


|                           |                                    |   |
|---------------------------|------------------------------------|---|
| 10190100                  | <b>DATA SHEET</b>                  |  |
| Valid from:<br>17.09.2018 | <b>EPIC® H-BE 6 SS / H-BE 6 BS</b> |   |

## Description

- Standard inserts with screw termination, crimp termination, cage clamp termination and Push-In termination
- The EPIC® H-BE series is suitable for applications that require a reliable connection when working with high voltages and currents
- Use for railway applications -Brand protection in rail vehicles: test according to EN 45545-2. Requirement sentences R22 and R23. Hazard levels HL1, HL2 and HL3.
- UL tested for applications in the control cabinet in accordance with UL 508 / UL 2237



## General Characteristics

|                     |  |
|---------------------|--|
| Series              | H-BE 6                                       |
| Version             | Male/Female(Article 10191100)                |
| Wire Protection     | No   |
| Number of Contacts  | 6 + PE                                       |
| Termination Methods | Screw termination: 0.5 - 2.5 mm <sup>2</sup> |
| Temperature Range   | -40°C to +100°C, short-term up to +125°C     |

## Mechanical Characteristics

|                               |     |
|-------------------------------|-----|
| Cycle of mechanical operation | 500 |
|-------------------------------|-----|

## Electrical Characteristics

|                       |          |
|-----------------------|----------|
| Rated Voltage, IEC    | 500 V    |
| Rated Voltage, UL     | 600 V    |
| Rated Voltage, CSA    | 600 V    |
| Rated Impulse Voltage | 6 kV     |
| Rated Current, IEC    | 16 A     |
| Rated Current, UL     | 16 A     |
| Rated Current, CSA    | 16 A     |
| Contact Resistance    | < 2 mOhm |
| Degree of Soiling     | 3        |

## Materials and Surfaces

|                                       |                                  |
|---------------------------------------|----------------------------------|
| Contacts                              | Copper alloy, hard silver-plated |
| Insulating Body                       | PC                               |
| Flammability Class according to UL 94 | V0                               |


## Approvals

|                            |        |
|----------------------------|--------|
| UL-Approval, E-File-Number | E75770 |
| VDE-Approval, VDE-REG.-Nr. | B437   |

## Standard

|                 |                    |
|-----------------|--------------------|
| Safety Standard | IEC 61984, UL 1977 |
|-----------------|--------------------|

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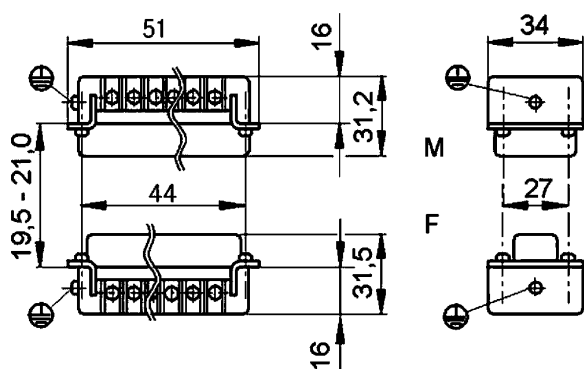
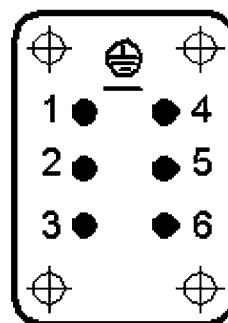
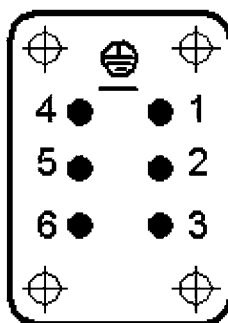
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## Technical Drawings



**M**

**F**



Robust



Temperature-resistant

### Info

Multifunctional insert for versatile applications  
Screw, crimp, cage clamp and Push-In version - freely combinable

### Application range

Mechanical engineering  
Light & sound technology  
Plastics industry

### Remark

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

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