

381166830	<b>DATA SHEET</b>	
Valid from: 18.08.2025	<b>EPIC® H-BE 016 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 16
Version	Female
Design Size	16B
Number of Contacts	16 + 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	16A
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

## Approvals

UL-Approval, E-File-Number	E75770
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## Standard

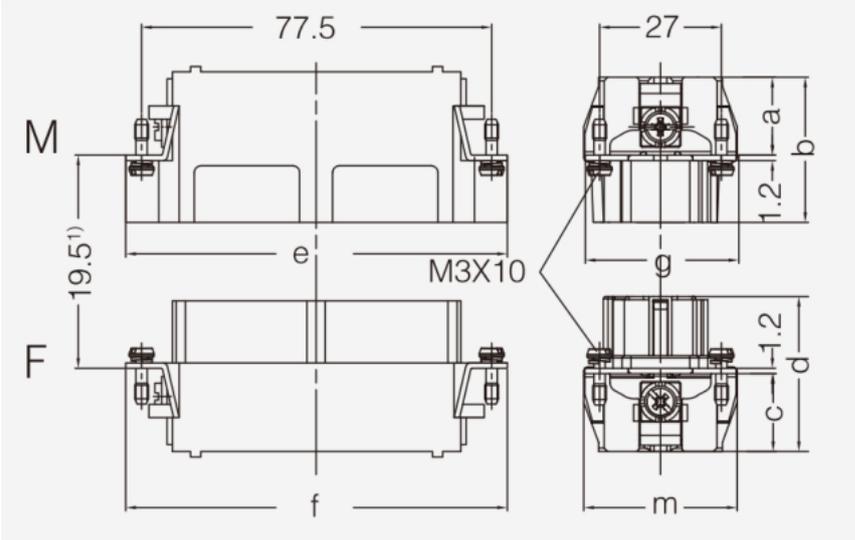
Safety Standard	IEC 61984, IEC 60664-1 UL 1977 CSA 22.2 182.3
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AbN  
automation

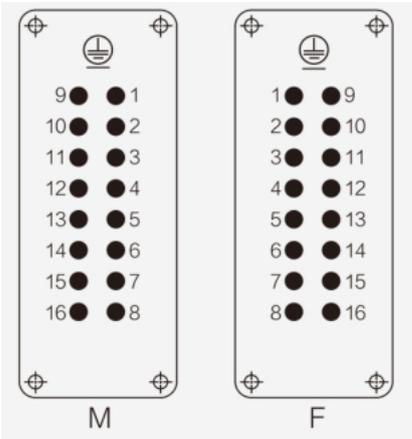
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**Technical Drawings**



	a	b	e	g	c	d	f	m
[mm]	17	32.5	84.2	34	17	34.8	84.5	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.

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