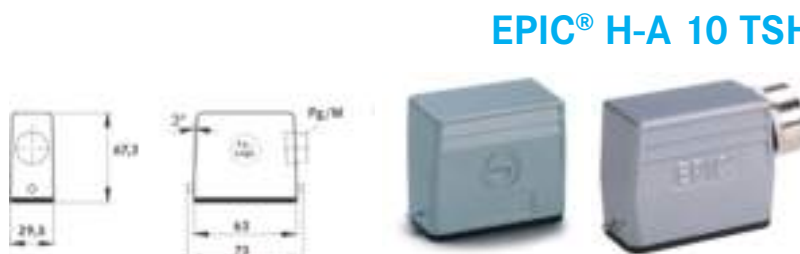
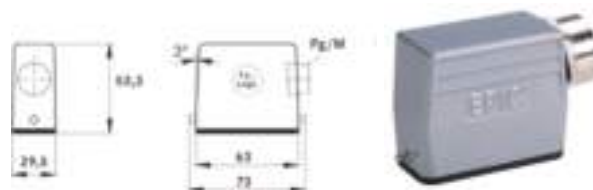
-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Neck	Pieces / PU
H-A housing: hood (straight cable entry, bolts for single lever)					
10446000	H-A 10 TG 13,5		13.5	yes	5
10446100	H-A 10 TG 16		16	yes	5
19446000	H-A 10 TG M20	20			5
19446100	H-A 10 TG M25	25			5
H-A housing: hood (straight cable entry, bolts for single lever, high version)					
70460200	H-A 10 TGH 16		16	yes	5
70460400	H-A 10 TGH 21		21	yes	5
79460200	H-A 10 TGH M20	20			5
79460400	H-A 10 TGH M25	25			5

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717



Benefits

- Small and space-saving for narrow available space

Application range

- Machine and equipment manufacturing
- Control engineering
- Electronic laboratory

Product features

EPIC® H-A 10 TS

- Hood, low version
- Bolts for single lever
- Side cable entry
- Versions with neck

EPIC® H-A 10 TSH

- Hood, high version
- Bolts for single lever
- Side cable entry
- Versions with / without neck

Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

Technical data



Material
Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating
IP 65 (latched)



Temperature range
-40 °C to +100 °C, short-term up to +125 °C

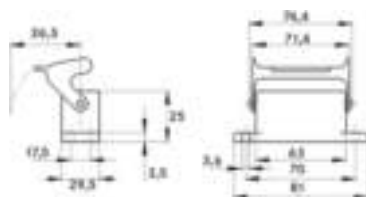
Article number	Article	M	PG	Neck	Pieces / PU
H-A housing: hood (side cable entry, bolts for single lever)					
10445000	H-A 10 TS 16		16	yes	5
10445500	H-A 10 TS 21		21	yes	5
19445000	H-A 10 TS M20	20		yes	5
19445500	H-A 10 TS M25	25		yes	5
H-A housing: hood (side cable entry, bolts for single lever, high version)					
70462200	H-A 10 TSH 16		16	yes	5
70462400	H-A 10 TSH 21		21	yes	5
79462200	H-A 10 TSH M20	20			5
79462400	H-A 10 TSH M25	25			5

Photographs are not to scale and do not represent detailed images of the respective products.

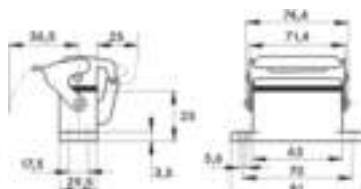
Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

EPIC® H-A 10 AG-LB



EPIC® H-A 10 AD-LB



Benefits

- Small and space-saving for narrow available space

Application range

- Machine and equipment manufacturing
- Control engineering
- Electronic laboratory

Product features

EPIC® H-A 10 AG-LB

- Panel-mount base
- Single lever
- Included: flat gasket

EPIC® H-A 10 AD-LB

- Panel-mount base
- Single lever
- Metal cover
- Included: flat gasket

Suitable inserts

- Refer to Selection Table A10 to select the required inserts and housings

Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)

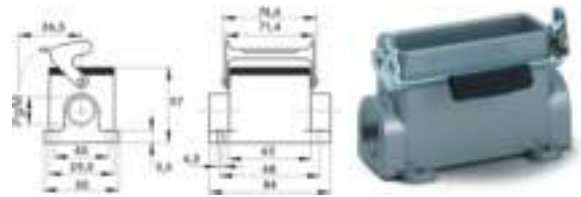


Temperature range

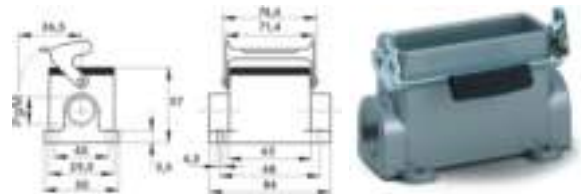
-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	Pieces / PU
H-A housing: panel-mount base (single lever)		
10442000	H-A 10 AG-LB	5
H-A housing: panel-mount base (cover, single lever)		
70444000	H-A 10 AD-LB	5

Photographs are not to scale and do not represent detailed images of the respective products.



EPIC® H-A 10 SGR-LB



EPIC® H-A 10 SGRL-LB

Benefits

- Small and space-saving for narrow available space

Application range

- Machine and equipment manufacturing
- Control engineering
- Electronic laboratory

Product features

EPIC® H-A 10 SGR-LB

- Surface-mount base
- Single lever
- 1 cable entry

EPIC® H-A 10 SGRL-LB

- Surface-mount base
- Single lever
- 2 cable entries

Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

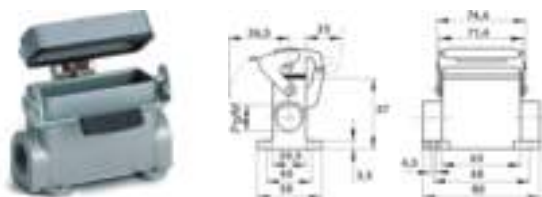
Article number	Article	M	PG	Pieces / PU
H-A housing: surface-mount base (1 cable entry, single lever)				
10448100	H-A 10 SGR-LB 16		16	5
10448000	H-A 10 SGR-LB 21		21	5
19448100	H-A 10 SGR-LB M20	20		5
19448000	H-A 10 SGR-LB M25	25		5
H-A housing: surface-mount base (2 cable entries, single lever)				
10450100	H-A 10 SGRL-LB 16		16	5
19450100	H-A 10 SGRL-LB M20	20		5

Photographs are not to scale and do not represent detailed images of the respective products.

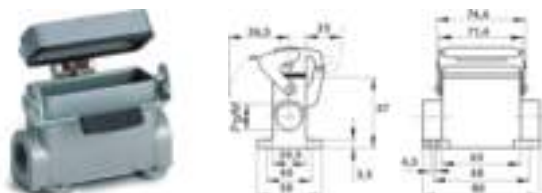
Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

EPIC® H-A 10 SDR-LB



EPIC® H-A 10 SDRL-LB



■ Benefits

- Small and space-saving for narrow available space

■ Application range

- Machine and equipment manufacturing
- Control engineering
- Electronic laboratory

■ Product features

EPIC® H-A 10 SDR-LB

- Surface-mount base
- Single lever
- 1 cable entry
- Metal cover

EPIC® H-A 10 SDRL-LB

- Surface-mount base
- Single lever
- 2 cable entries
- Metal cover

■ Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

■ Technical data



Material

Housing: aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Pieces / PU
H-A housing: surface-mount base (cover, 1 cable entry, single lever)				
70455200	H-A 10 SDR-LB 16		16	5
70455400	H-A 10 SDR-LB 21		21	5
79455200	H-A 10 SDR-LB M20	20		5
79455400	H-A 10 SDR-LB M25	25		5
H-A housing: surface-mount base (cover, 2 cable entries, single lever)				
70456200	H-A 10 SDRL-LB 16		16	5
70456400	H-A 10 SDRL-LB 21		21	5
79456200	H-A 10 SDRL-LB M20	20		5
79456400	H-A 10 SDRL-LB M25	25		5

Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717



EPIC® H-A 10 TBF-LB



EPIC® H-A 10 TBFH-LB



Benefits

- Small and space-saving for narrow available space

Application range

- Machine and equipment manufacturing
- Control engineering
- Electronic laboratory

Product features

EPIC® H-A 10 TBF-LB

- Cable coupler hood, low version
- Single lever
- Straight cable entry
- Versions with / without neck

EPIC® H-A 10 TBFH-LB

- Cable coupler hood, high version
- Single lever
- Straight cable entry
- Versions with / without neck

Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

Technical data



Material
Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating
IP 65 (latched)



Temperature range
-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Neck	Pieces / PU
H-A housing: cable coupler hood (straight cable entry, single lever)					
10439000	H-A 10 TBF-LB 13,5		13.5	yes	5
70450000	H-A 10 TBF-LB 16		16	yes	5
19439000	H-A 10 TBF-LB M20	20			5
79450000	H-A 10 TBF-LB M25	25			5
H-A housing: cable coupler hood (straight cable entry, single lever, high version)					
70450400	H-A 10 TBFH-LB 21		21	yes	5
79450400	H-A 10 TBFH-LB M25	25			5

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

EPIC® H-A 16 TG



EPIC® H-A 16 TGH



Benefits

- Small and compact, for applications with high number of contacts

Application range

- Machine and equipment manufacturing
- Control engineering
- Electronic laboratory

Product features

EPIC® H-A 16 TG

- Hood, low version
- Bolts for single lever
- Straight cable entry
- Versions with / without neck

EPIC® H-A 16 TGH

- Hood, high version
- Bolts for single lever
- Straight cable entry
- Versions with / without neck

Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

Technical data



Material

Housing: powder-coated aluminium alloy, grey
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Neck	Pieces / PU
H-A housing: hood (straight cable entry, bolts for single lever)					
10565000	H-A 16 TG 16		16	yes	5
10565300	H-A 16 TG 21		21	yes	5
19565000	H-A 16 TG M20	20			5
19565300	H-A 16 TG M25	25			5
H-A housing: hood (straight cable entry, bolts for single lever, high version)					
70490200	H-A 16 TGH 16		16	yes	5
70490400	H-A 16 TGH 21		21	yes	5
79490200	H-A 16 TGH M20	20			5
79490400	H-A 16 TGH M25	25			5

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717



Benefits

- Small and compact, for applications with high number of contacts

Application range

- Machine and equipment manufacturing
- Control engineering
- Electronic laboratory

Product features

EPIC® H-A 16 TS

- Hood, low version
- Bolts for single lever
- Side cable entry
- Versions with neck

EPIC® H-A 16 TSH

- Hood, high version
- Bolts for single lever
- Side cable entry
- Versions with / without neck

Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

Technical data



Material
Housing: powder-coated aluminium alloy, grey
Sealing: NBR



Protection rating
IP 65 (latched)



Temperature range
-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Neck	Pieces / PU
H-A housing: hood (side cable entry, bolts for single lever)					
10564000	H-A 16 TS 16		16	yes	5
10564500	H-A 16 TS 21		21	yes	5
19564000	H-A 16 TS M20	20		yes	5
19564500	H-A 16 TS M25	25		yes	5
H-A housing: hood (side cable entry, bolts for single lever, high version)					
70492200	H-A 16 TSH 16		16	yes	5
70492400	H-A 16 TSH 21		21	yes	5
79492200	H-A 16 TSH M20	20			5
79492400	H-A 16 TSH M25	25			5

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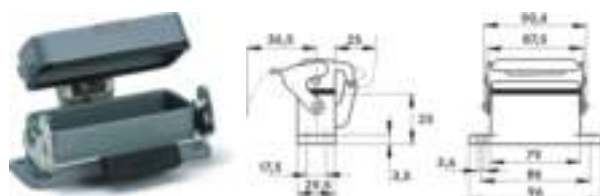
Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

EPIC® H-A 16 AG-LB



EPIC® H-A 16 AD-LB



Benefits

- Small and compact, for applications with high number of contacts

Application range

- Machine and equipment manufacturing
- Control engineering
- Electronic laboratory

Product features

EPIC® H-A 16 AG-LB

- Panel-mount base
- Single lever
- Included: flat gasket

EPIC® H-A 16 AD-LB

- Panel-mount base
- Single lever
- Metal cover
- Included: flat gasket

Suitable inserts

- Refer to Selection Table A10 to select the required inserts and housings

Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

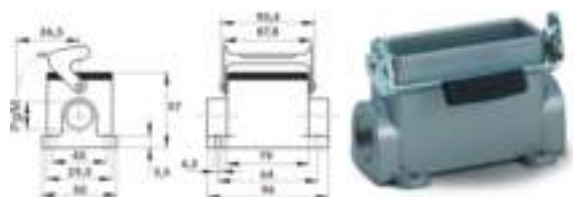
-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	Pieces / PU
H-A housing: panel-mount base (single lever)		
10462000	H-A 16 AG-LB	5
H-A housing: panel-mount base (cover, single lever)		
70474000	H-A 16 AD-LB	5

Photographs are not to scale and do not represent detailed images of the respective products.



EPIC® H-A 16 SGR-LB



EPIC® H-A 16 SGRL-LB



Benefits

- Small and compact, for applications with high number of contacts

Application range

- Machine and equipment manufacturing
- Control engineering
- Electronic laboratory

Product features

EPIC® H-A 16 SGR-LB

- Surface-mount base
- Single lever
- 1 cable entry

EPIC® H-A 16 SGRL-LB

- Surface-mount base
- Single lever
- 2 cable entries

Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

Technical data



Material
Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating
IP 65 (latched)



Temperature range
-40 °C to +100 °C, short-term up to +125 °C

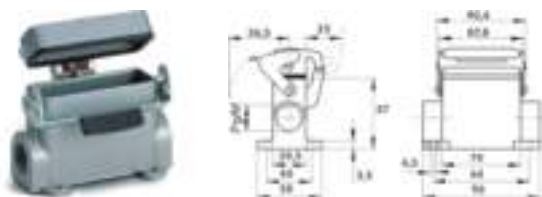
Article number	Article	M	PG	Pieces / PU
H-A housing: surface-mount base (1 cable entry, single lever)				
10567100	H-A 16 SGR-LB 16		16	5
10567000	H-A 16 SGR-LB 21		21	5
19567100	H-A 16 SGR-LB M20	20		5
19567000	H-A 16 SGR-LB M25	25		5
H-A housing: surface-mount base (2 cable entries, single lever)				
10568100	H-A 16 SGRL-LB 16		16	5
10568000	H-A 16 SGRL-LB 21		21	5
19568100	H-A 16 SGRL-LB M20	20		5
19568000	H-A 16 SGRL-LB M25	25		5

Photographs are not to scale and do not represent detailed images of the respective products.

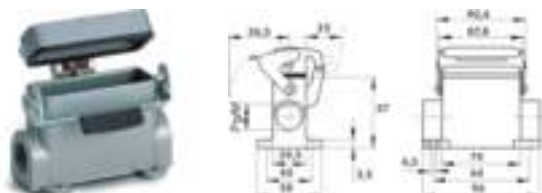
Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

EPIC® H-A 16 SDR-LB



EPIC® H-A 16 SDRL-LB



Benefits

- Small and compact, for applications with high number of contacts

Application range

- Machine and equipment manufacturing
- Control engineering
- Electronic laboratory

Product features

EPIC® H-A 16 SDR-LB

- Surface-mount base
- Single lever
- 1 cable entry
- Metal cover

EPIC® H-A 16 SDRL-LB

- Surface-mount base
- Single lever
- 2 cable entries
- Metal cover

Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Pieces / PU
H-A housing: surface-mount base (cover, 1 cable entry, single lever)				
70485200	H-A 16 SDR-LB 16		16	5
70485400	H-A 16 SDR-LB 21		21	5
79485200	H-A 16 SDR-LB M20	20		5
79485400	H-A 16 SDR-LB M25	25		5
H-A housing: surface-mount base (cover, 2 cable entries, single lever)				
70486200	H-A 16 SDRL-LB 16		16	5
70486400	H-A 16 SDRL-LB 21		21	5
79486400	H-A 16 SDRL-LB M25	25		5

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717



Benefits

- Small and compact, for applications with high number of contacts

Application range

- Machine and equipment manufacturing
- Control engineering
- Electronic laboratory

Product features

EPIC® H-A 16 TBF-LB

- Cable coupler hood, low version
- Single lever
- Straight cable entry
- Versions with / without neck

EPIC® H-A 16 TBFH-LB

- Cable coupler hood, high version
- Single lever
- Straight cable entry
- Versions with / without neck

Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

Technical data



Material
Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating
IP 65 (latched)



Temperature range
-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Neck	Pieces / PU
H-A housing: cable coupler hood (straight cable entry, single lever)					
10563000	H-A 16 TBF-LB 16		16	yes	5
19563000	H-A 16 TBF-LB M20	20			5
19563200	H-A 16 TBF-LB M25	25			5
H-A housing: cable coupler hood (straight cable entry, single lever, high version)					
70480200	H-A 16 TBFH-LB 16		16	yes	5
70480400	H-A 16 TBFH-LB 21		21	yes	5
79480200	H-A 16 TBFH-LB M20	20			5
79480400	H-A 16 TBFH-LB M25	25			5

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

EPIC® H-A 32 TG



EPIC® H-A 32 TGB



Benefits

- For two inserts of the small H-A, H-D and STA series. Space-saving

Application range

- Machine and equipment manufacturing
- Control engineering

Product features

EPIC® H-A 32 TG

- Hood
- Bolts for double lever
- Straight cable entry
- Versions with / without neck

EPIC® H-A 32 TGB

- Hood
- Dual levers
- Straight cable entry
- Versions with / without neck

Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Neck	Pieces / PU
H-A housing: hood (straight cable entry, bolts for double lever)					
10582000	H-A 32 TG 21		21	yes	5
10582001	H-A 32 TG 21		21		5
10583000	H-A 32 TG 29		29	yes	5
19582000	H-A 32 TG M25	25			5
19583000	H-A 32 TG M32	32			5
79520600	H-A 32 TG M40	40			5
H-A housing: hood (straight cable entry, double lever)					
10585000	H-A 32 TGB 29		29	yes	5
19585000	H-A 32 TGB M32	32			5
79525800	H-A 32 TGB M40	40			5

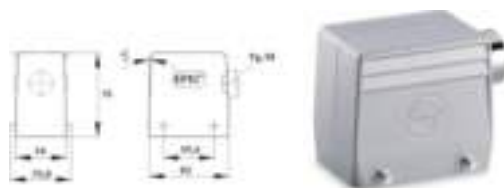
Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717



EPIC® H-A 32 TS



EPIC® H-A 32 TSB



Benefits

- For two inserts of the small H-A, H-D and STA series. Space-saving

Application range

- Machine and equipment manufacturing
- Control engineering

Product features

EPIC® H-A 32 TS

- Hood
- Bolts for double lever
- Side cable entry
- Versions with / without neck

EPIC® H-A 32 TSB

- Hood
- Dual levers
- Side cable entry
- Versions with / without neck

Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

Technical data



Material
Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating
IP 65 (latched)



Temperature range
-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Neck	Pieces / PU
H-A housing: hood (side cable entry, bolts for double lever)					
10576000	H-A 32 TS 29		21	yes	5
10576200	H-A 32 TS 29		21		5
10577000	H-A 32 TS 29		29	yes	5
19576000	H-A 32 TS M25	25			5
19577000	H-A 32 TS M32	32			5
19577500	H-A 32 TS M40	40			5
H-A housing: hood (side cable entry, double lever)					
10578000	H-A 32 TSB 21		21	yes	5
10579000	H-A 32 TSB 29		29	yes	5
19578000	H-A 32 TSB M25	25			5
19579000	H-A 32 TSB M32	32			5

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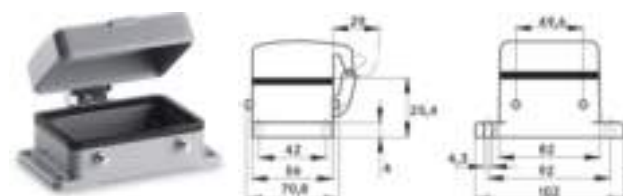
Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

EPIC® H-A 32 AG



EPIC® H-A 32 AD-BO



Benefits

- For two inserts of the small H-A, H-D and STA series. Space-saving

Application range

- Machine and equipment manufacturing
- Control engineering

Product features

EPIC® H-A 32 AG

- Panel-mount base
- Dual levers
- Included: flat gasket

EPIC® H-A 32 AD-BO

- Panel-mount base
- Bolts for double lever
- Metal cover
- Included: flat gasket

Suitable inserts

- Refer to Selection Table A10 to select the required inserts and housings

Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

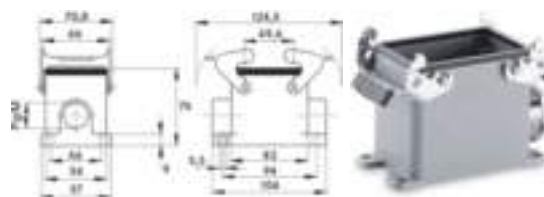
-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	Pieces / PU
H-A housing: panel-mount base (double lever)		
10472000	H-A 32 AG	5
H-A housing: panel-mount base (cover, bolts for double lever)		
70503000	H-A 32 AD-BO	5

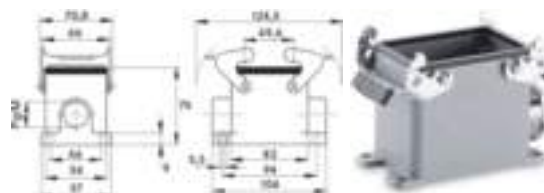
Photographs are not to scale and do not represent detailed images of the respective products.



EPIC® H-A 32 SGR



EPIC® H-A 32 SGRL



■ Benefits

EPIC® H-A 32 SGR

- For two inserts of the small H-A, H-D and STA series. Space-saving

■ Application range

EPIC® H-A 32 SGR

- Machine and equipment manufacturing
- Control engineering

■ Product features

EPIC® H-A 32 SGR

- Surface-mount base
- Dual levers
- 1 cable entry

EPIC® H-A 32 SGRL

- Surface-mount base
- Dual levers
- 2 cable entries

■ Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

■ Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

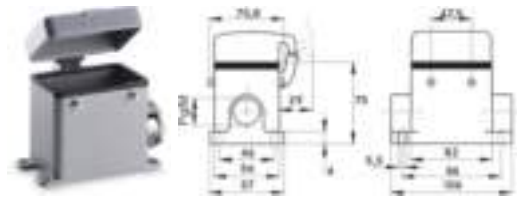
Article number	Article	M	PG	Neck	Pieces / PU
H-A housing: surface-mount base (1 cable entry, double lever)					
10474000	H-A 32 SGR 21		21	yes	5
10474100	H-A 32 SGR 29		29	yes	5
19474000	H-A 32 SGR M25	25		yes	5
19474100	H-A 32 SGR M32	32		yes	5
H-A housing: surface-mount base (2 cable entries, double lever)					
10482000	H-A 32 SGRL 21		21	yes	5
19482000	H-A 32 SGRL M25	25		yes	5
79506800	H-A 32 SGRL M40	40			5

Photographs are not to scale and do not represent detailed images of the respective products.

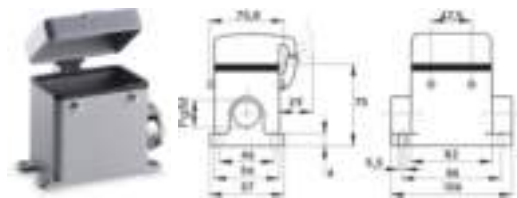
■ Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

EPIC® H-A 32 SDR-BO



EPIC® H-A 32 SDRL-BO



■ Benefits

- For two inserts of the small H-A, H-D and STA series. Space-saving

■ Application range

- Machine and equipment manufacturing
- Control engineering

■ Product features

EPIC® H-A 32 SDR-BO

- Surface-mount base

- Bolts for double lever
- 1 cable entry
- Metal cover

EPIC® H-A 32 SDRL-BO

- Surface-mount base
- Bolts for double lever
- 2 cable entries
- Metal cover

■ Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

■ Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Neck	Pieces / PU
H-A housing: surface-mount base (cover, 1 cable entry, bolts for double lever)					
70515200	H-A 32 SDR-BO 21		21	yes	5
70515400	H-A 32 SDR-BO 29		29	yes	5
79515200	H-A 32 SDR-BO M25			yes	5
79515400	H-A 32 SDR-BO M32			yes	5
H-A housing: surface-mount base (cover, 2 cable entries, bolts for double lever)					
70516200	H-A 32 SDRL-BO 21		21	yes	5
70516400	H-A 32 SDRL-BO 29		29	yes	5
79516200	H-A 32 SDRL-BO M25	25		yes	5
79516400	H-A 32 SDRL-BO M32	32		yes	5

Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

EPIC® H-A 32 TBF



■ Benefits

- For two inserts of the small H-A, H-D and STA series. Space-saving

■ Application range

- Machine and equipment manufacturing
- Control engineering

■ Product features

- Cable coupler hood
- Dual levers
- Straight cable entry
- Versions with / without neck

■ Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

■ Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Neck	Pieces / PU
H-A housing: cable coupler hood (straight cable entry, double lever)					
10588000	H-A 32 TBF 21		21	yes	5
10588500	H-A 32 TBF 29		29	yes	5
19588000	H-A 32 TBF M25	25			5
19588500	H-A 32 TBF M32	32			5

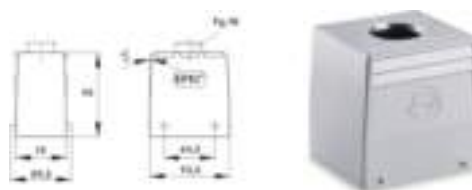
Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717



EPIC® H-A 48 TG



EPIC® H-A 48 TS



Benefits

- Three different inserts, each suitable for housing type H-A 16, can be integrated in this housing. High flexibility

Application range

- Machine and equipment manufacturing
- Control engineering

Product features

EPIC® H-A 48 TG

- Hood
- Bolts for double lever
- Straight cable entry
- Versions with / without neck

EPIC® H-A 48 TS

- Hood
- Bolts for double lever
- Side cable entry
- Versions with / without neck

Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

Technical data



Material
Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating
IP 65 (latched)



Temperature range
-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Neck	Pieces / PU
H-A housing: hood (straight cable entry, bolts for double lever)					
10631800	H-A 48 TG 29		29	yes	1
10631900	H-A 48 TG 29		29		1
19631800	H-A 48 TG M32	32			1
19636600	H-A 48 TG M40	40			1
H-A housing: hood (side cable entry, bolts for double lever)					
10630800	H-A 48 TS 29		29	yes	1
10630900	H-A 48 TS 29		29		1
19630800	H-A 48 TS M32	32			1
19635600	H-A 48 TS M40	40			1

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

EPIC® H-A 48 AG



EPIC® H-A 48 SGR



EPIC® H-A 48 SGRL



Benefits

- Three different inserts, each suitable for housing type H-A 16, can be integrated in this housing. High flexibility

Application range

- Machine and equipment manufacturing
- Control engineering

Product features

EPIC® H-A 48 AG

- Panel-mount base
- Dual levers
- Included: flat gasket

EPIC® H-A 48 SGR

- Surface-mount base
- Dual levers
- 1 cable entry

EPIC® H-A 48 SGRL

- Surface-mount base
- Dual levers
- 2 cable entries

Suitable inserts

- Refer to Selection Table A10 to select the required inserts and housings

Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Neck	Pieces / PU
H-A housing: panel-mount base (double lever)					
10625500	H-A 48 AG				1
H-A housing: surface-mount base (1 cable entry, double lever)					
10633800	H-A 48 SGR 29		29	yes	1
19633800	H-A 48 SGR M32	32		yes	1
19638600	H-A 48 SGR M40	40			1
H-A housing: surface-mount base (2 cable entries, double lever)					
19639600	H-A 48 SGRL M40	40			1

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

EPIC® H-A 48 SGR

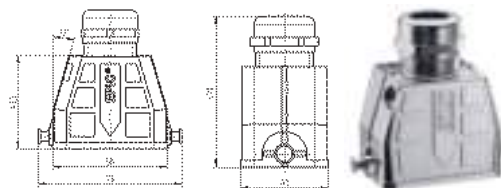
- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

EPIC® H-A 48 SGRL

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

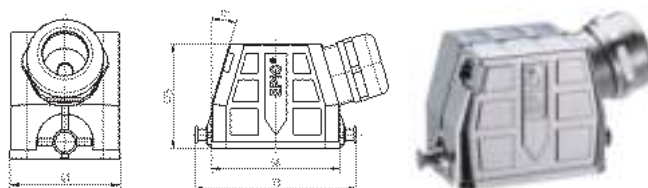
New

EPIC® ULTRA H-B 6 TG LB



New

EPIC® ULTRA H-B 6 TS LB



Info

- EMC protection
- Corrosion-resistant
- SKINTOP® integrated cable gland



Info

- EMC protection
- Corrosion-resistant
- SKINTOP® integrated cable gland

Benefits

- Optimum, low-resistance 360° screening
- All-purpose due to high corrosion resistance and high environmental protection.
- Space-saving due to compact dimensions
- Faster than any other comparable system
- High mechanical resistance

Application range

- In EMC-sensitive environments
- For fixed and flexible applications (e.g. machinery building, wind turbines)
- Construction machinery
- Electric motor manufacturing

Product features

- The hoods and surface-mount base are supplied with integrated SKINTOP® cable gland
- Housings with the BRUSH addition come with BRUSH cable screen contacting
- Pluggable with standard housings
- Corrosion-resistant according to DIN EN 6988
- Resistance to cyclic salt spray is tested according to IEC 68-2-52, severity level 2

Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

Technical data



Material

Housing: nickel-plated zinc die-casting
Lever and bolts: stainless steel
Sealing: NBR
Cable gland
Body: nickel-plated brass
Insert: PA
Seal: special elastomer



Protection rating

IP 65



Temperature range

-40°C to +100°C

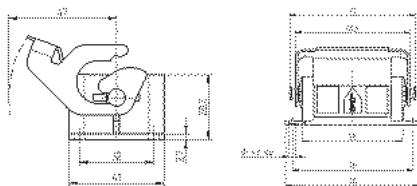
Article number	Article	Cable clamping range (mm)	Minimum Ø above braiding (mm)	Pieces / PU
H-B housing: hood (straight cable entry, bolts for single lever)				
70250200	ULTRA H-B 6 TG LB 6-13	6 - 13		1
70250201	ULTRA H-B 6 TG LB 9-17	9 - 17		1
70250202	ULTRA H-B 6 TG LB 9-17 BRUSH	9 - 17	6	1
H-B housing: hood (side cable entry, bolts for single lever)				
70250203	ULTRA H-B 6 TS LB 6-13	6 - 13		1
70250204	ULTRA H-B 6 TS LB 9-17	9 - 17		1
70250205	ULTRA H-B 6 TS LB 9-17 BRUSH	9 - 17	6	1

Accessories

- FLEXIMARK® ULTRA L 12X8,5 refer to page 878

New

EPIC® ULTRA H-B 6 AG LB



RoHS ✓

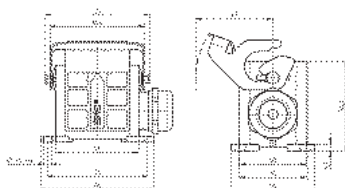


Info

- EMC protection
- Corrosion-resistant
- SKINTOP® integrated cable gland

New

EPIC® ULTRA H-B 6 SGR LB



RoHS ✓



Info

- EMC protection
- Corrosion-resistant
- SKINTOP® integrated cable gland

Benefits

- Optimum, low-resistance 360° screening
- All-purpose due to high corrosion resistance and high environmental protection.
- Space-saving due to compact dimensions
- Faster than any other comparable system
- High mechanical resistance

Application range

- In EMC-sensitive environments
- For fixed and flexible applications (e.g. machinery building, wind turbines)
- Construction machinery
- Electric motor manufacturing

Product features

- The hoods and surface-mount base are supplied with integrated SKINTOP® cable gland
- Housings with the BRUSH addition come with BRUSH cable screen contacting
- Pluggable with standard housings
- Corrosion-resistant according to DIN EN 6988
- Resistance to cyclic salt spray is tested according to IEC 68-2-52, severity level 2

Suitable inserts

- Refer to Selection Table A10 to select the required inserts and housings

Technical data



Material

Housing: nickel-plated zinc die-casting
Lever and bolts: stainless steel
Sealing: NBR
Cable gland
Body: nickel-plated brass
Insert: PA
Seal: special elastomer



Protection rating

IP 65



Temperature range

-40°C to +100°C

Article number	Article	Cable clamping range (mm)	Minimum Ø above braiding (mm)	Pieces / PU
H-B housing: panel-mount base (single lever)				
70250206	ULTRA H-B 6 AG LB			1
H-B housing: surface-mount base (1 cable entry, single lever)				
70250207	ULTRA H-B 6 SGR LB 6-13	6 - 13		1
70250208	ULTRA H-B 6 SGR LB 9-17	9 - 17		1
70250209	ULTRA H-B 6 SGR LB 9-17 BRUSH	9 - 17	6	1

Accessories

- FLEXIMARK® ULTRA L 12X8,5 refer to page 878

New

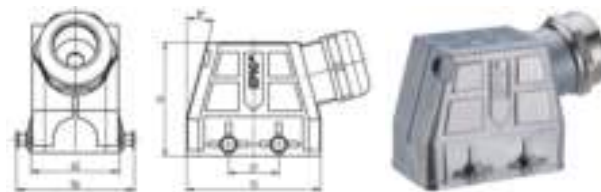
EPIC® ULTRA H-B 10 TS QB

RoHS ✓



Info

- EMC protection
- Corrosion-resistant
- SKINTOP® integrated cable gland



New

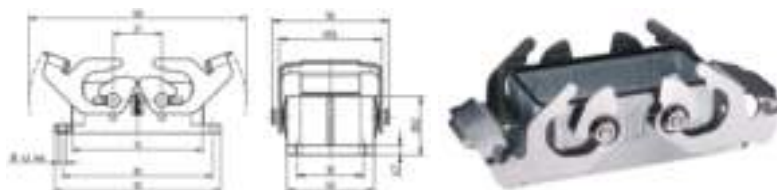
EPIC® ULTRA H-B 10 AG QB

RoHS ✓



Info

- EMC protection
- Corrosion-resistant
- SKINTOP® integrated cable gland



Benefits

- Optimum, low-resistance 360° screening
- All-purpose due to high corrosion resistance and high environmental protection.
- Space-saving due to compact dimensions
- Faster than any other comparable system
- High mechanical resistance

Application range

- In EMC-sensitive environments
- For fixed and flexible applications (e.g. machinery building, wind turbines)
- Construction machinery
- Electric motor manufacturing

Product features

- The hoods and surface-mount base are supplied with integrated SKINTOP® cable gland
- Housings with the BRUSH addition come with BRUSH cable screen contacting
- Pluggable with standard housings
- Corrosion-resistant according to DIN EN 6988
- Resistance to cyclic salt spray is tested according to IEC 68-2-52, severity level 2

Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

Technical data



Material

Housing: nickel-plated zinc die-casting
Lever and bolts: stainless steel
Sealing: NBR
Cable gland
Body: nickel-plated brass
Insert: PA
Seal: special elastomer



Protection rating

IP 65



Temperature range

-40°C to +100°C

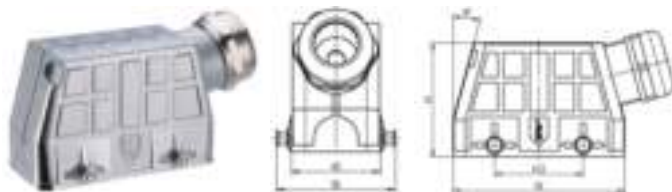
Article number	Article	Cable clamping range (mm)	Minimum Ø above braiding (mm)	Pieces / PU
H-B housing: hood (side cable entry, bolts for double lever)				
70250210	ULTRA H-B 10 TS QB 7-15	7 - 15		1
70250211	ULTRA H-B 10 TS QB 11-21	11 - 21		1
70250212	ULTRA H-B 10 TS QB 11-21 BRUSH	11 - 21	8	1
H-B housing: panel-mount base (double lever)				
70250213	ULTRA H-B 10 AG QB			1

Accessories

- FLEXIMARK® ULTRA L 12X8,5 refer to page 878

New

EPIC® ULTRA H-B 16 TS QB



RoHS ✓

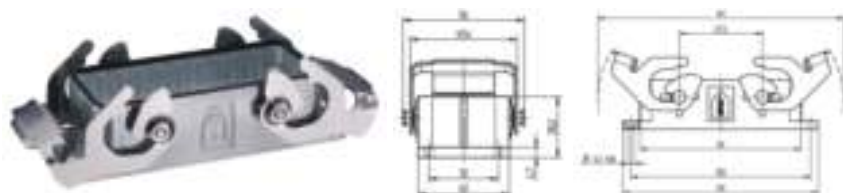


Info

- EMC protection
- Corrosion-resistant
- SKINTOP® integrated cable gland

New

EPIC® ULTRA H-B 16 AG QB



RoHS ✓



Info

- EMC protection
- Corrosion-resistant
- SKINTOP® integrated cable gland

Benefits

- Optimum, low-resistance 360° screening
- All-purpose due to high corrosion resistance and high environmental protection.
- Space-saving due to compact dimensions
- Faster than any other comparable system
- High mechanical resistance

Application range

- Construction machinery
- In EMC-sensitive environments
- For fixed and flexible applications (e.g. machinery building, wind turbines)
- Electric motor manufacturing

Product features

- The hoods and surface-mount base are supplied with integrated SKINTOP® cable gland
- Housings with the BRUSH addition come with BRUSH cable screen contacting
- Pluggable with standard housings
- Corrosion-resistant according to DIN EN 6988
- Resistance to cyclic salt spray is tested according to IEC 68-2-52, severity level 2

Suitable inserts

- Refer to Selection Table A10 to select the required inserts and housings

Technical data



Material

Housing: nickel-plated zinc die-casting
Lever and bolts: stainless steel
Sealing: NBR
Cable gland
Body: nickel-plated brass
Insert: PA
Seal: special elastomer



Protection rating

IP 65



Temperature range

-40°C to +100°C

Article number	Article	Cable clamping range (mm)	Minimum Ø above braiding (mm)	Pieces / PU
H-B housing: hood (side cable entry, bolts for double lever)				
70250214	ULTRA H-B 16 TS QB 7-15	7 - 15		1
70250215	ULTRA H-B 16 TS QB 11-21	11 - 21		1
70250216	ULTRA H-B 16 TS QB 11-21 BRUSH	11 - 21	8	1
H-B housing: panel-mount base (double lever)				
70250217	ULTRA H-B 16 AG QB			1

