Rectangular connectors • EPIC® H-A Inserts











# EPIC® H-A 3

H-A inserts with screw termination up to 2.5 mm<sup>2</sup> wire cross section



# EPIC® H-A 4

H-A inserts with screw termination up to 2.5 mm<sup>2</sup> wire cross section



## Suitable housing

- EPIC® ULTRA H-A 3 Housings
- Refer to Selection Table A10 to select the required inserts and housings

### Benefits

- · Railway applications
  - Fire protection on railway vehicles: Test according EN 45545-2. Requirement sets R22 and R23. Hazard level HL1, HL2 and
- The small H-A 3 / H-A 4 are used whenever there is minimal space.
- Easy to service screw connection
- · Easy cable connection with strait cable entry in the contacts

# Application range

- · Railway applications / vehicle construction
- · Machine and equipment manufacturing
- · Control engineering
- · Apparatus construction

## Suitable tools

 Kraftform® adjustable torque screwdriver/ Kraftform Kompakt® Set refer to page 1060

# **Technical data**

Classification ETIM 5/6

ETIM 5.0/6.0 Class-ID: EC000438 ETIM 5.0/6.0 Class-Description: Contact insert for industrial connectors



Rated voltage (V)

IEC: 400 V UL: 600 V CSA: 600 V

Rated impulse voltage

Rated current (A)

IEC: 23 A UL: 10 A CSA: 10 A



Pollution degree

Contact resistance

1.5 - 4 mohm

Contacts

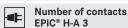
Copper alloy, hard silver-plated

# Info

- Small power connector for single or three-phase current
- · Easy to assemble due to straight entry of conductors
- · Railway applications

# Info

- · Insert for three-phase current application with neutral conductor
- Easy to assemble due to straight entry of conductors
- · Railway applications



3 + PE EPIC® H-A 4

4 + PE

# **Termination methods**

Screw termination: 0.5 - 2.5 mm<sup>2</sup> (2.5 mm<sup>2</sup> with conductor end sleeves depending on the crimping profile)

Stripping length (mm)



Cycle of mechanical operation 100

**VDE-tested** Certified production control:

VDE-REG. no.: B437 UL-tested:

UL File Number: E75770



Temperature range -40°C to +100°C,

short-term up to +125°C

Article number	Article description	Contact type	Number of operating contacts	Pieces / PU
H-A 3 screw term	ination			
10420000	H-A 3 SS	male	1 - 3	10
10421000	H-A 3 BS	female	1 - 3	10
H-A 4 screw term	ination			
10431000	H-A 4 SS	male	1 - 4	10
10432000	H-A 4 BS	female	1 - 4	10

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