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| DATA SHEET | 10440100 |
| EPIC® H-A 10 SS / H-A 10 BS | Valid from: 07.07.2015 |

Description

- H-A inserts with screw termination up to 2.5 mm² wire cross section.
- Slim connector insert for standard application.
- Easy to service screw connection.
- Universal for current and voltage transmission.



General Characteristics

| | |
|---------------------|---|
| Series | H-A 10 |
| Version | Male/Female(Article 10441100) |
| Wire Protection | Yes |
| Number of Contacts | 10+PE |
| Termination Methods | Screw termination: 0.5 - 2.5 mm ² (2.5 mm ² with conductor end sleeves depending on the crimping profile) |
| Temperature Range | -40°C to +100°C, short-term up to +125°C |

Mechanical Characteristics

| | |
|-------------------------------|-----|
| Cycle of mechanical operation | 100 |
|-------------------------------|-----|

Electrical Characteristics

| | |
|-----------------------|--------------|
| Rated Voltage, IEC | 250 V |
| Rated Voltage, UL | 600 V |
| Rated Voltage, CSA | 600 V |
| Rated Impulse Voltage | 4 kV |
| Rated Current, IEC | 16 A |
| Rated Current, UL | 14 A |
| Rated Current, CSA | 16 A |
| Contact Resistance | 1,5 - 4 mOhm |
| Degree of Soiling | 3 |

Materials and Surfaces

| | |
|---------------------------------------|----------------------------------|
| Contacts | Copper alloy, hard silver-plated |
| Insulating Body | PBT |
| Flammability Class according to UL 94 | V0 |

Approvals

| | |
|----------------------------|--------|
| UL-Approval, E-File-Number | E75770 |
| VDE-Approval, VDE-REG.-Nr. | B437 |

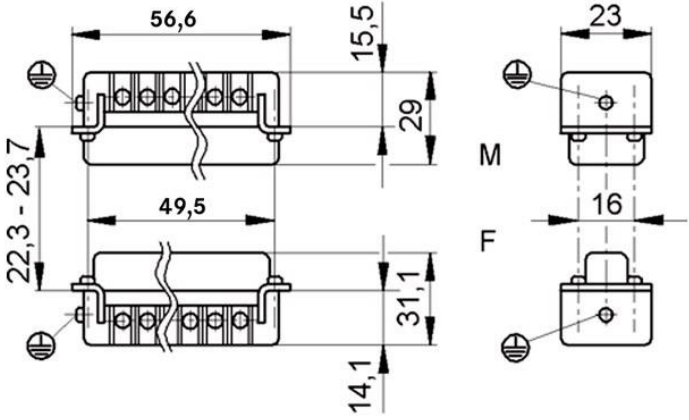
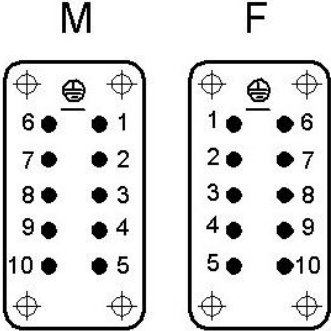
Standard

| | |
|------------------|--------------------|
| Product Standard | IEC 61984, UL 1977 |
|------------------|--------------------|

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Technical Drawings





| | |
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Industrial machinery and plant engineering



Assembly time



Space requirement

Info

Slim standard insert, easy to connect by screw
Universal for current and voltage transmission

Application range

Machine and equipment manufacturings
Control engineering

Remark

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

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DATA SHEET

19445000

EPIC[®] H-A 10 TSValid from:
20.07.2015

Description

- These connectors are attractive because of their compact housing.
- Small and space-saving for narrow available space



General characteristics

| | |
|-------------------|--|
| Series | H-A 10 |
| Version | Hood |
| Locking | Bolts for single lever |
| Cable entry | lateral |
| Neck installed | yes |
| Protection rating | IP 65 (locked) |
| Temperature range | -40°C to +100°C, short-term up to +125°C |

Product variations

| Article no. | Thread |
|-------------|--------|
| 19445000 | M20 |
| 19445500 | M25 |

Materials and surfaces

| | |
|---------|-------------------------------------|
| Housing | aluminium alloy powder-coated, grey |
| Neck | Brass, nickel-plated |
| Bolts | Steel, zinc-plated |
| Gasket | NBR |

Approvals

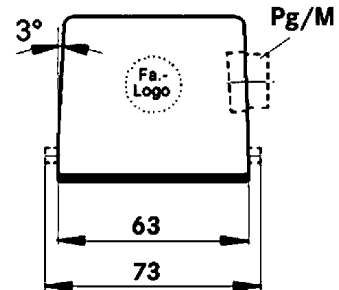
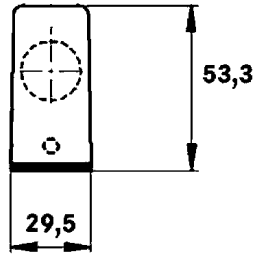
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| VDE-Approval, VDE-REG.-Nr. | B437 |
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Standard

| | |
|------------------|-----------|
| Product Standard | IEC 61984 |
|------------------|-----------|

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|------------------------|---------------------------|
| DATA SHEET | 19445000 |
| EPIC® H-A 10 TS | Valid from: 20.07.2015 |

Drawings



Industrial machinery and plant engineering



Mechanical resistance



Robust



Waterproof

Info

Compact, robust metal housings size H-A 10

Application range

Machine and equipment manufacturing
Control engineering
Electronic laboratory

Remark

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

| | | |
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