

|                           |  |   |
|---------------------------|--|---|
| 75009604                  | <b>DATA SHEET</b>                            |  |
| Valid from:<br>31.10.2018 | <b>EPIC<sup>®</sup> KIT H-A 3 SS MTS 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 3 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 | 75009604                 |
| Housing                           | H-A 3 MTS M20 (19512300) |
| Insert                            | H-A 3 SS (10420000)      |

## General characteristics

|  |   |
|--|---|
| Series                                 | H-A 3   |
| Version                                | Male  |
| Connection type                        | Screw termination   |
| Pin-arrangement                        | 3 + PE  |
| Contact diameter                       | 1 mm  |
| Termination cross section              | Screw termination: 0,5 – 2,5 mm <sup>2</sup> (2,5 mm <sup>2</sup> with wire end sleeve, depending on crimp profile) |
| 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, base material | Zinc die-casting     |
| Housing, surface       | Powder-coating, grey |
| Insert                 | PA                   |
| 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    | 23 A         |
| Rated Current, UL     | 10 A         |
| Rated Current, CSA    | 10 A         |
| Contact Resistance    | 1,5 - 4 mOhm |
| Degree of Soiling     | 3            |

|                     |                        |             |
|---------------------|------------------------|-------------|
| Creator: STKU3/PDP  | Document: DB75009604EN | Page 1 of 3 |
| Released: IVSE1/PDP | Version: 00            |             |

|                           |  |   |
|---------------------------|--|---|
| 75009604                  | <b>DATA SHEET</b>                            |  |
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### Approvals

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

B437  
E75770  
053004



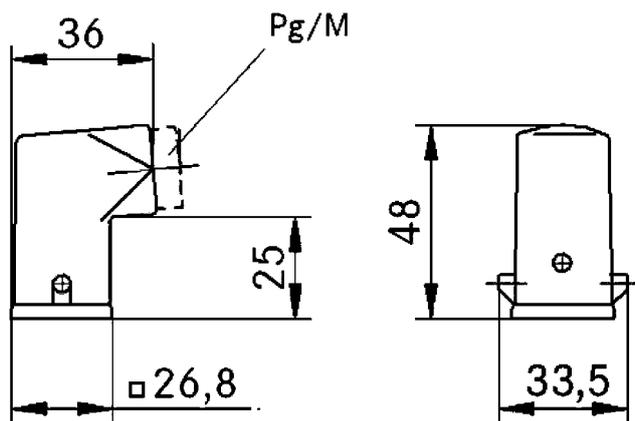
### Standards

Safety Standard

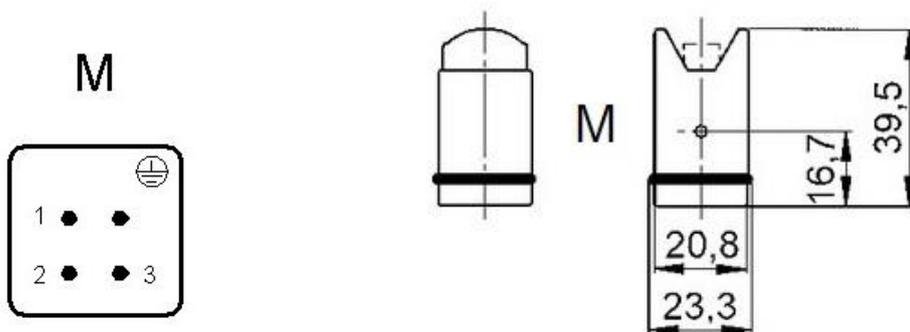
IEC 61984; UL 1977; CSA-C22.02

### Technical Drawings

Housing



Insert



|   |                                       |             |
|---|---------------------------------------|-------------|
| Creator: STKU3/PDP<br>Released: IVSE1/PDP | Document: DB75009604EN<br>Version: 00 | Page 2 of 3 |
|---|---------------------------------------|-------------|

|                           |  |   |
|---------------------------|--|---|
| 75009604                  | <b>DATA SHEET</b>                            |  |
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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 3  
 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.

|   |                                       |             |
|---|---------------------------------------|-------------|
| Creator: STKU3/PDP<br>Released: IVSE1/PDP | Document: DB75009604EN<br>Version: 00 | Page 3 of 3 |
|---|---------------------------------------|-------------|