

381166826	DATA SHEET	
Valid from: 31.07.2025	EPIC® H-BE 006 FS	

Description

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



Images may vary

General Characteristics

Series	H-BE 6
Version	Female
Design Size	6B
Number of Contacts	6 + PE
Wire Protection	Yes
Termination Methods	Screw termination: 0,75 – 2,5 mm ² /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	7.0 mm

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	≤ 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

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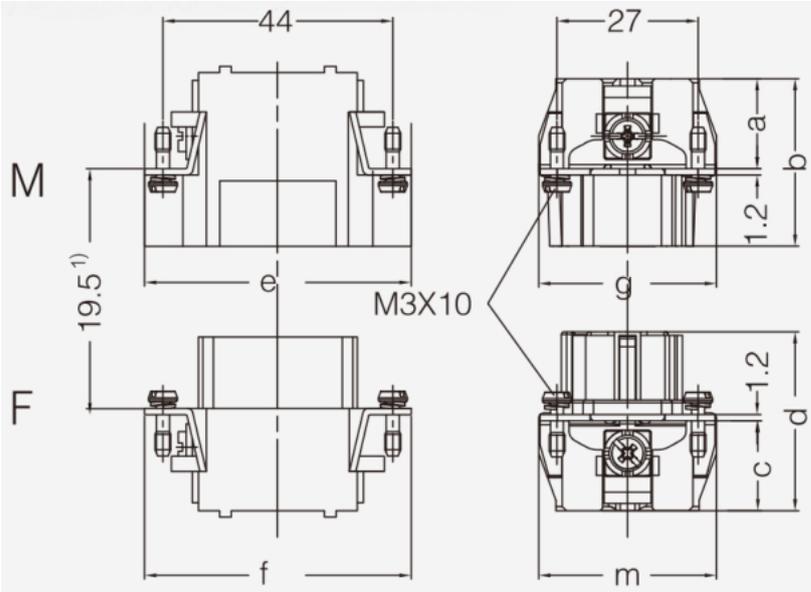
Certifications

UL-Certication, E-File-Number E75770

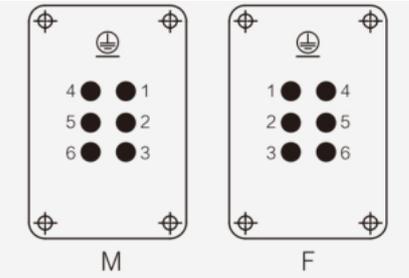
Standard

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]	16	32.4	51	34	16.8	34.8	51	34



Pin assignment

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

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Robust



Temperature-resistant

Info

Multifunctional insert for versatile applications

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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