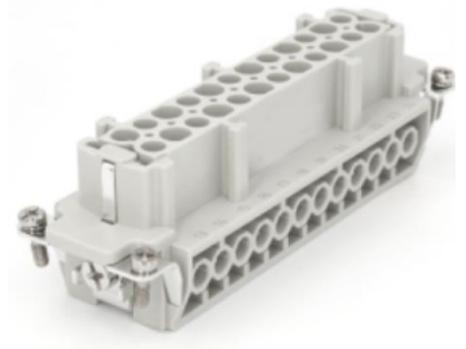


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|---------------------------|--------------------------|---|
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| Valid from:<br>31.07.2025 | <b>EPIC® H-BE 024 FS</b> |   |

## Description

- The EPIC® H-BE series is suitable for applications that require a reliable connection when working with high voltages and currents
- Standard insert with screw termination



Images may vary

## General Characteristics

|                     |  |
|---------------------|--|
| Series              | H-BE 24  |
| Version             | Female   |
| Design Size         | 24B  |
| Number of Contacts  | 24 + PE  |
| Wire Protection     | Yes  |
| Termination Methods | Screw termination: 0.75–2.5 mm <sup>2</sup> /AWG 18-14 |
| Temperature Range   | -40°C up to +125°C                                     |

## Mechanical Characteristics

|                                 |        |
|---------------------------------|--------|
| Cycle of mechanical operation   | ≥ 500  |
| Tightening torque contact screw | 0.5 Nm |
| Stripping length                | 7 mm   |

## Electrical Characteristics

|                         |        |
|-------------------------|--------|
| Rated Voltage, IEC      | 500 V  |
| Rated Voltage, UL & CSA | 600 V  |
| Rated Impulse Voltage   | 6 kV   |
| Rated Current, IEC      | 16 A   |
| Rated Current, UL & CSA | 16 A   |
| Contact Resistance      | ≤ 1 mΩ |
| Pollution degree        | 3      |

## Materials and Surfaces

|                                       |                                  |
|---------------------------------------|----------------------------------|
| Contacts                              | Copper alloy, hard-silver plated |
| Insulating Body                       | PC                               |
| Flammability Class according to UL 94 | V-0                              |

AbN  
automation

|   |  |             |
|---|--|-------------|
| Creator: TODV1/BU EPIC<br>Released: THBO1/BU EPIC | Document: DB381166832EN<br>Version: 01 | Page 1 of 3 |
|---|--|-------------|

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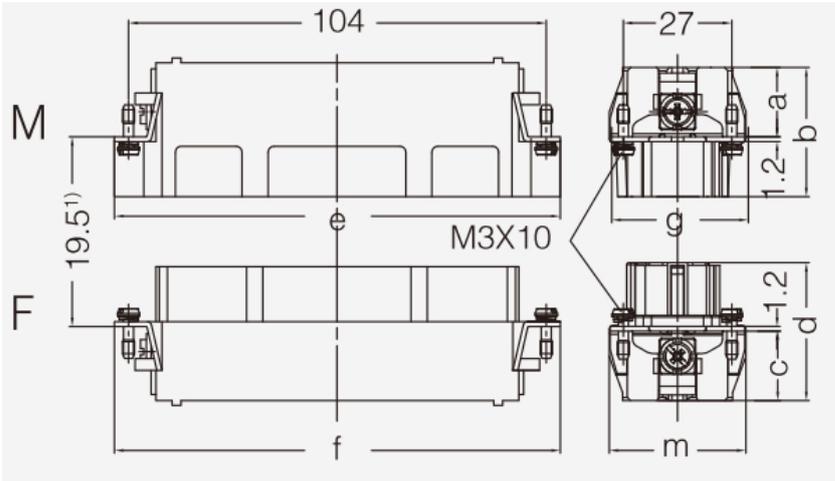
**Certifications**

UL- Certification, E-File-Number E75770

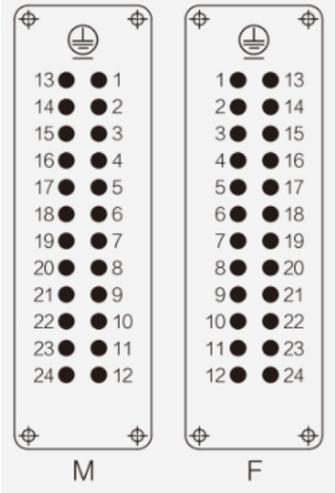
**Standard**

Safety Standard IEC 61984, IEC 60664-1  
UL 1977  
CSA 22.2 182.3

**Technical Drawings**



|      |    |      |     |    |    |      |       |    |
|------|----|------|-----|----|----|------|-------|----|
|      | a  | b    | e   | g  | c  | d    | f     | m  |
| [mm] | 17 | 32,5 | 111 | 34 | 17 | 34,8 | 111,5 | 34 |



Pin assignment

We reserve all rights according to DIN ISO 16016.  
PD 0019/05\_04.18EN

|                           |                          |   |
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Industrial machinery and plant engineering



Robust



Temperature-resistant

### Info

Multifunctional insert for versatile applications  
Screw, crimp, cage spring 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.

AbN  
automation

|   |  |             |
|---|--|-------------|
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