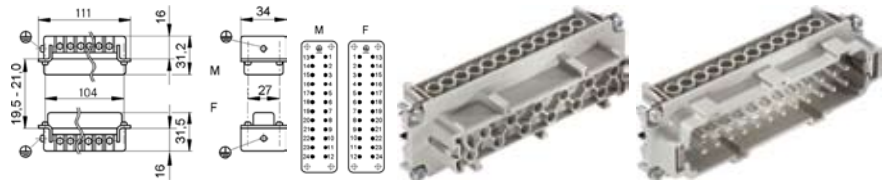




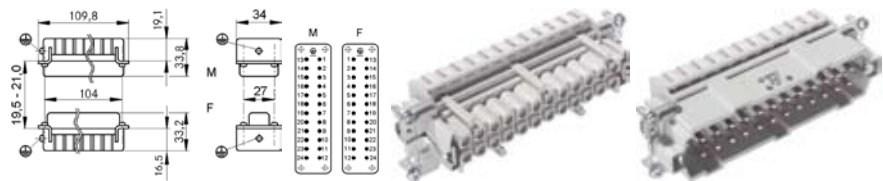
EPIC® H-BE 24 Screw termination



EPIC® H-BE 24 Crimp termination



EPIC® H-BE 24 Cage clamp



Suitable housing:

- EPIC® H-B 24 Housings page 552
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

Suitable contacts:

EPIC® H-BE 24 Crimp termination

- EPIC® H-BE 2,5 machined contacts page 487

Benefits

- Standard inserts with screw, crimp and cage clamp termination
- The EPIC® H-BE series are suitable in applications that require a reliable connection working with high voltages and current

Application range

- Mechanical engineering
- Light & Sound technology
- Plastics industry

Suitable tools

EPIC® H-BE 24 Screw termination

- MULTICRIMP 6 crimping pliers see page 919
- Kraftform® adjustable torque screwdriver/ Kraftform Kompakt® Set see page 982
- Recommended crimping tool when conductor end sleeves are used MULTICRIMP 6

Technical data

Rated voltage in V

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

Rated impulse Voltage

6 kV

Rated current in A

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

Pollution degree

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 mm<sup>2</sup>

EPIC® H-BE 24 Crimp termination

Crimp termination: 0.5 - 4.0 mm<sup>2</sup>

EPIC® H-BE 24 Cage clamp

Cage clamp termination: 0.5 - 2.5 mm<sup>2</sup>

Cycle of mechanical operation

100

Range of temperature

-40 °C - +100 °C, temporary up to +125 °C

VDE tested

EPIC® H-BE 24 Screw termination

VDE-REG.-No. 437

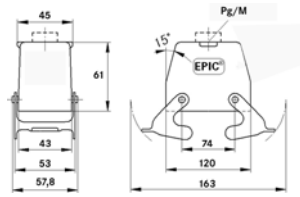
EPIC® H-BE 24 Crimp termination

VDE-REG.-No. 437

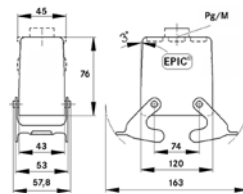


Part number	Part	Version	Wire protection	Article designation	Contacts	Pieces / PU
<b>H-BE 24 screw termination</b>						
10196000	H-BE 24 SS	male	yes		1 - 24	5
10197000	H-BE 24 BS	female	yes		1 - 24	5
10196100	H-BE 24 SS	male			1 - 24	5
10197100	H-BE 24 BS	female			1 - 24	5
<b>H-BE 24 crimp termination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

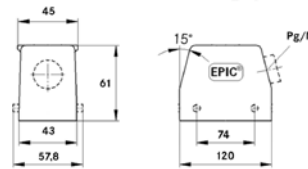
**EPIC® H-B 24 TGB**



**EPIC® H-B 24 TGBH**



**EPIC® H-B 24 TS**



**Benefits**

- Ideal for many applications. Wide range of housings and inserts available

**Application range**

- Plant engineering
- Light & Sound technology
- Plastics industry

**Product features**

**EPIC® H-B 24 TGB**

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

**EPIC® H-B 24 TGBH**

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

**EPIC® H-B 24 TS**

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

**Suitable inserts**

- EPIC® H-BVE 10 page 472
- EPIC® H-DD 108 page 460
- EPIC® H-EE 46 page 469
- EPIC® MCR 24 page 481
- EPIC® H-D 64 machined page 458
- EPIC® H-D 64 stamped page 458
- EPIC® H-BE 24 Screw termination page 465
- EPIC® H-BE 24 Crimp termination page 465
- EPIC® H-BE 24 Cage clamp page 465
- Additional support for selection of inserts and housings, please refer to the Selection Table A10

**Technical data**

- Material**  
Housing: aluminium alloy powder-coated grey  
Lever: steel, zinc-plated  
Sealing: NBR
- Degree of protection**  
IP 65 (latched)
- Range of temperature**  
-40°C - +100°C, temporary up to +125°C