Accessories

EPIC® ULTRA H-B 16 AG QB

- FLEXIMARK® ULTRA L 12X8,5 refer to page 878

New

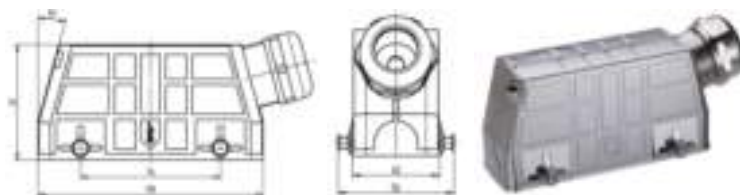
EPIC® ULTRA H-B 24 TS QB

RoHS ✓



Info

- EMC protection
- Corrosion-resistant
- SKINTOP® integrated cable gland



New

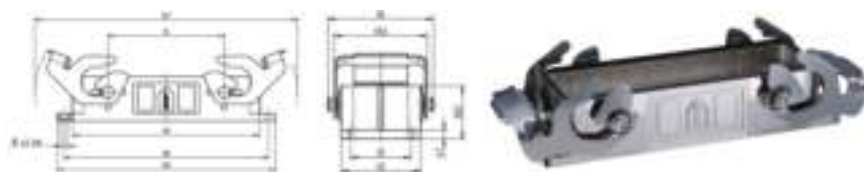
EPIC® ULTRA H-B 24 AG QB

RoHS ✓



Info

- EMC protection
- Corrosion-resistant
- SKINTOP® integrated cable gland



Benefits

- Optimum, low-resistance 360° screening
- All-purpose due to high corrosion resistance and high environmental protection.
- Space-saving due to compact dimensions
- Faster than any other comparable system
- High mechanical resistance

Application range

- In EMC-sensitive environments
- For fixed and flexible applications (e.g. machinery building, wind turbines)
- Construction machinery
- Electric motor manufacturing

Product features

- The hoods and surface-mount base are supplied with integrated SKINTOP® cable gland
- Housings with the BRUSH addition come with BRUSH cable screen contacting
- Pluggable with standard housings
- Corrosion-resistant according to DIN EN 6988
- Resistance to cyclic salt spray is tested according to IEC 68-2-52, severity level 2

Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

Technical data



Material

Housing: nickel-plated zinc die-casting
Lever and bolts: stainless steel
Sealing: NBR
Cable gland
Body: nickel-plated brass
Insert: PA
Seal: special elastomer



Protection rating

IP 65



Temperature range

-40 °C to +100 °C

Article number	Article	Cable clamping range (mm)	Minimum Ø above braiding (mm)	Pieces / PU
H-B housing: hood (side cable entry, bolts for double lever)				
70250219	ULTRA H-B 24 TS QB 7-15	7 - 15		1
70250220	ULTRA H-B 24 TS QB 11-21	11 - 21		1
70250221	ULTRA H-B 24 TS QB 11-21 BRUSH	11 - 21	8	1
H-B housing: panel-mount base (double lever)				
70250222	ULTRA H-B 24 AG QB			1

Accessories

- FLEXIMARK® ULTRA L 12X8,5 refer to page 878

EPIC® H-B 6 TG



EPIC® H-B 6 TGH



EPIC® H-B 6 TS



■ Benefits

- The smallest housing out of the H-B series. For inserts with high electrical properties

■ Application range

- Plant engineering
- Control engineering
- Plastics industry

■ Product features

EPIC® H-B 6 TG

- Hood, low version
- Bolts for single lever
- Straight cable entry
- Versions with / without neck

EPIC® H-B 6 TGH

- Hood, high version
- Bolts for single lever
- Straight cable entry
- Versions with / without neck

EPIC® H-B 6 TS

- Hood, low version
- Bolts for single lever
- Side cable entry
- Versions with neck

■ Suitable inserts

- Refer to Selection Table A10 to select the required inserts and housings

■ Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Neck	Pieces / PU
H-B housing: hood (straight cable entry, bolts for single lever)					
10011000	H-B 6 TG 13,5		13.5	yes	10
10021000	H-B 6 TG 16		16	yes	10
19011000	H-B 6 TG M20	20			10
19021000	H-B 6 TG M25	25			10
H-B housing: hood (straight cable entry, bolts for single lever, high version)					
70020200	H-B 6 TGH 21		21	yes	10
70020400	H-B 6 TGH 29		29	yes	10
79020200	H-B 6 TGH M25	25			10
79020400	H-B 6 TGH M32	32			10
H-B housing: hood (side cable entry, bolts for single lever)					
10012000	H-B 6 TS 13,5		13.5	yes	10
10022000	H-B 6 TS 16		16	yes	10
19012000	H-B 6 TS M20	20		yes	10
19022000	H-B 6 TS M25	25		yes	10

Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717



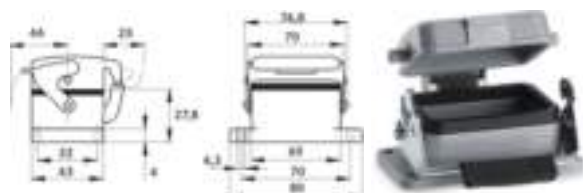
EPIC® H-B 6 TSH



EPIC® H-B 6 AG-LB



EPIC® H-B 6 AD-LB



Benefits

- The smallest housing out of the H-B series.
For inserts with high electrical properties

Application range

- Plant engineering
- Control engineering
- Plastics industry

Product features

EPIC® H-B 6 TSH

- Hood, high version
- Bolts for single lever
- Side cable entry
- Versions with / without neck

EPIC® H-B 6 AG-LB

- Panel-mount base
- Single lever
- Included: flat gasket

EPIC® H-B 6 AD-LB

- Panel-mount base
- Single lever
- Metal cover
- Included: flat gasket

Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Neck	Pieces / PU
H-B housing: hood (side cable entry, bolts for single lever, high version)					
70022200	H-B 6 TSH 21		21	yes	10
70022400	H-B 6 TSH 29		29	yes	10
79022200	H-B 6 TSH M25	25			10
79022400	H-B 6 TSH M32	32			10
H-B housing: panel-mount base (single lever)					
10003000	H-B 6 AG-LB				10
H-B housing: panel-mount base (cover, single lever)					
10004000	H-B 6 AD-LB				10

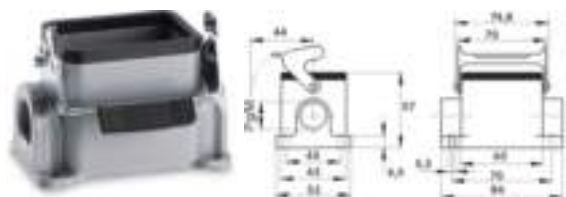
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Accessories

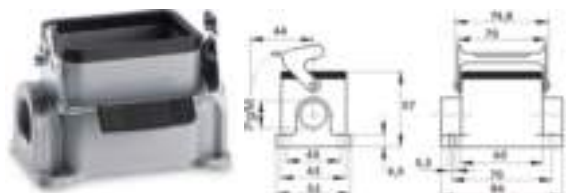
EPIC® H-B 6 TSH

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

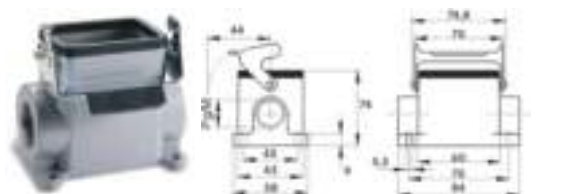
EPIC® H-B 6 SGR-LB



EPIC® H-B 6 SGRL-LB



EPIC® H-B 6 SGRH-LB



■ Benefits

- The smallest housing out of the H-B series. For inserts with high electrical properties

■ Application range

- Plant engineering
- Control engineering
- Plastics industry

■ Product features

EPIC® H-B 6 SGR-LB

- Surface-mount base, low version
- Single lever
- 1 cable entry

EPIC® H-B 6 SGRL-LB

- Surface-mount base, low version
- Single lever
- 2 cable entries

EPIC® H-B 6 SGRH-LB

- Surface-mount base, high version
- Single lever
- 1 cable entry

■ Suitable inserts

- Refer to Selection Table A10 to select the required inserts and housings

■ Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Pieces / PU
H-B housing: surface-mount base (1 cable entry, single lever)				
10005000	H-B 6 SGR 16		16	10
19005000	H-B 6 SGR M20	20		10
79005600	H-B 6 SGR M25	25		10
H-B housing: surface-mount base (2 cable entries, single lever)				
10006000	H-B 6 SGRL 16		16	10
19006000	H-B 6 SGRL M20	20		10
79006600	H-B 6 SGRL M25	25		10
H-B housing: surface-mount base (1 cable entry, single lever, high version)				
70005200	H-B 6 SGRH-LB 21		21	10
70005400	H-B 6 SGRH-LB 29		29	10
79005200	H-B 6 SGRH-LB M25	25		10
79005400	H-B 6 SGRH-LB M32	32		10

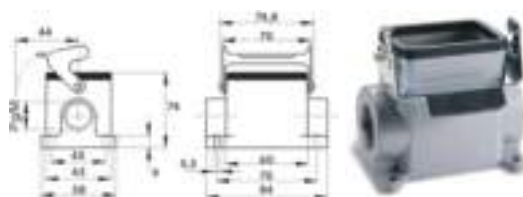
Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories

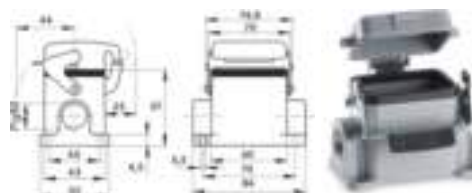
- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717



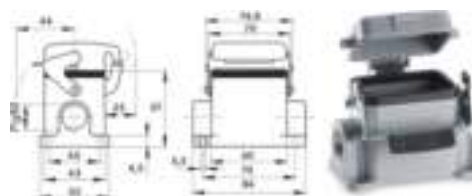
EPIC® H-B 6 SGRLH-LB



EPIC® H-B 6 SDR-LB



EPIC® H-B 6 SDRL-LB



■ Benefits

- The smallest housing out of the H-B series.
For inserts with high electrical properties

■ Application range

- Plant engineering
- Control engineering
- Plastics industry

■ Product features

EPIC® H-B 6 SGRLH-LB

- Surface-mount base, high version
- Single lever
- 2 cable entries

EPIC® H-B 6 SDR-LB

- Surface-mount base, low version
- Single lever
- 1 cable entry
- Metal cover

EPIC® H-B 6 SDRL-LB

- Surface-mount base, low version
- Single lever
- 2 cable entries
- Metal cover

■ Suitable inserts

- Refer to Selection Table A10 to select the required inserts and housings

■ Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

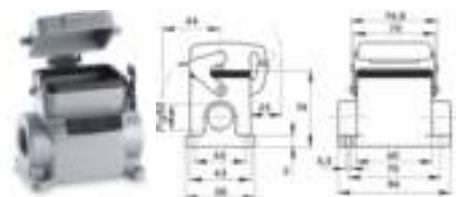
Article number	Article	M	PG	Pieces / PU
H-B housing: surface-mount base (2 cable entries, single lever, high version)				
70006200	H-B 6 SGRLH 21		21	10
79006200	H-B 6 SGRLH M25	25		10
79006400	H-B 6 SGRLH M32	32		10
H-B housing: surface-mount base (cover, 1 cable entry, single lever)				
10007000	H-B 6 SDR 16		16	10
19007000	H-B 6 SDR M20	20		10
79015600	H-B 6 SDR M25	25		10
H-B housing: surface-mount base (cover, 2 cable entries, single lever)				
10009000	H-B 6 SDRL-LB 16		16	10
19009000	H-B 6 SDRL-LB M20	20		10
79016600	H-B 6 SDRL-LB M25	25		10

Photographs are not to scale and do not represent detailed images of the respective products.

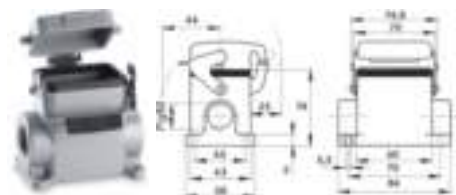
■ Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

EPIC® H-B 6 SDRH-LB



EPIC® H-B 6 SDRLH-LB



Benefits

- The smallest housing out of the H-B series. For inserts with high electrical properties

Application range

- Plant engineering
- Control engineering
- Plastics industry

Product features

EPIC® H-B 6 SDRH-LB

- Surface-mount base, high version
- Single lever
- 1 cable entry
- Metal cover

EPIC® H-B 6 SDRLH-LB

- Surface-mount base, high version
- Single lever
- 2 cable entries
- Metal cover

Suitable inserts

- Refer to Selection Table A10 to select the required inserts and housings

Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Pieces / PU
H-B housing: surface-mount base (cover, 1 cable entry, single lever, high version)				
70015200	H-B 10 SDRH-LB 21		21	10
79015200	H-B 10 SDRH-LB M25	25		10
79015400	H-B 10 SDRH-LB M32	32		10
H-B housing: surface-mount base (cover, 2 cable entries, single lever, high version)				
70016200	H-B 6 SDRLH-LB 21		21	10
79016200	H-B 6 SDRLH-LB M25	25		10
79016400	H-B 6 SDRLH-LB M32	32		10

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717



EPIC® H-B 6 TBF-LB



EPIC® H-B 6 TBFH-LB

Benefits

- The smallest housing out of the H-B series. For inserts with high electrical properties

Application range

- Plant engineering
- Control engineering
- Plastics industry

Product features

EPIC® H-B 6 TBF-LB

- Cable coupler hood, low version
- Single lever
- Straight cable entry
- Versions with / without neck

EPIC® H-B 6 TBFH-LB

- Cable coupler hood, high version
- Single lever
- Straight cable entry
- Versions with / without neck

Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Neck	Pieces / PU
H-B housing: cable coupler hood (1 straight cable entry, single lever)					
10014000	H-B 6 TBF 13,5		13.5	yes	10
10024000	H-B 6 TBF 16		16	yes	10
19014000	H-B 6 TBF M20	20			10
19024000	H-B 6 TBF M25	25			10
H-B housing: cable coupler hood (1 straight cable entry, single lever, high version)					
70010200	H-B 6 TBFH 21		21	yes	10
70010400	H-B 6 TBFH 29		29	yes	10
79010200	H-B 6 TBFH M25	25			10

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

EPIC® H-B 10 TG-RO



EPIC® H-B 10 TGH-RO



EPIC® H-B 10 TS-RO



Benefits

- The smallest housing with single and double lever. The right housing is available for every application

Application range

- Plant engineering
- Light & sound technology
- Plastics industry

Product features

EPIC® H-B 10 TG-RO

- Hood, low version
- Reels for single lever
- Versions with / without neck

EPIC® H-B 10 TGH-RO

- Hood, high version
- Reels for single lever
- Straight cable entry
- Versions with / without neck

EPIC® H-B 10 TS-RO

- Hood, low version
- Reels for single lever
- Side cable entry
- Versions with neck

Suitable inserts

- Refer to Selection Table A10 to select the required inserts and housings

Technical data



Material

EPIC® H-B 10 TG-RO

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR

EPIC® H-B 10 TGH-RO

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

EPIC® H-B 10 TG-RO

IP 65 (latched)

EPIC® H-B 10 TGH-RO

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Neck	Pieces / PU
H-B housing: hood (straight cable entry, bolts for single lever)					
10040900	H-B 10 TG-RO 16		16	yes	10
10040700	H-B 10 TG-RO 21		21	yes	10
19040900	H-B 10 TG-RO M20	20			10
19040700	H-B 10 TG-RO M25	25			10
H-B housing: hood (straight cable entry, bolts for single lever, high version)					
70044200	H-B 10 TGH-RO 21		21	yes	10
70044400	H-B 10 TGH-RO 29		29	yes	10
79044200	H-B 10 TGH-RO M25	25			10
79044400	H-B 10 TGH-RO M32	32			10
H-B housing: hood (side cable entry, bolts for single lever)					
10042900	H-B 10 TS-RO 16		16	yes	10
10042800	H-B 10 TS-RO 21		21	yes	10
19042900	H-B 10 TS-RO M20	20		yes	10
19042800	H-B 10 TS-RO M25	25		yes	10

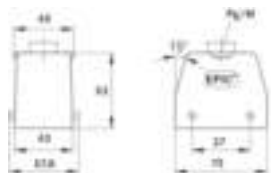
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Accessories

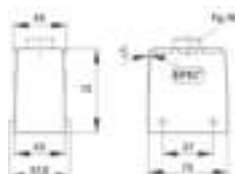
- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717



EPIC® H-B 10 TSH-RO



EPIC® H-B 10 TG



EPIC® H-B 10 TGH

Benefits

- The smallest housing with single and double lever. The right housing is available for every application

Application range

- Plant engineering
- Light & sound technology
- Plastics industry

Product features

EPIC® H-B 10 TSH-RO

- Hood, high version
- Reels for single lever
- Side cable entry
- Versions with / without neck

EPIC® H-B 10 TG

- Hood, low version
- Bolts for double lever
- Straight cable entry
- Versions with / without neck

EPIC® H-B 10 TGH

- Hood, high version
- Bolts for double lever
- Straight cable entry
- Versions with / without neck

Suitable inserts

- Refer to Selection Table A10 to select the required inserts and housings

Technical data



Material
Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating
IP 65 (latched)



Temperature range
-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Neck	Pieces / PU
H-B housing: hood (side cable entry, bolts for single lever, high version)					
70054200	H-B 10 TSH-RO 21		21	yes	10
70054400	H-B 10 TSH-RO 29		29	yes	10
79054200	H-B 10 TSH-RO M25	25			10
79054400	H-B 10 TSH-RO M32	32			10
H-B housing: hood (straight cable entry, bolts for double lever)					
10040000	H-B 10 TG 16		16	yes	10
10040100	H-B 10 TG 21		21	yes	10
19040000	H-B 10 TG M20	20			10
19040100	H-B 10 TG M25	25			10
H-B housing: hood (straight cable entry, bolts for double lever, high version)					
70050400	H-B 10 TGH 21		21	yes	10
70050600	H-B 10 TGH 29		29	yes	10
79050400	H-B 10 TGH M25	25			10
79050600	H-B 10 TGH M32	32			10

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717



- The smallest housing with single and double lever. The right housing is available for every application

- Plant engineering
- Light & sound technology
- Plastics industry

- Hood, low version
- Dual levers
- Straight cable entry
- Versions with / without neck

- Hood, high version
- Dual levers
- Straight cable entry
- Versions with / without neck

- Hood, low version
- Bolts for double lever
- Side cable entry
- Versions with neck

- Refer to Selection Table A10 to select the required inserts and housings

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



IP 65 (latched)



-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Neck	Pieces / PU
H-B housing: hood (straight cable entry, double lever)					
10041000	H-B 10 TGB 16		16	yes	10
19041000	H-B 10 TGB M20	20			10
79055700	H-B 10 TGB M25	25			10
H-B housing: hood (straight cable entry, double lever, high version)					
70055200	H-B 10 TGBH 21		21	yes	10
70055400	H-B 10 TGBH 29		29	yes	10
79055200	H-B 10 TGBH M25	25			10
79055400	H-B 10 TGBH M32	32			10
H-B housing: hood (side cable entry, bolts for double lever)					
10042000	H-B 10 TS 16		16	yes	10
10042100	H-B 10 TS 21		21	yes	10
19042000	H-B 10 TS M20	20		yes	10
19042100	H-B 10 TS M25	25		yes	10

Photographs are not to scale and do not represent detailed images of the respective products.

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717



EPIC® H-B 10 TSH



EPIC® H-B 10 TSB



EPIC® H-B 10 TSBH

Benefits

- The smallest housing with single and double lever. The right housing is available for every application

Application range

- Plant engineering
- Light & sound technology
- Plastics industry

Product features

EPIC® H-B 10 TSH

- Hood, high version
- Bolts for double lever
- Side cable entry
- Versions with / without neck

EPIC® H-B 10 TSB

- Hood, low version
- Dual levers
- Side cable entry
- Versions with neck

EPIC® H-B 10 TSBH

- Hood, high version
- Dual levers
- Side cable entry
- Versions with / without neck

Suitable inserts

- Refer to Selection Table A10 to select the required inserts and housings

Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Neck	Pieces / PU
H-B housing: hood (side cable entry, bolts for double lever, high version)					
70052400	H-B 10 TSH 21		21	yes	10
70052600	H-B 10 TSH 29		29	yes	10
79052400	H-B 10 TSH M25	25			10
79052600	H-B 10 TSH M32	32			10
H-B housing: hood (side cable entry, double lever)					
10045000	H-B 10 TSB 16		16	yes	10
19045000	H-B 10 TSB M20	20		yes	10
79057700	H-B 10 TSB M25	25		yes	10
H-B housing: hood (side cable entry, double lever, high version)					
70057200	H-B 10 TSBH 21		21	yes	10
70057400	H-B 10 TSBH 29		29	yes	10
79057200	H-B 10 TSBH M25	25			10

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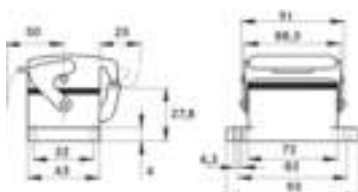
Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

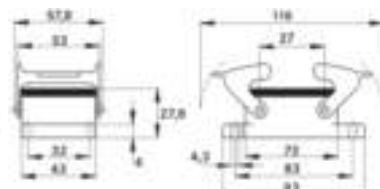
EPIC® H-B 10 AG-LB



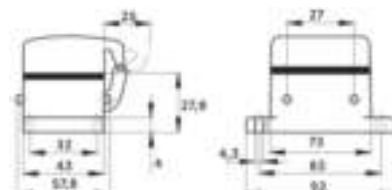
EPIC® H-B 10 AD-LB



EPIC® H-B 10 AG



EPIC® H-B 10 AD-BO



Benefits

- The smallest housing with single and double lever. The right housing is available for every application

Application range

- Plant engineering
- Light & sound technology
- Plastics industry

Product features

EPIC® H-B 10 AG-LB

- Panel-mount base
- Single lever
- Included: flat gasket

EPIC® H-B 10 AD-LB

- Metal cover
- Panel-mount base
- Single lever
- Included: flat gasket

EPIC® H-B 10 AG

- Panel-mount base
- Dual levers
- Included: flat gasket

EPIC® H-B 10 AD-BO

- Panel-mount base
- Bolts for double lever
- Metal cover
- Included: flat gasket

Suitable inserts

- Refer to Selection Table A10 to select the required inserts and housings

Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	Pieces / PU
H-B housing: panel-mount base (single lever)		
10032900	H-B 10 AG-LB	10
H-B housing: panel-mount base (cover, single lever)		
10033900	H-B 10 AD-LB	10
H-B housing: panel-mount base (double lever)		
10032000	H-B 10 AG	10
H-B housing: panel-mount base (cover, bolts for double lever)		
10033000	H-B 10 AD-BO	10

Photographs are not to scale and do not represent detailed images of the respective products.



Info

- Housing for motor termination

Benefits

- Small angle housing for drives and control cabinets with single lever

Application range

- Plant engineering
- Drive systems
- Light & sound technology
- Plastics industry

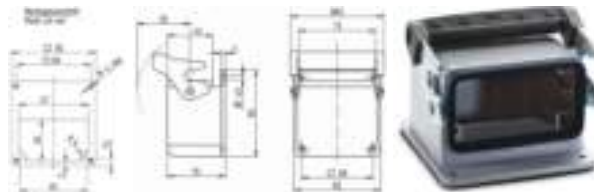
Product features

- Panel-mount base
- Single lever
- Angled version
- Included: flat gasket

Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

EPIC® H-B 10 AGS-LB



Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

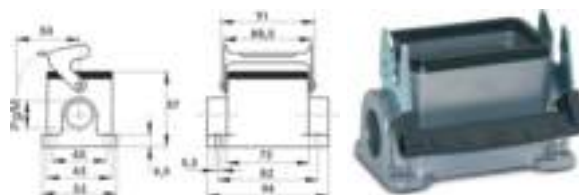
-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	Pieces / PU
H-B housing: panel-mount base (angled, single lever)		
44423026	H-B 10 AGS-LB	5

Photographs are not to scale and do not represent detailed images of the respective products.



EPIC® H-B 10 SGR-LB



EPIC® H-B 10 SGRL-LB



Benefits

- The smallest housing with single and double lever. The right housing is available for every application

Application range

- Plant engineering
- Light & sound technology
- Plastics industry

Product features

EPIC® H-B 10 SGR-LB

- Surface-mount base, low version
- Single lever
- 1 cable entry

EPIC® H-B 10 SGRL-LB

- Surface-mount base, low version
- Single lever
- 2 cable entries

Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Pieces / PU
H-B housing: surface-mount base (1 cable entry, single lever)				
10034900	H-B 10 SGR-LB 16		16	10
10034700	H-B 10 SGR-LB 21		21	10
19034900	H-B 10 SGR-LB M20	20		10
19034700	H-B 10 SGR-LB M25	25		10
H-B housing: surface-mount base (2 cable entries, single lever)				
10035900	H-B 10 SGRL-LB 16		16	10
19035900	H-B 10 SGRL-LB M20	20		10
79061600	H-B 10 SGRL-LB M25	25		10

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

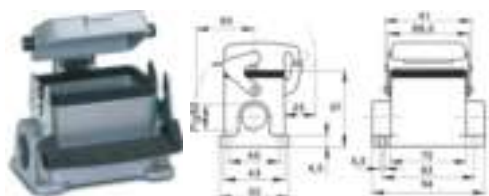
EPIC® H-B 10 SGRH-LB



EPIC® H-B 10 SGRLH-LB



EPIC® H-B 10 SDR-LB



■ Benefits

- The smallest housing with single and double lever. The right housing is available for every application

■ Application range

- Plant engineering
- Light & sound technology
- Plastics industry

■ Product features

EPIC® H-B 10 SGRH-LB

- Surface-mount base, high version
- Single lever
- 1 cable entry

EPIC® H-B 10 SGRLH-LB

- Surface-mount base, high version
- Single lever
- 2 cable entries

EPIC® H-B 10 SDR-LB

- Surface-mount base, low version
- Single lever
- 1 cable entry
- Metal cover

■ Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

■ Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Pieces / PU
H-B housing: surface-mount base (1 cable entry, single lever, high version)				
70060200	H-B 10 SGRH-LB 21		21	10
70060400	H-B 10 SGRH-LB 29		29	10
79060200	H-B 10 SGRH-LB M25	25		10
79060400	H-B 10 SGRH-LB M32	32		10
H-B housing: surface-mount base (2 cable entries, single lever, high version)				
70061200	H-B 10 SGRLH-LB 21		21	10
70061400	H-B 10 SGRLH-LB 29		29	10
79061200	H-B 10 SGRLH-LB M25	25		10
79061400	H-B 10 SGRLH-LB M32	32		10
H-B housing: surface-mount base (cover, 1 cable entry, single lever)				
10036900	H-B 10 SDR-LB 16		16	10
19036900	H-B 10 SDR-LB M20	20		10
79064600	H-B 10 SDR-LB M25	25		10

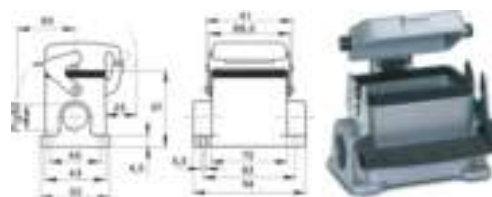
Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories

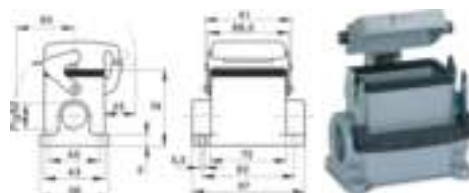
- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717



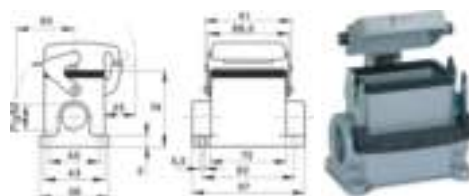
EPIC® H-B 10 SDRL-LB



EPIC® H-B 10 SDRH-LB



EPIC® H-B 10 SDRLH-LB



■ Benefits

- The smallest housing with single and double lever. The right housing is available for every application

■ Application range

- Plant engineering
- Light & sound technology
- Plastics industry

■ Product features

EPIC® H-B 10 SDRL-LB

- Surface-mount base, low version
- Single lever
- 2 cable entries
- Metal cover

EPIC® H-B 10 SDRH-LB

- Surface-mount base, high version
- Single lever
- 1 cable entry
- Metal cover

EPIC® H-B 10 SDRLH-LB

- Surface-mount base, high version
- Single lever
- 2 cable entries
- Metal cover

■ Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

■ Technical data



Material
Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating
IP 65 (latched)



Temperature range
-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Pieces / PU
H-B housing: surface-mount base (cover, 2 cable entries, single lever)				
10038900	H-B 10 SDRL-LB 16		16	10
19038900	H-B 10 SDRL-LB M20	20		10
79065600	H-B 10 SDRL-LB M25	25		10
H-B housing: surface-mount base (cover, 1 cable entry, single lever, high version)				
70064200	H-B 10 SDRH-LB 21		21	5
70064400	H-B 10 SDRH-LB 29		29	5
79064200	H-B 10 SDRH-LB M25	25		5
79064400	H-B 10 SDRH-LB M32	32		5
H-B housing: surface-mount base (cover, 2 cable entries, single lever, high version)				
70065200	H-B 10 SDRLH-LB 21		21	5
70065400	H-B 10 SDRLH-LB 29		29	5
79065200	H-B 10 SDRLH-LB M25	25		5
79065400	H-B 10 SDRLH-LB M32	32		5

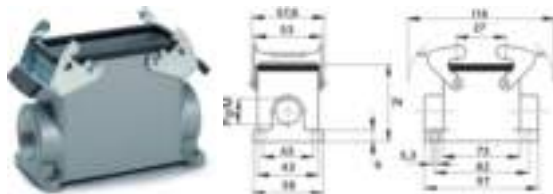
Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717



RoHS ✓



■ Technical data

- Material**
Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR

IP Protection rating
IP 65 (latched)

-  **Temperature range**
-40 °C to +100 °C, short-term up to +125 °C

- Refer to Selection Table A 10 to select the required inserts and housings

- Surface-mount base, low version
- Dual levers
- 1 cable entry

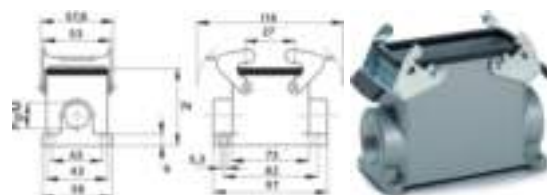
Article number	Article	M	PG	Pieces / PU
H-B housing: surface-mount base (1 cable entry, double lever)				
10034000	H-B 10 SGR 16		16	10
19034000	H-B 10 SGR M20	20		10
19034100	H-B 10 SGR M25	25		10
H-B housing: surface-mount base (2 cable entries, double lever)				
10035000	H-B 10 SGRL 16		16	10
19035000	H-B 10 SGRL M20	20		10
19035100	H-B 10 SGRL M25	25		10
H-B housing: surface-mount base (1 cable entry, double lever, high version)				
70035200	H-B 10 SGRH 21		21	10
70035400	H-B 10 SGRH 29		29	10
79035200	H-B 10 SGRH M25	25		10
79035400	H-B 10 SGRH M32	32		10

Photographs are not to scale and do not represent detailed images of the respective products.

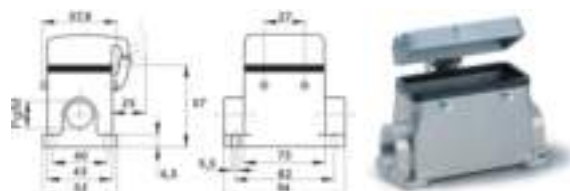
- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717



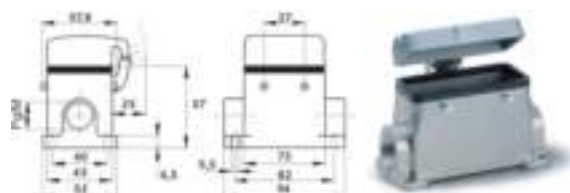
EPIC® H-B 10 SGRLH



EPIC® H-B 10 SDR-BO



EPIC® H-B 10 SDRL-BO



■ Benefits

- The smallest housing with single and double lever. The right housing is available for every application

■ Application range

- Plant engineering
- Light & sound technology
- Plastics industry

■ Product features

EPIC® H-B 10 SGRLH

- Surface-mount base, high version
- Dual levers
- 2 cable entries

EPIC® H-B 10 SDR-BO

- Surface-mount base, low version
- Bolts for double lever
- 1 cable entry
- Metal cover

EPIC® H-B 10 SDRL-BO

- Surface-mount base, low version
- Bolts for double lever
- 2 cable entries
- Metal cover

■ Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

■ Technical data

	Material Housing: powder-coated aluminium alloy, grey Lever: zinc-plated steel Sealing: NBR
	Protection rating IP 65 (latched)
	Temperature range -40 °C to +100 °C, short-term up to +125 °C

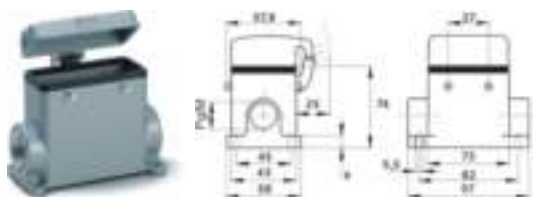
Article number	Article	M	PG	Pieces / PU
H-B housing: surface-mount base (2 cable entries, double lever, high version)				
70036200	H-B 10 SGRLH 21		21	10
70036400	H-B 10 SGRLH 29		29	10
79036200	H-B 10 SGRLH M25	25		10
79036400	H-B 10 SGRLH M32	32		10
H-B housing: surface-mount base (cover, 1 cable entry, bolts for double lever)				
10036000	H-B 10 SDR-BO 16		16	10
19036000	H-B 10 SDR-BO M20	20		10
19036100	H-B 10 SDR-BO M25	25		10
H-B housing: surface-mount base (cover, 2 cable entries, bolts for double lever)				
10038000	H-B 10 SDRL-BO 16		16	10
19038000	H-B 10 SDRL-BO M20	20		10
79046600	H-B 10 SDRL-BO M25	25		10

Photographs are not to scale and do not represent detailed images of the respective products.

