


|                           |                                      |                                                                                     |
|---------------------------|--------------------------------------|-------------------------------------------------------------------------------------|
| 10192100                  | <b>DATA SHEET</b>                    |  |
| Valid from:<br>31.05.2023 | <b>EPIC® H-BE 10 SS / H-BE 10 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 control cabinet applications with high SCCR ratings in accordance with UL 508 / UL 2237.



## General Characteristics

|                     |                                              |
|---------------------|----------------------------------------------|
| Series              | H-BE 10                                      |
| Version             | Male: 10192100; Female: 10193100             |
| Wire Protection     | No                                           |
| Number of Contacts  | 10 + 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                                 |
| SCCR                  | See <a href="#">PVVA2:E483837</a> |

## 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, E483837 |
| VDE-Approval, VDE-REG.-Nr. | B437            |

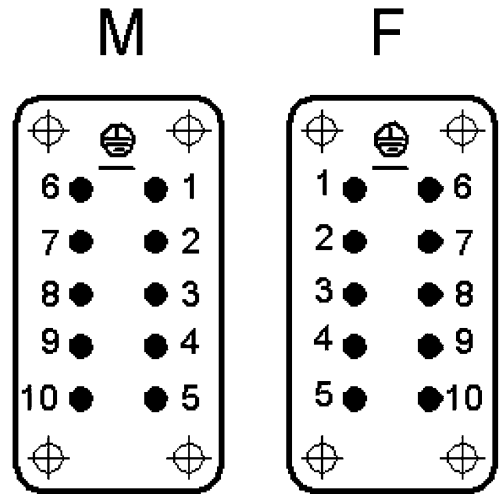
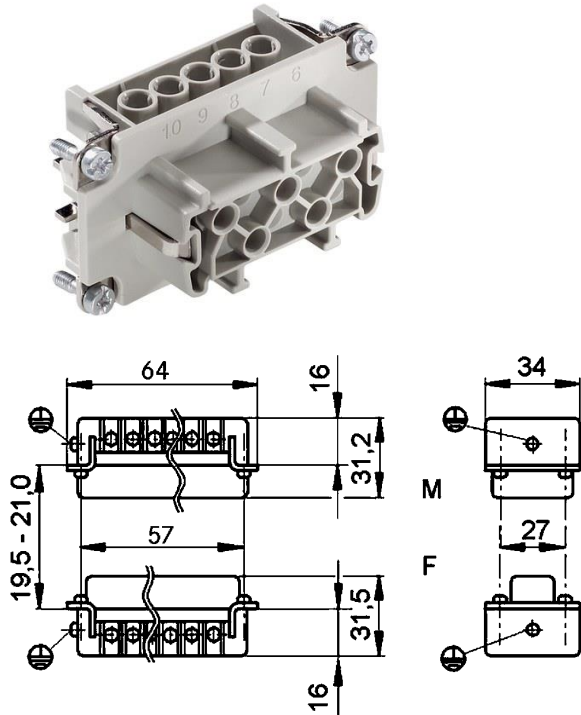
## Standard

|                             |                                            |
|-----------------------------|--------------------------------------------|
| Safety/Application Standard | IEC 61984, UL 1977, CSA22.2 182.3, UL 2237 |
|-----------------------------|--------------------------------------------|

|                                           |                                       |             |
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**Technical Drawings**



Industrial machinery and plant engineering



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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