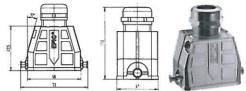
### LAPP GROUP

#### **EPIC® Industrial connectors**

Rectangular connectors EPIC<sup>®</sup> ULTRA H-B 6

# IC" ÖLFLEX"

## EPIC<sup>®</sup> ULTRA H-B 6 TG LB



## New

New

## EPIC® ULTRA H-B 6 TS LB

Technical data

Material

Sealing: NBR

Cable gland

Insert: PA

IP IP65





Housing: zinc die cast nickel plated

Lever and bolts: stainless steel

Body: Nickel plated brass

Seal: special elastomer Degree of protection

Range of temperature

-40°C up to +100°C

#### Product features

- The hoods and surface mount base come with integrated SKINTOP® cable gland
- Housings with addition BRUSH come with BRUSH cable screen contacting
- Mateable with standard housings
  Corrosion resistant according to
- Corrosion resistant according to DIN EN 6988

#### Suitable inserts

- EPIC<sup>®</sup> H-BE 6 Screw termination
- EPIC<sup>®</sup> H-DD 24
- EPIC<sup>®</sup> H-EE 10
- EPIC® MCR 6
- EPIC<sup>®</sup> H-BE 6 Crimp termination
- EPIC® H-BE 6 Cage clamp
- Additional support for selection of inserts and housings, please refer to the Main Catalogue 2010/11 Selection Table A10

Part number	Part	Cable clamping range	Minimum Ø above braiding in mm	Pieces / PU
I-B housing: Hood	d (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
I-B housing: Hood	d (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

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EMC protection

EMC protection
 Corrosion resistant

- Corrosion resistant
- SKINTOP® cable gland integrated

SKINTOP<sup>®</sup> cable gland integrated

#### Benefits

**RoHS** 

**RoHS** 

- Optimal, low-resistance 360° screening
- All-purpose due to high corrosion resistance and a high environmental protection
- Space saving because of compact dimensions
- Faster than any other comparable system
- For higher mechanical stress

#### Application range

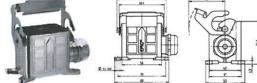
- In EMC critical environments
- For fixed and flexible applications in the field of machinery building and wind power plant engineering
- Construction machinery
- Drives

## **EPIC®** Industrial connectors

**Rectangular connectors** EPIC® ULTRA H-B 6

New

EPIC® ULTRA H-B 6 AG LB New EPIC® ULTRA H-B 6 SGR LB



#### Benefits

- Optimal, low-resistance 360° screening All-purpose due to high corrosion resistance
- and a high environmental protection · Space saving because of compact dimen-
- sions
- Faster than any other comparable system
- · For higher mechanical stress

#### Application range

- In EMC critical environments
- · For fixed and flexible applications in the field of machinery building and wind power plant engineering
- Construction machinery
- Drives

#### Product features

- The hoods and surface mount base come with integrated SKINTOP® cable gland
- · Housings with addition BRUSH come with BRUSH cable screen contacting
- Mateable with standard housings
- · Corrosion resistant according to **DIN EN 6988**

#### Suitable inserts

- EPIC<sup>®</sup> H-BE 6 Screw termination
- EPIC® H-DD 24
- EPIC<sup>®</sup> H-EE 10
- EPIC<sup>®</sup> MCR 6
- EPIC<sup>®</sup> H-BE 6 Crimp termination
- EPIC<sup>®</sup> H-BE 6 Cage clamp
- · Additional support for selection of inserts and housings, please refer to the Main Catalogue 2010/11 Selection Table A10

Part number	Part	Cable clamping range	Minimum Ø above braiding in mm	Pieces / PU
-B housing: Pane	I mount base (single lever)			
70250206	ULTRA H-B 6 AG LB			1
I-B housing: Surfa	ace 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	LILTRA H-B 6 SGR LB 9-17 BRUSH	9 - 17	6	

### **RoHS** Info **EMC** protection • Corrosion resistant SKINTOP<sup>®</sup> cable gland integrated

**RoHS** 

A	Info	
• Co	MC protection prosion resistant KINTOP® cable gland integrated	
Te	chnical data	
	Material Housing: zinc die cast nickel plated Lever and bolts: stainless steel Sealing: NBR Cable gland Body: Nickel plated brass Insert: PA Seal: special elastomer	
IP ⁰‡	Degree of protection IP65 Range of temperature -40°C up to +100°C	