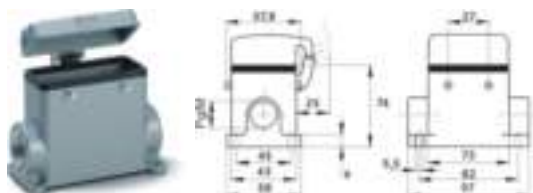
■ Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

EPIC® H-B 10 SDRH-BO



EPIC® H-B 10 SDRLH-BO



■ Benefits

- The smallest housing with single and double lever. The right housing is available for every application

■ Application range

- Plant engineering
- Light & sound technology
- Plastics industry

■ Product features

EPIC® H-B 10 SDRH-BO

- Surface-mount base, high version
- Bolts for double lever
- 1 cable entry
- Metal cover

EPIC® H-B 10 SDRLH-BO

- Surface-mount base, high version
- Bolts for double lever
- 2 cable entries
- Metal cover

■ Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

■ Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Pieces / PU
H-B housing: surface-mount base (cover, 1 cable entry, bolts for double lever, high version)				
70045200	H-B 10 SDRH-BO 21		21	5
70045400	H-B 10 SDRH-BO 29		29	5
79045200	H-B 10 SDRH-BO M25	25		5
H-B housing: surface-mount base (cover, 2 cable entries, bolts for double lever, high version)				
70046200	H-B 10 SDRLH-BO 21		21	5
79046200	H-B 10 SDRLH-BO M25	25		5
79046400	H-B 10 SDRLH-BO M32	32		5

Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717



EPIC® H-B 10 TBF-LB



EPIC® H-B 10 TBFH-LB



EPIC® H-B 10 TBF



Benefits

- The smallest housing with single and double lever. The right housing is available for every application

Application range

- Plant engineering
- Light & sound technology
- Plastics industry

Product features

EPIC® H-B 10 TBF-LB

- Cable coupler hood, low version
- Single lever
- Straight cable entry
- Versions with / without neck

EPIC® H-B 10 TBFH-LB

- Cable coupler hood, high version
- Single lever
- Straight cable entry
- Versions with / without neck

EPIC® H-B 10 TBF

- Cable coupler hood, low version
- Dual levers
- Straight cable entry
- Versions with / without neck

Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

Article number	Article	M	PG	Neck	Pieces / PU
H-B housing: cable coupler hood (1 straight cable entry, single lever)					
10046900	H-B 10 TBF-LB 16		16	yes	10
70042200	H-B 10 TBF-LB 21		21	yes	10
19046900	H-B 10 TBF-LB M20	20			10
79042200	H-B 10 TBF-LB M25	25			10
H-B housing: cable coupler hood (1 straight cable entry, single lever, high version)					
70042400	H-B 10 TBFH-LB 21		21	yes	10
70042600	H-B 10 TBFH-LB 29		29	yes	10
79042400	H-B 10 TBFH-LB M25	25			10
79042600	H-B 10 TBFH-LB M32	32			10
H-B housing: cable coupler hood (straight cable entry, double lever)					
10046000	H-B 10 TBF 16		16	yes	10
70040200	H-B 10 TBF 21		21	yes	10
19046000	H-B 10 TBF M20	20			10
79040200	H-B 10 TBF M25	25			10

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

EPIC® H-B 10 TBFH



■ Benefits

- The smallest housing with single and double lever. The right housing is available for every application

■ Application range

- Plant engineering
- Light & sound technology
- Plastics industry

■ Product features

- Cable coupler hood, high version
- Dual levers
- Straight cable entry
- Versions with / without neck

■ Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

■ Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Neck	Pieces / PU
H-B housing: cable coupler hood (straight cable entry, double lever, high version)					
70040400	H-B 10 TBFH 21		21	yes	10
70040600	H-B 10 TBFH 29		29	yes	10
79040400	H-B 10 TBFH M25	25			10
79040600	H-B 10 TBFH M32	32			10

Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

EPIC® H-B 16 TSH-RO



EPIC® H-B 16 TG



EPIC® H-B 16 TG 2X



■ Benefits

- The housing standard. Wide choice for all applications

■ Application range

- Plant engineering
- Light & sound technology
- Plastics industry

■ Product features

EPIC® H-B 16 TSH-RO

- Hood, high version
- Reels for single lever
- Side cable entry
- Versions with / without neck

EPIC® H-B 16 TG

- Hood, low version
- Bolts for double lever
- Straight cable entry
- Versions with / without neck

EPIC® H-B 16 TG 2X

- Hood, low version
- Bolts for double lever
- 2 straight cable entries
- Versions with neck

■ Suitable inserts

- Refer to Selection Table A10 to select the required inserts and housings

■ Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

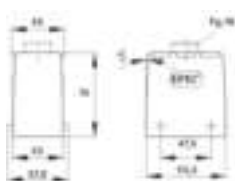
-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Neck	Pieces / PU
H-B housing: hood (side cable entry, bolts for single lever, high version)					
70104200	H-B 16 TSH-RO 21		21	yes	5
70104400	H-B 16 TSH-RO 29		29	yes	5
79104200	H-B 16 TSH-RO M25	25			5
79104400	H-B 16 TSH-RO M32	32			5
79104800	H-B 16 TSH-RO M40	40			5
H-B housing: hood (straight cable entry, bolts for double lever)					
10080000	H-B 16 TG 21		21	yes	5
10090000	H-B 16 TG 29		29	yes	5
19080000	H-B 16 TG M25	25			5
19090000	H-B 16 TG M32	32			5
H-B housing: hood (2 straight cable entries, bolts for double lever)					
19080500	H-B 16 TG 2XM25	2 x 25		yes	5

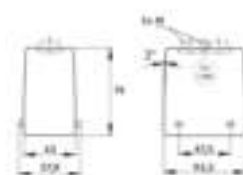
Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717



EPIC® H-B 16 TGH



EPIC® H-B 16 TGH 2X

■ Benefits

- The housing standard. Wide choice for all applications

■ Application range

- Plant engineering
- Light & sound technology
- Plastics industry

■ Product features

EPIC® H-B 16 TGH

- Hood, high version
- Bolts for double lever
- Straight cable entry
- Versions with / without neck

EPIC® H-B 16 TGH 2X

- Hood, high version
- Bolts for double lever
- 2 straight cable entries
- Versions without neck

■ Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

■ Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Neck	Pieces / PU
H-B housing: hood (straight cable entry, bolts for double lever, high version)					
70100200	H-B 16 TGH 21		21	yes	5
70100400	H-B 16 TGH 29		29	yes	5
79100200	H-B 16 TGH M25	25			5
79100400	H-B 16 TGH M32	32			5
79100800	H-B 16 TGH M40	40			5
H-B housing: hood (2 straight cable entries, bolts for double lever, high version)					
44422018	H-B 16 TGH 2XM25	2 x 25			5
79128600	H-B 16 TGH 2XM32	2 x 32			5

Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

EPIC® H-B 16 TGB



EPIC® H-B 16 TGBH



EPIC® H-B 16 TS



Benefits

- The housing standard. Wide choice for all applications

Application range

- Plant engineering
- Light & sound technology
- Plastics industry

Product features

EPIC® H-B 16 TGB

- Hood, low version
- Dual levers
- Straight cable entry
- Versions with / without neck

EPIC® H-B 16 TGBH

- Hood, high version
- Dual levers
- Straight cable entry
- Versions with / without neck

EPIC® H-B 16 TS

- Hood, low version
- Bolts for double lever
- Side cable entry
- Versions with neck

Suitable inserts

- Refer to Selection Table A10 to select the required inserts and housings

Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Neck	Pieces / PU
H-B housing: hood (straight cable entry, double lever)					
10081000	H-B 16 TGB 21		21	yes	5
19081000	H-B 16 TGB M25	25			5
H-B housing: hood (straight cable entry, double lever, high version)					
70105200	H-B 16TGBH 21		21	yes	5
70105400	H-B 16TGBH 29		29	yes	5
79105200	H-B 16TGBH M25	25			5
79105400	H-B 16TGBH M32	32			5
H-B housing: hood (side cable entry, bolts for double lever)					
10082000	H-B 16 TS 21		21	yes	5
10092000	H-B 16 TS 29		29	yes	5
19082000	H-B 16 TS M25	25		yes	5
19092000	H-B 16 TS M32	32		yes	5

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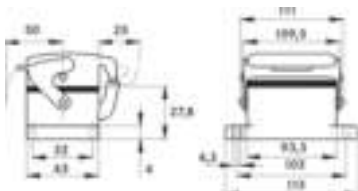
Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

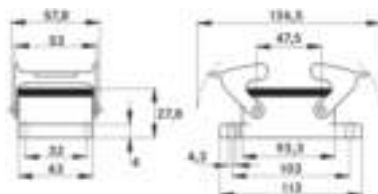
EPIC® H-B 16 AG-LB



EPIC® H-B 16 AD-LB



EPIC® H-B 16 AG



Benefits

- The housing standard. Wide choice for all applications

Application range

- Plant engineering
- Light & sound technology
- Plastics industry

Product features

EPIC® H-B 16 AG-LB

- Panel-mount base
- Single lever
- Included: flat gasket

EPIC® H-B 16 AD-LB

- Panel-mount base
- Single lever
- Metal cover
- Included: flat gasket

EPIC® H-B 16 AG

- Panel-mount base
- Dual levers
- Included: flat gasket

Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

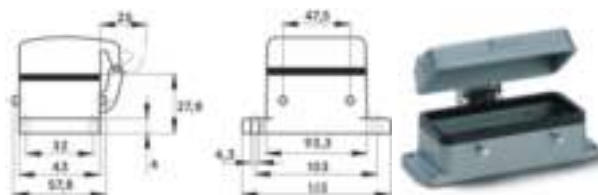
-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	Pieces / PU
H-B housing: panel-mount base (single lever)		
10072900	H-B 16 AG-LB	5
H-B housing: panel-mount base (cover, single lever)		
10073900	H-B 16 AD-LB	5
H-B housing: panel-mount base (double lever)		
10072000	H-B 16 AG	5

Photographs are not to scale and do not represent detailed images of the respective products.



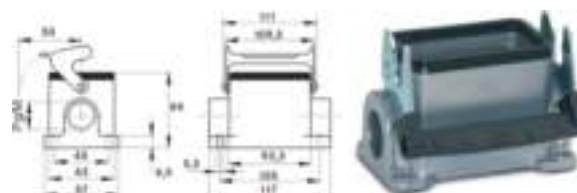
EPIC® H-B 16 AD-BO



EPIC® H-B 16 SGR-LB



EPIC® H-B 16 SGRL-LB



Benefits

- The housing standard. Wide choice for all applications

Application range

- Plant engineering
- Light & sound technology
- Plastics industry

Product features

- EPIC® H-B 16 AD-BO
- Panel-mount base
- Bolts for double lever
- Metal cover
- Included: flat gasket

EPIC® H-B 16 SGR-LB

- Surface-mount base, low version
- Single lever
- 1 cable entry

EPIC® H-B 16 SGRL-LB

- Surface-mount base, low version
- Single lever
- 2 cable entries

Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

Technical data



Material
Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating
IP 65 (latched)



Temperature range
-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Pieces / PU
H-B housing: panel-mount base (cover, bolts for double lever)				
10073000	H-B 16 AD-BO			5
H-B housing: surface-mount base (1 cable entry, single lever)				
10074900	H-B 16 SGR-LB 21		21	5
19074900	H-B 16 SGR-LB M25	25		5
H-B housing: surface-mount base (2 cable entries, single lever)				
10075900	H-B 16 SGRL-LB 21		21	5
19075900	H-B 16 SGRL-LB M25	25		5

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

EPIC® H-B 16 SGR-LB

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

EPIC® H-B 16 SGRL-LB

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

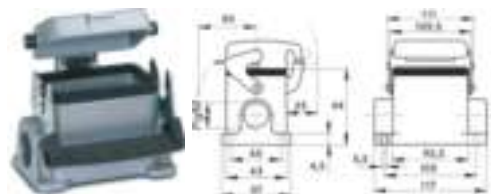
EPIC® H-B 16 SGRH-LB



EPIC® H-B 16 SGRLH-LB



EPIC® H-B 16 SDR-LB



■ Benefits

- The housing standard. Wide choice for all applications

■ Application range

- Plant engineering
- Light & sound technology
- Plastics industry

■ Product features

EPIC® H-B 16 SGRH-LB

- Surface-mount base, high version
- Single lever
- 1 cable entry

EPIC® H-B 16 SGRLH-LB

- Surface-mount base, high version
- Single lever
- 2 cable entries

EPIC® H-B 16 SDR-LB

- Surface-mount base, low version
- Single lever
- 1 cable entry
- Metal cover

■ Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

■ Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Pieces / PU
H-B housing: surface-mount base (1 cable entry, single lever, high version)				
70110200	H-B 16 SGRH-LB 21		21	5
70110400	H-B 16 SGRH-LB 29		29	5
79110200	H-B 16 SGRH-LB M25	25		5
79110400	H-B 16 SGRH-LB M32	32		5
H-B housing: surface-mount base (2 cable entries, single lever, high version)				
70111200	H-B 16 SGRLH-LB 21		21	5
70111400	H-B 16 SGRLH-LB 29		29	5
79111200	H-B 16 SGRLH-LB M25	25		5
79111400	H-B 16 SGRLH-LB M32	32		5
H-B housing: surface-mount base (cover, 1 cable entry, single lever)				
10076900	H-B 16 SDR-LB 21		21	5
19076900	H-B 16 SDR-LB M25	25		5

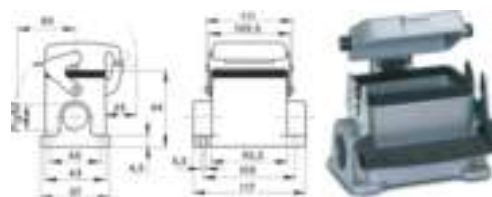
Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories

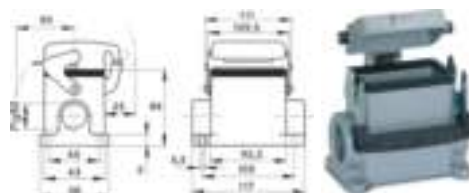
- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717



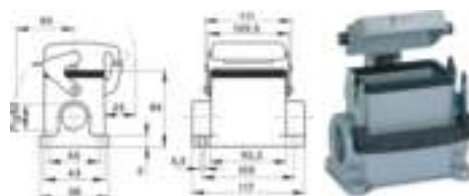
EPIC® H-B 16 SDRL-LB



EPIC® H-B 16 SDRH-LB



EPIC® H-B 16 SDRLH-LB



■ Benefits

- The housing standard. Wide choice for all applications

■ Application range

- Plant engineering
- Light & sound technology
- Plastics industry

■ Product features

EPIC® H-B 16 SDRL-LB

- Surface-mount base, low version
- Single lever
- 2 cable entries
- Metal cover

EPIC® H-B 16 SDRH-LB

- Surface-mount base, high version
- Single lever
- 1 cable entry
- Metal cover

EPIC® H-B 16 SDRLH-LB

- Surface-mount base, high version
- Single lever
- 2 cable entries
- Metal cover

■ Suitable inserts

- Refer to Selection Table A10 to select the required inserts and housings

■ Technical data



Material
Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating
IP 65 (latched)



Temperature range
-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Pieces / PU
H-B housing: surface-mount base (cover, 2 cable entries, single lever)				
10078900	H-B 16 SDRL-LB 21		21	5
19078900	H-B 16 SDRL-LB M25	25		5
H-B housing: surface-mount base (cover, 1 cable entry, single lever, high version)				
70114200	H-B 16 SDRH-LB 21		21	5
70114400	H-B 16 SDRH-LB 29		29	5
79114200	H-B 16 SDRH-LB M25	25		5
79114400	H-B 16 SDRH-LB M32	32		5
H-B housing: surface-mount base (cover, 2 cable entries, single lever, high version)				
70115200	H-B 16 SDRLH-LB 21		21	5
70115400	H-B 16 SDRLH-LB 29		29	5
79115200	H-B 16 SDRLH-LB M25	25		5
79115400	H-B 16 SDRLH-LB M32	32		5

Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

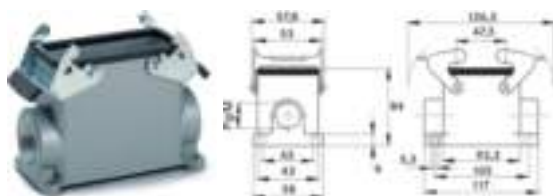
EPIC® H-B 16 SGR



EPIC® H-B 16 SGRL



EPIC® H-B 16 SGRH



■ Benefits

- The housing standard. Wide choice for all applications

■ Application range

- Plant engineering
- Light & sound technology
- Plastics industry

■ Product features

EPIC® H-B 16 SGR

- Surface-mount base, low version
- Dual levers
- 1 cable entry

EPIC® H-B 16 SGRL

- Surface-mount base, low version
- Dual levers
- 2 cable entries

EPIC® H-B 16 SGRH

- Surface-mount base, high version
- Dual levers
- 1 cable entry

■ Suitable inserts

- Refer to Selection Table A10 to select the required inserts and housings

■ Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Pieces / PU
H-B housing: surface-mount base (1 cable entry, double lever)				
10074000	H-B 16 SGR 21		21	5
19074000	H-B 16 SGR M25	25		5
H-B housing: surface-mount base (2 cable entries, double lever)				
10075000	H-B 16 SGRL 21		21	5
19075000	H-B 16 SGRL M25	25		5
H-B housing: surface-mount base (1 cable entry, double lever, high version)				
70085200	H-B 16 SGRH 21		21	5
70085400	H-B 16 SGRH 29		29	5
79085200	H-B 16 SGRH M25	25		5
79085400	H-B 16 SGRH M32	32		5

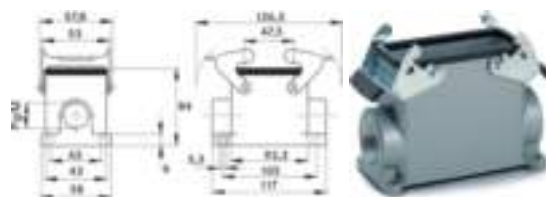
Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories

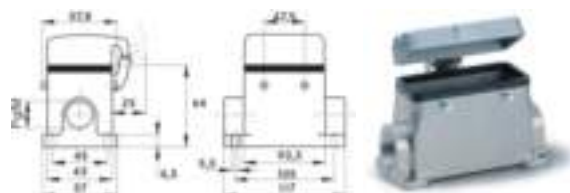
- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717



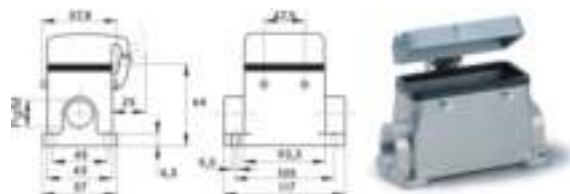
EPIC® H-B 16 SGRLH



EPIC® H-B 16 SDR-BO



EPIC® H-B 16 SDRL-BO



Benefits

- The housing standard. Wide choice for all applications

Application range

- Plant engineering
- Light & sound technology
- Plastics industry

Product features

EPIC® H-B 16 SGRLH

- Surface-mount base, high version
- Dual levers
- 2 cable entries

EPIC® H-B 16 SDR-BO

- Surface-mount base, low version
- Bolts for double lever
- 1 cable entry
- Metal cover

EPIC® H-B 16 SDRL-BO

- Surface-mount base, low version
- Bolts for double lever
- 2 cable entries
- Metal cover

Suitable inserts

- Refer to Selection Table A10 to select the required inserts and housings

Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

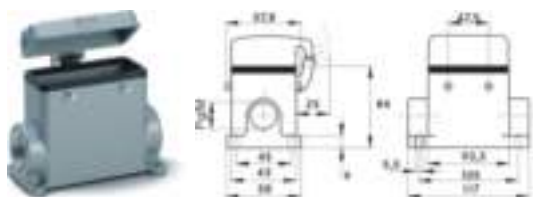
Article number	Article	M	PG	Pieces / PU
H-B housing: surface-mount base (2 cable entries, double lever, high version)				
70086200	H-B 16 SGRLH 21		21	5
70086400	H-B 16 SGRLH 29		29	5
79086200	H-B 16 SGRLH M25	25		5
79086400	H-B 16 SGRLH M32	32		5
H-B housing: surface-mount base (cover, 1 cable entry, bolts for double lever)				
10076000	H-B 16 SDR-BO 21		21	5
19076000	H-B 16 SDR-BO M25	25		5
H-B housing: surface-mount base (cover, 2 cable entries, bolts for double lever)				
70096000	H-B 16 SDRL-BO 21		21	5
79096000	H-B 16 SDRL-BO M25	25		5

Photographs are not to scale and do not represent detailed images of the respective products.

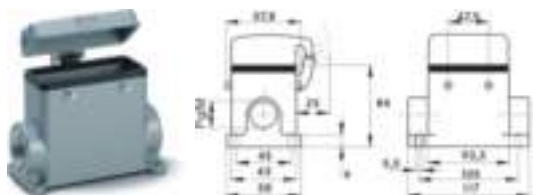
Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

EPIC® H-B 16 SDRH-BO



EPIC® H-B 16 SDR LH-BO



Benefits

- The housing standard. Wide choice for all applications

Application range

- Plant engineering
- Light & sound technology
- Plastics industry

Product features

EPIC® H-B 16 SDRH-BO

- Surface-mount base, high version
- Bolts for double lever
- 1 cable entry
- Metal cover

EPIC® H-B 16 SDR LH-BO

- Surface-mount base, high version
- Bolts for double lever
- 2 cable entries
- Metal cover

Suitable inserts

- Refer to Selection Table A10 to select the required inserts and housings

Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Pieces / PU
H-B housing: surface-mount base (cover, 1 cable entry, bolts for double lever, high version)				
70095200	H-B 16 SDRH-BO 21		21	5
70095400	H-B 16 SDRH-BO 29		29	5
79095200	H-B 16 SDRH-BO M25	25		5
79095400	H-B 16 SDRH-BO M32	32		5
H-B housing: surface-mount base (cover, 2 cable entries, bolts for double lever, high version)				
70096200	H-B 16 SDR LH-BO 21		21	5
79096200	H-B 16 SDR LH-BO M25	25		5
79096400	H-B 16 SDR LH-BO M32	32		5

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717



EPIC® H-B 16 TBF-LB



EPIC® H-B 16 TBFH-LB



EPIC® H-B 16 TBF



■ Benefits

- The housing standard. Wide choice for all applications

■ Application range

- Plant engineering
- Light & sound technology
- Plastics industry

■ Product features

EPIC® H-B 16 TBF-LB

- Cable coupler hood, low version
- Single lever
- Straight cable entry
- Versions with / without neck

EPIC® H-B 16 TBFH-LB

- Cable coupler hood, high version
- Single lever
- Straight cable entry
- Versions with / without neck

EPIC® H-B 16 TBF

- Cable coupler hood, low version
- Dual levers
- Straight cable entry
- Versions with / without neck

■ Suitable inserts

- Refer to Selection Table A10 to select the required inserts and housings

■ Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

EPIC® H-B 16 TBFH-LB

-40 °C to +100 °C, short-term up to +125 °C

EPIC® H-B 16 TBF

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Neck	Pieces / PU
H-B housing: cable coupler hood (1 straight cable entry, single lever)					
10086900	H-B 16 TBF-LB 21		21	yes	5
19086900	H-B 16 TBF-LB 25	25			5
H-B housing: cable coupler hood (1 straight cable entry, single lever, high version)					
70092200	H-B 16 TBFH-LB 21		21	yes	5
70092400	H-B 16 TBFH-LB 29		29	yes	5
79092200	H-B 16 TBFH-LB M25	25			5
79092400	H-B 16 TBFH-LB M32	32			5
H-B housing: cable coupler hood (straight cable entry, double lever)					
10086000	H-B 16 TBF 21		21	yes	5
19086000	H-B 16 TBF M25	25			5

Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

EPIC® H-B 16 TBFH



Benefits

- The housing standard. Wide choice for all applications

Application range

- Plant engineering
- Plastics industry
- Light & sound technology

Product features

- Cable coupler hood, high version
- Dual levers
- Straight cable entry
- Versions with / without neck

Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

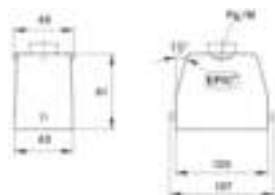
-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Neck	Pieces / PU
H-B housing: cable coupler hood (straight cable entry, double lever, high version)					
70090200	H-B 16 TBFH 21		21	yes	5
70090400	H-B 16 TBFH 29		29	yes	5
79090200	H-B 16 TBFH M25	25			5
79090400	H-B 16 TBFH M32	32			5

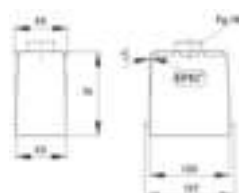
Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717



EPIC® H-B 24 TG-RO



EPIC® H-B 24 TGH-RO



EPIC® H-B 24 TS-RO

■ Benefits

- Ideal for many applications due to a wide range of housings and inserts

■ Application range

- Plant engineering
- Light & sound technology
- Plastics industry

■ Product features

EPIC® H-B 24 TG-RO

- Hood, low version
- Reels for single lever
- Straight cable entry
- Versions with / without neck

EPIC® H-B 24 TGH-RO

- Hood, high version
- Reels for single lever
- Straight cable entry
- Versions with / without neck

EPIC® H-B 24 TS-RO

- Hood, low version
- Reels for single lever
- Side cable entry
- Versions with neck

■ Suitable inserts

- Refer to Selection Table A10 to select the required inserts and housings

■ Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Neck	Pieces / PU
H-B housing: hood (straight cable entry, bolts for single lever)					
10121900	H-B 24 TG-RO 21		21	yes	5
10111900	H-B 24 TG-RO 29		29	yes	5
19121900	H-B 24 TG-RO M25	25			5
19111900	H-B 24 TG-RO M32	32			5
H-B housing: hood (straight cable entry, bolts for single lever, high version)					
70144400	H-B 24 TGH-RO 21		21	yes	5
70144600	H-B 24 TGH-RO 29		29	yes	5
79144400	H-B 24 TGH-RO M25	25			5
79144600	H-B 24 TGH-RO M32	32			5
79144800	H-B 24 TGH-RO M40	40			5
H-B housing: hood (side cable entry, bolts for single lever)					
10113900	H-B 24 TS-RO 21		21	yes	5
10123900	H-B 24 TS-RO 29		29	yes	5
19113900	H-B 24 TS-RO M25	25		yes	5
19123900	H-B 24 TS-RO M32	32		yes	5

Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

EPIC® H-B 24 TSH-RO



EPIC® H-B 24 TG



EPIC® H-B 24 TG 2X



Benefits

- Ideal for many applications due to a wide range of housings and inserts

Application range

- Plant engineering
- Light & sound technology
- Plastics industry

Product features

EPIC® H-B 24 TSH-RO

- Hood, high version
- Reels for single lever
- Side cable entry
- Versions with / without neck

EPIC® H-B 24 TG

- Hood, low version
- Bolts for double lever
- Straight cable entry
- Versions with / without neck

EPIC® H-B 24 TG 2X

- Hood, low version
- Bolts for double lever
- 2 straight cable entries
- Versions with neck

Suitable inserts

- Refer to Selection Table A10 to select the required inserts and housings

Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

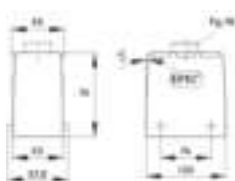
-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Neck	Pieces / PU
H-B housing: hood (side cable entry, bolts for single lever, high version)					
70154400	H-B 24 TSH-RO 21		21	yes	5
70154600	H-B 24 TSH-RO 29		29	yes	5
79154400	H-B 24 TSH-RO M25	25			5
79154600	H-B 24 TSH-RO M32	32			5
79154800	H-B 24 TSH-RO M40	40			5
H-B housing: hood (straight cable entry, bolts for double lever)					
10121000	H-B 24 TG 21		21	yes	5
10111000	H-B 24 TG 29		29	yes	5
19121000	H-B 24 TG M25	25			5
19111000	H-B 24 TG M32	32			5
H-B housing: hood (2 straight cable entries, bolts for double lever)					
44422019	H-B 24 TG 2XM25	2 x 25		yes	5
44422020	H-B 24 TG 2XM32	2 x 32		yes	5

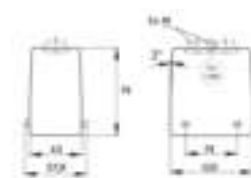
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Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717



EPIC® H-B 24 TGH 2X



Benefits

- Ideal for many applications due to a wide range of housings and inserts

Application range

- Plant engineering
- Light & sound technology
- Plastics industry

Product features

EPIC® H-B 24 TGH

- Hood, high version
- Bolts for double lever
- Straight cable entry
- Versions with / without neck

EPIC® H-B 24 TGH 2X

- Hood, high version
- Bolts for double lever
- 2 straight cable entries
- Versions without neck

Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

Technical data



Material
Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating
IP 65 (latched)



Temperature range
-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Neck	Pieces / PU
H-B housing: hood (straight cable entry, bolts for double lever, high version)					
70150400	H-B 24 TGH 21		21	yes	5
70150600	H-B 24 TGH 29		29	yes	5
79150400	H-B 24 TGH M25	25			5
79150600	H-B 24 TGH M32	32			5
79150800	H-B 24 TGH M40	40			5
H-B housing: hood (2 straight cable entries, bolts for double lever, high version)					
44422021	H-B 24 TGH 2XM25	2 x 25			5
79178500	H-B 24 TGH 2XM32	2 x 32			5

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

EPIC® H-B 24 TGB



EPIC® H-B 24 TGBH



EPIC® H-B 24 TS



Benefits

- Ideal for many applications due to a wide range of housings and inserts

Application range

- Plant engineering
- Light & sound technology
- Plastics industry

Product features

EPIC® H-B 24 TGB

- Hood, low version
- Dual levers
- Straight cable entry
- Versions with / without neck

EPIC® H-B 24 TGBH

- Hood, high version
- Dual levers
- Straight cable entry
- Versions with / without neck

EPIC® H-B 24 TS

- Hood, low version
- Bolts for double lever
- Side cable entry
- Versions with neck

Suitable inserts

- Refer to Selection Table A10 to select the required inserts and housings

Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Neck	Pieces / PU
H-B housing: hood (straight cable entry, double lever)					
10122000	H-B 24 TGB 21		21	yes	5
10112000	H-B 24 TGB 29		29	yes	5
19122000	H-B 24 TGB M25	25			5
19112000	H-B 24 TGB M32	32			5
H-B housing: hood (straight cable entry, double lever, high version)					
70155400	H-B 24 TGBH 21		21	yes	5
70155600	H-B 24 TGBH 29		29	yes	5
79155400	H-B 24 TGBH M25	25			5
79155600	H-B 24 TGBH M32	32			5
H-B housing: hood (side cable entry, bolts for double lever)					
10113000	H-B 24 TS 21		21	yes	5
10123000	H-B 24 TS 29		29	yes	5
19113000	H-B 24 TS M25	25		yes	5
19123000	H-B 24 TS M32	32		yes	5

Photographs are not to scale and do not represent detailed images of the respective products.

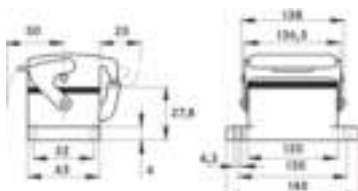
Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

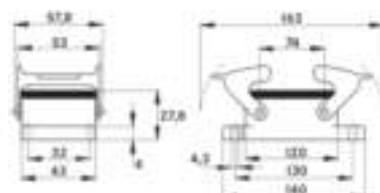
EPIC® H-B 24 AG-LB



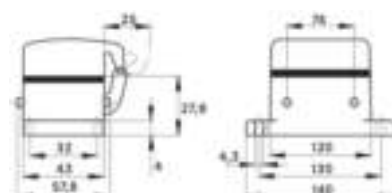
EPIC® H-B 24 AD-LB



EPIC® H-B 24 AG



EPIC® H-B 24 AD-BO



Benefits

- Ideal for many applications due to a wide range of housings and inserts

Application range

- Plant engineering
- Light & sound technology
- Plastics industry

Product features

EPIC® H-B 24 AG-LB

- Panel-mount base
- Single lever
- Included: flat gasket

EPIC® H-B 24 AD-LB

- Panel-mount base
- Single lever
- Metal cover
- Included: flat gasket

EPIC® H-B 24 AG

- Panel-mount base
- Dual levers
- Included: flat gasket

EPIC® H-B 24 AD-BO

- Panel-mount base
- Bolts for double lever
- Metal cover
- Included: flat gasket

Suitable inserts

- Refer to Selection Table A10 to select the required inserts and housings

Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	Pieces / PU
H-B housing: panel-mount base (single lever)		
10102900	H-B 24 AG-LB	5
H-B housing: panel-mount base (cover, single lever)		
10103900	H-B 24 AD-LB	5
H-B housing: panel-mount base (double lever)		
10102000	H-B 24 AG	5
H-B housing: panel-mount base (cover, bolts for double lever)		
10103000	H-B 24 AD-BO	5

Photographs are not to scale and do not represent detailed images of the respective products.

For current information see: www.lappgroup.com



EPIC® H-B 24 SGR-LB



EPIC® H-B 24 SGRL-LB



Benefits

- Ideal for many applications due to a wide range of housings and inserts

Application range

- Plant engineering
- Light & sound technology
- Plastics industry

Product features

EPIC® H-B 24 SGR-LB

- Surface-mount base, low version
- Single lever
- 1 cable entry

EPIC® H-B 24 SGRL-LB

- Surface-mount base, low version
- Single lever
- 2 cable entries

Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

Article number	Article	M	PG	Pieces / PU
H-B housing: surface-mount base (1 cable entry, single lever)				
10104900	H-B 24 SGR-LB 21		21	5
19104900	H-B 24 SGR-LB M25	25		5
H-B housing: surface-mount base (2 cable entries, single lever)				
10105900	H-B 24 SGRL-LB 21		21	5
19105900	H-B 24 SGRL-LB M25	25		5

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

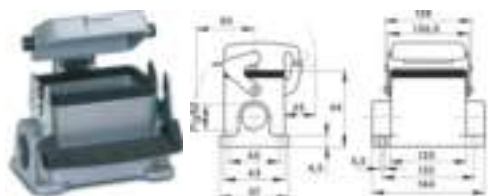
EPIC® H-B 24 SGRH-LB



EPIC® H-B 24 SGR LH-LB



EPIC® H-B 24 SDR-LB



Benefits

- Ideal for many applications due to a wide range of housings and inserts

Application range

- Plant engineering
- Light & sound technology
- Plastics industry

Product features

EPIC® H-B 24 SGRH-LB

- Surface-mount base, high version
- Single lever
- 1 cable entry

EPIC® H-B 24 SGR LH-LB

- Surface-mount base, high version
- Single lever
- 2 cable entries

EPIC® H-B 24 SDR-LB

- Surface-mount base, low version
- Single lever
- 1 cable entry
- Metal cover

Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Pieces / PU
H-B housing: surface-mount base (1 cable entry, single lever, high version)				
70160200	H-B 24 SGRH-LB 21		21	5
70160400	H-B 24 SGRH-LB 29		29	5
79160200	H-B 24 SGRH-LB M25	25		5
79160400	H-B 24 SGRH-LB M32	32		5
H-B housing: surface-mount base (2 cable entries, single lever, high version)				
70161200	H-B 24 SGR LH-LB 21		21	5
70161400	H-B 24 SGR LH-LB 29		29	5
79161200	H-B 24 SGR LH-LB M25	25		5
79161400	H-B 24 SGR LH-LB M32	32		5
H-B housing: surface-mount base (cover, 1 cable entry, single lever)				
10107900	H-B 24 SDR-LB 21		21	5
19107900	H-B 24 SDR-LB M25	25		5

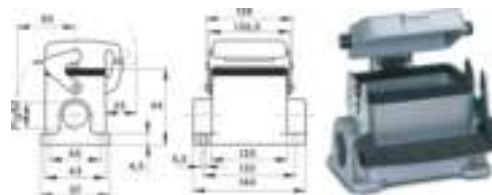
Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717



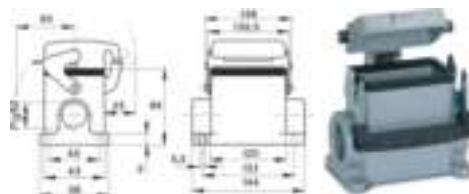
EPIC® H-B 24 SDRL-LB



EPIC® H-B 24 SDRH-LB



EPIC® H-B 24 SDRLH-LB



■ Benefits

- Ideal for many applications due to a wide range of housings and inserts

■ Application range

- Plant engineering
- Light & sound technology
- Plastics industry

■ Product features

EPIC® H-B 24 SDRL-LB

- Surface-mount base, low version
- Single lever
- 2 cable entries
- Metal cover

EPIC® H-B 24 SDRH-LB

- Surface-mount base, high version
- Single lever
- 1 cable entry
- Metal cover

EPIC® H-B 24 SDRLH-LB

- Surface-mount base, high version
- Single lever
- 2 cable entries
- Metal cover

■ Suitable inserts

- Refer to Selection Table A10 to select the required inserts and housings

■ Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Pieces / PU
H-B housing: surface-mount base (cover, 2 cable entries, single lever)				
10109900	H-B 24 SDRL-LB 21		21	5
19109900	H-B 24 SDRL-LB M25	25		5
H-B housing: surface-mount base (cover, 1 cable entry, single lever, high version)				
70164200	H-B 24 SDRH-LB 21		21	5
70164400	H-B 24 SDRH-LB 29		29	5
79164200	H-B 24 SDRH-LB M25	25		5
79164400	H-B 24 SDRH-LB M32	32		5
H-B housing: surface-mount base (cover, 2 cable entries, single lever, high version)				
70165200	H-B 24 SDRLH-LB 21		21	5
70165400	H-B 24 SDRLH-LB 29		29	5
79165200	H-B 24 SDRLH-LB M25	25		5
79165400	H-B 24 SDRLH-LB M32	32		5

Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

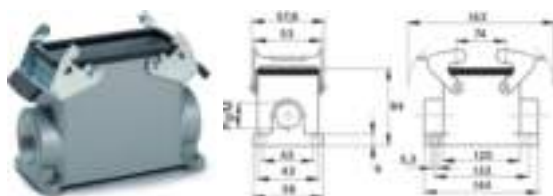
EPIC® H-B 24 SGR



EPIC® H-B 24 SGRL



EPIC® H-B 24 SGRH



■ Benefits

- Ideal for many applications due to a wide range of housings and inserts

■ Application range

- Plant engineering
- Light & sound technology
- Plastics industry

■ Product features

EPIC® H-B 24 SGR

- Surface-mount base, low version
- Dual levers
- 1 cable entry

EPIC® H-B 24 SGRL

- Surface-mount base, low version
- Dual levers
- 2 cable entries

EPIC® H-B 24 SGRH

- Surface-mount base, high version
- Dual levers
- 1 cable entry

■ Suitable inserts

- Refer to Selection Table A10 to select the required inserts and housings

■ Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Pieces / PU
H-B housing: surface-mount base (1 cable entry, double lever)				
10104000	H-B 24 SGR 21		21	5
19104000	H-B 24 SGR M25	25		5
H-B housing: surface-mount base (2 cable entries, double lever)				
10105000	H-B 24 SGRL 21		21	5
19105000	H-B 24 SGRL M25	25		5
H-B housing: surface-mount base (1 cable entry, double lever, high version)				
70135200	H-B 24 SGRH 21		21	5
70135400	H-B 24 SGRH 29		29	5
79135200	H-B 24 SGRH M25	25		5
79135400	H-B 24 SGRH M32	32		5

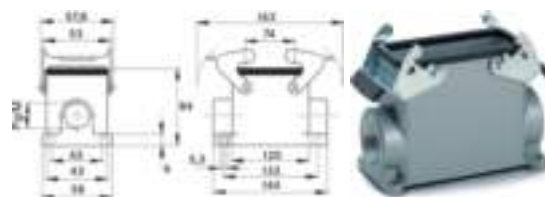
Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories

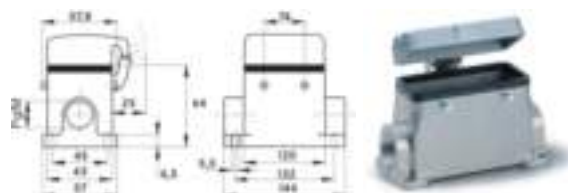
- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717



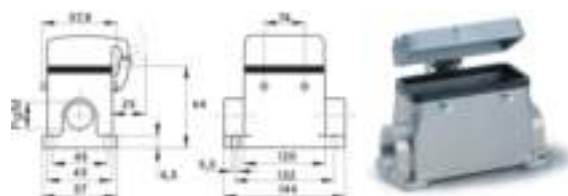
EPIC® H-B 24 SGRLH



EPIC® H-B 24 SDR-BO



EPIC® H-B 24 SDRL-BO



■ Benefits

- Ideal for many applications due to a wide range of housings and inserts

■ Application range

- Plant engineering
- Light & sound technology
- Plastics industry

■ Product features

EPIC® H-B 24 SGRLH

- Surface-mount base, high version
- Dual levers
- 2 cable entries

EPIC® H-B 24 SDR-BO

- Surface-mount base, low version
- Bolts for double lever
- 1 cable entry
- Metal cover

EPIC® H-B 24 SDRL-BO

- Surface-mount base, low version
- Bolts for double lever
- 2 cable entries
- Metal cover

■ Suitable inserts

- Refer to Selection Table A10 to select the required inserts and housings

■ Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

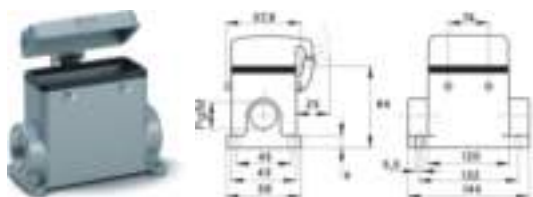
Article number	Article	M	PG	Pieces / PU
H-B housing: surface-mount base (2 cable entries, double lever, high version)				
70136200	H-B 24 SGRLH 21		21	5
70136400	H-B 24 SGRLH 29		29	5
79136200	H-B 24 SGRLH M25	25		5
79136400	H-B 24 SGRLH M32	32		5
H-B housing: surface-mount base (cover, 1 cable entry, bolts for double lever)				
10107000	H-B 24 SDR-BO 21		21	5
19107000	H-B 24 SDR-BO M25	25		5
H-B housing: surface-mount base (cover, 2 cable entries, bolts for double lever)				
10109000	H-B 24 SDRL-BO 21		21	5
19109000	H-B 24 SDRL-BO M25	25		5

Photographs are not to scale and do not represent detailed images of the respective products.

