

EPIC® H-B 16 Housings

Housing style H-B. The industry standard.



H-B 16 TGB

Suitable inserts:

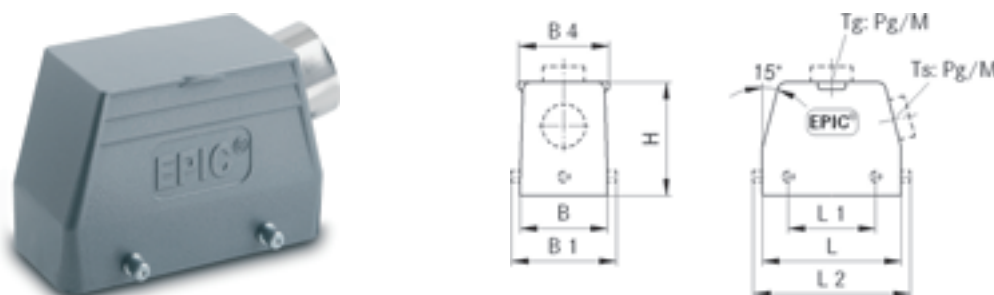
- EPIC® H-BS 6 see page 452
- EPIC® H-BVE 6 see page 454
- EPIC® H-DD 72 see page 441
- EPIC® H-EE 32 see page 450
- EPIC® MCR 16 see page 462
- EPIC® H-D 40 see page 439
- EPIC® H-BE 16 Screw termination see page 445
- EPIC® H-BE 16 Crimp termination see page 445
- EPIC® H-BE 16 Cage clamp see page 445



H-B 16 TGBH



H-B 16 TS



Part number	Part	PG	M	ZW	L	L1	B	B1	B2	H	s
H-B housing: Hood (straight cable entry, double lever)											
10081000	H-B 16 TGB 21	21		yes	93,3	47,5	43	57,8	53	61	136,5
19081000	H-B 16 TGB M25		25		93,3	47,5	43	57,8	53	61	136,5
H-B housing: Hood (straight cable entry, double lever, high version)											
70105200	H-B 16TGBH 21	21		yes	93,3	47,5	43	57,8	53	76	136,5
70105400	H-B 16TGBH 29	29		yes	93,3	47,5	43	57,8	53	76	136,5
79105200	H-B 16TGBH M25		25		93,3	47,5	43	57,8	53	76	136,5
79105400	H-B 16TGBH M32		32		93,3	47,5	43	57,8	53	76	136,5
H-B housing: Hood (side cable entry, bolts for double lever)											
10082000	H-B 16 TS 21	21		yes	93,3	47,5	43	57,8		61	
10092000	H-B 16 TS 29	29		yes	93,3	47,5	43	57,8		61	
19082000	H-B 16 TS M25		25	yes	93,3	47,5	43	57,8		61	
19092000	H-B 16 TS M32		32	yes	93,3	47,5	43	57,8		61	

EPIC® H-B 16 Housings

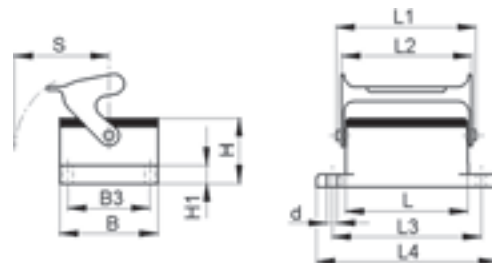
Housing style H-B. The industry standard.



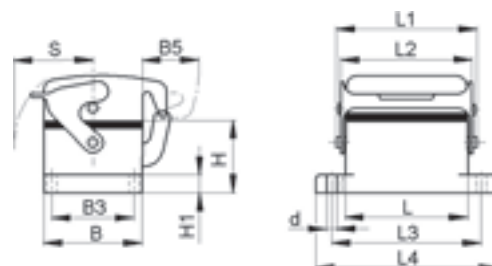
H-B 16 AG-LB

Suitable inserts:

