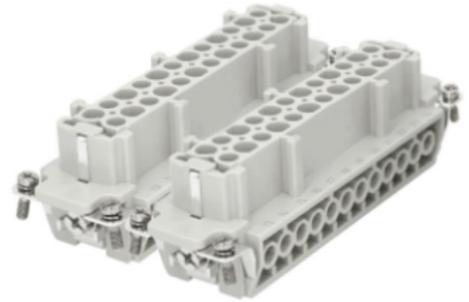


|                           |                                |   |
|---------------------------|--------------------------------|---|
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### Description

- 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 (Contact identification 25-48)                 |
| Details             | Two inserts for a complete assembly needed             |
| Version             | Female   |
| Design Size         | 48B  |
| Number of Contacts  | 24 + PE (Contact identification 25-48)                 |
| 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

|   |  |             |
|---|--|-------------|
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### Certifications

UL- Certification, E-File-Number

E75770

### Standard

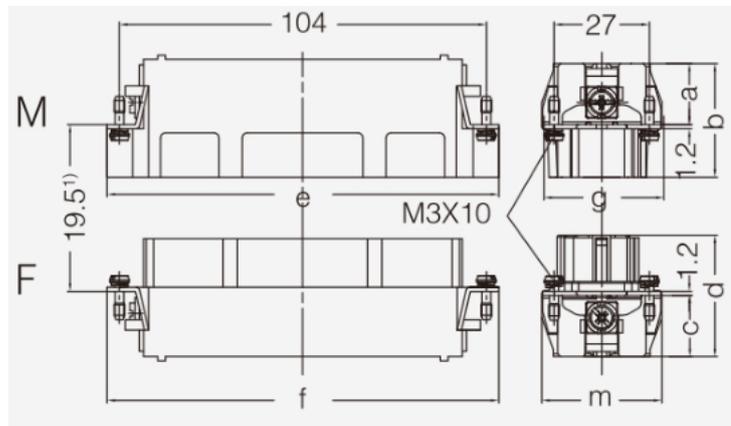
Safety Standard

IEC 61984, IEC 60664-1

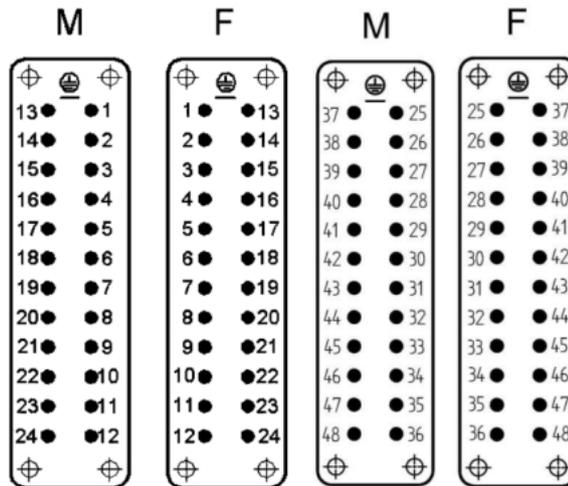
UL 1977

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

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