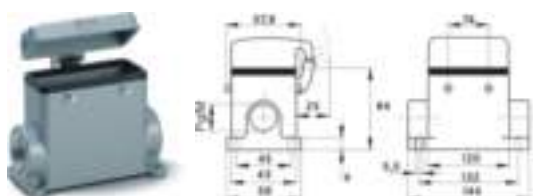
■ Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

EPIC® H-B 24 SDRH-BO



EPIC® H-B 24 SDRLH-BO



■ Benefits

- Ideal for many applications due to a wide range of housings and inserts

■ Application range

- Plant engineering
- Light & sound technology
- Plastics industry

■ Product features

EPIC® H-B 24 SDRH-BO

- Surface-mount base, high version
- Bolts for double lever
- 1 cable entry
- Metal cover

EPIC® H-B 24 SDRLH-BO

- Surface-mount base, high version
- Bolts for double lever
- 2 cable entries
- Metal cover

■ Suitable inserts

- Refer to Selection Table A10 to select the required inserts and housings

■ Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Pieces / PU
H-B housing: surface-mount base (cover, 1 cable entry, bolts for double lever, high version)				
70145200	H-B 24 SDRH-BO 21		21	5
70145400	H-B 24 SDRH-BO 29		29	5
79145400	H-B 24 SDRH-BO M32	32		5
H-B housing: surface-mount base (cover, 2 cable entries, bolts for double lever, high version)				
70146200	H-B 24 SDRLH-BO 21		21	5
70146400	H-B 24 SDRLH-BO 29		29	5
79146400	H-B 24 SDRLH-BO M32	32		5

Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717



EPIC® H-B 24 TBF-LB



EPIC® H-B 24 TBFH-LB



EPIC® H-B 24 TBF



■ Benefits

- Ideal for many applications due to a wide range of housings and inserts

■ Application range

- Plant engineering
- Light & sound technology
- Plastics industry

■ Product features

EPIC® H-B 24 TBF-LB

- Cable coupler hood, low version
- Single lever
- Straight cable entry
- Versions with / without neck

EPIC® H-B 24 TBFH-LB

- Cable coupler hood, high version
- Single lever
- Straight cable entry
- Versions with / without neck

EPIC® H-B 24 TBF

- Cable coupler hood, low version
- Dual levers
- Straight cable entry
- Versions with / without neck

■ Suitable inserts

- Refer to Selection Table A10 to select the required inserts and housings

■ Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Neck	Pieces / PU
H-B housing: cable coupler hood (1 straight cable entry, single lever)					
10127900	H-B 24 TBF-LB 21		21	yes	5
10117900	H-B 24 TBF-LB 29		29	yes	5
19127900	H-B 24 TBF-LB M25	25			5
19117900	H-B 24 TBF-LB M32	32			5
H-B housing: cable coupler hood (1 straight cable entry, single lever, high version)					
70142400	H-B 24 TBFH-LB 21		21	yes	5
79142400	H-B 24 TBFH-LB M25	25			5
79142600	H-B 24 TBFH-LB M32	32			5
H-B housing: cable coupler hood (straight cable entry, double lever)					
10127000	H-B 24 TBF 21		21	yes	5
10117000	H-B 24 TBF 29		29	yes	5
19127000	H-B 24 TBF M25	25			5
19117000	H-B 24 TBF M32	32			5

Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

EPIC® H-B 24 TBFH



Benefits

- Ideal for many applications due to a wide range of housings and inserts

Application range

- Plant engineering
- Light & sound technology
- Plastics industry

Product features

- Cable coupler hood, high version
- Dual levers
- Straight cable entry
- Versions with / without neck

Suitable inserts

- Refer to Selection Table A 10 to select the required inserts and housings

Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

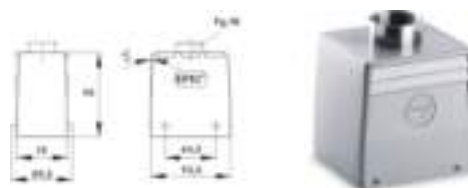
-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Neck	Pieces / PU
H-B housing: cable coupler hood (straight cable entry, double lever, high version)					
70140400	H-B 24 TBFH 21		21	yes	5
70140600	H-B 24 TBFH 29		29	yes	5
79140400	H-B 24 TBFH M25	25			5
79140600	H-B 24 TBFH M32	32			5

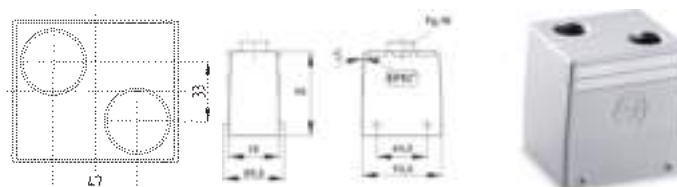
Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

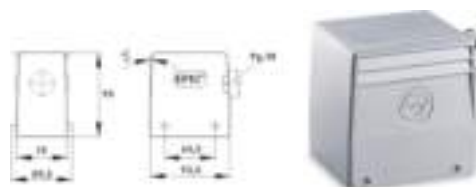
- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717



EPIC® H-B 32 TG



EPIC® H-B 32 TG 2X



EPIC® H-B 32 TS

Benefits

- Two inserts in one housing. With two levers for high safety

Application range

- Plant engineering
- Control engineering
- Plastics industry

Product features

EPIC® H-B 32 TG

- Hood
- Bolts for double lever
- Straight cable entry
- Versions with / without neck

EPIC® H-B 32 TG 2X

- Hood
- Bolts for double lever
- 2 straight cable entries
- Versions without neck

EPIC® H-B 32 TS

- Hood
- Bolts for double lever
- Side cable entry
- Versions with / without neck

Suitable inserts

- The H-B 32 housings can also be assembled with 2 different inserts of size H-B 16
- Refer to Selection Table A 10 to select the required inserts and housings

Technical data



Material
Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating
IP 65 (latched)



Temperature range
-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Neck	Pieces / PU
H-B housing: hood (straight cable entry, bolts for double lever)					
10133000	H-B 32 TG 21		21	yes	5
10134000	H-B 32 TG 29		29	yes	5
19134000	H-B 32 TG M32	32			5
19134400	H-B 32 TG M40	40			5
H-B housing: hood (2 straight cable entries, bolts for double lever)					
44422022	H-B 32 TG 2XM25	2 x 25			5
44422023	H-B 32 TG 2XM32	2 x 32			5
H-B housing: hood (side cable entry, bolts for double lever)					
10135000	H-B 32 TS 21		21	yes	5
10136000	H-B 32 TS 29		29	yes	5
10135600	H-B 32 TS 29		29		5
19135000	H-B 32 TS M25	25			5
19136000	H-B 32 TS M32	32			5
19136200	H-B 32 TS M40	40			5

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

EPIC® H-B 32 AG



EPIC® H-B 32 SGR



EPIC® H-B 32 SGRL



Benefits

- Two inserts in one housing. With two levers for high safety

Application range

- Plant engineering
- Control engineering
- Plastics industry

Product features

EPIC® H-B 32 AG

- Panel-mount base
- Dual levers
- Included: flat gasket

EPIC® H-B 32 SGR

- Surface-mount base
- Dual levers
- 1 cable entry

EPIC® H-B 32 SGRL

- Surface-mount base
- Dual levers
- 2 cable entries

Suitable inserts

- The H-B 32 housings can also be assembled with 2 different inserts of size H-B 16
- Refer to Selection Table A10 to select the required inserts and housings

Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Pieces / PU
H-B housing: panel-mount base (double lever)				
10132000	H-B 32 AG			5
H-B housing: surface-mount base (1 cable entry, double lever)				
10137000	H-B 32 SGR 29		29	5
19137000	H-B 32 SGR M32	32		5
19146400	H-B 32 SGR M40	40		5
H-B housing: surface-mount base (2 cable entries, double lever)				
10138000	H-B 32 SGRL 29		29	5
19138000	H-B 32 SGRL M32	32		5
19145400	H-B 32 SGRL M40	40		5

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

EPIC® H-B 32 SGR

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

EPIC® H-B 32 SGRL

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717



EPIC® H-B 32 TBFH



■ Benefits

- Two inserts in one housing. With two levers for high safety

■ Application range

- Plant engineering
- Control engineering
- Plastics industry

■ Product features

- Cable coupler hood, high version
- Dual levers
- Straight cable entry
- Versions with / without neck

■ Suitable inserts

- The H-B 32 housings can also be assembled with 2 different inserts of size H-B 16
- Refer to Selection Table A 10 to select the required inserts and housings

■ Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Neck	Pieces / PU
H-B housing: cable coupler hood (straight cable entry, double lever, high version)					
10139500	H-B 32 TBFH 29		29	yes	5
19139500	H-B 32 TBFH M32	32			5

Photographs are not to scale and do not represent detailed images of the respective products.

■ Accessories

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

EPIC® H-B 48 TG



EPIC® H-B 48 TS



Benefits

- The large, robust housing for two inserts in one connector. Power and data in a single connector

Application range

- Plant engineering
- Plastics industry

Product features

EPIC® H-B 48 TG

- Hood
- Bolts for single lever
- Straight cable entry
- Versions with / without neck

EPIC® H-B 48 TS

- Hood
- Bolts for single lever
- Side cable entry
- Versions with / without neck

Suitable inserts

- The H-B 48 housings can also be assembled with 2 different inserts of size H-B 24
- Refer to Selection Table A10 to select the required inserts and housings

Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Neck	Pieces / PU
H-B housing: hood (straight cable entry, bolts for single lever)					
10155000	H-B 48 TG 29		29	yes	1
10156000	H-B 48 TG 36		36	yes	1
10156200	H-B 48 TG 36		36		1
10157000	H-B 48 TG 42		42	yes	1
19155000	H-B 48 TG M32	32			1
19156000	H-B 48 TG M40	40			1
19157000	H-B 48 TG M50	50			1
H-B housing: hood (side cable entry, bolts for single lever)					
10158000	H-B 48 TS 29		29	yes	1
10159000	H-B 48 TS 36		36	yes	1
10159200	H-B 48 TS 36		36		1
10160000	H-B 48 TS 42		42	yes	1
19158000	H-B 48 TS M32	32			1
19159000	H-B 48 TS M40	40			1
19160000	H-B 48 TS M50	50			1

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

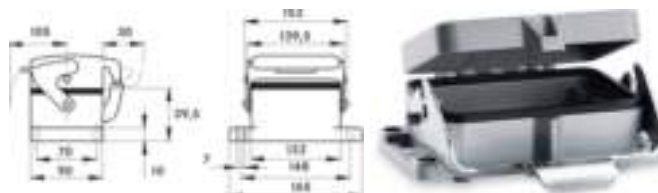
- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717



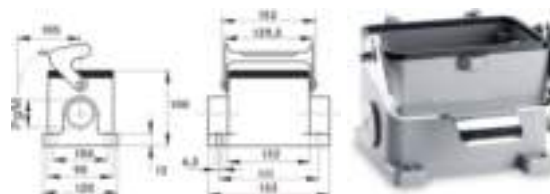
EPIC® H-B 48 AG-LB



EPIC® H-B 48 AD-LB



EPIC® H-B 48 SGR-LB



Benefits

- The large, robust housing for two inserts in one connector. Power and data in a single connector

Application range

- Plant engineering
- Plastics industry

Product features

EPIC® H-B 48 AG-LB

- Panel-mount base
- Single lever
- Included: flat gasket

EPIC® H-B 48 AD-LB

- Panel-mount base
- Single lever
- Plastic cover
- Included: flat gasket

EPIC® H-B 48 SGR-LB

- Surface-mount base
- Single lever
- 1 cable entry

Suitable inserts

- The H-B 48 housings can also be assembled with 2 different inserts of size H-B 24
- Refer to Selection Table A 10 to select the required inserts and housings

Technical data



Material

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating

IP 65 (latched)



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	M	PG	Pieces / PU
H-B housing: panel-mount base (single lever)				
10161000	H-B 48 AG-LB			1
H-B housing: panel-mount base (cover, single lever)				
10152000	H-B 48 AD-LB			1
H-B housing: surface-mount base (1 cable entry, single lever)				
10165000	H-B 48 SGR 29		29	1
10165100	H-B 48 SGR 36		36	1
19165000	H-B 48 SGR M32	32		1
19165100	H-B 48 SGR M40	40		1

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

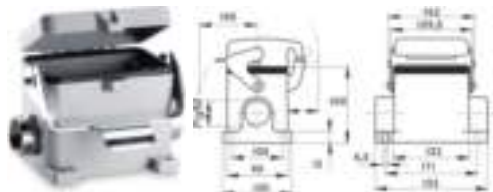
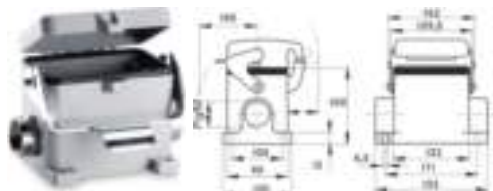
EPIC® H-B 48 SGR-LB

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

RoHS ✓



RoHS ✓



■ Technical data

-

Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR

IF

- Protection rating**
IP 65 (latched)

Temperature range
-40 °C to +100 °C, short-term up to +125 °C

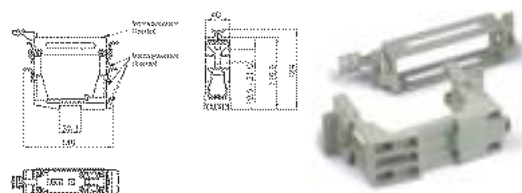
- ### ■ Suitable inserts

Article number	Article	M	PG	Pieces / PU
H-B housing: surface-mount base (2 cable entries, single lever)				
10166000	H-B 48 SGRL 29		29	1
10166100	H-B 48 SGRL 36		36	1
19166000	H-B 48 SGRL M32	32		1
19166100	H-B 48 SGRL M40	40		1
H-B housing: surface-mount base (cover, 1 cable entry, single lever)				
10167000	H-B 48 SDR 29		29	1
10167100	H-B 48 SDR 36		36	1
19167000	H-B 48 SDR M32	32		1
19167100	H-B 48 SDR M40	40		1
H-B housing: surface-mount base (cover, 2 cable entries, single lever)				
10168000	H-B 48 SDRL 29		29	1
10168100	H-B 48 SDRL 36		36	1
19168000	H-B 48 SDRL M32	32		1
19168100	H-B 48 SDRL M40	40		1

Photographs are not to scale and do not represent detailed images of the respective products.

- SKINTOP® MS-M refer to page 662
- SKINTOP® for industrial connector refer to page 665
- SKINTOP® MS refer to page 717

EPIC® QUICK & EASY Mounting system



Application range

- Accessories for an effective use of EPIC® rectangular connectors

Product features

- For mounting inserts on top-hat rails according to DIN EN 50022
- Available as a complete set or as single parts (top part for use as a cable connector, bottom part for mounting on a top-hat rail)

- QUICK & EASY top parts are available in housing types H-B 6, H-B 10, H-B 16, H-B 24. The suitable size (number of contacts) of the different insert types are listed at the connector housings (H-B 6 ..H-B 24)

Article number	Article	Material	Version	Cycle of mechanical operation	Pieces / PU
QUICK & EASY complete set					
10027000	EPIC® H-B 6 Q+E Set	Polycarbonate	Complete, for inserts size H-B 6	max. 50	1
10027100	EPIC® H-B 10 Q+E Set	Polycarbonate	Complete, for inserts size H-B 10	max. 50	1
10027200	EPIC® H-B 16 Q+E Set	Polycarbonate	Complete, for inserts size H-B 16	max. 50	1
10027300	EPIC® H-B 24 Q+E Set	Polycarbonate	Complete, for inserts size H-B 24	max. 50	1
QUICK & EASY top part					
10027410	EPIC® H-B 6 Q+E top part	Polycarbonate	For inserts size H-B 6	max. 50	10
10027510	EPIC® H-B 10 Q+E top part	Polycarbonate	For inserts size H-B 10	max. 50	10
10027610	EPIC® H-B 16 Q+E top part	Polycarbonate	For inserts size H-B 16	max. 50	10
10027710	EPIC® H-B 24 Q+E top part	Polycarbonate	For inserts size H-B 24	max. 50	10
QUICK & EASY bottom part					
10027810	EPIC® H-B 6-24 Q+E bottom part	Polycarbonate	For inserts size H-B 6 - 24	max. 50	10

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® QUICK & EASY Accessories



Application range

- Accessories for an effective use of EPIC® rectangular connectors
- This tool is used to lift built-in inserts out of the Q+E frames

Article number	Article	Version	Pieces / PU
QUICK & EASY removal tool			
10028100	QUICK & EASY removal tool		1
QUICK & EASY coding set			
10028000	EPIC® Q+E Coding set	Key pin + coding plug	50

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® Flat gaskets for housings H-A und H-B



EPIC® Fixing screws



Application range

- Accessories for an effective use of EPIC® rectangular connectors

Product features

- EPIC® Flat gaskets for housings H-A und H-B**
 - Flat gaskets as spare parts for panel-mount base

EPIC® Fixing screws

- Spare parts for fastening inserts in H-A 3 housings

Article number	Article	Pieces / PU
Flat gasket for panel-mount base H-A		
10607100	Flat gasket for panel-mount base H-A 3	10
10607200	Flat gasket for panel-mount base H-A 10	10
10607300	Flat gasket for panel-mount base H-A 16	10
10607600	Flat gasket for panel-mount base H-A 32	10
Flat gasket for panel-mount base H-B		
10051000	Flat gasket for panel-mount base H-B 6	10
10051200	Flat gasket for panel-mount base H-B 10	10
10051400	Flat gasket for panel-mount base H-B 16	10
10051600	Flat gasket for panel-mount base H-B 24	10
10052000	Flat gasket for panel-mount base H-B 32/H-A 48	10
10052200	Flat gasket for panel-mount base H-B 48	10
Fastening screws		
44423017	Screw with O-ring for EPIC H-A 3/4, H-D7/8, H-Q 5	10
44423018	EPIC® STA Screw	10

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® Coding parts



Application range

- Accessories for an effective use of EPIC® rectangular connectors

Product features

- For rectangular connector inserts, the key pin replaces one or more fastening screws. This enables simple coding.

- With these inserts, the H-A 3/H-A 4 Codepin is pressed into a socket contact. The corresponding pin contact is removed, meaning one electrical contact will be lost.

Article number	Article	Pieces / PU
H-A 3/4 Codepin		
10451400	EPIC® H-A 3/4 Codepin (50)	50
Key pin		
10019000	EPIC® Key pin (50)	50
Guide pin, guide socket		
11281000	EPIC® Guide socket (50)	50
11280000	EPIC® Guide pin (50)	50

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® Protective cover H-A 3



EPIC® Protective cover H-A



EPIC® Protective cover H-B



Product features

EPIC® Protective cover H-A 3

- Protective cover made of thermoplastics and metal for H-A 3 housings

EPIC® Protective cover H-A

- Protective cover made of thermoplastics for H-A 10, H-A 16, H-A 32, H-A 48 housings

EPIC® Protective cover H-B

- Protective cover made of thermoplastics for H-B 6, H-B 10, H-B 16, H-B 24, H-B 32 housings

Article number	Article	Version	Bolts	Securing cord	Clamp	Material	Pieces / PU
For H-A 3 panel-mount base, surface-mount base, cable coupler hood with male or female inserts							
10513000	H-A 3 MDBF-S	for housing H-A 3 with male inserts	2	with cable lug		Metal	10
10513100	H-A 3 MDBF-B	for housing H-A 3 with female inserts	2	with cable lug		Metal	10
For H-A 3 panel-mount base, surface-mount base, cable coupler hood with male inserts							
10430000	H-A 3 KDB-S	for housing H-A 3 with male inserts	2			Plastic	10
10430400	H-A 3 KDBF-S	for housing H-A 3 with male inserts	2	with cable lug		Plastic	10
For H-A 3 panel-mount base, surface-mount base, cable coupler hood with female inserts							
10430300	H-A 3 KDB-B	for housing H-A 3 with female inserts	2			Plastic	10
10430100	H-A 3 KDBF-B	for housing H-A 3 with female inserts	2	with cable lug		Plastic	10
with bolts for H-A 10-32 panel-mount base, surface-mount base, cable coupler hood							
10457700	H-A 10 KDB	for housing H-A 10	2			Plastic	5
10469700	H-A 16 KDB	for housing H-A 16	2			Plastic	5
10481700	H-A 32 KDB	for housing H-A 32	4			Plastic	5
10457500	H-A 10 KDBF	for housing H-A 10	2	with cable lug		Plastic	5
10469500	H-A 16 KDBF	for housing H-A 16	2	with cable lug		Plastic	5
10481500	H-A 32 KDBF	for housing H-A 32	4	with cable lug		Plastic	10
with lever for H-A 10-32 hoods							
10457800	H-A 10 KDT	for H-A 10 hood			2 snap-in hooks	Plastic	5
10469800	H-A 16 KDT	for H-A 16 hood			2 snap-in hooks	Plastic	5
10481800	H-A 32 KDT	for H-A 32 hood			4 snap-in hooks	Plastic	5
10457600	H-A 10 KDTF	for H-A 10 hood		with loop	2 snap-in hooks	Plastic	5
10469600	H-A 16 KDTF	for H-A 16 hood		with loop	2 snap-in hooks	Plastic	5
10481600	H-A 32 KDT	for H-A 32 hood		with loop	4 snap-in hooks	Plastic	10
with bolts for H-B 6-24 panel-mount base, surface-mount base, cable coupler hood							
10015000	H-B 6 KDB	for housing H-B 6	2	with cable lug		Plastic	10
10047000	H-B 10 KDB	for housing H-B 10	4	with cable lug		Plastic	10
10087000	H-B 16 KDB	for housing H-B 16	4	with cable lug		Plastic	5
10118000	H-B 24 KDB	for housing H-B 24	4	with cable lug		Plastic	5
with lever for H-B 6-24 hood with bolts							
10016500	H-B 6 KDT	for H-B 6 hood		with loop	2 snap-in hooks	Plastic	10
10048500	H-B 10 KDT	for H-B 10 hood		with loop	4 snap-in hooks	Plastic	10
10088500	H-B 16 KDT	for H-B 16 hood		with loop	4 snap-in hooks	Plastic	5
10119500	H-B 24 KDT	for H-B 24 hood		with loop	4 snap-in hooks	Plastic	5
with bolts for H-B 6-24 hoods with levers							
10015100	H-B 6 KDBP	for H-B 6 hood	2	with loop		Plastic	10
10047100	H-B 10 KDBP	for H-B 10 hood	4	with loop		Plastic	10
10087100	H-B 16 KDBP	for H-B 16 hood	4	with loop		Plastic	10
10118100	H-B 24 KDBP	for H-B 24 hood	4	with loop		Plastic	5
with bolts for H-B 10-32 panel-mount base, surface-mount base, cable coupler hood							
10048700	H-B 10 KDBF	for housing H-B 10	2	with loop		Plastic	10
10088700	H-B 16 KDBF	for housing H-B 16	2	with loop		Plastic	10
10118700	H-B 24 KDBF	for housing H-B 24	2	with loop		Plastic	10
10118020	H-B 32 / H-A 48 KDBF	for housing H-B 32/H-A 48	4	with loop		Plastic	10
with lever for H-B 10-24 hood with bolts							
10048600	H-B 10 KDTF	for H-B 10 hood		with loop	2 snap-in hooks	Plastic	10
10088600	H-B 16 KDTF	for H-B 16 hood		with loop	2 snap-in hooks	Plastic	10
10118600	H-B 24 KDTF	for H-B 24 hood		with loop	2 snap-in hooks	Plastic	10

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® Cover plates



EPIC® Adapter plates for 1 D-Sub insert



EPIC® Adapter plates for 2 D-Sub inserts



EPIC® Locking levers



■ Product features

EPIC® Cover plates

- For coverage of panel cut-outs for panel-mount base housings type H-B

EPIC® Adapter plates for 1 D-Sub insert

- For use of D-Sub inserts in H-B housings

EPIC® Adapter plates for 2 D-Sub inserts

- For use of D-Sub inserts in H-B housings

EPIC® Locking levers

- Locking levers as spare parts for H-A and H-B housings

Article number	Article	Version	Material	Pieces / PU
Cover plates for mounting cut-out H-B				
10018920	H-B 6	for H-B 6 panel-mount base housing		10
10018921	H-B 10	for H-B 10 panel-mount base housing		10
10018922	H-B 16	for H-B 16 panel-mount base housing		10
10018923	H-B 24	for H-B 24 panel-mount base housing		10
Adapter plates for 1 D-Sub insert				
11764200	H-B 6 / M-D 9	for 1 x D-Sub 9-pin		10
11764202	H-B 6 / M-D 15	for 1 x D-Sub 15-pin		10
11764300	H-B 10 / M-D 25	for 1 x D-Sub 25-pin		10
11764400	H-B 16 / M-D 25	for 1 x D-Sub 25-pin		10
Adapter plates for 2 D-Sub inserts				
11764201	H-B 6 / 2xM-D 9	for 2 x D-Sub 9-pin		10
11764203	H-B 6 / 2xM-D 15	for 2 x D-Sub 15-pin		10
11764301	H-B 10 / 2xM-D 25	for 2 x D-Sub 25-pin		10
Single and double levers for H-A and H-B housings				
10458000	H-A 10 LB	single lever for H-A 10 housing	Steel	10
10468000	EPIC H-A 16 LB/H-B 32 QB	single lever for H-A 16 housing	Steel	10
10049000	H-B 10-24 QB	double lever for H-B 10 - 24 housing	Steel	10
10017000	H-B 6 LB	single lever for H-B 6 housing	Steel	10
10017100	H-B 6 LB-K	single lever for H-B 6 housing	Stainless steel	10
10049100	H-B 10-24 QB-K	double lever for H-B 10 - 24 housing	Stainless steel	10

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EPIC® H-A 3 Kits Thermoplastic

■ EPIC KIT H-A 3 SS TG M20



- EPIC® H-A 3 screw-termination male insert
- EPIC® H-A 3 hood
- Housing: thermoplastic grey

Article number	Pieces / PU
75009601	1

■ Article numbers for single components

- H-A 3 SS 10420000 (Page 450)
- H-A 3 Tgv M20 19426000 (Page 497)



■ EPIC KIT H-A 3 SS TS M20



- EPIC® H-A 3 screw-termination male insert
- EPIC® H-A 3 hood
- Side cable entry
- Housing: thermoplastic grey

Article number	Pieces / PU
75009603	1

■ Article numbers for single components

- H-A 3 SS 10420000 (Page 450)
- H-A 3 Ts M20 19427000 (Page 498)



■ EPIC KIT H-A 3 BS AG



- EPIC® H-A 3 screw termination female insert
- EPIC® H-A 3 panel-mount base
- Straight version
- Housing: thermoplastic grey

Article number	Pieces / PU
75009605	1

■ Article numbers for single components

- H-A 3 BS 10421000 (Page 450)
- H-A 3 Ag 10422000 (Page 499)



■ EPIC KIT H-A 3 BS AGS



- EPIC® H-A 3 screw termination female insert
- EPIC® H-A 3 panel-mount base
- Angled version
- Housing: thermoplastic grey

Article number	Pieces / PU
75009607	1

■ Article numbers for single components

- H-A 3 BS 10421000 (Page 450)
- H-A 3 Ags 10423000 (Page 499)



■ EPIC KIT H-A 3 BS AGS M20



- EPIC® H-A 3 screw termination female insert
- EPIC® H-A 3 panel-mount base
- Angled version
- Housing: thermoplastic grey

Article number	Pieces / PU
75009609	1

■ Article numbers for single components

- H-A 3 BS 10421000 (Page 450)
- H-A 3 Agsv M20 19421900 (Page 500)



■ EPIC KIT H-A 3 BS TGB M20



- EPIC® H-A 3 screw termination female insert
- EPIC® H-A 3 cable coupler hood
- Housing: thermoplastic grey

Article number	Pieces / PU
75009611	1

■ Article numbers for single components

- H-A 3 BS 10421000 (Page 450)
- H-A 3 Tgvb M20 19429000 (Page 501)



Info

- Complete connectors - easy to order

■ Benefits

- Pre-packed kits with compatible components
- Uncomplicated ordering
- No misplaced orders

■ Similar products

- EPIC® H-A 3 Kits Metal refer to page 584

■ Technical data

Rated voltage (V)

IEC: 400 V
UL: 600 V
CSA: 600 V

Rated current (A)

IEC: 23 A
UL: 10 A
CSA: 10 A

Number of contacts
3 + PE

EPIC® H-A 3 Kits Metal



Article number	Pieces / PU
75009602	1

■ Article numbers for single components

- H-A 3 SS 10420000 (Page 450)
- H-A 3 MTgv M20 19512100 (Page 497)

■ EPIC KIT H-A 3 SS MTG M20



- EPIC® H-A 3 screw-termination male insert
- EPIC® H-A 3 hood
- Housing: zinc die-casting, grey



Article number	Pieces / PU
75009604	1

■ Article numbers for single components

- H-A 3 SS 10420000 (Page 450)
- H-A 3 Ts M20 19512300 (Page 498)

■ EPIC KIT H-A 3 SS MTS M20



- EPIC® H-A 3 screw-termination male insert
- EPIC® H-A 3 hood
- Side cable entry
- Housing: zinc die-casting, grey



Article number	Pieces / PU
75009606	1

■ Article numbers for single components

- H-A 3 BS 10421000 (Page 450)
- H-A 3 Mag 10422500 (Page 499)

■ EPIC KIT H-A 3 BS MAG



- EPIC® H-A 3 screw termination female insert
- EPIC® H-A 3 panel-mount base
- Straight version
- Housing: zinc die-casting, grey



Article number	Pieces / PU
75009608	1

■ Article numbers for single components

- H-A 3 BS 10421000 (Page 450)
- H-A 3 Mags 10423500 (Page 499)

■ EPIC KIT H-A 3 BS MAGS



- EPIC® H-A 3 screw termination female insert
- EPIC® H-A 3 panel-mount base
- Angled version
- Housing: zinc die-casting, grey



Article number	Pieces / PU
75009610	1

■ Article numbers for single components

- H-A 3 BS 10421000 (Page 450)
- H-A 3 MAgsv M20 19512700 (Page 500)

■ EPIC KIT H-A 3 BS MAGS M20



- EPIC® H-A 3 screw termination female insert
- EPIC® H-A 3 panel-mount base
- Angled version
- Housing: zinc die-casting, grey



Article number	Pieces / PU
75009612	1

■ Article numbers for single components

- H-A 3 BS 10421000 (Page 450)
- H-A 3 MTgvb M20 19512900 (Page 501)

■ EPIC KIT H-A 3 BS MTGB M20



- EPIC® H-A 3 screw termination female insert
- EPIC® H-A 3 cable coupler hood
- Housing: zinc die-casting, grey



Info

- Complete connectors - easy to order

■ Benefits

- Pre-packed kits with compatible components
- Uncomplicated ordering
- No misplaced orders

■ Similar products

- EPIC® H-A 3 Kits Thermoplastic refer to page 583

■ Technical data

Rated voltage (V)

IEC: 400 V
UL: 600 V
CSA: 600 V

Rated current (A)

IEC: 23 A
UL: 10 A
CSA: 10 A

Number of contacts
3 + PE

EPIC® H-A 4 Kits Thermoplastic

■ EPIC KIT H-A 4 SS TG M20



- EPIC® H-A 4 screw-termination male insert
- EPIC® H-A 3 hood
- Straight cable entry
- Housing: thermoplastic grey

Article number	Pieces / PU
75009613	1

■ Article numbers for single components

- H-A 4 SS 10431000 (Page 450)
- H-A 3 Tgv M20 19426000 (Page 497)



■ EPIC KIT H-A 4 SS TS M20



- EPIC® H-A 4 screw-termination male insert
- EPIC® H-A 3 hood
- Side cable entry
- Housing: thermoplastic grey

Article number	Pieces / PU
75009615	1

■ Article numbers for single components

- H-A 4 SS 10431000 (Page 450)
- H-A 3 Ts M20 19427000 (Page 498)



■ EPIC KIT H-A 4 BS AG



- EPIC® H-A 4 screw termination female insert
- EPIC® H-A 3 panel-mount base
- Straight version
- Housing: thermoplastic grey

Article number	Pieces / PU
75009617	1

■ Article numbers for single components

- H-A 4 BS 10432000 (Page 450)
- H-A 3 Ag 10422000 (Page 499)



■ EPIC KIT H-A 4 BS AGS



- EPIC® H-A 4 screw termination female insert
- EPIC® H-A 3 panel-mount base
- Angled version
- Housing: thermoplastic grey

Article number	Pieces / PU
75009619	1

■ Article numbers for single components

- H-A 4 BS 10432000 (Page 450)
- H-A 3 Ags 10423000 (Page 499)



■ EPIC KIT H-A 4 BS AGS M20



- EPIC® H-A 4 screw termination female insert
- EPIC® H-A 3 panel-mount base
- Angled version
- Housing: thermoplastic grey

Article number	Pieces / PU
75009621	1

■ Article numbers for single components

- H-A 4 BS 10432000 (Page 450)
- H-A 3 Agsv M20 19421900 (Page 500)



■ EPIC KIT H-A 4 BS TGB M20



- EPIC® H-A 4 screw termination female insert
- EPIC® H-A 3 cable coupler hood
- Straight cable entry
- Housing: thermoplastic grey

Article number	Pieces / PU
75009623	1

■ Article numbers for single components

- H-A 4 BS 10432000 (Page 450)
- H-A 3 Tgvb M20 19429000 (Page 501)



Info

- Complete connectors - easy to order

■ Benefits

- Pre-packed kits with compatible components
- Uncomplicated ordering
- No misplaced orders

■ Similar products

- EPIC® H-A 4 Kits Metal refer to page 586

■ Technical data

Rated voltage (V)

IEC: 400 V
UL: 600 V
CSA: 600 V

Rated current (A)

IEC: 23 A
UL: 10 A
CSA: 10 A

Number of contacts
4 + PE

EPIC® H-A 4 Kits Metal



Article number	Pieces / PU
75009614	1

Article numbers for single components

- H-A 4 SS 10431000 (Page 450)
- H-A 3 MTgv M20 19512100 (Page 497)



Article number	Pieces / PU
75009616	1

Article numbers for single components

- H-A 4 SS 10431000 (Page 450)
- H-A 3 Ts M20 19512300 (Page 498)



Article number	Pieces / PU
75009618	1

Article numbers for single components

- H-A 4 BS 10432000 (Page 450)
- H-A 3 Mag 10422500 (Page 499)



Article number	Pieces / PU
75009620	1

Article numbers for single components

- H-A 4 BS 10432000 (Page 450)
- H-A 3 Mags 10423500 (Page 499)



Article number	Pieces / PU
75009622	1

Article numbers for single components

- H-A 4 BS 10432000 (Page 450)
- H-A 3 MAGsv M20 19512700 (Page 500)



Article number	Pieces / PU
75009624	1

Article numbers for single components

- H-A 4 BS 10432000 (Page 450)
- H-A 3 MTgvb M20 19512900 (Page 501)

EPIC KIT H-A 4 SS MTG M20



- EPIC® H-A 4 screw-termination male insert
- EPIC® H-A 3 hood
- Straight cable entry
- Housing: zinc die-casting, grey

EPIC KIT H-A 4 SS MTS M20



- EPIC® H-A 4 screw-termination male insert
- EPIC® H-A 3 hood
- Side cable entry
- Housing: zinc die-casting, grey

EPIC KIT H-A 4 BS MAG



- EPIC® H-A 4 screw termination female insert
- EPIC® H-A 3 panel-mount base
- Straight version
- Housing: zinc die-casting, grey

EPIC KIT H-A 4 BS MAGS



- EPIC® H-A 4 screw termination female insert
- EPIC® H-A 3 panel-mount base
- Angled version
- Housing: zinc die-casting, grey

EPIC KIT H-A 4 BS MAGS M20



- EPIC® H-A 4 screw termination female insert
- EPIC® H-A 3 panel-mount base
- Angled version
- Housing: zinc die-casting, grey

EPIC KIT H-A 4 BS TGB M20



- EPIC® H-A 4 screw termination female insert
- EPIC® H-A 3 cable coupler hood
- Straight cable entry
- Housing: zinc die-casting, grey



Info

- Complete connectors - easy to order

Benefits

- Pre-packed kits with compatible components
- Uncomplicated ordering
- No misplaced orders

Similar products

- EPIC® H-A 4 Kits Thermoplastic refer to page 585

Technical data

Rated voltage (V)

IEC: 400 V
UL: 600 V
CSA: 600 V

Rated current (A)

IEC: 23 A
UL: 10 A
CSA: 10 A

Number of contacts

4 + PE

EPIC® H-A 10 Kits

■ EPIC KIT H-A 10 SS TG M20



- EPIC® H-A 10 screw-termination male insert
- With wire protection
- EPIC® H-A 10 hood

Article number	Pieces / PU
75009625	1

■ Article numbers for single components

- H-A 10 SS 10440100 (Page 451)
- H-A 10 TG M20 19446000 (Page 502)



■ EPIC KIT H-A 10 SS TS M20



- EPIC® H-A 10 screw-termination male insert
- With wire protection
- EPIC® H-A 10 hood

Article number	Pieces / PU
75009626	1

■ Article numbers for single components

- H-A 10 SS 10440100 (Page 451)
- H-A 10 TS M20 19445000 (Page 503)



■ EPIC KIT H-A 10 BS AG



- EPIC® H-A 10 screw termination female insert
- With wire protection
- EPIC® H-A 10 panel-mount base

Article number	Pieces / PU
75009627	1

■ Article numbers for single components

- H-A 10 BS 10441100 (Page 451)
- H-A 10 AG-LB 10442000 (Page 504)



■ EPIC KIT H-A 10 BS SGR-LB M20



- EPIC® H-A 10 screw termination female insert
- With wire protection
- EPIC® H-A 10 surface-mount base

Article number	Pieces / PU
75009628	1

■ Article numbers for single components

- H-A 10 BS 10441100 (Page 451)
- H-A 10 SGR-LB M20 19448100 (Page 505)



■ EPIC KIT H-A 10 BS TBF-LB M20



- EPIC® H-A 10 screw termination female insert
- With wire protection
- EPIC® H-A 10 cable coupler hood

Article number	Pieces / PU
75009629	1

■ Article numbers for single components

- H-A 10 BS 10441100 (Page 451)
- H-A 10 TBF-LB M20 19439000 (Page 507)



Info

- Complete connectors - easy to order

■ Benefits

- Pre-packed kits with compatible components
- Uncomplicated ordering
- No misplaced orders

■ Technical data

Rated voltage (V)

IEC: 250 V
UL: 600 V
CSA: 600 V

Rated current (A)

