


|                           |                                   |   |
|---------------------------|-----------------------------------|---|
| 75009625                  | <b>DATA SHEET</b>                 |  |
| Valid from:<br>24.04.2019 | <b>EPIC® KIT H-A 10 SS TG M20</b> |   |

## Description

- H-A inserts, easy to service, with screw termination up to 2.5 mm<sup>2</sup> wire cross section
- The small H-A is used whenever there is minimal space
- Easy cable connection with strait cable entry in the contacts.
- Optimally matched components
- Reduced ordering effort
- No wrong orders



## Components of the combination

|                                   |                          |
|-----------------------------------|--------------------------|
| Article number of the combination | 75009625                 |
| Housing                           | H-A 10 Tg M20 (19446000) |
| Insert                            | H-A 10 SS (10440100)     |

## General characteristics

|  |  |
|--|--|
| Series                                 | H-A 10                                       |
| Version                                | Male   |
| Connection type                        | Screw termination                            |
| Pin-arrangement                        | 10 + PE                                      |
| Contact diameter                       | 2,5 mm                                       |
| Termination cross section              | Screw termination: 0,5 – 2,5 mm <sup>2</sup> |
| Degree of protection (DIN EN 60529)    | IP 65 (latched)                              |
| Degree of protection (NEMA 250/UL 50E) | 12, 4 (latched)                              |
| Cycles of mechanical operation         | 100  |
| Temperature range                      | -40°C to +125°C, short term up to +125       |


## Materials and surfaces

|                        |                      |
|------------------------|----------------------|
| Housing                | Zinc die-casting     |
| Housing, surface       | Powder-coating, grey |
| Insert                 | PBT                  |
| Contact, base material | Copper alloy         |
| Contact, surface       | Hard-silver          |

## Electrical characteristics

|                       |              |
|-----------------------|--------------|
| Rated Voltage, IEC    | 400 V        |
| Rated Voltage, UL     | 600 V        |
| Rated Voltage, CSA    | 600 V        |
| Rated Impulse Voltage | 4 kV         |
| Rated Current, IEC    | 16 A         |
| Rated Current, UL     | 16 A         |
| Rated Current, CSA    | 16 A         |
| Contact Resistance    | 1,5 - 4 mOhm |
| Degree of Soiling     | 3            |

|   |                                       |             |
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### Approvals

VDE-Approval, VDE-REG.-Nr.  
UL File Number

B437  
E75770



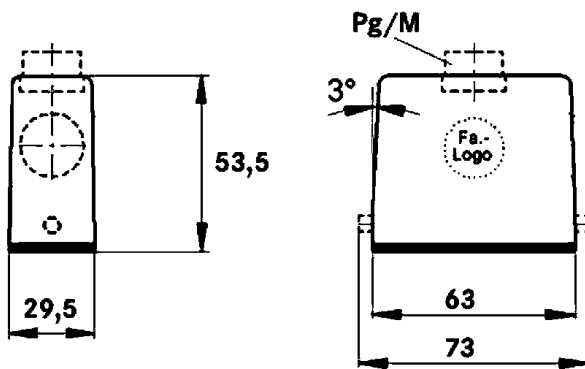
### Standards

Safety Standard

IEC 61984; UL 1977; CSA-C22.02 182.3

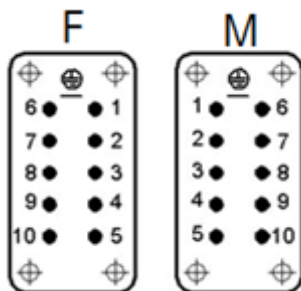
### Technical Drawings :

Housing

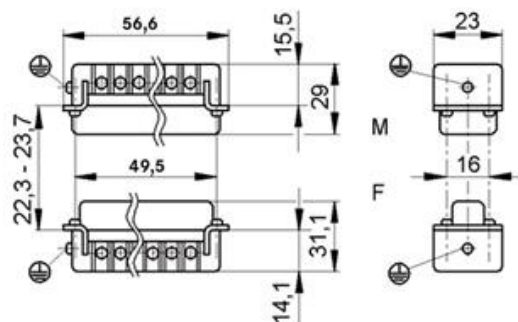



Insert

Pin assignment :



Dimensions :



|                           |  |   |
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Industrial machinery and plant engineering



Mechanical resistance



Robust



Waterproof



Assembly time



Space requirement

### Info

Compact, robust metal housings size H-A 10  
Robust power supply connector  
Straight cable entry into the contacts

### 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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