## Description

- Inserts of the EPIC® H-BE series are considered classics in industry and are ideal for use at higher voltages and currents.
- In the EPIC® H-BE series, inserts of different connection types can be combined with each other as required within the same size (screw, crimp, cage clamp or push-in).
- Push-in connection allows the shortest connection times: strands with wire end ferrules can be inserted and contacted completely without tools; to release the contact, simply press the orange button. For strands without wire end ferrules, the button must be pressed to open the spring before insertion or removal
- The round test socket for 2mm standard test probes is positioned so that it is still accessible for a signal test even when the insert is already installed in the panel-mounting housing.
- Wide variety of suitable housing variations



Male MQL



Female FQL



Termination

## General Characteristics

| | |
|---|---|
| Series | H-BE 6 |
| Size | 6B |
| Version | Male/Female (Article 381166835/381166834) |
| Number of Contacts | 6+PE |
| Termination Methods | Push-In Termination: 0.5 - 2.5 mm² (AWG 26 – 14) |
| Stripping Lenght | 8-10 mm |
| Temperature Range | -40°C to +125°C |

## Mechanical Characteristics

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

## Electrical Characteristics

| | |
|---|---|
| Rated Voltage, IEC | 500 V |
| Rated Voltage, UL/CSA | 600 V |
| Rated Impulse Voltage | 6 kV |
| Rated Current, IEC | 16 A |
| Contact Resistance | ≤ 1 mΩ |
| Degree of Soiling | 3 |



We reserve all rights according to DIN ISO 16016.

## Materials and Surfaces

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

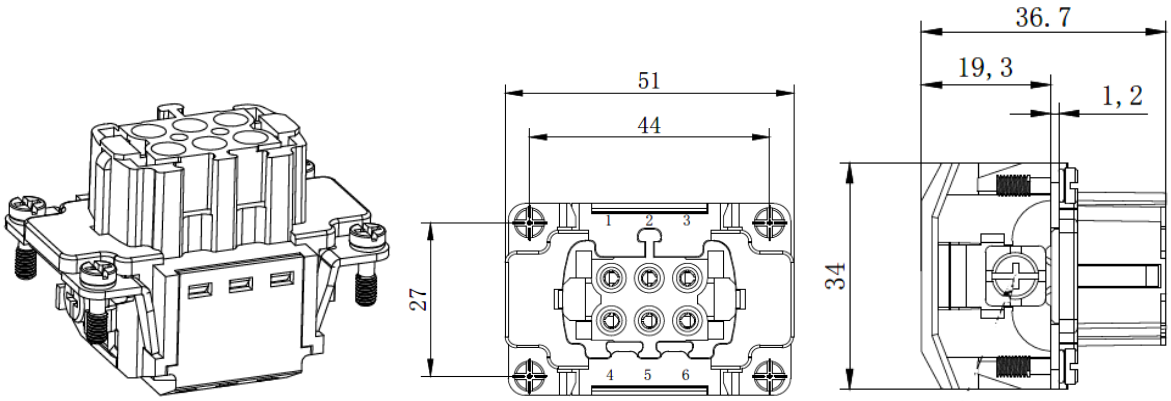
## Approvals

| | |
|---|---|
| UL-Approval, E-File-Number | E75770 |

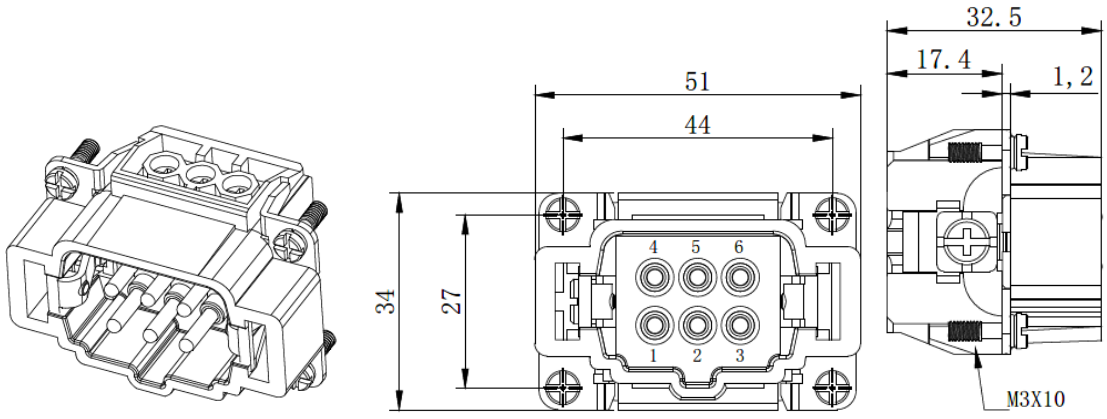
## Standard

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

## Technical Drawings




Technical Drawing and Polar Pattern female FCC




Technical Drawing and Polar Pattern male MCC



We reserve all rights according to DIN ISO 16016.

 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.



We reserve all rights according to DIN ISO 16016.