IEC: 16 A
UL: 14 A
CSA: 16 A

Number of contacts

10 + PE

EPIC® H-A 16 Kits



Article number	Pieces / PU
75009630	1

Article numbers for single components

- H-A 16 SS 10530000 (Page 451)
- H-A 16 TG M20 19565000 (Page 508)

EPIC KIT H-A 16 SS TG M20



- EPIC® H-A 16 screw-termination male insert
- With wire protection
- EPIC® H-A 16 hood



Article number	Pieces / PU
75009631	1

Article numbers for single components

- H-A 16 SS 10530000 (Page 451)
- H-A 16 TS M20 19564000 (Page 509)

EPIC KIT H-A 16 SS TS M20



- EPIC® H-A 16 screw-termination male insert
- With wire protection
- EPIC® H-A 16 hood



Article number	Pieces / PU
75009632	1

Article numbers for single components

- H-A 16 BS 10531000 (Page 451)
- H-A 16 AG-LB 10462000 (Page 510)

EPIC KIT H-A 16 BS AG



- EPIC® H-A 16 screw termination female insert
- With wire protection
- EPIC® H-A 16 panel-mount base



Article number	Pieces / PU
75009633	1

Article numbers for single components

- H-A 16 BS 10531000 (Page 451)
- H-A 16 SGR-LB M20 19567100 (Page 511)

EPIC KIT H-A 16 BS SGR-LB M20



- EPIC® H-A 16 screw termination female insert
- With wire protection
- EPIC® H-A 16 surface-mount base



Article number	Pieces / PU
75009634	1

Article numbers for single components

- H-A 16 BS 10531000 (Page 451)
- H-A 16 TBF-LB M20 19563000 (Page 513)

EPIC KIT H-A 16 BS TBF-LB M20



- EPIC® H-A 16 screw termination female insert
- With wire protection
- EPIC® H-A 16 cable coupler hood



Info

- Complete connectors - easy to order

Benefits

- Pre-packed kits with compatible components
- Uncomplicated ordering
- No misplaced orders

Technical data

Rated voltage (V)

IEC: 250 V
UL: 600 V
CSA: 600 V

Rated current (A)

IEC: 16 A
UL: 14 A
CSA: 16 A

Number of contacts

16 + PE

EPIC® H-BE 6 Kits

■ EPIC KIT H-BE 6 SS TG M20



- EPIC® H-BE 6 screw-termination male insert
- With wire protection
- EPIC® H-B 6 hood

Article number	Pieces / PU
75009635	1

■ Article numbers for single components

- H-BE 6 SS 10190000 (Page 465)
- H-B 6 TG M20 19011000 (Page 526)



■ EPIC KIT H-BE 6 SS TS M20



- EPIC® H-BE 6 screw-termination male insert
- With wire protection
- EPIC® H-B 6 hood

Article number	Pieces / PU
75009636	1

■ Article numbers for single components

- H-BE 6 SS 10190000 (Page 465)
- H-B 6 TS M20 19012000 (Page 526)



■ EPIC KIT H-BE 6 BS AG-LB



- EPIC® H-BE 6 screw termination female insert
- With wire protection
- EPIC® H-B 6 panel-mount base

Article number	Pieces / PU
75009637	1

■ Article numbers for single components

- H-BE 6 BS 10191000 (Page 465)
- H-B 6 AG-LB 10003000 (Page 527)



■ EPIC KIT H-BE 6 BS SGR-LB M20



- EPIC® H-BE 6 screw termination female insert
- With wire protection
- EPIC® H-B 6 surface-mount base

Article number	Pieces / PU
75009638	1

■ Article numbers for single components

- H-BE 6 BS 10191000 (Page 465)
- H-B 6 SGR M20 19005000 (Page 528)



■ EPIC KIT H-BE 6 BS TBF-LB M20



- EPIC® H-BE 6 screw termination female insert
- With wire protection
- EPIC® H-B 6 cable coupler hood

Article number	Pieces / PU
75009639	1

■ Article numbers for single components

- H-BE 6 BS 10191000 (Page 465)
- H-B 6 TBF M20 19014000 (Page 531)



Info

- Complete connectors - easy to order

■ Benefits

- Pre-packed kits with compatible components
- Uncomplicated ordering
- No misplaced orders

■ Technical data

Rated voltage (V)
IEC: 500 V
UL: 600 V
CSA: 600 V

Rated current (A)
IEC: 16 A
UL: 16 A
CSA: 16 A

Number of contacts
6 + PE

EPIC® H-BE 10 Kits



Article number	Pieces / PU
75009640	1

Article numbers for single components

- H-BE 10 SS 10192000 (Page 466)
- H-B 10 TG M25 19040100 (Page 533)

EPIC KIT H-BE 10 SS TG M25



- EPIC® H-BE 10 screw-termination male insert
- With wire protection
- EPIC® H-B 10 hood



Article number	Pieces / PU
75009641	1

Article numbers for single components

- H-BE 10 SS 10192000 (Page 466)
- H-B 10 TS M25 19042100 (Page 534)

EPIC KIT H-BE 10 SS TS M25



- EPIC® H-BE 10 screw-termination male insert
- With wire protection
- EPIC® H-B 10 hood



Article number	Pieces / PU
75009642	1

Article numbers for single components

- H-BE 10 BS 10193000 (Page 466)
- H-B 10 AG 10032000 (Page 536)

EPIC KIT H-BE 10 BS AG



- EPIC® H-BE 10 screw termination female insert
- With wire protection
- EPIC® H-B 10 panel-mount base



Article number	Pieces / PU
75009643	1

Article numbers for single components

- H-BE 10 BS 10193000 (Page 466)
- H-B 10 SGR M25 19034100 (Page 540)

EPIC KIT H-BE 10 BS SGR M25



- EPIC® H-BE 10 screw termination female insert
- With wire protection
- EPIC® H-B 10 surface-mount base



Article number	Pieces / PU
75009644	1

Article numbers for single components

- H-BE 10 BS 10193000 (Page 466)
- H-B 10 TBF M25 79040200 (Page 543)

EPIC KIT H-BE 10 BS TBF M25



- EPIC® H-BE 10 screw termination female insert
- With wire protection
- EPIC® H-B 10 cable coupler hood



Info

- Complete connectors - easy to order

Benefits

- Pre-packed kits with compatible components
- Uncomplicated ordering
- No misplaced orders

Technical data

Rated voltage (V)

IEC: 500 V
UL: 600 V
CSA: 600 V

Rated current (A)

IEC: 16 A
UL: 16 A
CSA: 16 A

Number of contacts

10 + PE

EPIC® H-BE 16 Kits

■ EPIC KIT H-BE 16 SS TG M25



- EPIC® H-BE 16 screw termination female insert
- With wire protection
- EPIC® H-B 16 hood

Article number	Pieces / PU
75009645	1

■ Article numbers for single components

- H-BE 16 SS 10194000 (Page 467)
- H-B 16 TG M25 19080000 (Page 546)



■ EPIC KIT H-BE 16 SS TS M25



- EPIC® H-BE 16 screw termination female insert
- With wire protection
- EPIC® H-B 16 hood

Article number	Pieces / PU
75009646	1

■ Article numbers for single components

- H-BE 16 SS 10194000 (Page 467)
- H-B 16 TS M25 19082000 (Page 548)



■ EPIC KIT H-BE 16 BS AG



- EPIC® H-BE 16 screw termination female insert
- With wire protection
- EPIC® H-B 16 panel-mount base

Article number	Pieces / PU
75009647	1

■ Article numbers for single components

- H-BE 16 BS 10195000 (Page 467)
- H-B 16 AG 10072000 (Page 550)



■ EPIC KIT H-BE 16 BS SGR M25



- EPIC® H-BE 16 screw termination female insert
- With wire protection
- EPIC® H-B 16 surface-mount base

Article number	Pieces / PU
75009648	1

■ Article numbers for single components

- H-BE 16 BS 10195000 (Page 467)
- H-B 16 SGR M25 19074000 (Page 554)



■ EPIC KIT H-BE 16 BS TBF M25



- EPIC® H-BE 24 screw termination female insert
- With wire protection
- EPIC® H-B 16 cable coupler hood

Article number	Pieces / PU
75009649	1

■ Article numbers for single components

- H-BE 16 BS 10195000 (Page 467)
- H-B 16 TBF M25 19086000 (Page 557)



Info

- Complete connectors - easy to order

■ Benefits

- Pre-packed kits with compatible components
- Uncomplicated ordering
- No misplaced orders

■ Technical data

Rated voltage (V)
IEC: 500 V
UL: 600 V
CSA: 600 V

Rated current (A)
IEC: 16 A
UL: 16 A
CSA: 16 A

Number of contacts
16 + PE

EPIC® H-BE 24 Kits



Article number	Pieces / PU
75009650	1

Article numbers for single components

- H-BE 24 SS 10196000 (Page 468)
- H-B 24 TG M25 19121000 (Page 560)

EPIC KIT H-BE 24 SS TG M25



- EPIC® H-BE 24 screw-termination male insert
- With wire protection
- EPIC® H-B 24 hood



Article number	Pieces / PU
75009651	1

Article numbers for single components

- H-BE 24 SS 10196000 (Page 468)
- H-B 24 TS M25 19113000 (Page 562)

EPIC KIT H-BE 24 SS TS M25



- EPIC® H-BE 24 screw-termination male insert
- With wire protection
- EPIC® H-B 24 hood



Article number	Pieces / PU
75009652	1

Article numbers for single components

- H-BE 24 BS 10197000 (Page 468)
- H-B 24 AG 10102000 (Page 564)

EPIC KIT H-BE 24 BS AG



- EPIC® H-BE 24 screw termination female insert
- With wire protection
- EPIC® H-B 24 panel-mount base



Article number	Pieces / PU
75009653	1

Article numbers for single components

- H-BE 24 BS 10197000 (Page 468)
- H-B 24 SGR M25 19104000 (Page 568)

EPIC KIT H-BE 24 BS SGR M25



- EPIC® H-BE 24 screw termination female insert
- With wire protection
- EPIC® H-B 24 surface-mount base



Article number	Pieces / PU
75009654	1

Article numbers for single components

- H-BE 24 BS 10197000 (Page 468)
- H-B 24 TBF M25 19127000 (Page 571)

EPIC KIT H-BE 24 BS TBF M25



- EPIC® H-BE 24 screw termination female insert
- With wire protection
- EPIC® H-B 24 cable coupler hood



Info

- Complete connectors - easy to order

Benefits

- Pre-packed kits with compatible components
- Uncomplicated ordering
- No misplaced orders

Technical data

Rated voltage (V)

IEC: 500 V
UL: 600 V
CSA: 600 V

Rated current (A)

IEC: 16 A
UL: 16 A
CSA: 16 A

Number of contacts

24 + PE



Info

- 4 power contacts + 2 signal contacts



■ Suitable housing:

- EPIC® Q Hood Plastic Page 594
- EPIC® H-Q Panel Base Plastic Page 594
- EPIC® H-Q Panel Base angled Plastic Page 594
- EPIC® H-Q Surface Mount Base Plastic Page 595
- EPIC® H-Q Cable Coupler Plastic Page 595
- EPIC® H-Q Hood Metal Page 595
- EPIC® H-Q Panel Base Metal Page 595

■ Suitable contacts:

EPIC® H-Q 4+2

- EPIC® H-Q Contacts Page 496
- EPIC® H-D 1.6 machined contacts Page 487

EPIC® H-Q 8

- EPIC® H-BE 2.5 machined contacts Page 490

EPIC® H-Q 17

- EPIC® H-D 1.6 machined contacts Page 487

■ Benefits

- Insert suitable for plastic and metal housings
- Space-saving

■ Application range

- Servo and power drive systems
- Mechanical engineering
- Plant engineering

■ Technical data

Rated voltage (V)

EPIC® H-Q 4+2

IEC: 400/690 V (H-Q contacts)

UL: 600 V (H-Q contacts)

CSA: 600 V (H-Q contacts)

EPIC® H-Q 8

IEC: 500 V

UL: 600 V

CSA: 600 V

EPIC® H-Q 17

IEC: 250 V

UL: 600 V

CSA: 600 V

Rated impulse voltage

EPIC® H-Q 4+2

6 kV (H-Q contacts)

4 kV (H-D contacts)

EPIC® H-Q 8

6 kV

EPIC® H-Q 17

4 kV

Rated current (A)

EPIC® H-Q 4+2

IEC: 40 A (H-Q contacts)

10 A (H-D contacts)

EPIC® H-Q 8

IEC: 16 A

UL: 16 A

CSA: 16 A

EPIC® H-Q 17

max. 10 A

Degree of soiling

EPIC® H-Q 4+2

3

EPIC® H-Q 8

3

EPIC® H-Q 17

2

Contact resistance

EPIC® H-Q 4+2

< 4 mOhm

EPIC® H-Q 8

< 2 mOhm

EPIC® H-Q 17

< 2 mOhm

Contacts

EPIC® H-Q 4+2

Copper alloy, hard silver-plated

EPIC® H-Q 8

Copper alloy, hard silver-plated

EPIC® H-Q 17

Copper alloy, hard silver/gold-plated

Number of contacts

EPIC® H-Q 4+2

4 + 2 + PE

EPIC® H-Q 8

8 + PE

EPIC® H-Q 17

17 + PE

Termination methods

EPIC® H-Q 4+2

Crimp termination: 1.5 - 6.0 mm² (H-Q contacts)

0.14 - 2.5 mm² (H-D contacts)

EPIC® H-Q 8

Crimp termination: 0.5 - 4.0 mm²

EPIC® H-Q 17

Crimp termination: 0.14 - 2.5 mm²

Cycle of mechanical operation

500

Temperature range

-40 °C to +125 °C



Article number	Article	Version	Article designation	Contacts	Pieces / PU
H-Q 4+2 crimp termination					
44420511	H-Q 4+2 SCM	male	machined	4 + 2	1
44420510	H-Q 4+2 BCM	female	machined	4 + 2	1
H-Q 8 crimp termination					
44420527	H-Q 8 SCM	male	machined	1 - 8	1
44420526	H-Q 8 BCM	female	machined	1 - 8	1
H-Q 17 crimp termination					
44420525	H-Q 17 SCM	male	machined	1 - 17	1
44420524	H-Q 17 BCM	female	machined	1 - 17	1

Photographs are not to scale and do not represent detailed images of the respective products.

For current information see: www.lappgroup.com

New

EPIC® Q Hood Plastic



RoHS ✓

New

EPIC® H-Q Panel Base Plastic



RoHS ✓

EPIC® H-Q Panel Base angled Plastic



RoHS ✓

Benefits

- Housing in plastic or metal version. For power supply in the smallest possible space
- Neck for cable gland integrated, use with special H-Q cable glands
- With metal housing EMC cable gland as an option

Application range

EPIC® Q Hood Plastic

- Plastic housings for standard applications
- Metal housings for increased environmental requirements

Technical data



Material
Housing: thermoplastic, grey
Lever: metal



Protection rating
IP 66



Temperature range
-40°C to +125°C

Article number	Article	M	Pieces / PU
H-Q housings – hoods (straight cable entry)			
44420530	H-Q TG V16P	V16P	1
H-Q Housing Hood (Cable Entry side)			
44420531	H-Q TS V16P	V16P	1
H-Q housings – panel-mount base housings			
44420528	H-Q AG P		1
H-Q housings – angled panel-mount base housings			
44420529	H-Q WAG P		1

Photographs are not to scale and do not represent detailed images of the respective products.

New

EPIC® H-Q Surface Mount Base Plastic



New

EPIC® H-Q Cable Coupler Plastic



Benefits

- Housing in plastic or metal version. For power supply in the smallest possible space
- Neck for cable gland integrated, use with special H-Q cable glands
- With metal housing EMC cable gland as an option

Technical data



Material
Housing: thermoplastic, grey
Lever: metal



Protection rating
IP 66



Temperature range
-40 °C to +125 °C

Article number	Article	M	Pieces / PU
H-Q housings – surface-mount bases (1 cable entry)			
44420532	H-Q SGR V16P	V16P	1
H-Q housings – cable coupler hoods (straight cable entry)			
44420533	H-Q KG V16P	V16P	1

Photographs are not to scale and do not represent detailed images of the respective products.

New

EPIC® H-Q Hood Metal



New

EPIC® H-Q Panel Base Metal



Benefits

- Housing in plastic or metal version. For power supply in the smallest possible space
- Neck for cable gland integrated, use with special H-Q cable glands
- With metal housing EMC cable gland as an option

Technical data



Material
Housing: zinc die-casting



Temperature range
-40 °C to +125 °C



Protection rating
IP 66

Article number	Article	M	Pieces / PU
H-Q Housing Hood (Cable Entry side)			
44420540	H-Q TS V21M	V21M	1
H-Q housings – hoods (straight cable entry)			
44420539	H-Q TG V21M	V21M	1
H-Q housings – panel-mount base housings			
44420538	H-Q AG M	V21M	1

Photographs are not to scale and do not represent detailed images of the respective products.

New

EPIC® H-Q Contacts



New

EPIC® H-Q Cable Glands



New

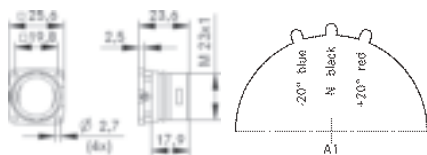
EPIC® H-Q Accessories



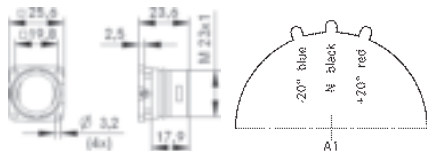
Article number	Article	Version	Version	Cross-section (mm²)	Surface	Stripping length (mm)	Pieces / PU
Contacts							
44420512	EPIC H-Q 4.0 machined		male	1.5	Ag	8.0	25
44420513	EPIC H-Q 4.0 machined		male	2.5	Ag	8.0	25
44420514	EPIC H-Q 4.0 machined		male	4.0	Ag	8.0	25
44420515	EPIC H-Q 4.0 machined		male	6.0	Ag	8.0	25
44420516	EPIC H-Q 4.0 machined		female	1.5	Ag	8.0	25
44420517	EPIC H-Q 4.0 machined		female	2.5	Ag	8.0	25
44420518	EPIC H-Q 4.0 machined		female	4.0	Ag	8.0	25
44420519	EPIC H-Q 4.0 machined		female	6.0	Ag	8.0	25
H-Q cable glands for V16P housings (plastic housings)							
44420537	EPIC H-Q Cable gland	9-13mm					1
44420536	EPIC H-Q Cable gland	11.5 - 15.5mm					1
H-Q cable glands for V21M housings (metal housings)							
44420541	EPIC H-Q Cable gland	9-13mm					1
44420542	EPIC H-Q Cable gland	11.5 - 15.5mm					1
44420543	EPIC H-Q Cable gland	14 - 18mm					1
H-Q EMC cable gland for V21M housings (metal housings)							
44420544	EPIC H-Q cable gland EMC	11.5 - 15.5mm					1
44420545	EPIC H-Q cable gland EMC	14 - 18mm					1
44420534	EPIC H-Q dust cap	for housing H-Q with female insert					1
44420535	EPIC H-Q dust cap	for housing H-Q with male insert					1

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® M23 A1



EPIC® M23 A1 D3,2

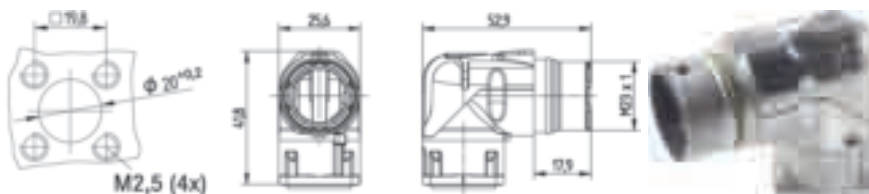


EPIC® M23 A3



Info

- Range of rotation: 330° in 15° increments



Benefits

- Housings are very flexible - cable connectors with wide clamping range, receptacle housings for assembling the inserts from the front and rear

Application range

- Plant engineering
- Servo drives and servo assemblies
- Measurement and control technology

Product features

- EPIC® M23 A1**
 - Panel-mount base, straight entry
 - Front wall-mounting
- EPIC® M23 A1 D3,2**
 - Panel-mount base, straight entry
 - Front wall-mounting
- EPIC® M23 A3**
 - Panel-mount base, angled, rotatable
 - Front wall-mounting

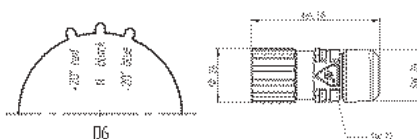
Technical data

	Material Housing: nickel-plated zinc die-casting Sealing: FPM
	Protection rating IP68 (10h / 1m)
	Temperature range -25°C - +125°C
	VDE-tested EPIC® M23 A1 Certified production control: VDE-REG. no. 24 EPIC® M23 A1 D3,2 Certified production control: VDE-REG. no. 24

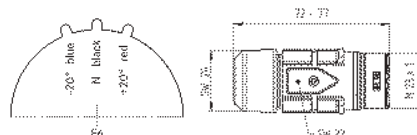
Article number	Article	Coding	Fastening type	Pieces / PU
Type M23 A1 panel-mount box, front wall mounting				
72004000	M23 A1	black (N)	Ø 2.7 mm (4x)	5
72004010	M23 A1	black (N)	Ø 2.7 mm (4x)	20
72004200	M23 A1	red (+20°)	Ø 2.7 mm (4x)	5
72004210	M23 A1	red (+20°)	Ø 2.7 mm (4x)	20
72004100	M23 A1	blue (-20°)	Ø 2.7 mm (4x)	5
72004110	M23 A1	blue (-20°)	Ø 2.7 mm (4x)	20
Type M23 A1 D3.2 panel-mount box, front wall mounting				
44420018	M23 A1 D3,2	black (N)	Ø 3.2 mm (4x)	5
44420017	M23 A1 D3,2	black (N)	Ø 3.2 mm (4x)	20
44420020	M23 A1 D3,2	red (+20°)	Ø 3.2 mm (4x)	5
44420019	M23 A1 D3,2	red (+20°)	Ø 3.2 mm (4x)	20
44420016	M23 A1 D3,2	blue (-20°)	Ø 3.2 mm (4x)	5
44420015	M23 A1 D3,2	blue (-20°)	Ø 3.2 mm (4x)	20
Type M23 A3 panel-mount connector, angled, rotatable, front wall mounting				
44420055	M23 A3	black (N)	Ø 2.7 mm (4x)	5
44420054	M23 A3	black (N)	Ø 2.7 mm (4x)	20

Photographs are not to scale and do not represent detailed images of the respective products.

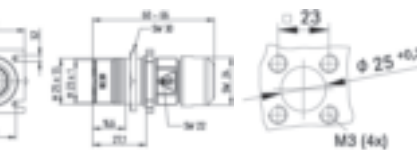
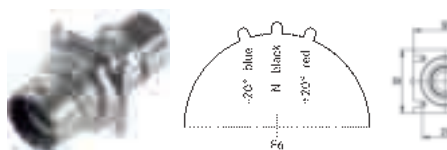
EPIC® M23 D6



EPIC® M23 F6



EPIC® M23 F7



■ Benefits

- Housings are very flexible - cable connectors with wide clamping range, receptacle housings for assembling the inserts from the front and rear

- **Application range**

- Plant engineering
- Servo drives and servo assemblies
- Measurement and control technology

■ Product features

EPIC® M23 D6

- Cable connector

EPIC® M23 F6

- Cable coupler

EPIC® M23 F7

- Cable coupler with flange
- Front wall or rear wall mounting

■ Technical data



Material

Housing: nickel-plated zinc die-casting
Sealing: FPM



Protection rating

IP68 (10h / 1m)



Temperature range

-25°C - +125°C



VDE-tested

EPIC® M23 D6

Certified production control: VDE-REG. no. 24

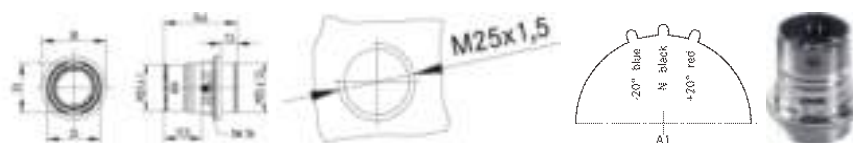
EPIC® M23 F6

Certified production control: VDE-REG. no. 24

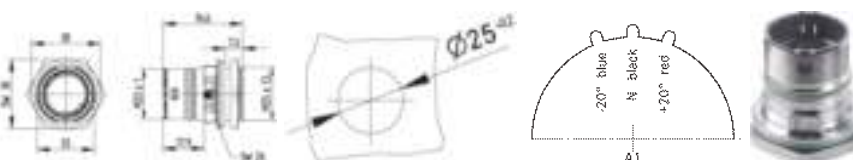
Article number	Article	Coding	Cable clamping range	Fastening type	Pieces / PU
Type M23 D6 cable connector					
44420037	M23 D6	black (N)	7.0 - 13.5		5
72044030	M23 D6	black (N)	7.0 - 10.0		5
72044020	M23 D6	black (N)	7.0 - 10.0		20
72044000	M23 D6	black (N)	9.5 - 13.5		5
72044010	M23 D6	black (N)	9.5 - 13.5		20
44420038	M23 D6	red (+20°)	7.0 - 13.5		5
72044230	M23 D6	red (+20°)	7.0 - 10.0		5
72044220	M23 D6	red (+20°)	7.0 - 10.0		20
72044200	M23 D6	red (+20°)	9.5 - 13.5		5
72044210	M23 D6	red (+20°)	9.5 - 13.5		20
44420036	M23 D6	blue (-20°)	7.0 - 13.5		5
72044130	M23 D6	blue (-20°)	7.0 - 10.0		5
72044120	M23 D6	blue (-20°)	7.0 - 10.0		20
72044100	M23 D6	blue (-20°)	9.5 - 13.5		5
72044110	M23 D6	blue (-20°)	9.5 - 13.5		20
Type M23 F6 coupling connector					
44420040	M23 F6	black (N)	7.0 - 13.5		5
72064030	M23 F6	black (N)	7.0 - 10.0		5
72064020	M23 F6	black (N)	7.0 - 10.0		20
72064000	M23 F6	black (N)	9.5 - 13.5		5
72064010	M23 F6	black (N)	9.5 - 13.5		20
44420041	M23 F6	red (+20°)	7.0 - 13.5		5
72064230	M23 F6	red (+20°)	7.0 - 10.0		5
72064220	M23 F6	red (+20°)	7.0 - 10.0		20
72064200	M23 F6	red (+20°)	9.5 - 13.5		5
72064210	M23 F6	red (+20°)	9.5 - 13.5		20
44420039	M23 F6	blue (-20°)	7.0 - 13.5		5
72064130	M23 F6	blue (-20°)	7.0 - 10.0		5
72064120	M23 F6	blue (-20°)	7.0 - 10.0		20
72064100	M23 F6	blue (-20°)	9.5 - 13.5		5
Type M23 F7 panel-mount connector, front/rear wall mounting					
44420009	M23 F7	black (N)	7.0 - 10.0	Ø 3.2 mm (4x), M25 x 1.5 (with nut)	5
44420010	M23 F7	black (N)	7.0 - 10.0	Ø 3.2 mm (4x), M25 x 1.5 (with nut)	20
44420011	M23 F7	black (N)	9.5 - 13.5	Ø 3.2 mm (4x), M25 x 1.5 (with nut)	5
44420012	M23 F7	black (N)	9.5 - 13.5	Ø 3.2 mm (4x), M25 x 1.5 (with nut)	20
44420001	M23 F7	red (+20°)	7.0 - 10.0	Ø 3.2 mm (4x), M25 x 1.5 (with nut)	5
44420002	M23 F7	red (+20°)	7.0 - 10.0	Ø 3.2 mm (4x), M25 x 1.5 (with nut)	20
44420003	M23 F7	red (+20°)	9.5 - 13.5	Ø 3.2 mm (4x), M25 x 1.5 (with nut)	5
44420004	M23 F7	red (+20°)	9.5 - 13.5	Ø 3.2 mm (4x), M25 x 1.5 (with nut)	20
44420005	M23 F7	blue (-20°)	7.0 - 10.0	Ø 3.2 mm (4x), M25 x 1.5 (with nut)	5
44420006	M23 F7	blue (-20°)	7.0 - 10.0	Ø 3.2 mm (4x), M25 x 1.5 (with nut)	20
44420007	M23 F7	blue (-20°)	9.5 - 13.5	Ø 3.2 mm (4x), M25 x 1.5 (with nut)	5
44420008	M23 F7	blue (-20°)	9.5 - 13.5	Ø 3.2 mm (4x), M25 x 1.5 (with nut)	20

Photographs are not to scale and do not represent detailed images of the respective products.

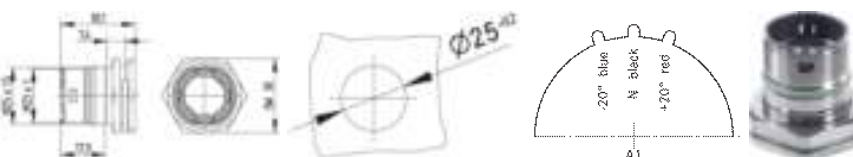
For current information see: www.lappgroup.com



EPIC® M23 G4



EPIC® M23 G5



EPIC® M23 G6

Benefits

- Housings are very flexible - cable connectors with wide clamping range, receptacle housings for assembling the inserts from the front and rear

Application range

- Plant engineering
- Servo drives and servo assemblies
- Measurement and control technology

Product features

EPIC® M23 G4

- Panel-mount connector
- Front wall-mounting

EPIC® M23 G5

- Panel-mount connector
- Front wall-mounting

EPIC® M23 G6

- Panel-mount connector
- Rear wall-mounting

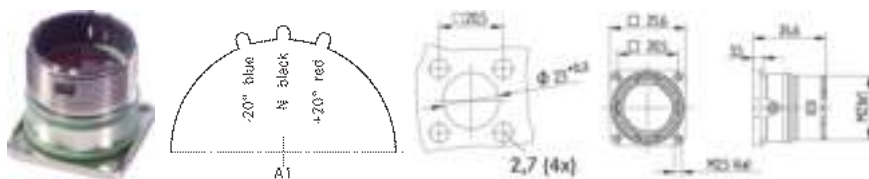
Technical data

	Material Housing: nickel-plated zinc die-casting Sealing: FPM
	Protection rating IP68 (10h / 1m)
	Temperature range -25°C - +125°C

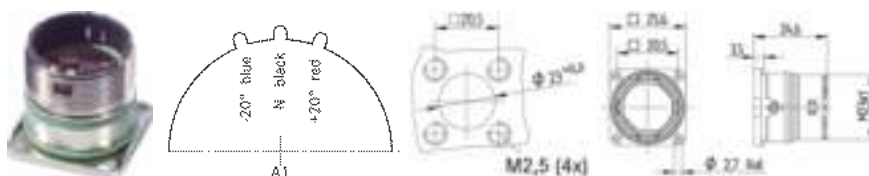
Article number	Article	Coding	Fastening type	Pieces / PU
Type M23 G4 panel-mount box, front wall mounting				
44420032	M23 G4	black (N)	M25 x 1.5	5
44420031	M23 G4	black (N)	M25 x 1.5	20
44420034	M23 G4	red (+20°)	M25 x 1.5	5
44420033	M23 G4	red (+20°)	M25 x 1.5	20
44420030	M23 G4	blue (-20°)	M25 x 1.5	5
44420029	M23 G4	blue (-20°)	M25 x 1.5	20
Type M23 G5 panel-mount box, front wall mounting				
44420046	M23 G5	black (N)	M25 x 1.5 (with nut)	5
44420045	M23 G5	black (N)	M25 x 1.5 (with nut)	20
44420048	M23 G5	red (+20°)	M25 x 1.5 (with nut)	5
44420047	M23 G5	red (+20°)	M25 x 1.5 (with nut)	20
44420044	M23 G5	blue (-20°)	M25 x 1.5 (with nut)	5
44420043	M23 G5	blue (-20°)	M25 x 1.5 (with nut)	20
Type M23 G6 panel-mount box, rear wall mounting				
44420071	M23 G6	black (N)	M25 x 1.5 (with nut)	5
44420073	M23 G6	black (N)	M25 x 1.5 (with nut)	20

Photographs are not to scale and do not represent detailed images of the respective products.

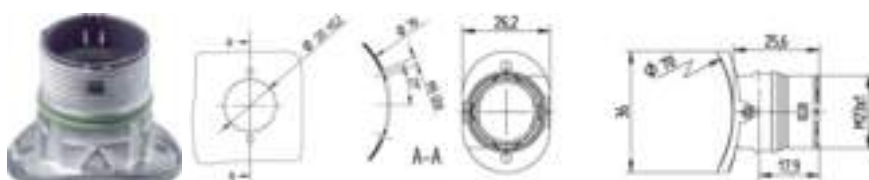
EPIC® M23 B1



EPIC® M23 B2



EPIC® M23 O1



Benefits

- Housings are very flexible - cable connectors with wide clamping range, receptacle housings for assembling the inserts from the front and rear

Application range

- Plant engineering
- Servo drives and servo assemblies
- Measurement and control technology

Product features

EPIC® M23 B1

- Panel-mount connector
- Rear wall-mounting

EPIC® M23 B2

- Panel-mount connector
- Rear wall-mounting

EPIC® M23 O1

- Panel-mount base, straight entry
- Front wall-mounting
- For circular cases

Technical data

	Material Housing: nickel-plated zinc die-casting Sealing: FPM
	Protection rating IP68 (10h / 1m)
	Temperature range -25°C - +125°C

Article number	Article	Coding	Fastening type	Pieces / PU
Type M23 B1 panel-mount box, rear wall mounting				
44420024	M23 B1	black (N)	M2.5 (4x)	5
44420023	M23 B1	black (N)	M2.5 (4x)	20
44420026	M23 B1	red (+20°)	M2.5 (4x)	5
44420025	M23 B1	red (+20°)	M2.5 (4x)	20
44420022	M23 B1	blue (-20°)	M2.5 (4x)	5
44420021	M23 B1	blue (-20°)	M2.5 (4x)	20
Type M23 B2 panel-mount box, rear wall mounting				
44420050	M23 B2	black (N)	Ø 2.7 mm (4x)	5
44420051	M23 B2	black (N)	Ø 2.7 mm (4x)	20
44420035	M23 B2	red (+20°)	Ø 2.7 mm (4x)	5
44420049	M23 B2	red (+20°)	Ø 2.7 mm (4x)	20
44420052	M23 B2	blue (-20°)	Ø 2.7 mm (4x)	5
44420053	M23 B2	blue (-20°)	Ø 2.7 mm (4x)	20
Type M23 O1 panel-mount box with radius, front wall mounting				
44420083	M23 O1	black (N)	Ø 3.2 mm (2x), mounting Ø 50 mm	5
44420082	M23 O1	black (N)	Ø 3.2 mm (2x), mounting Ø 50 mm	20
44420085	M23 O1	black (N)	Ø 3.2 mm (2x), mounting Ø 58 mm	5
44420084	M23 O1	black (N)	Ø 3.2 mm (2x), mounting Ø 58 mm	20
44420087	M23 O1	black (N)	Ø 3.2 mm (2x), mounting Ø 70 mm	5
44420086	M23 O1	black (N)	Ø 3.2 mm (2x), mounting Ø 70 mm	20
44420028	M23 O1	black (N)	Ø 3.2 mm (2x), mounting Ø 90 mm	5
44420027	M23 O1	black (N)	Ø 3.2 mm (2x), mounting Ø 90 mm	20

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® M23 C2



Benefits

- Quick and easy separation of connection from both sides of a wall
- For connecting two pre-assembled M23 D6 cable connectors

Application range

- Plant engineering
- Measurement and control technology

Product features

- Feed-through connector
- Panel thickness: up to 3 mm
- The inserts and contacts are already mounted onto the housing

Technical data



Material

Housing: nickel-plated copper alloy
Insert: thermoplastic
Sealing: neoprene



Protection rating

IP 67



Temperature range

-25°C - +125°C

Article number	Article	Version	Contacts included	Fastening type	Pin configuration	Pieces / PU
Type M23 C2 feed-through connector						
00010108	EPIC® M23 C2 12	black (N)	12	Ø 2.7 mm (4x)	12E male - 12P female	5
00010521	EPIC® M23 C2 17	black (N)	17	Ø 2.7 mm (4x)	17E male - 17P female	5

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® M23 Inserts 12 pole D-Sub



Info

- For D-Sub ribbon contacts

EPIC® M23 Inserts 17 pole D-Sub



Info

- For D-Sub ribbon contacts

Suitable housing:

EPIC® M23 Inserts 12 pole D-Sub

- EPIC® M23 A1 Page 597
- EPIC® M23 A1 D3,2 Page 597
- EPIC® M23 A3 Page 597
- EPIC® M23 D6 Page 598
- EPIC® M23 F6 Page 598
- EPIC® M23 F7 Page 598
- EPIC® M23 G4 Page 599
- EPIC® M23 G5 Page 599
- EPIC® M23 G6 Page 599
- EPIC® M23 B1 Page 600
- EPIC® M23 B2 Page 600
- EPIC® M23 O1 Page 600

EPIC® M23 Inserts 17 pole D-Sub

- EPIC® M23 A1 Page 597
- EPIC® M23 A1 D3,2 Page 597
- EPIC® M23 A3 Page 597
- EPIC® M-D 1.0 D-Sub stamped contacts-on-reel Page 486
- EPIC® M23 D6 Page 598
- EPIC® M23 F6 Page 598
- EPIC® M23 F7 Page 598
- EPIC® M23 G4 Page 599
- EPIC® M23 G5 Page 599
- EPIC® M23 G6 Page 599
- EPIC® M23 B1 Page 600
- EPIC® M23 B2 Page 600
- EPIC® M23 O1 Page 600
- All inserts fit into all housings

Technical data

Rated voltage (V)

EPIC® M23 Inserts 12 pole D-Sub

100 V

EPIC® M23 Inserts 17 pole D-Sub

50 V

Rated impulse voltage

EPIC® M23 Inserts 12 pole D-Sub

1,5 kV

EPIC® M23 Inserts 17 pole D-Sub

0,8 kV

Rated current (A)

4 A

Degree of soiling

3

Contact resistance

< 4 mOhm

Contacts

Partly gold-plated brass

Number of contacts

EPIC® M23 Inserts 12 pole D-Sub

12

EPIC® M23 Inserts 17 pole D-Sub

17

Termination methods

Crimp termination: 0.08 - 0.56 mm²

Cycle of mechanical operation

50



Temperature range

-25°C - +125°C

Suitable contacts:

- EPIC® M-D 1.0 D-Sub stamped contacts-on-reel Page 486

Benefits

- Efficient assembling due to the use of D-Sub contacts-on-reel

Application range

- Plant engineering
- Measurement and control technology
- Apparatus construction

Article number	Article	Inserts	Pin configuration	Pieces / PU
12-pin inserts, E-part = rotation to the right (clockwise)				
44420120	E-Part	Unpopulated, for male D-Sub crimp-contacts on reel	12	5
44420121	E-Part	Unpopulated, for male D-Sub crimp-contacts on reel	12	20
44420122	E-Part	Unpopulated, for female D-Sub crimp-contacts on reel	12	5
44420123	E-Part	Unpopulated, for female D-Sub crimp-contacts on reel	12	20
12-pin inserts, P-part = rotation to the left (anticlockwise)				
44420124	P-part	Unpopulated, for male D-Sub crimp-contacts on reel	12	5
44420125	P-part	Unpopulated, for male D-Sub crimp-contacts on reel	12	20
44420126	P-part	Unpopulated, for female D-Sub crimp-contacts on reel	12	5
44420127	P-part	Unpopulated, for female D-Sub crimp-contacts on reel	12	20
17-pin inserts, E-part = rotation to the right (clockwise)				
44420128	E-Part	Unpopulated, for male D-Sub crimp-contacts on reel	17	5
44420129	E-Part	Unpopulated, for male D-Sub crimp-contacts on reel	17	20
44420130	E-Part	Unpopulated, for female D-Sub crimp-contacts on reel	17	5
44420131	E-Part	Unpopulated, for female D-Sub crimp-contacts on reel	17	20
17-pin inserts, P-part = rotation to the left (anticlockwise)				
44420132	P-part	Unpopulated, for male D-Sub crimp-contacts on reel	17	5
44420133	P-part	Unpopulated, for male D-Sub crimp-contacts on reel	17	20
44420134	P-part	Unpopulated, for female D-Sub crimp-contacts on reel	17	5
44420135	P-part	Unpopulated, for female D-Sub crimp-contacts on reel	17	20

The inserts are suitable for both male and female contacts. For a complete connection, you will need one P-component and one E-component. P-component = left turning (anticlockwise), E-component = right turning (clockwise)

Photographs are not to scale and do not represent detailed images of the respective products.



