

381166834	DATA SHEET	
Valid from: 31.10.2024	EPIC H-BE 006 FQL / H-BE 006 MQL	

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 mm ² (AWG 26 - 14)
Stripping Length	8-10 mm
Temperature Range	-40°C to +125°C

Mechanical Characteristics

Cycle of mechanical operation	> 500
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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

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Materials and Surfaces

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

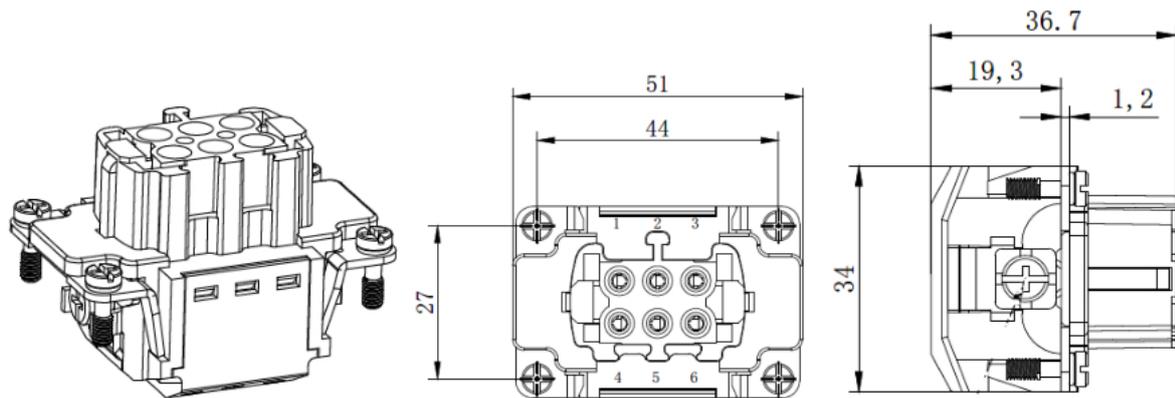
Approvals

UL-Approval, E-File-Number	E75770
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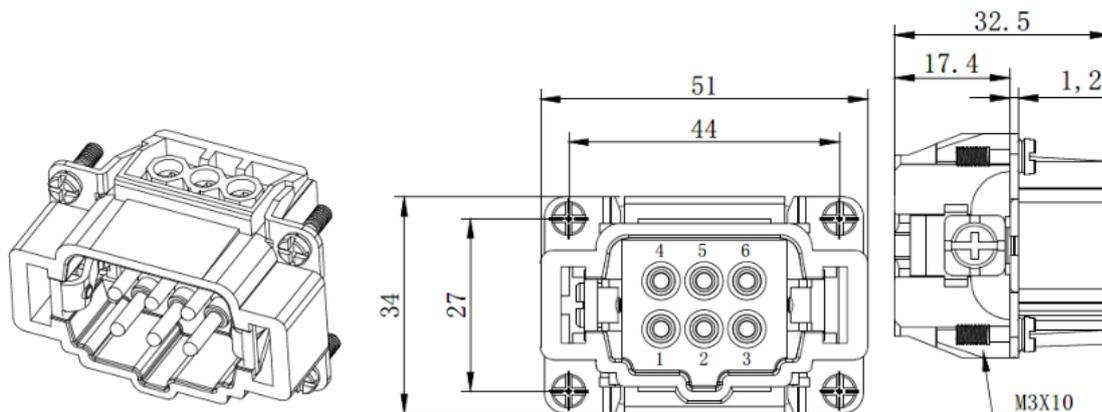
Standard

Safety Standard	IEC 61984, UL 1977
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Technical Drawings



Technical Drawing and Polar Pattern female FCC



Technical Drawing and Polar Pattern male MCC



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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.

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