ACCESSORIES

16

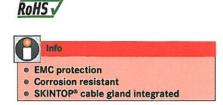
EPIC® ULTRA H-B 10 TS QB

Rectangular connectors EPIC<sup>®</sup> ULTRA H-B 10

New

New

# NIC\*\* ÖLFLEX\*



## RoHS 🗸

### Info

#### EMC protection

- Corrosion resistant
- SKINTOP<sup>®</sup> cable gland integrated

#### Benefits

- Optimal, low-resistance 360° screening
- All-purpose due to high corrosion resistance and a high environmental protection
- Space saving because of compact dimensions
- Faster than any other comparable system
- For higher mechanical stress

#### Application range

- In EMC critical environments
  For fixed and flexible applications in the field of machinery building and wind power plant engineering
- Construction machinery
- Drives

#### Product features

 The hoods and surface mount base come with integrated SKINTOP<sup>®</sup> cable gland

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 Housings with addition BRUSH come with BRUSH cable screen contacting

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 Mateable with standard housings
 Corrosion resistant according to DIN EN 6988

#### Suitable inserts

- EPIC® H-BVE 3
- EPIC<sup>®</sup> H-DD 42
- EPIC<sup>®</sup> H-EE 18
- EPIC<sup>®</sup> MCR 10
- EPIC® H-BE 10 Screw termination
- EPIC<sup>®</sup> H-BE 10 Crimp termination
- EPIC<sup>®</sup> H-BE 10 Cage clamp
- Additional support for selection of inserts and housings, please refer to the Main Catalogue 2010/11 Selection Table A10



EPIC® ULTRA H-B 10 AG QB

Housing: zinc die cast nickel plated Lever and bolts: stainless steel Sealing: NBR Cable gland Body: Nickel plated brass Insert: PA Seal: special elastomer Degree of protection IP65 - 40°C up to +100°C

art number	Part	Cable clamping range	Minimum Ø above braiding in mm	Pieces / PU
-B housing: Hoo	d (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 OB 11-21 BRUSH	11 - 21	8	1
I-B housing: Pan	el mount base (double lever)			
70250213	ULTRA H-B 10 AG QB		and the state of the second second second second second	1

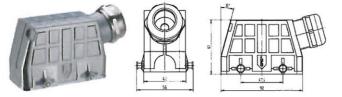
#### **EPIC®** Industrial connectors

**Rectangular connectors** 

EPIC® ULTRA H-B 16

New

## EPIC® ULTRA H-B 16 TS QB



New

## EPIC® ULTRA H-B 16 AG QB





- Optimal, low-resistance 360° screening
- All-purpose due to high corrosion resistance and a high environmental protection
- · Space saving because of compact dimensions
- · Faster than any other comparable system
- · For higher mechanical stress

#### Application range

- Construction machinery
- In EMC critical environments
- · For fixed and flexible applications in the field of machinery building and wind power plant engineering
- Drives

#### Product features

• The hoods and surface mount base come with integrated SKINTOP® cable gland

B 11-21 BRUSH

- · Housings with addition BRUSH come with BRUSH cable screen contacting
- Mateable with standard housings
- · Corrosion resistant according to **DIN EN 6988**

#### Suitable inserts

- EPIC<sup>®</sup> H-BS 6
- EPIC<sup>®</sup> H-BVE 6
- EPIC<sup>®</sup> H-DD 72
- EPIC<sup>®</sup> H-EE 32
- EPIC<sup>®</sup> MCR 16
- EPIC<sup>®</sup> H-D 40 machined
- EPIC<sup>®</sup> H-D 40 stamped
- EPIC<sup>®</sup> H-BE 16 Screw termination
- EPIC<sup>®</sup> H-BE 16 Crimp termination
- EPIC<sup>®</sup> H-BE 16 Cage clamp

Cable clamping range

7 - 15

11 - 21

11 - 21

· Additional support for selection of inserts and housings, please refer to the Main Catalogue 2010/11 Selection Table A10

Minimum Ø above braiding in mm

RoH.	5 🗸
2	Info
• EI	MC protection
• C	orrosion resistant KINTOP® cable gland integrated