Info

- With solder pins for PCB boards
- Only for housing type A1, B1, B2

EPIC® M23 Inserts 12 pole PCB-soldering



Info

- With solder pins for PCB boards
- Only for housing type A1, B1, B2

EPIC® M23 Inserts 17 pole PCB-soldering



Suitable housing:

- EPIC® M23 A1 Page 597
- EPIC® M23 A1 D3,2 Page 597
- EPIC® M23 B1 Page 600
- EPIC® M23 B2 Page 600
- Designed for housing type B1/B2

Benefits

- Inserts with solder pins at the connection side for soldering in PCB boards. Ideal in combination with M23 housings of type B1/ B2 for rear wall-mounting.

Application range

- Plant engineering
- Measurement and control technology
- Apparatus construction

Technical data

Rated voltage (V)

EPIC® M23 Inserts 12 pole PCB-soldering
100 V

EPIC® M23 Inserts 17 pole PCB-soldering
50 V

Rated impulse voltage

EPIC® M23 Inserts 12 pole PCB-soldering
1.5 kV

EPIC® M23 Inserts 17 pole PCB-soldering
0.8 kV

Rated current (A)

7 A

Degree of soiling

3

Contact resistance

< 4 mOhm

Contacts

Gold-plated brass

Number of contacts

EPIC® M23 Inserts 12 pole PCB-soldering
12

EPIC® M23 Inserts 17 pole PCB-soldering
17

Termination methods

Solder pins with Ø 1.0 mm for PCB soldering.
Pin length from rear edge of housing B1/B2:
4 mm

Cycle of mechanical operation

100

Temperature range

-25 °C - +125 °C



Article number	Article	Inserts	Contacts included	Pin configuration	Pieces / PU
12-pin inserts, P-part = rotation to the left (anticlockwise)					
44420107	P-part	+ male contacts, PCB solder	12	12	5
44420108	P-part	+ female contacts, PCB solder	12	12	5
12-pin inserts, E-part = rotation to the right (clockwise)					
44420066	E-Part	+ male contacts, PCB solder	12	12	5
44420106	E-Part	+ female contacts, PCB solder	12	12	5
17-pin inserts, P-part = rotation to the left (anticlockwise)					
44420160	P-part	+ male contacts, PCB solder	17	17	5
44420161	P-part	+ female contacts, PCB solder	17	17	5
17-pin inserts, E-part = rotation to the right (clockwise)					
44420162	E-Part	+ male contacts, PCB solder	17	17	5
44420163	E-Part	+ female contacts, PCB solder	17	17	5

The inserts are suitable for both male and female contacts. For a complete connection, you will need one P-component and one E-component. P-component = left turning (anticlockwise), E-component = right turning (clockwise)

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® M23 Inserts 6 pole



EPIC® M23 Inserts 7 pole



Suitable housing:

- EPIC® M23 A1 Page 597
- EPIC® M23 A1 D3,2 Page 597
- EPIC® M23 A3 Page 597
- EPIC® M23 D6 Page 598
- EPIC® M23 F6 Page 598
- EPIC® M23 F7 Page 598
- EPIC® M23 G4 Page 599
- EPIC® M23 G5 Page 599
- EPIC® M23 G6 Page 599
- EPIC® M23 B1 Page 600
- EPIC® M23 B2 Page 600
- EPIC® M23 O1 Page 600
- All inserts fit into all housings

Technical data

Rated voltage (V)
150 V

Rated impulse voltage
4 kV

Rated current (A)
18 A

Degree of soiling
3

Contact resistance
< 4 mOhm

Contacts
Gold-plated brass

Number of contacts

EPIC® M23 Inserts 6 pole

6

EPIC® M23 Inserts 7 pole

7

Termination methods

Crimp termination: 1.0 - 2.5 mm²

Solder termination: up to 2.5 mm²

Cycle of mechanical operation
100



Temperature range
-25°C - +125°C

Suitable contacts:

- EPIC® M23 Contacts male Page 608
- EPIC® M23 Contacts female Page 608
- Use 2 mm contacts

Benefits

- Universal further processing of the M23 inserts through different packaging units. Fully assembled with suitable solder contacts or unpopulated for individual assembly with crimp or solder contacts

Application range

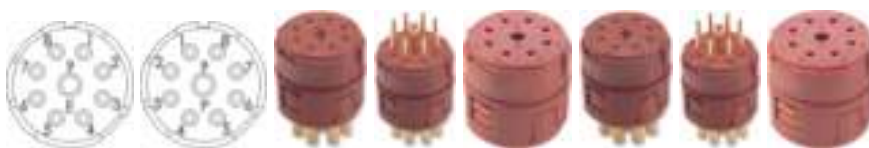
- Plant engineering
- Measurement and control technology
- Apparatus construction

Article number	Article	Inserts	Contacts included	Pin configuration	Pieces / PU
6-pin inserts, P-part = rotation to the left (anticlockwise)					
73002760	P-part	without contacts		6	5
73002761	P-part	without contacts		6	20
73002762	P-part	+ male contacts, solder	6	6	5
73002763	P-part	+ male contacts, solder	6	6	20
73002764	P-part	+ female contacts, solder	6	6	5
73002765	P-part	+ female contacts, solder	6	6	20
6-pin inserts, E-part = rotation to the right (clockwise)					
73002766	E-Part	without contacts		6	5
73002767	E-Part	without contacts		6	20
73002768	E-Part	+ male contacts, solder	6	6	5
73002769	E-Part	+ male contacts, solder	6	6	20
73002770	E-Part	+ female contacts, solder	6	6	5
73002771	E-Part	+ female contacts, solder	6	6	20
7-pin inserts, P-part = rotation to the left (anticlockwise)					
44420148	P-part	without contacts		7	5
44420149	P-part	without contacts		7	20
44420150	P-part	+ male contacts, solder	7	7	5
44420151	P-part	+ male contacts, solder	7	7	20
44420152	P-part	+ female contacts, solder	7	7	5
44420153	P-part	+ female contacts, solder	7	7	20
7-pin inserts, E-part = rotation to the right (clockwise)					
44420154	E-Part	without contacts		7	5
44420155	E-Part	without contacts		7	20
44420156	E-Part	+ male contacts, solder	7	7	5
44420157	E-Part	+ male contacts, solder	7	7	20
44420158	E-Part	+ female contacts, solder	7	7	5
44420159	E-Part	+ female contacts, solder	7	7	20

The inserts are suitable for both male and female contacts. For a complete connection, you will need one P-component and one E-component. P-component = left turning (anticlockwise), E-component = right turning (clockwise)

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® M23 Inserts 8+1 pole



EPIC® M23 Inserts 9 pole



■ Suitable housing:

- EPIC® M23 A1 Page 597
- EPIC® M23 A1 D3,2 Page 597
- EPIC® M23 A3 Page 597
- EPIC® M23 D6 Page 598
- EPIC® M23 F6 Page 598
- EPIC® M23 F7 Page 598
- EPIC® M23 G4 Page 599
- EPIC® M23 G5 Page 599
- EPIC® M23 G6 Page 599
- EPIC® M23 B1 Page 600
- EPIC® M23 B2 Page 600
- EPIC® M23 O1 Page 600
- All inserts fit into all housings

■ Suitable contacts:

- EPIC® M23 Contacts male Page 608
- EPIC® M23 Contacts female Page 608

EPIC® M23 Inserts 8+1 pole

- 8+1: 8*1 mm contact, 1*2 mm contact

EPIC® M23 Inserts 9 pole

- 9: 9*1 mm contact

■ Technical data

Rated voltage (V)
150 V

Rated impulse voltage
EPIC® M23 Inserts 8+1 pole
2.5 kV
EPIC® M23 Inserts 9 pole
1.5 kV

Rated current (A)
EPIC® M23 Inserts 8+1 pole
20 A (2 mm contact)
7 A (1 mm contacts)
EPIC® M23 Inserts 9 pole
7 A

Degree of soiling
3

Contact resistance
< 4 mOhm

Contacts
Gold-plated brass

Number of contacts
EPIC® M23 Inserts 8+1 pole
8 + 1
EPIC® M23 Inserts 9 pole
9

Termination methods
EPIC® M23 Inserts 8+1 pole
Crimp termination: 0.14 - 1.0 mm²
(1.0 - 2.5 mm² for 2-mm contact)
Solder termination: up to 1.0 mm²
(up to 2.5 mm² for 2-mm contact)
EPIC® M23 Inserts 9 pole
Crimp termination: 0.14 - 1.0 mm²
Solder termination: up to 1.0 mm²

Cycle of mechanical operation
100



Temperature range
-25 °C - +125 °C

■ Benefits

- Universal further processing of the M23 inserts through different packaging units. Fully assembled with suitable solder contacts or unpopulated for individual assembly with crimp or solder contacts

■ Application range

- Plant engineering
- Measurement and control technology
- Apparatus construction

Article number	Article	Inserts	Contacts included	Pin configuration	Pieces / PU
8+1-pin inserts, P-part = rotation to the left (anticlockwise)					
73002736	P-part	without contacts		8+1	5
73002737	P-part	without contacts		8+1	20
73002738	P-part	+ male contacts, solder	9	8+1	5
73002739	P-part	+ male contacts, solder	9	8+1	20
73002740	P-part	+ female contacts, solder	9	8+1	5
73002741	P-part	+ female contacts, solder	9	8+1	20
8+1-pin inserts, E-part = rotation to the right (clockwise)					
73002742	E-Part	without contacts		8+1	5
73002743	E-Part	without contacts		8+1	20
73002744	E-Part	+ male contacts, solder	9	8+1	5
73002745	E-Part	+ male contacts, solder	9	8+1	20
73002746	E-Part	+ female contacts, solder	9	8+1	5
73002747	E-Part	+ female contacts, solder	9	8+1	20
9-pin inserts, P-part = rotation to the left (anticlockwise)					
73002724	P-part	Unpopulated		9	5
73002725	P-part	Unpopulated		9	20
73002726	P-part	+ male contacts, solder	9	9	5
73002727	P-part	+ male contacts, solder	9	9	20
73002728	P-part	+ female contacts, solder	9	9	5
73002729	P-part	+ female contacts, solder	9	9	20
9-pin inserts, E-part = rotation to the right (clockwise)					
73002730	E-Part	Unpopulated		9	5
73002731	E-Part	Unpopulated		9	20
73002732	E-Part	+ male contacts, solder	9	9	5
73002733	E-Part	+ male contacts, solder	9	9	20
73002734	E-Part	+ female contacts, solder	9	9	5
73002735	E-Part	+ female contacts, solder	9	9	20

The inserts are suitable for both male and female contacts. For a complete connection, you will need one P-component and one E-component. P-component = left turning (anticlockwise), E-component = right turning (clockwise)

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® M23 Inserts 12 pole



EPIC® M23 Inserts 16 pole



Suitable housing:

- EPIC® M23 A1 Page 597
- EPIC® M23 A1 D3,2 Page 597
- EPIC® M23 A3 Page 597
- EPIC® M23 D6 Page 598
- EPIC® M23 F6 Page 598
- EPIC® M23 F7 Page 598
- EPIC® M23 G4 Page 599
- EPIC® M23 G5 Page 599
- EPIC® M23 G6 Page 599
- EPIC® M23 B1 Page 600
- EPIC® M23 B2 Page 600
- EPIC® M23 O1 Page 600
- All inserts fit into all housings

Technical data

Rated voltage (V)

100 V

Rated impulse voltage

1.5 kV

Rated current (A)

7 A

Degree of soiling

3

Contact resistance

< 4 mOhm

Contacts

Gold-plated brass

Number of contacts

EPIC® M23 Inserts 12 pole

12

EPIC® M23 Inserts 16 pole

16

Termination methods

Crimp termination: 0.14 - 1.0 mm²Solder termination: up to 1.0 mm²

Cycle of mechanical operation

100



Temperature range

-25°C - +125°C

Suitable contacts:

- EPIC® M23 Contacts male Page 608
- EPIC® M23 Contacts female Page 608

Benefits

- Universal further processing of the M23 inserts through different packaging units. Fully assembled with suitable solder contacts or unpopulated for individual assembly with crimp or solder contacts

Application range

- Plant engineering
- Measurement and control technology
- Apparatus construction

Article number	Article	Inserts	Contacts included	Pin configuration	Pieces / PU
12-pin inserts, P-part = rotation to the left (anticlockwise)					
73002712	P-part	Unpopulated		12	5
73002713	P-part	Unpopulated		12	20
73002714	P-part	+ male contacts, solder	12	12	5
73002715	P-part	+ male contacts, solder	12	12	20
73002716	P-part	+ female contacts, solder	12	12	5
73002717	P-part	+ female contacts, solder	12	12	20
12-pin inserts, E-part = rotation to the right (clockwise)					
73002718	E-Part	Unpopulated		12	5
73002719	E-Part	Unpopulated		12	20
73002720	E-Part	+ male contacts, solder	12	12	5
73002721	E-Part	+ male contacts, solder	12	12	20
73002722	E-Part	+ female contacts, solder	12	12	5
73002723	E-Part	+ female contacts, solder	12	12	20
16-pin inserts, P-part = rotation to the left (anticlockwise)					
73002700	P-part	Unpopulated		16	5
73002701	P-part	Unpopulated		16	20
73002702	P-part	+ male contacts, solder	16	16	5
73002703	P-part	+ male contacts, solder	16	16	20
73002704	P-part	+ female contacts, solder	16	16	5
73002705	P-part	+ female contacts, solder	16	16	20
16-pin inserts, E-part = rotation to the right (clockwise)					
73002706	E-Part	Unpopulated		16	5
73002707	E-Part	Unpopulated		16	20
73002708	E-Part	+ male contacts, solder	16	16	5
73002709	E-Part	+ male contacts, solder	16	16	20
73002710	E-Part	+ female contacts, solder	16	16	5
73002711	E-Part	+ female contacts, solder	16	16	20

The inserts are suitable for both male and female contacts. For a complete connection, you will need one P-component and one E-component. P-component = left turning (anticlockwise), E-component = right turning (clockwise)

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® M23 Inserts 17 pole



Suitable housing:

- EPIC® M23 A1 Page 597
- EPIC® M23 A1 D3,2 Page 597
- EPIC® M23 A3 Page 597
- EPIC® M23 D6 Page 598
- EPIC® M23 F6 Page 598
- EPIC® M23 F7 Page 598
- EPIC® M23 G4 Page 599
- EPIC® M23 G5 Page 599
- EPIC® M23 G6 Page 599
- EPIC® M23 B1 Page 600
- EPIC® M23 B2 Page 600
- EPIC® M23 O1 Page 600
- All inserts fit into all housings

Technical data

Rated voltage (V)
50 V

Rated impulse voltage
0,8 kV

Rated current (A)
7 A

Degree of soiling
3

Contact resistance
< 4 mOhm

Contacts

Gold-plated brass

Number of contacts
17

Termination methods

Crimp termination: 0.14 - 1.0 mm²
Solder termination: up to 1.0 mm²

Cycle of mechanical operation
100



Temperature range
-25 °C - +125 °C

Suitable contacts:

- EPIC® M23 Contacts male Page 608
- EPIC® M23 Contacts female Page 608

Benefits

- Universal further processing of the M23 inserts through different packaging units. Fully assembled with suitable solder contacts or unpopulated for individual assembly with crimp or solder contacts

Application range

- Plant engineering
- Measurement and control technology
- Apparatus construction

Article number	Article	Inserts	Contacts included	Pin configuration	Pieces / PU
17-pin inserts, P-part = rotation to the left (anticlockwise)					
73008000	P-part	Unpopulated		17	5
73008010	P-part	Unpopulated		17	20
73028000	P-part	+ male contacts, solder	17	17	5
73028010	P-part	+ male contacts, solder	17	17	20
73018000	P-part	+ female contacts, solder	17	17	5
73018010	P-part	+ female contacts, solder	17	17	20
17-pin inserts, E-part = rotation to the right (clockwise)					
73008500	E-Part	Unpopulated		17	5
73008510	E-Part	Unpopulated		17	20
73028500	E-Part	+ male contacts, solder	17	17	5
73028510	E-Part	+ male contacts, solder	17	17	20
73018500	E-Part	+ female contacts, solder	17	17	5
73018510	E-Part	+ female contacts, solder	17	17	20

The inserts are suitable for both male and female contacts. For a complete connection, you will need one P-component and one E-component. P-component = left turning (anticlockwise), E-component = right turning (clockwise)

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® M23 Contacts male



EPIC® M23 Contacts female



Article number	Article designation	Version	For design	Pieces / PU
Male contacts				
72400001	EPIC® M23 SCEM 1 mm AU 0,14 - 1,0 (10)	1 mm male crimp	M23 inserts (not D-Sub)	10
72400000	EPIC® M23 SCEM 1 mm AU 0,14 - 1,0 (100)	1 mm male crimp	M23 inserts (not D-Sub)	100
72402001	EPIC® M23 SLEM 1 mm AU 1.0 (10)	1 mm male solder	M23 inserts (not D-Sub)	10
72402000	EPIC® M23 SLEM 1 mm AU 1.0 (100)	1 mm male solder	M23 inserts (not D-Sub)	100
72401000	EPIC® M23 SCEM 2 mm AU 1,0 - 2,5 (100)	2 mm male crimp	M23 inserts (not D-Sub)	100
72403100	EPIC® M23 SLEM 2 mm AU (10)	2 mm male solder	M23 inserts (not D-Sub)	10
72403000	EPIC® M23 SLEM 2 mm AU (100)	2 mm male solder	M23 inserts (not D-Sub)	100
Female contacts				
74020601	EPIC® M23 BCEMS 1 mm AU 0.14 - 1.0 (10)	1 mm female slot 0.14 - 1.0 mm ²	M23 inserts (not D-Sub), LS1 D6, A6	10
74200600	EPIC® M23 BCEMS 1 mm AU 0.14 - 1.0 (100)	1 mm female slot 0.14 - 1.0 mm ²	M23 inserts (not D-Sub), LS1 D6, A6	100
72402601	EPIC® M23 BLEMS 1 mm 1.0 AU (10)	1 mm female slot solder	M23 inserts (not D-Sub)	10
72402600	EPIC® M23 BLEMS 1 mm 1.0 AU (100)	1 mm female slot solder	M23 inserts (not D-Sub)	100
72401601	EPIC® M23 BCEMS 2 mm AU 1,0 - 2,5 (10)	2 mm female crimp	M23 inserts (not D-Sub)	10
72401600	EPIC® M23 BCEMS 2 mm AU 1,0 - 2,5 (100)	2 mm female crimp	M23 inserts (not D-Sub)	100
72404100	EPIC® M23 BLEMS 2 mm AU 1,0 - 2,5 (10)	2 mm female solder	M23 inserts (not D-Sub)	10
72404000	EPIC® M23 BLEMS 2 mm AU 1,0 - 2,5 (100)	2 mm female solder	M23 inserts (not D-Sub)	100
74034501	LS1 D BCEMS 1 mm AU 0.14 - 1.0 (10)	1 mm female hyperboloid 0.14 - 1.0 mm ²	M23 inserts (not D-Sub), LS1 D6, A6	10
74034500	LS1 D BCEMS 1 mm AU 0.14 - 1.0 (100)	1 mm female hyperboloid 0.14 - 1.0 mm ²	M23 inserts (not D-Sub), LS1 D6, A6	100

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® M23 Tools



Article number	Article	Inserts	Pieces / PU
Tools			
11148000	Crimping tool	In tool case, without locator	1
11148001	4-mandrel digital crimping tool	In tool case, without locator	1
11148002	Crimping machine	Pneumatic for 5 - 10 bar, locator not included	1
11148300	Locator for EPIC® CIRCON		1
44420078	M23 removal tool for inserts	For housing type A, B, G, O	1

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® M23 Accessories



Article number	Article	Inserts	Pieces / PU
Accessories			
75018310	LS1 A, G, F protection cap, plastic cord with cable lug	Metal cap for A1, F6, F7, G5	20
75007810	M23-LS1 A, B, F, G protective cap	Plastic cap for A1, F6	20
75007710	M23-LS1 D protective cap	Plastic cap for D6, A6	20
75018010	M23 A, B, F, G protective cap, plastic cord with cable lug	Metal cap for A1, F6	20
75018110	M23 A protective cap, plastic cord with grommet	Metal cap for A1	20
55001312	SILVYN ADAPTER M23/M20x1,5	For clamping range 8.5 - 11 mm and 10.5 - 15.5 mm	1

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® M23 Kits 12pole

■ EPIC® KIT M23 D6 12-POL FEMALE



- EPIC® M23 12-pin solder termination female insert
- Max. cross-section 1.0 mm²
- P-part, rotation to the left, anticlockwise
- D6 cable connector, clamping range 7.0 - 13.5 mm

Article number	Pieces / PU
75009702	1

■ Article numbers for single components

- P-part 73002716 (Page 606)
- M23 D6 44420037 (Page 598)

■ EPIC® KIT M23 A1 12-POL MALE



- EPIC® M23 12-pin solder-termination male insert
- Max. cross-section 1.0 mm²
- E-Part, rotation to the right, clockwise
- A1 panel-mount box, front wall mounting

Article number	Pieces / PU
75009703	1

■ Article numbers for single components

- E-Part 73002720 (Page 606)
- M23 A1 72004000 (Page 597)

■ EPIC® KIT M23 A3 12-POL MALE



- EPIC® M23 12-pin solder-termination male insert
- Max. cross-section 1.0 mm²
- E-Part, rotation to the right, clockwise
- A3 panel-mount box, angled and rotatable, front wall mounting

Article number	Pieces / PU
75009704	1

■ Article numbers for single components

- E-Part 73002720 (Page 606)
- M23 A3 44420055 (Page 597)

■ EPIC® KIT M23 F6 12-POL MALE



- EPIC® M23 12-pin solder-termination male insert
- Max. cross-section 1.0 mm²
- E-Part, rotation to the right, clockwise
- F6 cable coupler, clamping range 7.0 - 13.5 mm

Article number	Pieces / PU
75009705	1

■ Article numbers for single components

- E-Part 73002720 (Page 606)
- M23 F6 44420040 (Page 598)



Info

- Complete connectors - easy to order

■ Benefits

- Uncomplicated ordering
- No misplaced orders
- Pre-packed kits with compatible components

■ Technical data

Rated voltage (V)
100 V (1 mm contacts)
Rated current (A)
7 A (1 mm contacts)
Number of contacts
12

EPIC® M23 Kits 17pol.



Article number	Pieces / PU
75009706	1

Article numbers for single components

- P-part 73018000 (Page 607)
- M23 D6 44420037 (Page 598)

EPIC KIT M23 D6 17-POL FEMALE



- EPIC® M23 17-pin solder termination female insert
- Max. cross-section 1.0 mm²
- P-part, rotation to the left, anticlockwise
- D6 cable connector, clamping range 7.0 - 13.5 mm



Article number	Pieces / PU
75009707	1

Article numbers for single components

- E-Part 73028500 (Page 607)
- M23 A1 72004000 (Page 597)

EPIC KIT M23 A1 17-POL MALE



- EPIC® M23 17-pin solder-termination male insert
- Max. cross-section 1.0 mm²
- E-Part, rotation to the right, clockwise
- A1 panel-mount box, front wall mounting



Article number	Pieces / PU
75009708	1

Article numbers for single components

- E-Part 73028500 (Page 607)
- M23 A3 44420055 (Page 597)

EPIC KIT M23 A3 17-POL MALE



- EPIC® M23 17-pin solder-termination male insert
- Max. cross-section 1.0 mm²
- E-Part, rotation to the right, clockwise
- A3 panel-mount box, angled and rotatable, front wall mounting



Article number	Pieces / PU
75009709	1

Article numbers for single components

- E-Part 73028500 (Page 607)
- M23 F6 44420040 (Page 598)

EPIC KIT M23 F6 17-POL MALE



- EPIC® M23 17-pin solder-termination male insert
- Max. cross-section 1.0 mm²
- E-Part, rotation to the right, clockwise
- F6 cable coupler, clamping range 7.0 - 13.5 mm



Info

- Complete connectors - easy to order

Benefits

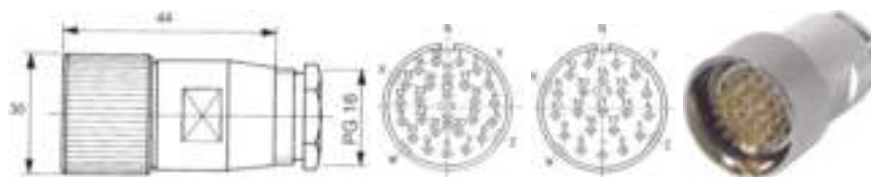
- Uncomplicated ordering
- No misplaced orders
- Pre-packed kits with compatible components

Technical data

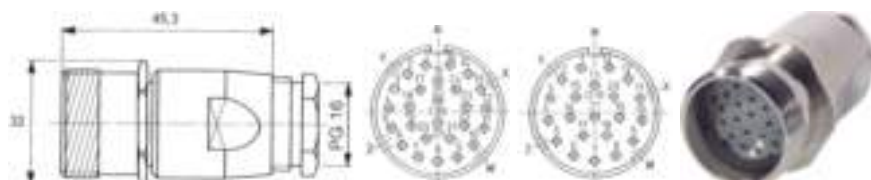
Rated voltage (V)
50 V (1 mm contacts)
Rated current (A)
7 A (1 mm contacts)
Number of contacts
17



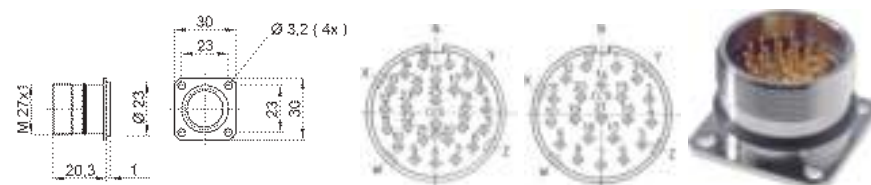
EPIC® ZYLIN R 3.0 D PG16



EPIC® ZYLIN R 3.0 F PG16



EPIC® ZYLIN R 3.0 A



Benefits

- For applications where circular connectors with a higher number of contacts are required

Application range

- Machine and equipment manufacturing
- Measurement and control technology

Product features

EPIC® ZYLIN R 3.0 D PG16

- Cable connector
- Equipped with male or female inserts

EPIC® ZYLIN R 3.0 F PG16

- Cable coupler
- Equipped with male or female inserts

EPIC® ZYLIN R 3.0 A

- Panel-mount base
- Front wall-mounting
- Equipped with male or female inserts

Technical data

Rated voltage (V)
24V AC / 60VDC

Rated impulse voltage
1.5 kV

Rated current (A)
7.5 A

Contact resistance
< 3 mOhm

Contacts
Copper alloy, gold-plated

Number of contacts
21-pin / 26-pin

Termination methods
Solder termination: up to 1.0 mm²



Material
Housing: nickel-plated copper alloy
Insert: thermoplastic
Sealing: neoprene



Protection rating
IP 67 (maximum, dependant on cable gland used)

Cycle of mechanical operation
500

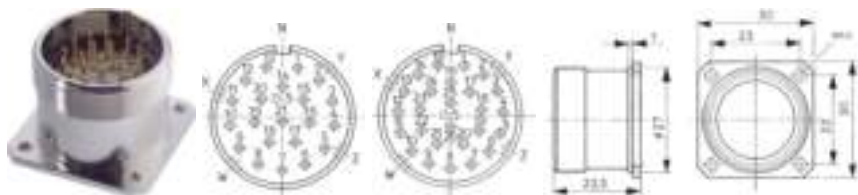


Temperature range
-40 °C to +100 °C, short-term up to +125 °C

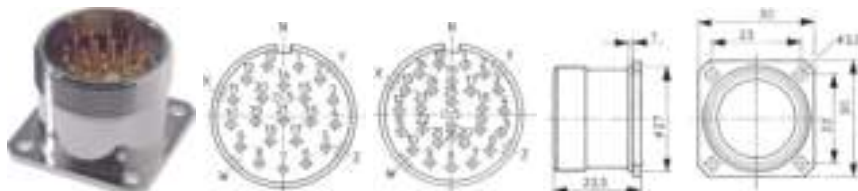
Article number	Article	Version	Contacts	Pin configuration	Coding	Cable clamping range	Fastening type	Pieces / PU
R 3.0 D PG16								
00009045	ZYLIN R 3.0 D	male	1 - 21	E-Part	N	6.5 - 16.0		5
00008899	ZYLIN R 3.0 D	male	1 - 26	E-Part	N	6.5 - 16.0		5
00008749	ZYLIN R 3.0 D	female	1 - 21	P-Part	N	6.5 - 16.0		5
00008829	ZYLIN R 3.0 D	female	1 - 26	P-Part	N	6.5 - 16.0		5
R 3.0 F PG16								
00008854	ZYLIN R 3.0 F	male	1 - 21	E-Part	N	6.5 - 16.0		5
00008822	ZYLIN R 3.0 F	male	1 - 26	E-Part	N	6.5 - 16.0		5
00008779	ZYLIN R 3.0 F	female	1 - 21	P-Part	N	6.5 - 16.0		5
00008979	ZYLIN R 3.0 F	female	1 - 26	P-Part	N	6.5 - 16.0		5
R 3.0 A								
00008747	ZYLIN R 3.0 A	male	1 - 21	E-Part	N		Ø 3.2 mm (4x)	5
00008825	ZYLIN R 3.0 A	male	1 - 26	E-Part	N		Ø 3.2 mm (4x)	5
00008867	ZYLIN R 3.0 A	female	1 - 21	P-Part	N		Ø 3.2 mm (4x)	5
00008746	ZYLIN R 3.0 A	female	1 - 26	P-Part	N		Ø 3.2 mm (4x)	5

The housing is available with male or female inserts. The contact photographs are not to scale and do not represent detailed images of the respective products.

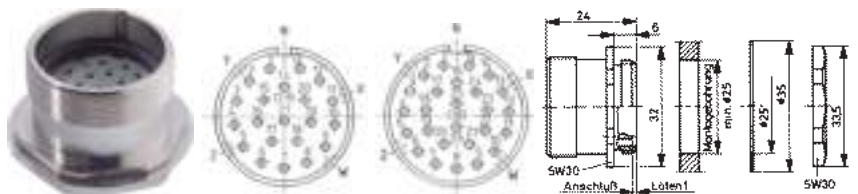
EPIC® ZYLIN R 3.0 B1



EPIC® ZYLIN R 3.0 B2



EPIC® ZYLIN R 3.0 G1



Benefits

- For applications where circular connectors with a higher number of contacts are required

Application range

- Machine and equipment manufacturing
- Measurement and control technology

Product features

EPIC® ZYLIN R 3.0 B1

- Panel-mount connector
- Rear wall-mounting
- Equipped with male or female inserts

EPIC® ZYLIN R 3.0 B2

- Panel-mount connector
- Rear wall-mounting
- Equipped with male or female inserts

EPIC® ZYLIN R 3.0 G1

- Panel-mount connector
- Front wall-mounting
- Equipped with male or female inserts

Technical data

Rated voltage (V)

24V AC / 60VDC

Rated impulse voltage

1.5 kV

Rated current (A)

7.5 A

Contact resistance

< 3 mOhm

Contacts

Copper alloy, gold-plated

Number of contacts

21-pin / 26-pin

Termination methods

Solder termination: up to 1.0 mm²



Material

Housing: nickel-plated copper alloy
Insert: thermoplastic
Sealing: neoprene



Protection rating

IP 67 (maximum, dependant on cable gland used)

Cycle of mechanical operation

500



Temperature range

-40 °C to +100 °C, short-term up to +125 °C

Article number	Article	Version	Contacts	Pin configuration	Coding	Fastening type	Pieces / PU
R 3.0 B1							
00009082	ZYLIN R 3.0 B1	male	1 - 21	E-Part	N	M3 (4x)	5
00009135	ZYLIN R 3.0 B1	female	1 - 21	P-Part	N	M3 (4x)	5
00008978	ZYLIN R 3.0 B1	female	1 - 26	P-Part	N	M3 (4x)	5
R 3.0 B2							
00008939	ZYLIN R 3.0 B2	male	1 - 26	E-Part	N	Ø 3.2 mm (4x)	5
00009470	ZYLIN R 3.0 B2	female	1 - 26	P-Part	N	Ø 3.2 mm (4x)	5
R 3.0 G1							
00009371	ZYLIN R 3.0 G1	male	1 - 21	E-Part	N	Ø 25 mm (1x)	5
00009894	ZYLIN R 3.0 G1	male	1 - 26	E-Part	N	Ø 25 mm (1x)	5
00009057	ZYLIN R 3.0 G1	female	1 - 21	P-Part	N	Ø 25 mm (1x)	5
00009005	ZYLIN R 3.0 G1	female	1 - 26	P-Part	N	Ø 25 mm (1x)	5

The housing is available with male or female inserts. The contact photographs are not to scale and do not represent detailed images of the respective products.

EPIC® ZYLIN R 3.0 Tools



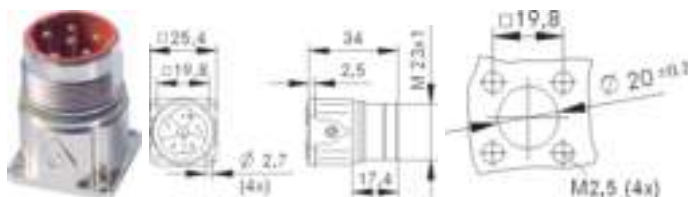
EPIC® ZYLIN R 3.0 Accessories



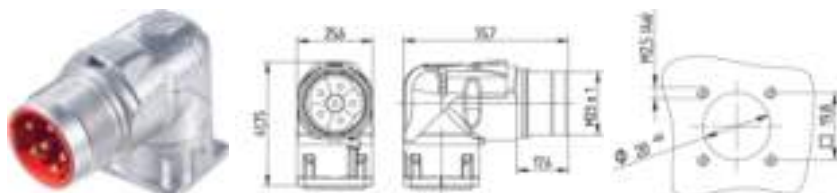
Article number	Article designation	For design	Pieces / PU
50200800	R3.0 assembly/disassembly tool	for type D, F	1
Flat gasket			
50201203	R3.0 A flat gasket	for type A1	5
50202203	R3.0 B flat gasket	for type B	5
Metal cap			
50201120	R3.0 A metal screw-cap	for type A1	5
50204121	R3.0 D metal screw-cap	for type D6	5

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® LS1 A1 6 contacts



EPIC® LS1 A3 6 contacts



Info

- Range of rotation: 330° in 15° increments

Suitable contacts:

- EPIC® LS1 Contacts male Page 622
- PU = 5 pieces: the contacts are included. 2 mm contact crimp range is 0.5 - 2.5 mm².
- PU = 20 pieces: the contacts must be ordered separately

Benefits

- The power connectors with the contact configurations of 5+PE and 3+PE+4 are designed for use in servomotors and servo assemblies.

Application range

- Plant engineering
- Servo drives and servo assemblies

Product features

EPIC® LS1 A1 6 contacts

- Panel-mount base, straight entry
- For male contacts crimp
- Housing with pre-assembled insulation

EPIC® LS1 A3 6 contacts

- Panel-mount base, angled, rotatable
- For male contacts crimp
- Housing with pre-assembled insulation

Technical data

Rated voltage (V)
630 V

Rated impulse voltage
6 kV

Rated current (A)
25 A

Degree of soiling
3

Contact resistance
< 4 mOhm

Contacts
Gold-plated brass

Number of contacts
5 + PE

Termination methods

Crimp termination: 0.5 - 2.5 mm²



Material

Housing: nickel-plated zinc die-casting, nickel-plated brass
Insert: PA,
Seal: FPM



Protection rating

IP68 (10h / 1m)

Cycle of mechanical operation

500



Temperature range

-25°C - +125°C



VDE-tested

EPIC® LS1 A1 6 contacts

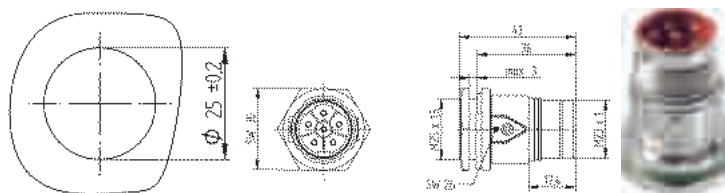
Certified production control: VDE-REG. no. 25

Article number	Article	Contacts included	Fastening type	Pin configuration	Pieces / PU
Type LS1 A1, 6-pin, for male contacts					
76003000	LS1 A1	6	Ø 2.7 mm (4x)	5 + PE	5
76003510	LS1 A1		Ø 2.7 mm (4x)	5 + PE	20
Type LS1 A3, angled, rotatable, 6-pin, for male contacts					
44420058	LS1 A3	6	Ø 2.7 mm (4x)	5 + PE	5
44420059	LS1 A3		Ø 2.7 mm (4x)	5 + PE	20

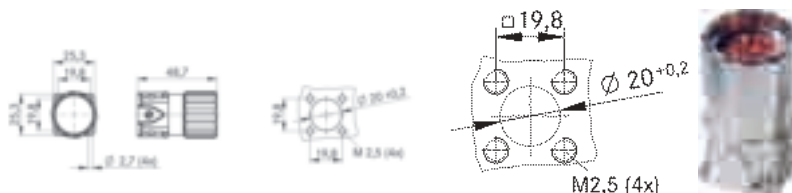
Photographs are not to scale and do not represent detailed images of the respective products.



