



### EPIC® H-A 3

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



**Info**

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

### EPIC® H-A 4

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



**Info**

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

#### 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 HL4
- 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

	<b>Classification ETIM 5/6</b> ETIM 5.0/6.0 Class-ID: EC000438 ETIM 5.0/6.0 Class-Description: Contact insert for industrial connectors		<b>Number of contacts</b> <b>EPIC® H-A 3</b> 3 + PE <b>EPIC® H-A 4</b> 4 + PE
	<b>Rated voltage (V)</b> IEC: 400 V UL: 600 V CSA: 600 V		<b>Termination methods</b> 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)
	<b>Rated impulse voltage</b> 4 kV		<b>Stripping length (mm)</b> 6
	<b>Rated current (A)</b> IEC: 23 A UL: 10 A CSA: 10 A		<b>Cycle of mechanical operation</b> 100
	<b>Pollution degree</b> 3		<b>VDE-tested</b> Certified production control: VDE-REG. no.: B437 UL-tested: UL File Number: E75770
	<b>Contact resistance</b> 1.5 - 4 mohm		<b>Temperature range</b> -40 °C to +100 °C, short-term up to +125 °C
	<b>Contacts</b> Copper alloy, hard silver-plated		

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

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