

10194100	<b>DATA SHEET</b>	
Valid from: 31.05.2023	<b>EPIC® H-BE 16 SS / H-BE 16 BS</b>	

## Description

- Standard inserts with screw termination, crimp termination, cage clamp termination and Push-In termination
- The EPIC® H-BE series is suitable for applications that require a reliable connection when working with high voltages and currents
- Use for railway applications -Brand protection in rail vehicles: test according to EN 45545-2. Requirement sentences R22 and R23. Hazard levels HL1, HL2 and HL3.
- UL tested for control cabinet applications with high SCCR ratings in accordance with UL 508 / UL 2237.



## General Characteristics

Series	H-BE 16: 1-116; 17-32
Version 1-16	Male: 10194100; Female: 10195100
Version 17-32	Male: 10202100; Female: 10203100
Wire Protection	No
Number of Contacts	16 + PE (32+2xPE)
Termination Methods	Screw termination: 0.5 - 2.5 mm <sup>2</sup>
Temperature Range	-40°C to +100°C, short-term up to +125°C

## Mechanical Characteristics

Cycle of mechanical operation	500
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## 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	< 2 mOhm
Degree of Soiling	3
SCCR	See <a href="#">PVVA2:E483837</a>

## Materials and Surfaces

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

## Approvals

UL-Approval, E-File-Number	E75770, E483837
VDE-Approval, VDE-REG.-Nr.	B437

## Standard

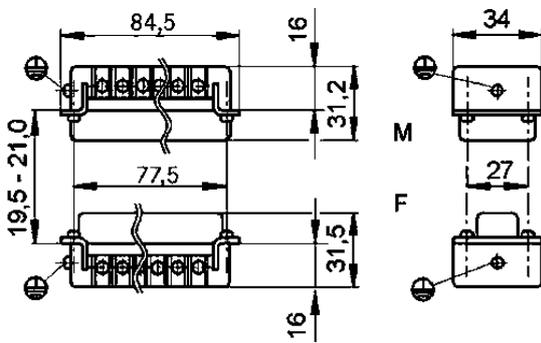
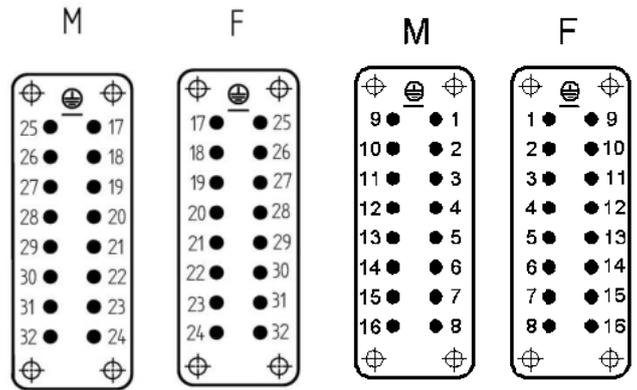
Safety/Application Standard	IEC 61984, UL 1977, CSA22.2 182.3, UL 2237
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AbN  
automation

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### Technical Drawings



Industrial machinery and plant engineering



Robust



Temperature-resistant

### Info

Multifunctional insert for versatile applications  
Screw, crimp, cage clamp and Push-In version - freely combinable  
Also as EPIC® H-BE 32 available

### 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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