EPIC® LS1 G5 6 contacts



EPIC® LS1 A6 6 contacts



Suitable contacts:

EPIC® LS1 G5 6 contacts

- EPIC® LS1 Contacts male Page 622

EPIC® LS1 A6 6 contacts

- EPIC® LS1 Contacts female Page 622
- PU = 5 pieces: the contacts are included. 2 mm contact crimp range is 0.5 - 2.5 mm².
- PU = 20 pieces: the contacts must be ordered separately

Benefits

- The power connectors with the contact configurations of 5+PE and 3+PE+4 are designed for use in servomotors and servo assemblies.

Application range

- Plant engineering
- Servo drives and servo assemblies

Product features

EPIC® LS1 G5 6 contacts

- Panel-mount connector
- For male contacts crimp
- Housing with pre-assembled insulation

EPIC® LS1 A6 6 contacts

- Panel-mount base, straight entry
- For female contacts crimp
- Housing with pre-assembled insulation

Technical data

Rated voltage (V)
630 V

Rated impulse voltage
6 kV

Rated current (A)
25 A

Degree of soiling
3

Contact resistance
< 4 mOhm

Contacts
Gold-plated brass

Number of contacts
5 + PE

Termination methods

Crimp termination: 0.5 - 2.5 mm²



Material

Housing: nickel-plated zinc die-casting, nickel-plated brass
Insert: PA,
Seal: FPM



Protection rating

IP68 (10h / 1m)

Cycle of mechanical operation

500



Temperature range

-25 °C - +125 °C



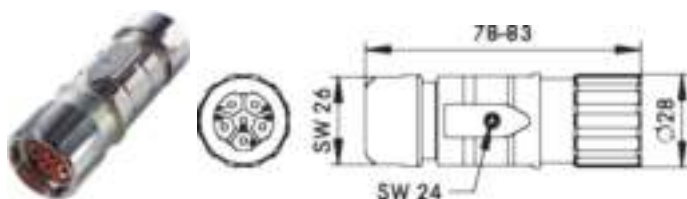
VDE-tested

Certified production control: VDE-REG. no. 25

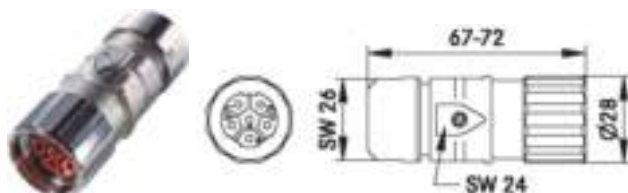
Article number	Article	Contacts included	Fastening type	Pin configuration	Pieces / PU
Type LS1 G5, 6-pin, for male contacts					
76153000	LS1 G5	6	M25 x 1.5 (with nut)	5 + PE	5
76153510	LS1 G5		M25 x 1.5 (with nut)	5 + PE	20
Type LS1 A6, 6-pin, for female contacts					
76083000	LS1 A6	6	Ø 2.7 mm (4x)	5 + PE	5
76083510	LS1 A6		Ø 2.7 mm (4x)	5 + PE	20

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® LS1 D6 6 contacts



EPIC® LS1 D6 6 contacts (short)



Suitable contacts:

- EPIC® LS1 Contacts female Page 622
- PU = 5 pieces: the contacts are included. 2 mm contact crimp range is 0.5 - 2.5 mm².
- PU = 20 pieces: the contacts must be ordered separately

Benefits

- The power connectors with the contact configurations of 5+PE and 3+PE+4 are designed for use in servomotors and servo assemblies.

Application range

- Plant engineering
- Servo drives and servo assemblies

Product features

EPIC® LS1 D6 6 contacts

- Cable connector, long type
- For female contacts crimp
- Housing with pre-assembled insulation
- Connectors with cable clamping range 14 - 17 mm for 2 mm contacts with cross-section of 4 mm²
- In PU5, parts with the cable clamping ranges 8.5-11/10.5-15.5/7.5-15.5 mm include the 2 mm contacts with a cross-section of 0.5-2.5 mm²

EPIC® LS1 D6 6 contacts (short)

- Cable connector, short type
- For female contacts crimp
- Housing with pre-assembled insulation

Technical data

Rated voltage (V)
630 V

Rated impulse voltage
6 kV

Rated current (A)
25 A

Degree of soiling
3

Contact resistance
< 4 mOhm

Contacts
Gold-plated brass

Number of contacts
5 + PE

Termination methods

Crimp termination: 0.5 - 4.0 mm²



Material

Housing: nickel-plated zinc die-casting, nickel-plated brass
Insert: PA,
Seal: FPM



Protection rating

IP68 (10h / 1m)

Cycle of mechanical operation

500



Temperature range

-25°C - +125°C



VDE-tested

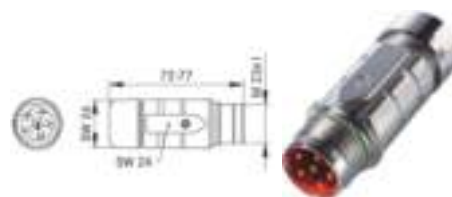
Certified production control: VDE-REG. no. 25

Article number	Article	Contacts included	Cable clamping range (mm)	Pin configuration	Pieces / PU
Type LS1 D6, 6-pin, for female contacts					
73000004	LS1 D6	6	8.5 - 11	5 + PE	5
73000006	LS1 D6		8.5 - 11	5 + PE	20
73000005	LS1 D6	6	10.5 - 15.5	5 + PE	5
73000007	LS1 D6		10.5 - 15.5	5 + PE	20
76123000	LS1 D6	6	7.5 - 15.5	5 + PE	5
76123510	LS1 D6		7.5 - 15.5	5 + PE	20
44420091	LS1 D6	6	14 - 17	5 + PE	5
44420090	LS1 D6		14 - 17	5 + PE	20
Type LS1 D6 short, 6-pin, for female contacts					
73000028	LS1 D6	6	8.5 - 11	5 + PE	5
73000030	LS1 D6		8.5 - 11	5 + PE	20
73000029	LS1 D6	6	10.5 - 15.5	5 + PE	5
73000031	LS1 D6		10.5 - 15.5	5 + PE	20
76123100	LS1 D6	6	7.5 - 15.5	5 + PE	5
76123610	LS1 D6		7.5 - 15.5	5 + PE	20

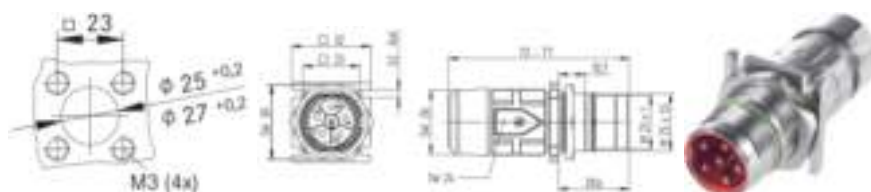
Photographs are not to scale and do not represent detailed images of the respective products.



EPIC® LS1 F6 6 contacts



EPIC® LS1 F7 6 contacts



Suitable contacts:

- EPIC® LS1 Contacts male Page 622
- PU = 5 pieces: the contacts are included. 2 mm contact crimp range is 0.5 - 2.5 mm².
- PU = 20 pieces: the contacts must be ordered separately

Benefits

- The power connectors with the contact configurations of 5+PE and 3+PE+4 are designed for use in servomotors and servo assemblies.

Application range

- Plant engineering
- Servo drives and servo assemblies

Product features

EPIC® LS1 F6 6 contacts

- Cable coupler
- For male contacts crimp
- Connectors with cable clamping range 14 - 17 mm for 2 mm contacts with cross-section of 4 mm²
- Housing with pre-assembled insulation
- In PU5, parts with the cable clamping ranges 8.5-11/ 10.5-15.5/7.5-15.5 mm include the 2 mm contacts with a cross-section of 0.5-2.5 mm²

EPIC® LS1 F7 6 contacts

- Cable coupler with flange
- For male contacts crimp
- Housing with pre-assembled insulation

Technical data

Rated voltage (V)
630 V

Rated impulse voltage
6 kV

Rated current (A)
25 A

Degree of soiling
3

Contact resistance
< 4 mOhm

Contacts
Gold-plated brass

Number of contacts
5 + PE

Termination methods

Crimp termination: 0.5 - 4.0 mm²



Material

Housing: nickel-plated zinc die-casting, nickel-plated brass
Insert: PA,
Seal: FPM



Protection rating

IP68 (10h / 1m)

Cycle of mechanical operation
500



Temperature range

-25°C - +125°C



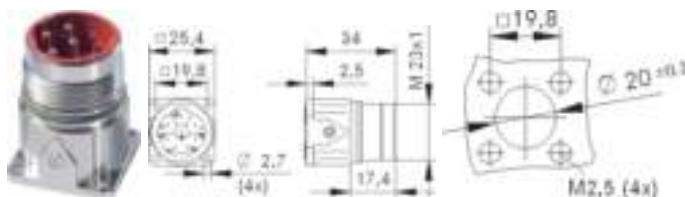
VDE-tested

Certified production control: VDE-REG. no. 25

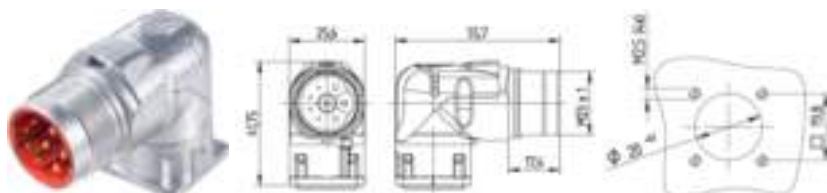
Article number	Article	Contacts included	Cable clamping range (mm)	Fastening type	Pin configuration	Pieces / PU
Type LS1 F6, 6-pin, for male contacts						
73000012	LS1 F6	6	8.5 - 11		5 + PE	5
73000014	LS1 F6		8.5 - 11		5 + PE	20
73000013	LS1 F6	6	10.5 - 15.5		5 + PE	5
73000015	LS1 F6		10.5 - 15.5		5 + PE	20
76133000	LS1 F6	6	7.5 - 15.5		5 + PE	5
76133510	LS1 F6		7.5 - 15.5		5 + PE	20
44420095	LS1 F6	6	14 - 17		5 + PE	5
44420094	LS1 F6		14 - 17		5 + PE	20
Type LS1 F7, 6-pin, for male contacts						
73000020	LS1 F7	6	8.5 - 11	Ø 3.2 mm (4x), M25 x 1.5 (with nut)	5 + PE	5
73000021	LS1 F7	6	10.5 - 15.5	Ø 3.2 mm (4x), M25 x 1.5 (with nut)	5 + PE	5
73000023	LS1 F7		10.5 - 15.5	Ø 3.2 mm (4x), M25 x 1.5 (with nut)	5 + PE	20
76143000	LS1 F7	6	7.5 - 15.5	Ø 3.2 mm (4x), M25 x 1.5 (with nut)	5 + PE	5

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® LS1 A1 8 contacts



EPIC® LS1 A3 8 contacts



Info

- Range of rotation: 330° in 15° increments

Suitable contacts:

- EPIC® LS1 Contacts male Page 622
- PU = 5 pieces: the contacts are included. 2 mm contact crimp range is 0.5 - 2.5 mm².
- PU = 20 pieces: the contacts must be ordered separately

Benefits

- The power connectors with the contact configurations of 5+PE and 3+PE+4 are designed for use in servomotors and servo assemblies.

Application range

- Plant engineering
- Servo drives and servo assemblies

Product features

EPIC® LS1 A1 8 contacts

- Panel-mount base, straight entry
- For male contacts crimp
- Housing with pre-assembled insulation

EPIC® LS1 A3 8 contacts

- Panel-mount base, angled, rotatable
- For male contacts crimp
- Housing with pre-assembled insulation

Technical data

Rated voltage (V)

630 V (2 mm contacts)
250 V (1 mm contacts)

Rated impulse voltage

6 kV (2 mm contacts)
4 kV (1 mm contacts)

Rated current (A)

26 A (2 mm contacts)
7 A (1 mm contacts)

Degree of soiling

3

Contact resistance

< 4 mOhm

Contacts

Gold-plated brass

Number of contacts

3 + PE + 4

Termination methods

Crimp termination: 0.5 - 2.5 mm² (2 mm contacts)
Crimp termination: 0.14 - 1.0 mm² (1 mm contacts)



Material

Housing: nickel-plated zinc die-casting, nickel-plated brass
Insert: PA,
Seal: FPM



Protection rating

IP68 (10h / 1m)

Cycle of mechanical operation

500



Temperature range

-25°C - +125°C



VDE-tested

EPIC® LS1 A1 8 contacts

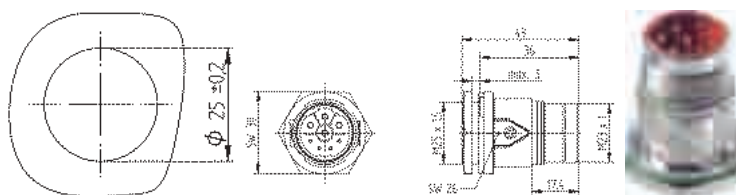
Certified production control: VDE-REG. no. 25

Article number	Article	Contacts included	Fastening type	Pin configuration	Pieces / PU
Type LS1 A1, 8-pin, for male contacts					
76004000	LS1 A1	8	Ø 2.7 mm (4x)	3 + PE + 4	5
76004510	LS1 A1		Ø 2.7 mm (4x)	3 + PE + 4	20
Type LS1 A3, angled, rotatable, 8-pin, for male contacts					
44420056	LS1 A3	8	Ø 2.7 mm (4x)	3 + PE + 4	5
44420057	LS1 A3		Ø 2.7 mm (4x)	3 + PE + 4	20

Photographs are not to scale and do not represent detailed images of the respective products.



EPIC® LS1 G5 8 contacts



EPIC® LS1 A6 8 contacts



Suitable contacts:

EPIC® LS1 G5 8 contacts

- EPIC® LS1 Contacts male Page 622

EPIC® LS1 A6 8 contacts

- EPIC® LS1 Contacts female Page 622
- PU = 5 pieces: the contacts are included. 2 mm contact crimp range is 0.5 - 2.5 mm².
- PU = 20 pieces: the contacts must be ordered separately

Benefits

- The power connectors with the contact configurations of 5+PE and 3+PE+4 are designed for use in servomotors and servo assemblies.

Application range

- Plant engineering
- Servo drives and servo assemblies

Product features

EPIC® LS1 G5 8 contacts

- Panel-mount connector
- For male contacts crimp
- Housing with pre-assembled insulation

EPIC® LS1 A6 8 contacts

- Panel-mount base, straight entry
- For female contacts crimp
- Housing with pre-assembled insulation

Technical data

Rated voltage (V)

630 V (2 mm contacts)
250 V (1 mm contacts)

Rated impulse voltage

6 kV (2 mm contacts)
4 kV (1 mm contacts)

Rated current (A)

26 A (2 mm contacts)
7 A (1 mm contacts)

Degree of soiling

3

Contact resistance

< 4 mOhm

Contacts

Gold-plated brass

Number of contacts

3 + PE + 4

Termination methods

Crimp termination: 0.5 - 2.5 mm² (2 mm contacts)
Crimp termination: 0.14 - 1.0 mm² (1 mm contacts)



Material

Housing: nickel-plated zinc die-casting, nickel-plated brass
Insert: PA,
Seal: FPM



Protection rating

IP68 (10h / 1m)

Cycle of mechanical operation

500



Temperature range

-25 °C - +125 °C



VDE-tested

Certified production control: VDE-REG. no. 25

Article number	Article	Contacts included	Fastening type	Pin configuration	Pieces / PU
Type LS1 G5, 8-pin, for male contacts					
76154000	LS1 G5	8	M25 x 1.5 (with nut)	3 + PE + 4	5
76154510	LS1 G5		M25 x 1.5 (with nut)	3 + PE + 4	20
Type LS1 A6, 8-pin, for female contacts					
76084000	LS1 A6	8	Ø 2.7 mm (4x)	3 + PE + 4	5

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® LS1 D6 8 contacts



EPIC® LS1 D6 8 contacts (short)



Suitable contacts:

- EPIC® LS1 Contacts female Page 622
- PU = 5 pieces: the contacts are included. 2 mm contact crimp range is 0.5 - 2.5 mm².
- PU = 20 pieces: the contacts must be ordered separately

Benefits

- The power connectors with the contact configurations of 5+PE and 3+PE+4 are designed for use in servomotors and servo assemblies.

Application range

- Plant engineering
- Servo drives and servo assemblies

Product features

EPIC® LS1 D6 8 contacts

- Cable connector, long type
- For female contacts crimp
- Connectors with cable clamping range 14 - 17 mm for 2 mm contacts with cross-section of 4 mm²
- Housing with pre-assembled insulation
- In PU5, parts with the cable clamping ranges 8.5-11/10.5-15.5/7.5-15.5 mm include the 2 mm contacts with a cross-section of 0.5-2.5 mm²

EPIC® LS1 D6 8 contacts (short)

- Cable connector, short type
- For female contacts crimp
- Housing with pre-assembled insulation

Technical data

Rated voltage (V)

630 V (2 mm contacts)
250 V (1 mm contacts)

Rated impulse voltage

6 kV (2 mm contacts)
4 kV (1 mm contacts)

Rated current (A)

26 A (2 mm contacts)
7 A (1 mm contacts)

Degree of soiling

3

Contact resistance

< 4 mOhm

Contacts

Gold-plated brass

Number of contacts

3 + PE + 4

Termination methods

Crimp termination: 0.5 - 4.0 mm² (2 mm contacts)
Crimp termination: 0.14 - 1.0 mm² (1 mm contacts)



Material

Housing: nickel-plated zinc die-casting, nickel-plated brass
Insert: PA,
Seal: FPM



Protection rating

IP68 (10h / 1m)

Cycle of mechanical operation

500



Temperature range

-25°C - +125°C

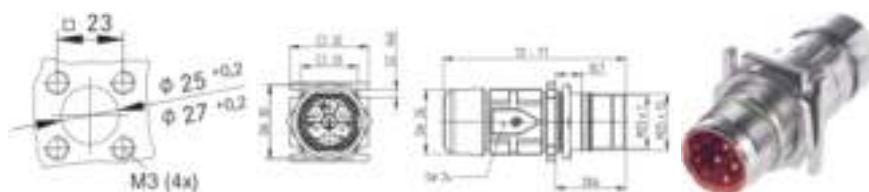
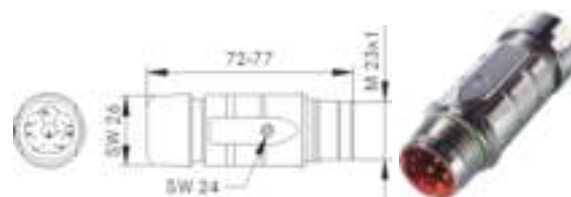


VDE-tested

Certified production control: VDE-REG. no. 25

Article number	Article	Contacts included	Cable clamping range (mm)	Pin configuration	Pieces / PU
Type LS1 D6, 8-pin, for female contacts					
73000000	LS1 D6	8	8.5 - 11	3 + PE + 4	5
73000002	LS1 D6		8.5 - 11	3 + PE + 4	20
73000001	LS1 D6	8	10.5 - 15.5	3 + PE + 4	5
73000003	LS1 D6		10.5 - 15.5	3 + PE + 4	20
76124000	LS1 D6	8	7.5 - 15.5	3 + PE + 4	5
76124510	LS1 D6		7.5 - 15.5	3 + PE + 4	20
44420089	LS1 D6	8	14 - 17	3 + PE + 4	5
44420088	LS1 D6		14 - 17	3 + PE + 4	20
Type LS1 D6 short, 8-pin, for female contacts					
73000024	LS1 D6	8	8.5 - 11	3 + PE + 4	5
73000026	LS1 D6		8.5 - 11	3 + PE + 4	20
73000025	LS1 D6	8	10.5 - 15.5	3 + PE + 4	5
73000027	LS1 D6		10.5 - 15.5	3 + PE + 4	20
76124100	LS1 D6	8	7.5 - 15.5	3 + PE + 4	5
76124610	LS1 D6		7.5 - 15.5	3 + PE + 4	20

Photographs are not to scale and do not represent detailed images of the respective products.



Suitable contacts:

- EPIC® LS1 Contacts male Page 622
- PU = 5 pieces: the contacts are included. 2 mm contact crimp range is 0.5 - 2.5 mm².
- PU = 20 pieces: the contacts must be ordered separately

Benefits

- The power connectors with the contact configurations of 5+PE and 3+PE+4 are designed for use in servomotors and servo assemblies.

Application range

- Plant engineering
- Servo drives and servo assemblies

Product features

EPIC® LS1 F6 8 contacts

- Cable coupler
- For male contacts crimp
- Connectors with cable clamping range 14 - 17 mm for 2 mm contacts with cross-section of 4 mm²
- Housing with pre-assembled insulation
- In PU5, parts with the cable clamping ranges 8.5-11/ 10.5-15.5/7.5-15.5 mm include the 2 mm contacts with a cross-section of 0.5-2.5 mm²

EPIC® LS1 F7 8 contacts

- Cable coupler with flange
- For male contacts crimp
- Housing with pre-assembled insulation

Technical data

Rated voltage (V)

630 V (2 mm contacts)
250 V (1 mm contacts)

Rated impulse voltage

6 kV (2 mm contacts)
4 kV (1 mm contacts)

Rated current (A)

26 A (2 mm contacts)
7 A (1 mm contacts)

Degree of soiling

3

Contact resistance

< 4 mOhm

Contacts

Gold-plated brass

Number of contacts

3 + PE + 4

Termination methods

Crimp termination: 0.5 - 4.0 mm² (2 mm contacts)
Crimp termination: 0.14 - 1.0 mm² (1 mm contacts)



Material

Housing: nickel-plated zinc die-casting, nickel-plated brass
Insert: PA,
Seal: FPM



Protection rating

IP68 (10h / 1m)

Cycle of mechanical operation

500



Temperature range

-25 °C - +125 °C



VDE-tested

EPIC® LS1 F6 8 contacts

Certified production control: VDE-REG. no. 25

Article number	Article	Contacts included	Cable clamping range (mm)	Fastening type	Pin configuration	Pieces / PU
Type LS1 F6, 8-pin, for male contacts						
73000008	LS1 F6	8	8.5 - 11		3 + PE + 4	5
73000010	LS1 F6		8.5 - 11		3 + PE + 4	20
73000009	LS1 F6	8	10.5 - 15.5		3 + PE + 4	5
73000011	LS1 F6		10.5 - 15.5		3 + PE + 4	20
76134000	LS1 F6	8	7.5 - 15.5		3 + PE + 4	5
76134510	LS1 F6		7.5 - 15.5		3 + PE + 4	20
44420093	LS1 F6	8	14 - 17		3 + PE + 4	5
44420092	LS1 F6		14 - 17		3 + PE + 4	20
Type LS1 F7, 8-pin, for male contacts						
73000016	LS1 F7	8	8.5 - 11	Ø 3.2 mm (4x), M25 x 1.5 (with nut)	3 + PE + 4	5
73000017	LS1 F7	8	10.5 - 15.5	Ø 3.2 mm (4x), M25 x 1.5 (with nut)	3 + PE + 4	5
76144000	LS1 F7	8	7.5 - 15.5	Ø 3.2 mm (4x), M25 x 1.5 (with nut)	3 + PE + 4	5
76144510	LS1 F7		7.5 - 15.5	Ø 3.2 mm (4x), M25 x 1.5 (with nut)	3 + PE + 4	20

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® LS1 Contacts male



EPIC® LS1 Contacts female



Article number	Article designation	Version	For design	Pieces / PU
Male contacts				
74033001	LS1 A SCEM 1 mm AU 0.14 - 1.0 (10)	1 mm male 0.14 - 1.0 mm ²	LS1 A1, A3, G5	10
74033000	LS1 A SCEM 1 mm AU 0.14 - 1.0 (100)	1 mm male 0.14 - 1.0 mm ²	LS1 A1, A3, G5	100
74034001	LS1 F SCEM 1 mm AU 0.14 - 1.0 (10)	1 mm male 0.14 - 1.0 mm ²	LS1 F6, F7	10
74034000	LS1 F SCEM 1 mm AU 0.14 - 1.0 (100)	1 mm male 0.14 - 1.0 mm ²	LS1 F6, F7	100
74033101	LS1 A SCEM 2 mm AU 0.5 - 2.5 (10)	2 mm male 0.5 - 2.5 mm ²	LS1 A1, A3, G5	10
74033100	LS1 A SCEM 2 mm AU 0.5 - 2.5 (100)	2 mm male 0.5 - 2.5 mm ²	LS1 A1, A3, G5	100
74034101	LS1 F SCEM 2 mm AU 0.5 - 2.5 (10)	2 mm male 0.5 - 2.5 mm ²	LS1 F6, F7	10
74034100	LS1 F SCEM 2 mm AU 0.5 - 2.5 (100)	2 mm male 0.5 - 2.5 mm ²	LS1 F6, F7	100
44420103	LS1 F SCEM 2 mm AU 4,0 (100)	2 mm male 4.0 mm ²	LS1 F6, F7	100
Female contacts				
74020601	EPIC® M23 BCEMS 1 mm AU 0.14 - 1.0 (10)	1 mm female slot 0.14 - 1.0 mm ²	M23 inserts (not D-Sub), LS1 D6, A6	10
74200600	EPIC® M23 BCEMS 1 mm AU 0.14 - 1.0 (100)	1 mm female slot 0.14 - 1.0 mm ²	M23 inserts (not D-Sub), LS1 D6, A6	100
74034501	LS1 D BCEMS 1 mm AU 0.14 - 1.0 (10)	1 mm female hyperboloid 0.14 - 1.0 mm ²	M23 inserts (not D-Sub), LS1 D6, A6	10
74034500	LS1 D BCEMS 1 mm AU 0.14 - 1.0 (100)	1 mm female hyperboloid 0.14 - 1.0 mm ²	M23 inserts (not D-Sub), LS1 D6, A6	100
74034601	LS1 D BCEMD 2 mm AU 0.5 - 2.5 (10)	2 mm female hyperboloid 0.5 - 2.5 mm ²	LS1 D6, A6	10
74034600	LS1 D BCEMD 2 mm AU 0.5 - 2.5 (100)	2 mm female hyperboloid 0.5 - 2.5 mm ²	LS1 D6, A6	100
44420104	LS1 D BCEMD 2 mm AU 4,0 (10)	2 mm female hyperboloid 4 mm ²	LS1 D6	10
44420105	LS1 D BCEMD 2 mm AU 4,0 (100)	2 mm female hyperboloid 4 mm ²	LS1 D6	100
44429001	EPIC CIRCON BCBG 2MM 1.0-2.5 (3000) RE	2 mm female crimp	LS1 D6, A6	1

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® LS1 Tools



Article number	Article	Version	Pieces / PU
Tools			
11148000	Crimping tool	In tool case, without locator	1
11148001	4-mandrel digital crimping tool	In tool case, without locator	1
11148002	Crimping machine	Pneumatic for 5 - 10 bar, locator not included	1
11148300	Locator for EPIC® CIRCON		1
75017400	LS1 removal tool for 1 mm contacts	For housing type A, G	1
75017500	LS1 removal tool for 2 mm contacts	For housing type A, G	1

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® LS1 Accessories



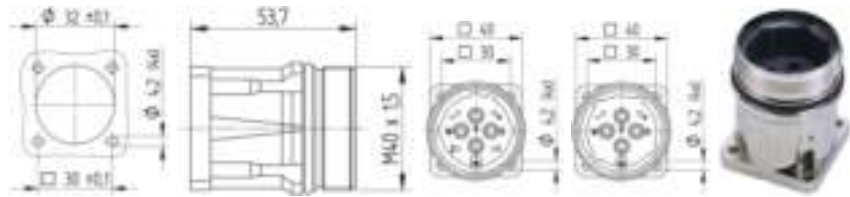
Article number	Article	Version	Pieces / PU
Accessories			
75018310	LS1 A, G, F protection cap, plastic cord with cable lug	Metal cap for A1, F6, F7, G5	20
75007810	M23-LS1 A, B, F, G protective cap	Plastic cap for A1, F6	20
75007710	M23-LS1 D protective cap	Plastic cap for D6, A6	20
75018010	M23 A, B, F, G protective cap, plastic cord with cable lug	Metal cap for A1, F6	20
75018110	M23 A protective cap, plastic cord with grommet	Metal cap for A1	20
55001310	SILVYN Adapter LS1/M25x1,5	For clamping range 8.5 - 11 mm and 10.5 - 15.5 mm	1

Photographs are not to scale and do not represent detailed images of the respective products.

New

EPIC® LS1.5 A1

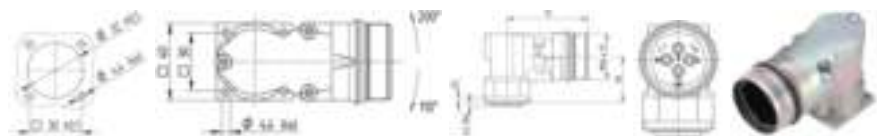
RoHS ✓



New

EPIC® LS1.5 A3

RoHS ✓



■ Suitable contacts:

- EPIC® LS1.5 Contacts male Page 626
- The contacts have to be ordered separately

■ Benefits

- The power connectors with the contact configurations of 3+PE+2 and 3+PE+4 are designed for use in servomotors and servo assemblies.
- Robust against mechanical impacts

■ Application range

- Plant engineering
- Servo drives and servo assemblies

■ Product features

EPIC® LS1.5 A1

- Panel-mount base, straight entry
- For male contacts crimp
- Housing with pre-assembled insulation

EPIC® LS1.5 A3

- Panel-mount base, angled, rotatable
- For male contacts crimp
- Housing with pre-assembled insulation

■ Suitable tools

- EPIC® LS1.5 Tools refer to page 626

■ Technical data

Rated voltage (V)

630 V (3.6 mm contacts)
250 V (2 mm contacts)

Rated impulse voltage

6 kV (3.6 mm contacts)
4 kV (2 mm contacts)

Rated current (A)

70 A (3.6-mm contacts) at 25 °C
30 A (2-mm contacts) at 25 °C

Degree of soiling

3

Contacts

Gold-plated brass

Number of contacts

3 + PE + 2
3 + PE + 4

Termination methods

Crimp termination: 0.75 - 10 mm² (3.6 mm contacts)
Crimp termination: 0.14 - 4.0 mm² (2 mm contacts)



Material

Housing: nickel-plated zinc die-casting, nickel-plated brass
Insert: PA,
Seal: FPM



Protection rating

IP67

Cycle of mechanical operation

50



Temperature range

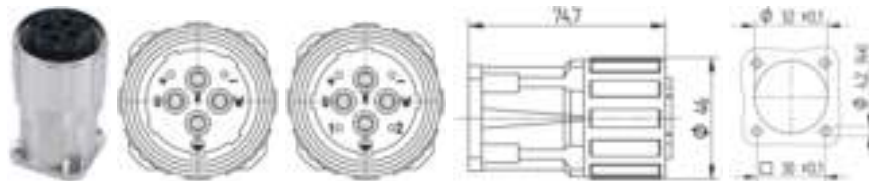
-20 °C to +125 °C

Article number	Article	Fastening type	Pin configuration	Pieces / PU
Type LS1.5 A1 for male contacts				
44429308	EPIC® LS1.5 A1	Ø 4.2 mm (4x)	3 + PE + 2	1
44429309	EPIC® LS1.5 A1	Ø 4.2 mm (4x)	3 + PE + 4	1
Type LS1.5 A3 for male contacts				
44429306	EPIC® LS1.5 A3	Ø 4.2 mm (4x)	3 + PE + 2	1
44429307	EPIC® LS1.5 A3	Ø 4.2 mm (4x)	3 + PE + 4	1

Photographs are not to scale and do not represent detailed images of the respective products.

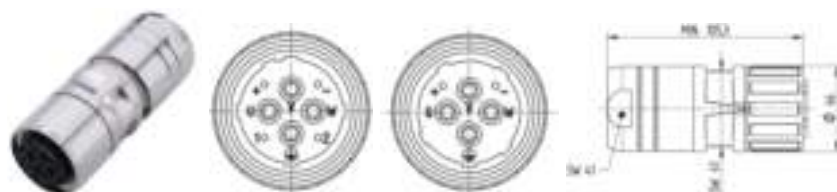
New

EPIC® LS1.5 A6



New

EPIC® LS1.5 D6



Info

- EMC protection

Suitable contacts:

- EPIC® LS1.5 Contacts female Page 626
- The contacts have to be ordered separately

Benefits

EPIC® LS1.5 A6

- The power connectors with the contact configurations of 3+PE+2 and 3+PE+4 are designed for use in servomotors and servo assemblies.
- Robust against mechanical impacts

EPIC® LS1.5 D6

- The power connectors with the contact configurations of 3+PE+2 and 3+PE+4 are designed for use in servomotors and servo assemblies.
- Faster, easier screen contact
- Robust against mechanical impacts

Application range

- Plant engineering
- Servo drives and servo assemblies

Product features

EPIC® LS1.5 A6

- Panel-mount base, straight entry
- For female contacts crimp
- Housing with pre-assembled insulation

EPIC® LS1.5 D6

- Cable connector
- For female contacts crimp
- Housing with pre-assembled insulation

Suitable tools

- EPIC® LS1.5 Tools refer to page 626

Technical data

Rated voltage (V)

630 V (3.6 mm contacts)
250 V (2 mm contacts)

Rated impulse voltage

6 kV (3.6 mm contacts)
4 kV (2 mm contacts)

Rated current (A)

70 A (3.6-mm contacts) at 25 °C
30 A (2-mm contacts) at 25 °C

Degree of soiling

3

Contacts

Gold-plated brass

Number of contacts

3 + PE + 2
3 + PE + 4

Termination methods

Crimp termination: 0.75 - 16 mm² (3.6 mm contacts)
Crimp termination: 0.14 - 4.0 mm² (2 mm contacts)



Material

Housing: nickel-plated zinc die-casting, nickel-plated brass
Insert: PA,
Seal: FPM



Protection rating

IP67

Cycle of mechanical operation

50



Temperature range

-20°C to +125°C

Article number	Article	Cable clamping range (mm)	Fastening type	Pin configuration	Pieces / PU
Type LS1.5 A6 for female contacts					
44429316	EPIC® LS1.5 A6		Ø 4.2 mm (4x)	3 + PE + 2	1
44429317	EPIC® LS1.5 A6		Ø 4.2 mm (4x)	3 + PE + 4	1
Type LS1.5 D6 for female contacts					
44429310	EPIC® LS1.5 D6	9 - 14		3 + PE + 2	1
44429311	EPIC® LS1.5 D6	14 - 20.5		3 + PE + 2	1
44429312	EPIC® LS1.5 D6	20.5 - 26.5		3 + PE + 2	1
44429313	EPIC® LS1.5 D6	9 - 14		3 + PE + 4	1
44429314	EPIC® LS1.5 D6	14 - 20.5		3 + PE + 4	1
44429315	EPIC® LS1.5 D6	20.5 - 26.5		3 + PE + 4	1

Photographs are not to scale and do not represent detailed images of the respective products.

