

# EPIC® H-A 48

H-A connector insert up to 400V with service friendly screw connection

The narrow standard insert can be used universally for conducting current and voltage. It can be used for machine or device manufacturing.

### Info

- New higher voltage resistance, 400V in a small space
- Universal for current and voltage transmission
- Made in Germany



Mechanical and plant engineering



Rail



Wind Energy



Assembly time



Space requirement



Voltage



Variety of approval certifications

### Benefits

- Universal for current and voltage transmission
- New higher voltage resistance, 400V in a small space
- Slim connector insert for standard application

Last Update (24.07.2025)

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You can find the current technical data in the corresponding data sheet.

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## EPIC® H-A 48

Service friendly screw connection for different cross section, PH1 screw heat suitable for electric screwdrivers

Railway applications

- Fire protection on railway vehicles: Test according EN 45545-2. Requirement sets R22 and R23. Hazard level HL1, HL2 and HL3

### Application range

Machine and equipment manufacturing

Control engineering

Plastics industry

### Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC000438 ETIM 5.0 Class-Description: Contact insert for industrial connectors
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000438 ETIM 6.0 Class-Description: Contact insert for industrial connectors
Rated voltage (V):	IEC: 400 V UL: 600 V CSA: 600 V
Rated impulse voltage:	4 kV
Rated current (A):	IEC: 16 A UL: 14 A CSA: 16 A
Pollution degree:	3
Flammability:	UL94 V-0
Contact resistance:	1.5 - 4 mohm
Contacts:	Copper alloy, hard silver-plated
Number of contacts:	16 + PE
Termination methods:	Screw termination: 0.5 - 2.5 mm <sup>2</sup>
Stripping length (mm):	8
Material:	PC, polycarbonate
Cycle of mechanical operation:	500
VDE-tested:	Certified production control: VDE-REG. no.: B437 UL-tested: UL File Number: E75770
Temperature range:	-40 °C to +120 °C

### Note

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Prices are net prices without VAT and surcharges. Sale to business customers only.



## EPIC® H-A 48

Article number	Article description	Contact type	Wire protection	Number of operating contacts	Packaging unit
H-A 48 screw termination					
10540100	H-A 16 SS	male	yes	33 - 48	5
10541100	H-A 16 BS	female	yes	33 - 48	5
10542100	H-A 16 SS	male	-	33 - 48	5
10543100	H-A 16 BS	female	-	33 - 48	5

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