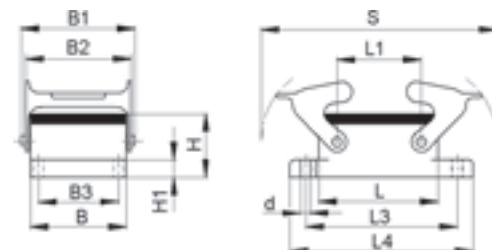
- EPIC® H-BS 6 see page 452
- EPIC® H-BVE 6 see page 454
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H-B 16 AD-LB



H-B 16 AG



Part number	Part	L	L1	I2	L3	L4	B	B1	B2	B3	B5	H	H1	s	d
	H-B housing: Panel mount base (single lever)														
10072900	H-B 16 AG-LB	93,3	111	109,5	103	113	43			32		27,8	4	50	4,3
	H-B housing: Panel mount base (cover, single lever)														
10073900	H-B 16 AD-LB	93,3	111	109,5	103	113	43			32	25	27,8	4	50	4,3
	H-B housing: Panel mount base (double lever)														
10072000	H-B 16 AG	93,3	47,5		103	113	43	57,8	53	32		27,8	4	136,5	4,3

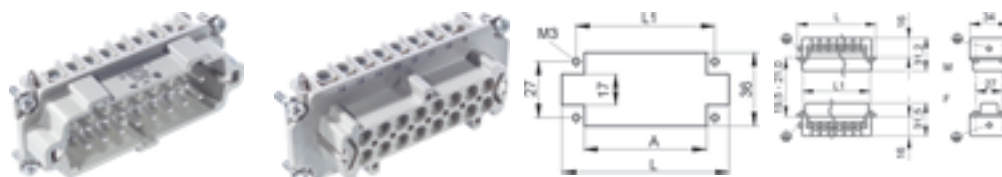
The standard inserts with screw termination, crimp termination and cage clamp termination



H-BE 16 screw termination

The characteristic qualities of the proven EPIC® H-BE series are their suitability for applications with high voltages and current as well as their high reliability.

Ranges of application:
From machine building to control cabinet manufacturing, Light & Sound, polymer engineering



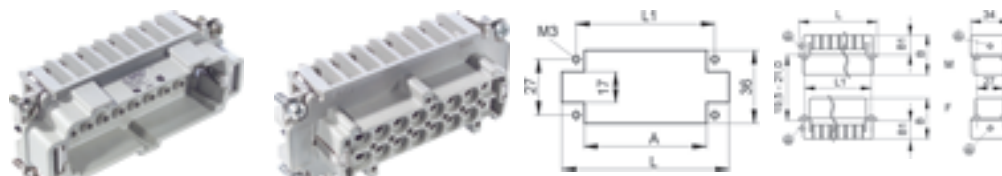
Suitable housing:

EPIC® H-B 16 Housings see page 499

H-BE 16 crimp termination

Suitable housing:

EPIC® H-B 16 Housings see page 499



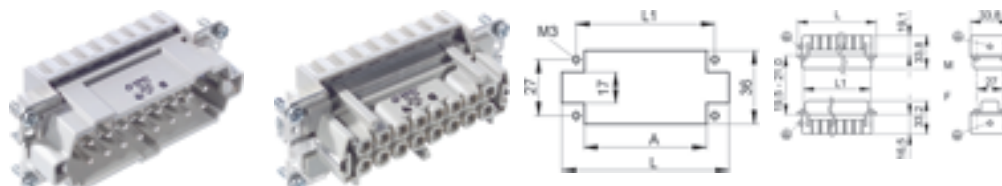
Suitable contacts:

EPIC® H-BE 2,5 machined contacts see page 466

H-BE 16 cage clamp

Suitable housing:

EPIC® H-B 16 Housings see page 499



Technical Data

Rated voltage
IEC: 500 V
UL: 600 V
CSA: 600 V

Rated impulse Voltage
6 kV

Rated current
IEC: 16 A
UL: 16 A
CSA: 16 A

Pollution degree
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

Numbers 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

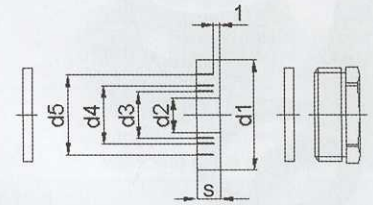
Range of temperature
-40°C - +100°C, temporary up to +125°C

