


75009601	<b>DATA SHEET</b>	
Valid from: 31.10.2018	<b>EPIC® KIT H-A 3 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 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	75009601
Housing	H-A 3 Tgv M20 (19426000)
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	PA, 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

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### Approvals

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

B437  
E75770  
053004



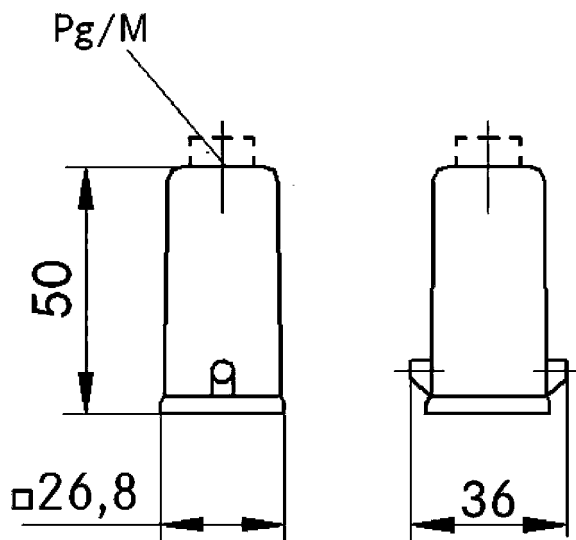
### Standards

Safety Standard

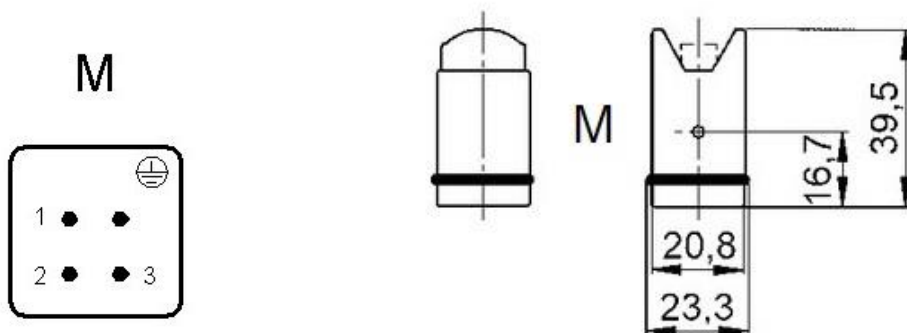
IEC 61984; UL 1977; CSA-C22.02

### Technical Drawings


Housing



Insert



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Industrial machinery and plant engineering



Mechanical resistance



Robust



Waterproof



Assembly time



Space requirement

### Info

Compact, robust 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.

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