SKINTOP<sup>®</sup> cable gland integrated

**RoHS** 

**EMC** protection Corrosion resistant

	Material
$\square$	Housing: zinc die cast nickel plated
1	Lever and bolts: stainless steel
	Sealing: NBR
	Cable gland
	Body: Nickel plated brass
	Insert: PA
	Seal: special elastomer
IP	Degree of protection
1	Range of temperature -40°C up to +100°C
the second se	

Pieces / PU

Part number	Part
I-B housing: Hoo	d (side cable entry, bolts for dou
70250214	ULTRA H-B 16 TS OB 7-15
70250215	ULTRA H-B 16 TS QB 11-21
70250216	ULTRA H-B 16 TS QB 11-21 BR
I-B housing: Pan	el mount base (double lever)
70250217	ULTRA H-B 16 AG QB

**ETHERLINE**<sup>®</sup>



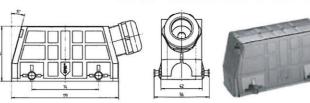
**Rectangular connectors** EPIC® ULTRA H-B 24

New

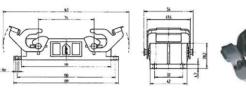
New

## EPIC<sup>®</sup> ULTRA H-B 24 TS QB





## EPIC<sup>®</sup> ULTRA H-B 24 AG QB





Housing: zinc die cast nickel plated

Lever and bolts: stainless steel

Cable gland Body: Nickel plated brass

#### Benefits

**EMC** protection

Corrosion resistant

**RoHS** 

Optimal, low-resistance 360° screening

SKINTOP<sup>®</sup> cable gland integrated

- · All-purpose due to high corrosion resistance and a high environmental protection
- · Space saving because of compact dimensions
- Faster than any other comparable system
- · For higher mechanical stress

#### Application range

- In EMC critical environments
- · For fixed and flexible applications in the field of machinery building and wind power plant engineering
- Construction machinery
- Drives

Part numbe

70250222

#### Product features

The hood with inte

ULTRA H-B 24 AG QB

- · Housings with addition BRUSH come with BRUSH cable screen contacting
- Mateable with standard housings Corrosion resistant according to
- **DIN EN 6988**

#### Suitable inserts

- EPIC<sup>®</sup> H-BVE 10
- EPIC<sup>®</sup> H-DD 108
- EPIC<sup>®</sup> H-EE 46
- EPIC<sup>®</sup> MCR 24
- EPIC<sup>®</sup> H-D 64 mad
- EPIC<sup>®</sup> H-D 64 star
- EPIC® H-BE 24 Sci
- EPIC<sup>®</sup> H-BE 24 Crimp te
- EPIC<sup>®</sup> H-BE 24 Cage clamp
- Additional support for selection of inserts and housings, please refer to the Main Catalogue

	and surface mount base come ated SKINTOP® cable gland	2010/11 Selection Table /	A10	
Part number	Part	Cable clamping range	Minimum Ø above braiding in mm	Pieces / PU
B housing: Ho	od (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 OB 11-21 BRUSH	11 - 21	8	1

	ocal apecial clastoffici
	IP Degree of protection
	Range of temperature
	-40°C up to +100°C
chined	
mped	
crew termination	
imp termination	

Technical data

Material

Sealing: NBR

Insert: PA

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ACCESSORIES

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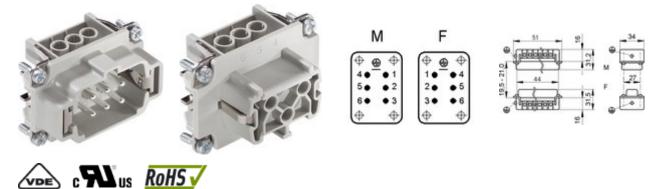


Valid: 07.02.2012

Standard inserts with screw termination, crimp termination and cage clamp termination

#### **Product Description**

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

#### **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

## **Product Information**



EPIC® H-BE 6 Screw termination

Page 2 of 2

Valid: 07.02.2012

#### **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 Contact resistance < 2 mOhm Contacts Copper alloy, hard silver-plated Number of contacts 6 + PE Termination methods Screw termination: 0.5 - 2.5 mm<sup>2</sup> 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 Degree of soiling 3

#### Article List

Part number	Article	Version	Wire protection	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		

#### Footnote:

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