

10196100	DATA SHEET	
Valid from: 26.03.2025	EPIC® H-BE 24 SS / H-BE 24 BS	

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 24: 1-24; 25-48
Version 1-24	Male: 10196100; Female: 10197100
Version 25-48	Male: 10204100; Female: 10205100
Wire Protection	No
Number of Contacts	24 + PE (48+2xPE)
Termination Methods	Screw termination: 0.5 - 2.5 mm ²
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 PVVA2:E483837

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

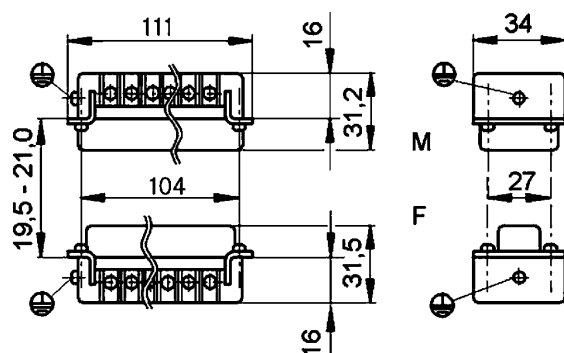
Standard

Safety/Application Standard	IEC 61984, UL 1977, CSA22.2 182.3, UL 2237
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Creator: THB01/BU EPIC Released: IVSE1/BU EPIC	Document: DB10196100EN Version: 06	Page 1 of 2
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Technical Drawings



M	F	M	F
 13 ● ● 1  14 ● ● 2  15 ● ● 3  16 ● ● 4  17 ● ● 5  18 ● ● 6  19 ● ● 7  20 ● ● 8  21 ● ● 9  22 ● ● 10  23 ● ● 11  24 ● ● 12	 1 ● ● 13  2 ● ● 14  3 ● ● 15  4 ● ● 16  5 ● ● 17  6 ● ● 18  7 ● ● 19  8 ● ● 20  9 ● ● 21  10 ● ● 22  11 ● ● 23  12 ● ● 24	 37 ● ● 25  38 ● ● 26  39 ● ● 27  40 ● ● 28  41 ● ● 29  42 ● ● 30  43 ● ● 31  44 ● ● 32  45 ● ● 33  46 ● ● 34  47 ● ● 35  48 ● ● 36	 25 ● ● 37  26 ● ● 38  27 ● ● 39  28 ● ● 40  29 ● ● 41  30 ● ● 42  31 ● ● 43  32 ● ● 44  33 ● ● 45  34 ● ● 46  35 ● ● 47  36 ● ● 48



Robust



Temperature-resistant

Info

Multifunctional insert for versatile applications
Screw, crimp, cage clamp and Push-In version - freely combinable
Also as EPIC® H-BE 48 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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