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| 381167223 | DATA SHEET |  |
| Valid from: 20.03.2025 | EPIC® H-A 003 MS | |

Description

- H-A inserts with screw termination up to 2.5 mm² wire cross section.
- The small H-A 3 are used whenever there is minimal space.
- Easy to service screw connection.
- Easy cable connection with straight cable entry in the contacts.



Images may vary

General Characteristics

| | |
|---------------------|---|
| Series | H-A 3 |
| Version | Male |
| Design Size | 3A |
| Number of Contacts | 3 + PE |
| Wire Protection | No |
| Termination Methods | Screw termination: 1.0 - 2.5 mm ² /AWG 18-14 |
| Temperature Range | -40°C up to +125°C |

Mechanical Characteristics

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|---------------------------------|---------|
| Cycle of mechanical operation | ≥ 500 |
| Tightening torque contact screw | 0.25 Nm |

Electrical Characteristics

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|--|--------|
| Rated voltage conductor-earth, IEC | 230 V |
| Rated voltage conductor-conductor; IEC | 400 V |
| Rated Voltage, UL | 600 V |
| Rated Voltage, CSA | 600 V |
| Rated Impulse Voltage | 4 kV |
| Rated Current, IEC | 10 A |
| Rated Current, UL | 10 A |
| Rated Current, CSA | 10 A |
| Contact Resistance | ≤ 1 mΩ |
| Pollution degree | 3 |

Materials and Surfaces

| | |
|---------------------------------------|----------------------------------|
| Contacts | Copper alloy, hard-silver plated |
| Insulating Body | PC |
| Flammability Class according to UL 94 | V-0 |

AbN
automation

Certifications

| | | |
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PD 0019/05_04.18EN

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UL-Certification, E-File-Number

E75770

Standard

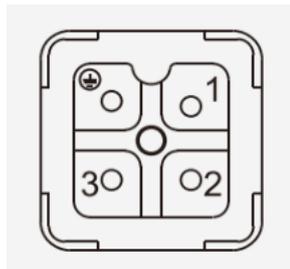
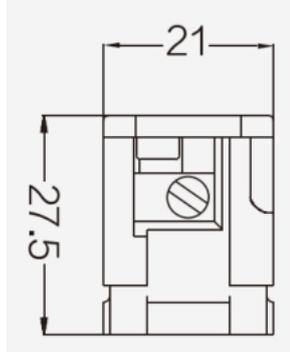
Safety Standard

IEC 61984, IEC 60664-1

UL 1977

CSA 22.2 182.3

Technical Drawings



Pin assignment



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Industrial machinery and plant engineering



Assembly time



Space Requirement

Info

Robust power supply connector
Straight cable entry into the contacts

Application range

Machine and equipment manufacturings

Remark

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

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