Part number	Part	M	PG	Neck	Pieces / PU
<b>H-B housing: Hood (straight cable entry, double lever)</b>					
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
<b>H-B housing: Hood (straight cable entry, double lever, high version)</b>					
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
<b>H-B housing: Hood (side cable entry, bolts for double lever)</b>					
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

**Accessories**

- SKINTOP® MS-M see page 650
- SKINTOP® for industrial connector see page 653
- SKINTOP® MS see page 710

**New**

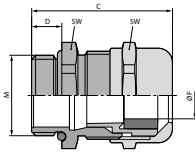
**SKINTOP® MS-M / SKINTOP® MSR-M**



SKINTOP® MS-M



SKINTOP® MSR-M



**Info**

- Sizes SKINTOP® MS-M 75x1,5 to 110x2 with innovative double lamella gasket for easier assembling of cables with large diameters.
- Now with IP 69 K approval! Proven functionality also during hardest cleaning procedures at industrial machinery with high-pressure cleaners and hot water!

**Benefits**

**SKINTOP® MS-M**

- Maximum reliability
- Optimal strain relief
- Large, variable clamping ranges
- For cable diameters up to 98 mm

**SKINTOP® MSR-M**

- Benefits see SKINTOP® MS-M

**Application range**

**SKINTOP® MS-M**

- In areas with high demands on special mechanical and chemical stability.
- Chemical industry
- Measurement and control technology
- Machine and apparatus construction
- Plant engineering

**SKINTOP® MSR-M**

- With reducing seal insert, to seal cables with smaller outer diameters.

**Approvals (Norm references)**



**Design**

- Metric connection thread acc. to EN 50262

**Note**

- Counter nut to be used SKINDICHT® SM-M
- For suitable accessories see SKINTOP® metric accessories

**Suitable cables**

**SKINTOP® MS-M**

- For IP 69 K applications we recommend to use the following cables:  
ÖLFLEX® ROBUST 200  
H07RN8-F

**Technical data**



**Caution**

Installation dimensions and tightening torques see Appendix T21



**Approvals**

IP 69 K approval for size M75x1,5 pending  
UL, CSA, DNV, VDE, IP 69 K approval for size M90x2 to M110x2 pending



**Material**

Body: Nickel plated brass  
Insert: Polyamide  
Seal: CR  
O-ring: NBR



**Degree of protection**

IP 68  
IP 69 K



**Range of temperature**

-30°C up to +100°C

Part number	Part designation / size	Clamping range ØF mm	SW mm	Overall length C mm	Thread length D mm	Pieces / PU
<b>SKINTOP® MS-M</b>						
53112000	12 x 1,5	3-7	16	26,5	6,5	100
53112010	16 x 1,5	4,5-10	20	32,0	7,0	100
53112020	20 x 1,5	7-13	24	35,5	8,0	50
53112030	25 x 1,5	9-17	29	37,5	8,0	25
53112040	32 x 1,5	11-21	36	42,2	9,0	25
53112050	40 x 1,5	19-28	45	49,5	9,0	10
53112060	50 x 1,5	27-35	54	52,0	10,0	5
53112070	63 x 1,5	34-45	67	61,3	15,0	5
53112080	63 x 1,5 plus	44-55	75	65,5	15,0	5
53112510	75 x 1,5	58-68	95	105,0	15,0	1
53112512	90 x 2	66-78	115	136,0	20,0	1
53112514	110 x 2	86-98	135	154,0	25,0	1
<b>SKINTOP® MSR-M</b>						
53112100	12 x 1,5	1-5	16	26,5	6,5	100
53112110	16 x 1,5	2-7	20	32,0	7,0	100
53112120	20 x 1,5	5-10	24	35,5	8,0	50
53112130	25 x 1,5	6-13	29	37,5	8,0	25
53112140	32 x 1,5	7-15	36	42,2	9,0	25
53112150	40 x 1,5	15-23	45	49,5	9,0	10
53112160	50 x 1,5	22-29	54	52,0	10,0	5
53112170	63 x 1,5	28-39	67	61,3	15,0	5
53112511	75 x 1,5	53-63	95	105,0	15,0	1
53112515	110 x 2	76-88	135	154,0	25,0	1

**Accessories**

**SKINTOP® MS-M**

- SKINDICHT® SM-M see page 687
- SKINTOP® DIX-M see page 662
- SKINTOP® DIX-M AUTOMATION see page 663
- SKINTOP® SDV-M ATEX see page 664
- SKINTOP® SD-M see page 665
- SKINTOP® DV-M see page 665

**SKINTOP® MSR-M**

- SKINDICHT® SM-M see page 687
- SKINTOP® SDVR-M ATEX see page 664
- SKINTOP® SD-M see page 665