Part number	Part	Version	Type	Wire protection	Contacts	L	L1	A	B	B1
H-BE 16 screw termination										
10194000	H-BE 16 SS	male		yes	1 - 16	84,5	77,5	71		
10195000	H-BE 16 BS	female		yes	1 - 16	84,5	77,5	71		
10194100	H-BE 16 SS	male			1 - 16	84,5	77,5	71		
10195100	H-BE 16 BS	female			1 - 16	84,5	77,5	71		
H-BE 16 crimp termination										
10184000	H-BE 16 SCM	male	machined		1 - 16	84,5	77,5	71	33	18
10185000	H-BE 16 BCM	female	machined		1 - 16	84,5	77,5	71	34	18
H-BE 16 cage clamp termination										
10400200	H-BE 16 SF	male			1 - 16	83,3	77,5	71	-	-
10401200	H-BE 16 BF	female			1 - 16	83,3	77,5	71	-	-

VDE approval is not valid for applications using the cage clamp termination

5.1 EPIC® CERTOSA M & PG

Kabelverschraubungen PG / Cable glands PG thread / Presse-étoupes pas PG



EPIC® SP

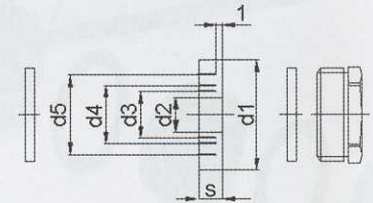
Art.Nr. part No. N° art.	PG	d1	d2	Kabel Ø cable Ø câble Ø	d3	Kabel Ø cable Ø câble Ø	d4	Kabel Ø cable Ø câble Ø	d5	Kabel Ø cable Ø câble Ø	s	SW mm opening of the spanner ouverture de clef	VPE packing unit conditionnement
12957100	11	16,5	7,5	6,5-8,5	10	9-11	12,5	11,5-12			6	19	10
12957200	13,5	18,3	7,5	6,5-8,5	10	9-11	12,5	11,5-13,5			6	21	10
12957300	16	20,4	7,5	6,5-8,5	10	9-11	12,5	11,5-13,5	15	14,9-16	7	23	10
12957400	21	25,9	10	9-11	13	12-14	16	15-17	19	18-20	8	30	10

Material / material / matière: Polystyrol

Schutzart / protection class / degré de protection: IP 54 (DIN 46320)

Temperaturbereich / temperature range / gamme de température: -20 °C bis +55 °C

5



EPIC® SM

Art.Nr. part No. N° art.	PG	d1	d2	Kabel Ø cable Ø câble Ø	d3	Kabel Ø cable Ø câble Ø	d4	Kabel Ø cable Ø câble Ø	d5	Kabel Ø cable Ø câble Ø	s	SW mm opening of the spanner ouverture de clef	VPE packing unit conditionnement
12954100	9	13,3	5	4-6	7,5	6,5-8,5	10	9-10			5,5	15	25
12954200	11	16,5	7,5	6,5-8,5	10	9-11	12,5	11,5-12			6	18	5
12954300	13,5	18,3	7,5	6,5-8,5	10	9-11	12,5	11,5-13,5			6	20	5
12954400	16	20,4	7,5	6,5-8,5	10	9-11	12,5	11,5-13,5	15	14-16	7	22	5
12954500	21	25,9	10	9-11	13	12-14	16	15-17	19	18-20	8	28	5
12954600	29	34,7	18	17-19	21	20-22	24	23-25	27	26-28	9,5	37	5
12954700	36	44,7	24	23-25	27	26-28	30	29-31	33	32-34	12	47	5
12954800	42	51,7	30	29-31	33	32-34	36	35-37	39	38-40	14	54	5

Material / material / matière: Metall, Messing vernickelt / metal, brass, nickel plated / métallique, laiton nickelage

Schutzart / protection class / degré de protection: IP 54 (DIN 46320)

Temperaturbereich / temperature range / gamme de température: -40 °C bis +80 °C