New

EPIC® LS1.5 Contacts male



RoHS ✓

New

EPIC® LS1.5 Contacts female



RoHS ✓

New

EPIC® LS1.5 Tools



RoHS ✓

Suitable tools

EPIC® LS1.5 Contacts female

- Crimping tool for termination of 16 mm² wires are available upon request

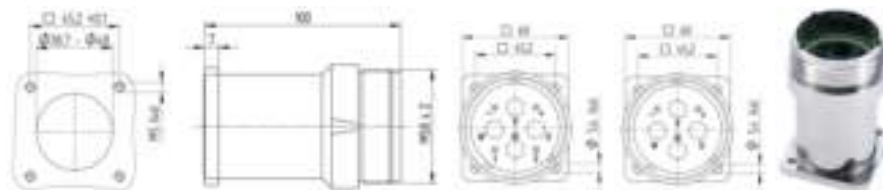
Article number	Article designation	Description	Version	For design	Pieces / PU
3.6 mm male contacts					
44429334	LS1.5 A SCEM 3,6MM AU 0,75-1,5		3.6 mm male 0.75 - 1.5	for type A1, A3	10
44429335	LS1.5 A SCEM 3,6MM AU 1,0-2,5		3.6 mm male 1.0 - 2.5 mm ²	for type A1, A3	10
44429336	LS1.5 A SCEM 3,6MM AU 1,0-4,0		3.6 mm male 1.0 - 4.0 mm ²	for type A1, A3	10
44429337	LS1.5 A SCEM 3,6MM AU 4,0-6,0		3.6 mm male 4.0 - 6.0 mm ²	for type A1, A3	10
44429338	LS1.5 A SCEM 3,6MM AU 6,0-10,0		3.6 mm male 6.0 - 10.0 mm ²	for type A1, A3	10
44429326	LS1.5 F SCEM 3,6MM AU 1,0-2,5		3.6 mm male 1.0 - 2.5 mm ²	for type F6	10
44429327	LS1.5 F SCEM 3,6MM AU 2,5-4,0		3.6 mm male 2.5 - 4.0 mm ²	for type F6	10
44429328	LS1.5 F SCEM 3,6MM AU 4,0-6,0		3.6 mm male 4.0 - 6.0 mm ²	for type F6	10
44429329	LS1.5 F SCEM 3,6MM AU 6,0-16,0		3.6 mm male 6.0 - 16.0 mm ²	for type F6	10
2 mm male contacts					
44429339	LS1.5 A SCEM 2MM AU 0,14-0,25		2 mm male 0.14 - 0.25 mm ²	for type A1, A3	10
44429340	LS1.5 A SCEM 2MM AU 0,25-1,0		2 mm male 0.25 - 1.0 mm ²	for type A1, A3	10
44429341	LS1.5 A SCEM 2MM AU 0,75-1,5		2 mm male 0.75 - 1.5 mm ²	for type A1, A3	10
44429342	LS1.5 A SCEM 2MM AU 1,0-2,5		2 mm male 1.0 - 2.5 mm ²	for type A1, A3	10
44429343	LS1.5 A SCEM 2MM AU 4,0		2 mm male 4.0 mm ²	for type A1, A3	10
44429330	LS1.5 F SCEM 2MM AU 0,25-1,0		2 mm male 0.25 - 1.0 mm ²	for type F6	10
44429331	LS1.5 F SCEM 2MM AU 0,75-1,5		2 mm male 0.75 - 1.5 mm ²	for type F6	10
44429332	LS1.5 F SCEM 2MM AU 1,0-2,5		2 mm male 1.0 - 2.5 mm ²	for type F6	10
44429333	LS1.5 F SCEM 2MM AU 4,0		2 mm male 4.0 mm ²	for type F6	10
3.6 mm female contacts					
44429318	LS1.5 D BCEM 3,6MM AU 1,0-2,5		3.6 mm female 1.0 - 2.5 mm ²	for type D6, A6	10
44429319	LS1.5 D BCEM 3,6MM AU 2,5-4,0		3.6 mm female 2.5 - 4.0 mm ²	for type D6, A6	10
44429320	LS1.5 D BCEM 3,6MM AU 4,0-6,0		3.6 mm female 4.0 - 6.0 mm ²	for type D6, A6	10
44429321	LS1.5 D BCEM 3,6MM AU 6,0-16,0		3.6 mm female 6.0 - 16.0 mm ²	for type D6, A6	10
2 mm female contacts					
44429322	LS1.5 D BCEM 2MM AU 0,25-1,0		2 mm female 0.25 - 1.0 mm ²	for type D6, A6	10
44429323	LS1.5 D BCEM 2MM AU 0,75-1,5		2 mm female 0.75 - 1.5 mm ²	for type D6, A6	10
44429324	LS1.5 D BCEM 2MM AU 1,0-2,5		2 mm female 1.0 - 2.5 mm ²	for type D6, A6	10
44429325	LS1.5 D BCEM 2MM AU 4,0		2 mm female 4.0 mm ²	for type D6, A6	10
Crimping tool					
44429367	LS1.5 CRIMPING TOOL 0.08 - 6.0	4-mandrel digital crimping tool including locator	0.14 - 6.0 mm ²	for LS1.5, LS3	1
44429368	LS1.5 CRIMPING TOOL 6.0 - 10.0	4-mandrel digital crimping tool including locator	6.0 - 10.0 mm ²	for LS1.5	1

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New

EPIC® LS3 A1

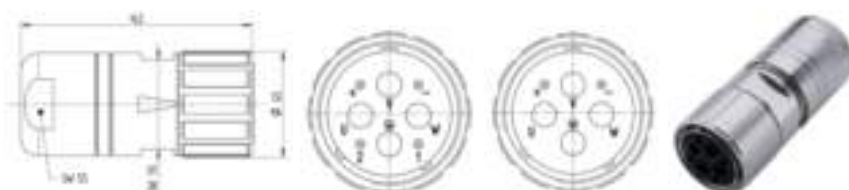
RoHS



New

EPIC® LS3 D6

RoHS



Suitable contacts:

EPIC® LS3 A1

- EPIC® LS3 Contacts male Page 629

EPIC® LS3 D6

- EPIC® LS3 Contacts female Page 629
- The contacts have to be ordered separately

Benefits

- The power connectors with the contact configurations of 3+PE+2 and 3+PE+4 are designed for use in servomotors and servo assemblies.
- Robust against mechanical impacts
- EMC protection

Application range

- Plant engineering
- Servo drives and servo assemblies

Product features

EPIC® LS3 A1

- Panel-mount base, straight entry
- For male contacts crimp
- Housing with pre-assembled insulation

EPIC® LS3 D6

- Cable connector
- For female contacts crimp
- Housing with pre-assembled insulation

Suitable tools

- EPIC® LS3 Tools refer to page 629

Technical data

Rated voltage (V)

630 V (10 mm contacts)
250 V (1.6 mm contacts)

Rated impulse voltage

6 kV (10 mm contacts)
4 kV (1.6 mm contacts)

Rated current (A)

150 A (10-mm contacts) at 25 °C
12 A (1.6-mm contacts) at 25 °C

Degree of soiling

3

Contacts

Silver-plated brass
Gold-plated brass

Number of contacts

3 + PE + 2
3 + PE + 4

Termination methods

Crimp termination 10 - 50 mm² (10 mm contacts)
Crimp termination 0.75 - 1.5 mm² (1.6 mm contacts)



Material

Housing: anodised aluminium
Insert: PA
Seal: FPM



Protection rating

IP 67

Cycle of mechanical operation

50



Temperature range

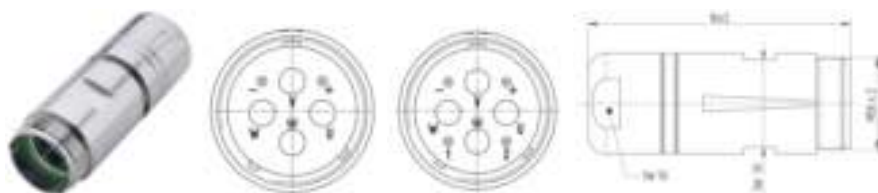
-20 °C - +120 °C

Article number	Article	Cable clamping range (mm)	Fastening type	Pin configuration	Pieces / PU
Type LS3 A1 for male contacts					
44429352	LS3 A1		Ø 4.2 mm (4x)	3 + PE + 2	1
44429353	LS3 A1		Ø 4.2 mm (4x)	3 + PE + 4	1
Type LS3 D6 for female contacts					
44429344	LS3 D6	17 - 25		3 + PE + 2	1
44429345	LS3 D6	25 - 36		3 + PE + 2	1
44429346	LS3 D6	17 - 25		3 + PE + 4	1
44429347	LS3 D6	25 - 36		3 + PE + 4	1

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New

EPIC® LS3 F6



RoHS ✓

■ Suitable contacts:

- EPIC® LS3 Contacts male Page 629
- The contacts have to be ordered separately

■ Benefits

- The power connectors with the contact configurations of 3+PE+2 and 3+PE+4 are designed for use in servomotors and servo assemblies.
- Robust against mechanical impacts
- EMC protection

■ Application range

- Plant engineering
- Servo drives and servo assemblies

■ Product features

- Cable coupler
- For male contacts crimp
- Housing with pre-assembled insulation

■ Suitable tools

- EPIC® LS3 Tools refer to page 629

■ Technical data

Rated voltage (V)

630 V (10 mm contacts)
250 V (1.6 mm contacts)

Rated impulse voltage

6 kV (10 mm contacts)
4 kV (1.6 mm contacts)

Rated current (A)

150 A (10-mm contacts) at 25 °C
12 A (1.6-mm contacts) at 25 °C

Degree of soiling

3

Contacts

Silver-plated brass
Gold-plated brass

Number of contacts

3 + PE + 2
3 + PE + 4

Termination methods

Crimp termination 10 - 50 mm² (10 mm contacts)
Crimp termination 0.75 - 1.5 mm² (1.6 mm contacts)



Material

Housing: anodised aluminium
Insert: PA
Seal: FPM



Protection rating

IP 67

Cycle of mechanical operation

50



Temperature range

-20°C - +120°C

Article number	Article	Cable clamping range (mm)	Pin configuration	Pieces / PU
Type LS3 F6 for male contacts				
44429348	LS3 F6	17 - 25	3 + PE + 2	1
44429349	LS3 F6	25 - 36	3 + PE + 2	1
44429350	LS3 F6	17 - 25	3 + PE + 4	1
44429351	LS3 F6	25 - 36	3 + PE + 4	1

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New

EPIC® LS3 Contacts male

RoHS ✓



New

EPIC® LS3 Contacts female

RoHS ✓



New

EPIC® LS3 Tools

RoHS ✓



Article number	Article designation	Description	Version	For design	Pieces / PU
EPIC® LS3 male contacts					
44429360	LS3 A, F SCEM 10MM AG 10		10 mm male 10 mm ²	for type A1, F6	4
44429361	LS3 A, F SCEM 10MM AG 16		10 mm male 16 mm ²	for type A1, F6	4
44429362	LS3 A, F SCEM 10MM AG 25		10 mm male 25 mm ²	for type A1, F6	4
44429363	LS3 A, F SCEM 10MM AG 35		10 mm male 35 mm ²	for type A1, F6	4
44429364	LS3 A, F SCEM 10MM AG 50		10 mm male 50 mm ²	for type A1, F6	4
44429365	LS3 A, F SCEM 1.6MM AU 0.75-1.5		1.6 mm male 0.75 - 1.5 mm ²	for type A1, F6	4
EPIC® LS3 female contacts					
44429354	LS3 D BCEM 10MM AG 10		10 mm female 10 mm ²	for type D6	4
44429355	LS3 D BCEM 10MM AG 16		10 mm female 16 mm ²	for type D6	4
44429356	LS3 D BCEM 10MM AG 25		10 mm female 25 mm ²	for type D6	4
44429357	LS3 D BCEM 10MM AG 35		10 mm female 50 mm ²	for type D6	4
44429358	LS3 D BCEM 10MM AG 50		10 mm female 50 mm ²	for type D6	4
44429359	LS3 D BCEM 1.6MM AU 0.75-1.5		1.6 mm female 0.75 - 1.5 mm ²	for type D6	4
Crimping tool					
44429366	LS3 crimping tool 10.0 - 50.0	Electro-hydraulic crimping tool includes charging device, accumulator and crimping dies for 10 - 50 mm ²	10.0 - 50.0 mm ²	for LS3	1
44429367	LS1.5 CRIMPING TOOL 0.08 - 6.0	4-mandrel digital crimping tool including locator	0.14 - 6.0 mm ²	for LS1.5, LS3	1

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® LS1 Kits 6pole



Article number	Pieces / PU
75009690	1

Article numbers for single components

- LS1 D6 76123000 (Page 616)

EPIC KIT LS1 D6 6-POL FEMALE



- Pin configuration 5+PE, for female contacts 2 mm Ø
- Machined crimp contacts 0.5 - 2.5 mm² are included
- D6 cable connector, clamping range 7.5 - 15.5 mm



Article number	Pieces / PU
75009691	1

Article numbers for single components

- LS1 A1 76003000 (Page 614)

EPIC KIT LS1 A1 6-POL MALE



- Pin configuration 5+PE, for male contacts 2 mm Ø
- Machined crimp contacts 0.5 - 2.5 mm² are included
- A1 panel-mount box, front wall mounting



Article number	Pieces / PU
75009692	1

Article numbers for single components

- LS1 A3 44420058 (Page 614)

EPIC KIT LS1 A3 6-POL MALE



- Pin configuration 5+PE, for male contacts 2 mm Ø
- Machined crimp contacts 0.5 - 2.5 mm² are included
- A3 panel-mount box, angled and rotatable, front wall mounting



Article number	Pieces / PU
75009693	1

Article numbers for single components

- LS1 F6 76133000 (Page 617)

EPIC KIT LS1 F6 6-POL MALE



- Pin configuration 5+PE, for male contacts 2 mm Ø
- Machined crimp contacts 0.5 - 2.5 mm² are included
- F6 cable coupler, clamping range 7.5 - 15.5 mm



Info

- Complete connectors - easy to order

Benefits

- Pre-packed kits with compatible components
- Uncomplicated ordering
- No misplaced orders

Technical data

Rated voltage (V)
630 V (2 mm contacts)
Rated current (A)
26 A (2 mm contacts)
Number of contacts
5 + PE

EPIC KIT LS1 D6 8-POL FEMALE



- Pin configuration 3+PE+4, for female contacts 2 mm Ø + 1 mm Ø
- Machined crimp contacts 0.5 - 2.5 mm² and 0.14 - 1.0 mm² are included
- D6 cable connector, clamping range 7.5 - 15.5 mm

Article number	Pieces / PU
75009694	1

Article numbers for single components

- LS1 D6 76124000 (Page 620)

EPIC KIT LS1 A1 8-POL MALE



- Pin configuration 3+PE+4, for male contacts 2 mm Ø + 1 mm Ø
- Machined crimp contacts 0.5 - 2.5 mm² and 0.14 - 1.0 mm² are included
- A1 panel-mount box, front wall mounting

Article number	Pieces / PU
75009695	1

Article numbers for single components

- LS1 A1 76004000 (Page 618)

EPIC KIT LS1 A3 8-POL MALE



- Pin configuration 3+PE+4, for male contacts 2 mm Ø + 1 mm Ø
- Machined crimp contacts 0.5 - 2.5 mm² and 0.14 - 1.0 mm² are included
- A3 panel-mount box, angled and rotatable, front wall mounting

Article number	Pieces / PU
75009696	1

Article numbers for single components

- LS1 A3 44420056 (Page 618)

EPIC KIT LS1 F6 8-POL MALE



- Pin configuration 3+PE+4, for male contacts 2 mm Ø + 1 mm Ø
- Machined crimp contacts 0.5 - 2.5 mm² and 0.14 - 1.0 mm² are included
- F6 cable coupler, clamping range 7.5 - 15.5 mm

Article number	Pieces / PU
75009697	1

Article numbers for single components

- LS1 F6 76134000 (Page 621)



Info

- Complete connectors - easy to order

Benefits

- Uncomplicated ordering
- No misplaced orders
- Pre-packed kits with compatible components

Technical data

Rated voltage (V)
630 V (2 mm contacts)
250 V (1 mm contacts)

Rated current (A)
26 A (2 mm contacts)
7 A (1 mm contacts)

Number of contacts
3 + PE + 4

EPIC® LS1 Kits 8pole



New

EPIC® POWERLOCK A1 C



New

EPIC® POWERLOCK A6 C



Info

- Connector for unscreened single-core power cables

Suitable contacts:

- EPIC® POWERLOCK Crimp contacts Page 635
- Housing without contact, order contact separately

Benefits

- Resistant to mechanical influences in harsh environmental conditions
- Connectors in harmonised colours according to European standards
- Every colour has a different coding to prevent incorrect plugging
- USA colour-codes are available upon request

Application range

- For renewable energy plants e.g. wind power
- For mobile and stationary power distribution
- For the connection of motors, transformers and generators
- Light & sound technology

Product features

- Panel-mount base, straight entry
- Contact fixing by contact retention pin, each pin can only be used once
- Housing without contact, order contact separately

Technical data

Rated voltage (V)
1000 V

Rated impulse voltage
8 kV

Rated current (A)
Max. crimp 660 A

Degree of soiling
3

Contacts
Crimp termination: copper, silver-plated

Number of contacts
1

Termination methods
Crimp termination: 35 - 240 mm²



Material
Housing: PBT
Contact retention pin: PA



Protection rating
IP 67 (maximum, dependant on cable gland used)
IP 20 (unmated)

Cycle of mechanical operation
500



Temperature range
-25°C - +125°C

Article number	Article	Fastening type	Pin configuration	Pieces / PU
Type POWERLOCK A1, panel-mount box, drain for contact with M12 threaded post				
44420221	POWERLOCK A1 PE/GN	Ø 5.5 mm (4x)	PE, Green	1
44420222	POWERLOCK A1 N/BL	Ø 5.5 mm (4x)	N, Blue	1
44420223	POWERLOCK A1 L1/BN	Ø 5.5 mm (4x)	L1, Brown	1
44420224	POWERLOCK A1 L2/BK	Ø 5.5 mm (4x)	L2, Black	1
44420225	POWERLOCK A1 L3/GY	Ø 5.5 mm (4x)	L3, Grey	1
L1/red for direct current applications in conjunction with L2/black				
44420316	POWERLOCK A1 L1/RD	Ø 5.5 mm (4x)	L1, Red	1
Type POWERLOCK A6, panel-mount box, source for contact with M12 threaded post				
44420226	POWERLOCK A6 PE/GN	Ø 5.5 mm (4x)	PE, Green	1
44420227	POWERLOCK A6 N/BL	Ø 5.5 mm (4x)	N, Blue	1
44420228	POWERLOCK A6 L1/BN	Ø 5.5 mm (4x)	L1, Brown	1
44420229	POWERLOCK A6 L2/BK	Ø 5.5 mm (4x)	L2, Black	1
44420230	POWERLOCK A6 L3/GY	Ø 5.5 mm (4x)	L3, Grey	1
L1/red for direct current applications in conjunction with L2/black				
44420317	POWERLOCK A6 L1/RD	Ø 5.5 mm (4x)	L1, Red	1

Photographs are not to scale and do not represent detailed images of the respective products.

New

EPIC® POWERLOCK D6 C



New

EPIC® POWERLOCK F6 C



Info

- Connector for unscreened single-core power cables

Suitable contacts:

- EPIC® POWERLOCK Crimp contacts Page 635
- Housing without contact, order contact separately

Benefits

- Resistant to mechanical influences in harsh environmental conditions
- Connectors in harmonised colours according to European standards
- Every colour has a different coding to prevent incorrect plugging
- USA colour-codes are available upon request

Application range

- For renewable energy plants e.g. wind power
- For mobile and stationary power distribution
- For the connection of motors, transformers and generators
- Light & sound technology

Product features

- Straight connector with M40 thread
- Order SKINTOP® ST-M 40 or STR-M 40 separately
- Contact fixing by contact retention pin, each pin can only be used once
- Housing without contact, order contact separately

Technical data

Rated voltage (V)
1000 V

Rated impulse voltage
8 kV

Rated current (A)
Max. crimp 660 A

Degree of soiling
3

Contacts
Crimp termination: copper, silver-plated

Number of contacts
1

Termination methods
Crimp termination: 35 - 240 mm²



Material
Housing: PBT
Contact retention pin: PA



Protection rating
IP 67 (maximum, dependant on cable gland used)
IP 20 (unmated)

Cycle of mechanical operation
500



Temperature range
-25°C - +125°C

Article number	Article	M	Pin configuration	Pieces / PU
Type POWERLOCK D6, cable connector, source for crimp contact				
44420216	POWERLOCK D6 PE/GN	40	PE, Green	1
44420217	POWERLOCK D6 N/BL	40	N, Blue	1
44420218	POWERLOCK D6 L1/BN	40	L1, Brown	1
44420219	POWERLOCK D6 L2/BK	40	L2, Black	1
44420220	POWERLOCK D6 L3/GY	40	L3, Grey	1
L1/red for direct current applications in conjunction with L2/black				
44420319	POWERLOCK A1 L1/RD	40	L1, Red	1
Type POWERLOCK F6, coupling connector, drain for crimp contact				
44420211	POWERLOCK F6 PE/GN	40	PE, Green	1
44420212	POWERLOCK F6 N/BL	40	N, Blue	1
44420213	POWERLOCK F6 L1/BN	40	L1, Brown	1
44420214	POWERLOCK F6 L2/BK	40	L2, Black	1
44420215	POWERLOCK F6 L3/GY	40	L3, Grey	1
L1/red for direct current applications in conjunction with L2/black				
44420318	POWERLOCK F6 L1/RD	40	L1, Red	1

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINTOP® ST-M refer to page 652

EPIC® POWERLOCK BOX C



Info

- Can be locked to prevent unauthorised disconnection

Benefits

- Guarantees the correct sequence is followed when connecting and disconnecting a set of connectors (PE, N, L1, L2, L3)
- Every colour has a different coding to prevent incorrect plugging
- IP 20 finger-protected
- Integrated micro-switch that can be connected to circuit breaker or alarm circuit
- For connecting to standard EPIC® POWERLOCK connectors

Application range

- Alternative energy installations
- For mobile and stationary power distribution
- For the connection of motors, transformers and generators
- Light & sound technology

Housings

- Sealed security lid is optional

Product features

- Included: Contacts with M12 threaded post
- Cable connector for microswitch optional
- 19" housing with height unit 2HE/2U

Technical data

Rated voltage (V)
1000 V

Rated current (A)
Max. crimp 660 A

Degree of soiling
3

Contacts
Crimp termination: copper, silver-plated

Number of contacts
4 + PE

Termination methods
Crimp termination: 35 - 240 mm²



Protection rating
IP 65 (latched)

Cycle of mechanical operation
500



Temperature range
-25°C - +85°C

Article number	Article	Fastening type	Pin configuration	Pieces / PU
POWERLOCK BOX A1, panel-mount base, drain with M12 threaded post				
44420288	POWERLOCK BOX A1 C	Ø 6.5 mm (4x)	4+PE	1
POWERLOCK BOX A1, panel-mount base with cover, drain with M12 threaded post				
44420289	POWERLOCK BOX A1 CD	Ø 6.5 mm (4x)	4+PE	1
POWERLOCK BOX A6, panel-mount base, source with M12 threaded post				
44420284	POWERLOCK BOX A6 C	Ø 6.5 mm (4x)	4+PE	1
POWERLOCK BOX A6, panel-mount base with cover, source with M12 threaded post				
44420285	POWERLOCK BOX A6 CD	Ø 6.5 mm (4x)	4+PE	1

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® POWERLOCK Crimp contacts



Info

- Max. crimp 660 A
- Do not plug with screw-type (400 A)

Article number	Article designation	Version	PU
Drain - contact with M12 threaded post, for type POWERLOCK A1 C			
44420260	POWERLOCK SP M12	Contact Drain, M12 Thread for cable lugs	1
Source - contact with M12 threaded post for type POWERLOCK A6 C			
44420261	POWERLOCK QP M12	Lamella contact source, M12 thread for cable lug	1
Source - crimp contact for type POWERLOCK D6 C			
44420291	POWERLOCK QCM 50	50 mm ²	1
44420292	POWERLOCK QCM 70	70 mm ²	1
44420236	POWERLOCK QCM 95	95 mm ²	1
44420238	POWERLOCK QCM 120	120 mm ²	1
44420257	POWERLOCK QCM 150	150 mm ²	1
44420239	POWERLOCK QCM 185	185 mm ²	1
44420240	POWERLOCK QCM 240	240 mm ²	1
Drain - Crimp contact, for type POWERLOCK F6 C			
44420294	POWERLOCK SCM 50	50 mm ²	1
44420295	POWERLOCK SCM 70	70 mm ²	1
44420231	POWERLOCK SCM 95	95 mm ²	1
44420233	POWERLOCK SCM 120	120 mm ²	1
44420256	POWERLOCK SCM 150	150 mm ²	1
44420234	POWERLOCK SCM 185	185 mm ²	1
44420235	POWERLOCK SCM 240	240 mm ²	1

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® POWERLOCK Tools



Article number	Article	Version	PU
Tools			
44420243	POWERLOCK DISCONNECTION TOOL	for mated connection	1

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® POWERLOCK Accessories



Article number	Article	For design	Version	PU
Protective caps				
44420252	POWERLOCK PROTECTION CAP A1	for type A1	IP54	1
44420253	POWERLOCK PROTECTION CAP A6	for type A6	IP54	1
44420251	POWERLOCK PROTECTION CAP D6	for type D6	IP54	1
44420250	POWERLOCK PROTECTION CAP F6	for type F6	IP54	1
Spare contact retention pin				
44420259	POWERLOCK RETENTION PIN A1, A6	for type A1, A6		1
44420255	POWERLOCK RETENTION PIN D6	for type D6		1
44420254	POWERLOCK RETENTION PIN F6	for type F6		1

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® POWERLOCK A1 S



EPIC® POWERLOCK A6 S



Info

- Connector for unscreened single-core power cables

Suitable contacts:

- EPIC® POWERLOCK Screw Contacts Page 639
- Housing without contact, order contact separately

Benefits

- Resistant to mechanical influences in harsh environmental conditions
- Connectors in harmonised colours according to European standards
- Every colour has a different coding to prevent incorrect plugging
- USA colour-codes are available upon request

Application range

- For renewable energy plants e.g. wind power
- For mobile and stationary power distribution
- For the connection of motors, transformers and generators
- Light & sound technology

Product features

- Panel-mount base, straight entry
- Contact fixing by contact retention pin, each pin can only be used once
- Housing without contact, order contact separately

Technical data

Rated voltage (V)
1000 V

Rated impulse voltage
8 kV

Rated current (A)
Screw max. 400 A

Degree of soiling
3

Contacts
Screw termination: silver-plated brass

Number of contacts
1

Termination methods
Screw termination: 50 - 120 mm²



Material
Housing: PBT
Contact retention pin: PA



Protection rating
IP 67 (maximum, dependant on cable gland used)
IP 20 (unmated)

Cycle of mechanical operation
500



Temperature range
-25°C - +125°C

Article number	Article	Fastening type	Pin configuration	Pieces / PU
Type POWERLOCK A1, panel-mount box, drain for contact with M 12 threaded post				
44420272	POWERLOCK A1 PE/GN	Ø 5.5 mm (4x)	PE, Green	1
44420273	POWERLOCK A1 N/BL	Ø 5.5 mm (4x)	N, Blue	1
44420274	POWERLOCK A1 L1/BN	Ø 5.5 mm (4x)	L1, Brown	1
44420275	POWERLOCK A1 L2/BK	Ø 5.5 mm (4x)	L2, Black	1
44420276	POWERLOCK A1 L3/GY	Ø 5.5 mm (4x)	L3, Grey	1
L1/red for direct current applications in conjunction with L2/black				
44420320	POWERLOCK A1 L1/RD	Ø 5.5 mm (4x)	L1, Red	1
Type POWERLOCK A6, panel-mount box, source for contact with M 12 threaded post				
44420277	POWERLOCK A6 PE/GN	Ø 5.5 mm (4x)	PE, Green	1
44420278	POWERLOCK A6 N/BL	Ø 5.5 mm (4x)	N, Blue	1
44420279	POWERLOCK A6 L1/BN	Ø 5.5 mm (4x)	L1, Brown	1
44420280	POWERLOCK A6 L2/BK	Ø 5.5 mm (4x)	L2, Black	1
44420281	POWERLOCK A6 L3/GY	Ø 5.5 mm (4x)	L3, Grey	1
POWERLOCK A6 L1/RD				
44420321	POWERLOCK A6 L1/BN	Ø 5.5 mm (4x)	L1, Red	1

Photographs are not to scale and do not represent detailed images of the respective products.



Info

- Connector for unscreened single-core power cables

Suitable contacts:

- EPIC® POWERLOCK Screw Contacts Page 639
- Housing without contact, order contact separately

Benefits

- Resistant to mechanical influences in harsh environmental conditions
- Connectors in harmonised colours according to European standards
- Every colour has a different coding to prevent incorrect plugging
- USA colour-codes are available upon request

Application range

- For renewable energy plants e.g. wind power
- For mobile and stationary power distribution
- For the connection of motors, transformers and generators
- Light & sound technology

Product features

- Straight connector with M40 thread
- Order SKINTOP® ST-M 40 or STR-M 40 separately
- Contact fixing by contact retention pin, each pin can only be used once
- Housing without contact, order contact separately

Technical data

Rated voltage (V)
1000 V

Rated impulse voltage
8 kV

Rated current (A)
Screw max. 400 A

Degree of soiling
3

Contacts
Screw termination: silver-plated brass

Number of contacts
1

Termination methods
Screw termination: 50 - 120 mm²



Material
Housing: PBT
Contact retention pin: PA



Protection rating
IP 67 (maximum, dependant on cable gland used)
IP 20 (unmated)

Cycle of mechanical operation
500



Temperature range
-25°C - +125°C

Article number	Article	M	Pin configuration	Pieces / PU
Type POWERLOCK D6, cable connector, source for screw contact				
44420267	POWERLOCK D6 PE/GN	40	PE, Green	1
44420268	POWERLOCK D6 N/BL	40	N, Blue	1
44420269	POWERLOCK D6 L1/BN	40	L1, Brown	1
44420270	POWERLOCK D6 L2/BK	40	L2, Black	1
44420271	POWERLOCK D6 L3/GY	40	L3, Grey	1
L1/red for direct current applications in conjunction with L2/black				
44420305	POWERLOCK D6 L1/BN	40	L1, Red	1
Type POWERLOCK F6, coupling connector, drain for screw contact				
44420262	POWERLOCK F6 PE/GN	40	PE, Green	1
44420263	POWERLOCK F6 N/BL	40	N, Blue	1
44420264	POWERLOCK F6 L1/BN	40	L1, Brown	1
44420265	POWERLOCK F6 L2/BK	40	L2, Black	1
44420266	POWERLOCK F6 L3/GY	40	L3, Grey	1
L1/red for direct current applications in conjunction with L2/black				
44420301	POWERLOCK F6 L1/RD	40	L1, Red	1

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

- SKINTOP® ST-M refer to page 652

EPIC® POWERLOCK BOX S



Info

- Can be locked to prevent unauthorised disconnection

Benefits

- Guarantees the correct sequence is followed when connecting and disconnecting a set of connectors (PE, N, L1, L2, L3)
- Every colour has a different coding to prevent incorrect plugging
- IP 20 finger-protected
- Integrated micro-switch that can be connected to circuit breaker or alarm circuit
- For connecting to standard EPIC® POWERLOCK connectors

Application range

- Alternative energy installations
- For mobile and stationary power distribution
- For the connection of motors, transformers and generators
- Light & sound technology

Housings

- Sealed security lid is optional

Product features

- Included: Contacts with M12 threaded post
- Cable connector for microswitch optional
- 19" housing with height unit 2HE/2U

Technical data

Rated voltage (V)
1000 V

Rated current (A)
Screw max. 400 A

Degree of soiling
3

Contacts
Screw termination: silver-plated brass

Number of contacts
4 + PE

Termination methods
Screw termination: 50 - 120 mm²



Protection rating
IP 67

Cycle of mechanical operation
500



Temperature range
-20°C - +85°C

Article number	Article	Fastening type	Pin configuration	Pieces / PU
POWERLOCK BOX A1, panel-mount base, drain with M12 threaded post				
44420282	POWERLOCK BOX A1 S	Ø 6.5 mm (4x)	4+PE	1
POWERLOCK BOX A1, panel-mount base with cover, drain with M12 threaded post				
44420283	POWERLOCK BOX A1 SD	Ø 6.5 mm (4x)	4+PE	1
POWERLOCK BOX A6, panel-mount base, source with M12 threaded post				
44420286	POWERLOCK BOX A6 S	Ø 6.5 mm (4x)	4+PE	1
POWERLOCK BOX A6, panel-mount base with cover, source with M12 threaded post				
44420287	POWERLOCK BOX A6 SD	Ø 6.5 mm (4x)	4+PE	1

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® POWERLOCK Screw Contacts



Info

- Screw max. 400 A
- Do not plug with crimp-type (660 A)

Article number	Article designation	Version	For design	PU
Drain - contact with M 12 threaded post for type POWERLOCK A1 S				
44420241	POWERLOCK SP M12	Contact Drain, M12 Thread for cable lugs	for type A1	1
Source - contact with M 12 threaded post for type POWERLOCK A6 S				
44420242	POWERLOCK QP M12	Lamella contact source, M12 thread for cable lug	for type A6	1
Source - screw contact for type POWERLOCK D6 S				
44420237	POWERLOCK QS 120	120 mm²	for type D6	1
Drain - screw contact for type POWERLOCK F6 S				
44420232	POWERLOCK SS 120	120 mm²	for type F6	1

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® POWERLOCK Tools



Article number	Article	Version	PU
Tools			
44420243	POWERLOCK DISCONNECTION TOOL	for mated connection	1

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® POWERLOCK Accessories



Article number	Article	For design	Version	PU
Protective caps				
44420252	POWERLOCK PROTECTION CAP A1	for type A1	IP54	1
44420253	POWERLOCK PROTECTION CAP A6	for type A6	IP54	1
44420251	POWERLOCK PROTECTION CAP D6	for type D6	IP54	1
44420250	POWERLOCK PROTECTION CAP F6	for type F6	IP54	1
Spare contact retention pin				
44420259	POWERLOCK RETENTION PIN A1, A6	for type A1, A6		1
44420255	POWERLOCK RETENTION PIN D6	for type D6		1
44420254	POWERLOCK RETENTION PIN F6	for type F6		1
Wire end sleeve for POWERLOCK screw contact				
44420244	POWERLOCK WIRE SLEEVE 120	Replacement for screw contact POWERLOCK 120 SS/BS	120mm²	1
44420245	POWERLOCK WIRE SLEEVE 95	Reduction for screw contact POWERLOCK 120 SS/BS	95mm²	1
44420246	POWERLOCK WIRE SLEEVE 70	Reduction for screw contact POWERLOCK 120 SS/BS	70mm²	1
44420247	POWERLOCK WIRE SLEEVE 50	Reduction for screw contact POWERLOCK 120 SS/BS	50mm²	1

Photographs are not to scale and do not represent detailed images of the respective products.

New

EPIC® SOLAR 4 Thin M pre-assembled



RoHS



Info

- 4 mm connector system with double hook
- Non-resistant cable connection

New

EPIC® SOLAR 4 THIN F pre-assembled



RoHS



Info

- 4 mm connector system with double hook
- Non-resistant cable connection

Benefits

- Non-resistant cable connection for efficient power transmission
- Innovative, patent-pending contact system, current leaves the connection cool
- High reliability and durability due to welded connections
- Extra-thin 12 mm for high packing density

Product features

- 4 mm connector system with double hook
- Pre-assembled with 100 % automatic control
- Wide range of conductor cross-sections from 1.5 mm² to 6 mm²
- EPIC® SOLAR 4 Thin is not compatible with EPIC® SOLAR
- UL pending

Application range

- Pre-assembled connection cables for weatherproof cabling of photovoltaic systems

Technical data

Rated voltage (V)

1000 V AC/DC

Rated impulse voltage

8 kV

Degree of soiling

3

Contact resistance

< 0.2 mOhm



Protection rating

IP68 (10h / 1m)

Protection class

II

Cycle of mechanical operation

100



Temperature range

-40 °C to +105 °C

Article number	Article designation	Cross-section (mm ²)	Rated current (A)	Length (m)	Copper index (kg/km)	Pieces / PU
EPIC® SOLAR 4 THIN male with cable ÖLFLEX® SOLAR XLR						
44428100	EPIC® SOLAR 4 THIN M XLR TF 1.5mm ² 1m	1.5	17.0	1.0	14.4	100
44428101	EPIC® SOLAR 4 THIN M XLR TF 2.5 mm ² 1 m	2.5	21.0	1.0	24.0	100
44428102	EPIC® SOLAR 4 THIN M XLR TF 4mm ² 1m	4	25.0	1.0	38.4	100
44428103	EPIC® SOLAR 4 THIN M XLR 6mm ² 1m	6	30.0	1.0	57.6	100
EPIC® SOLAR 4 THIN male with cable ÖLFLEX® SOLAR XL multi						
44428108	EPIC® SOLAR 4 THIN M XL multi 2.5 mm ² 1 m	2.5	21.0	1.0	24.0	100
44428109	EPIC® SOLAR 4 THIN M XL multi 4mm ² 1m	4	25.0	1.0	38.4	100
44428110	EPIC® SOLAR 4 THIN M XL multi 6mm ² 1m	6	30.0	1.0	57.6	100
EPIC® SOLAR 4 THIN female with cable ÖLFLEX® SOLAR XLR						
44428104	EPIC® SOLAR 4 THIN F XLR TF 1.5 mm ² 1 m	1.5	17.0	1.0	14.4	100
44428105	EPIC® SOLAR 4 THIN F XLR TF 2.5 mm ² 1 m	2.5	21.0	1.0	24.0	100
44428106	EPIC® SOLAR 4 THIN F XLR TF 4mm ² 1m	4	25.0	1.0	38.4	100
44428107	EPIC® SOLAR 4 THIN F XLR 6mm ² 1m	6	30.0	1.0	57.6	100
EPIC® SOLAR 4 THIN female with cable ÖLFLEX® SOLAR XL multi						
44428111	EPIC® SOLAR 4 THIN F XL multi 2.5 mm ² 1 m	2.5	21.0	1.0	24.0	100
44428112	EPIC® SOLAR 4 THIN F XL multi 4mm ² 1m	4	25.0	1.0	38.4	100
44428113	EPIC® SOLAR 4 THIN F XL multi 6mm ² 1m	6	30.0	1.0	57.6	100

Copper price basis: EUR 150/100kg. Refer to Appendix T17 for the definition and calculation of copper-related surcharges.

Other lengths and cable terminations are available upon request.

Photographs are not to scale and do not represent detailed images of the respective products.

EPIC® SOLAR Module Box



EPIC® SOLAR Module Box with cables



■ Benefits

- Junction boxes for weatherproof cabling of photovoltaic systems

■ Application range

- The Module Box is bonded to the rear of the solar modules. The ribbon bands are terminated in the Module Box
- For further cabling, pre-assembled solar cables such as the EPIC® SOLAR 4 THIN are terminated at the module box

■ Product features

EPIC® SOLAR Module Box

- Rugged junction boxes for cabling the solar modules with solar cables such as ÖLFLEX® SOLAR
- Dimensions (WxHxD): 118 x 28.5 x 109 mm
- Housing material: PPO/PPS
- UL: pending

EPIC® SOLAR Module Box with cables

- These junction boxes are available with pre-assembled EPIC® SOLAR 4 THIN cables in various cross-sections
- Dimensions (WxHxD): 118 x 28.5 x 109 mm
- Cable length: 1 m
- UL: pending

■ Technical data

Rated voltage (V)
1000 V AC/DC

Rated current (A)
8 A

Contact resistance
< 5 mOhm

Contacts
Copper alloy, tinned

Number of contacts
2

Termination methods
Terminal clamp for ribbon bands: up to 7 mm wide (folded 10 mm)
Plug-in connection for solar cables with Multi-lam plug Ø 3 mm

IP **Protection rating**
IP 65

Protection class
II

Temperature range
-40 °C ... +85 °C

Cable clamping range
EPIC® SOLAR Module Box
Ø 3,7 mm - 7,1 mm

Article number	Article designation	Connection type	Cross-section (mm²)	Cable clamping range (mm)	Length (m)	Pieces / PU
EPIC® SOLAR Module Box						
44428043	EPIC® SOLAR ST200 3D	Equipped with 3 bypass diodes	max. 6	3,7 - 7,1		100
44428044	EPIC® SOLAR ST200 6D	Equipped with 6 bypass diodes	max. 6	3,7 - 7,1		100
EPIC® SOLAR module box with cable and plug EPIC® SOLAR 4 THIN						
44428062	EPIC® SOLAR ST200 4 THIN XLR TF 4mm² 1m	Pre-assembled with solar cables	4		1.0	100
44428063	EPIC® SOLAR ST200 4 THIN XLR 6mm² 1m	Pre-assembled with solar cables	6		1.0	100

Other designs and lengths are available upon request.

Photographs are not to scale and do not represent detailed images of the respective products.

