75009601	DATA SHEET	LAPP
Valid from: 31.10.2018	EPIC® KIT H-A 3 SS TG M20	

Description

- H-A inserts, easy to service, with screw termination up to 2.5 mm² 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 mm² (2,5 mm² 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

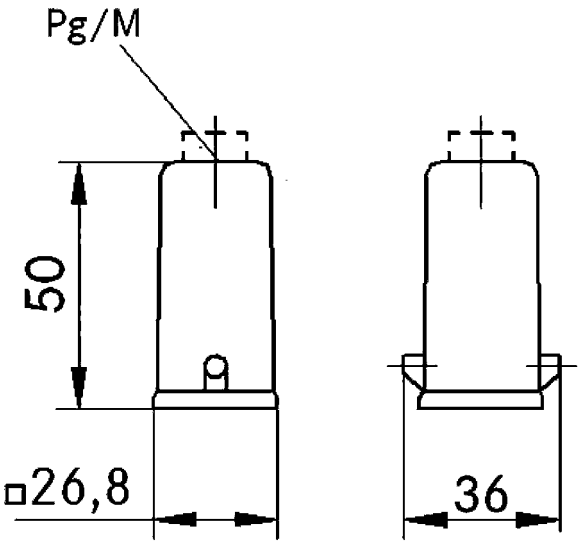
VDE-Approval, VDE-REG.-Nr.	B437
UL File Number	E75770
CSA File Number	053004

Standards

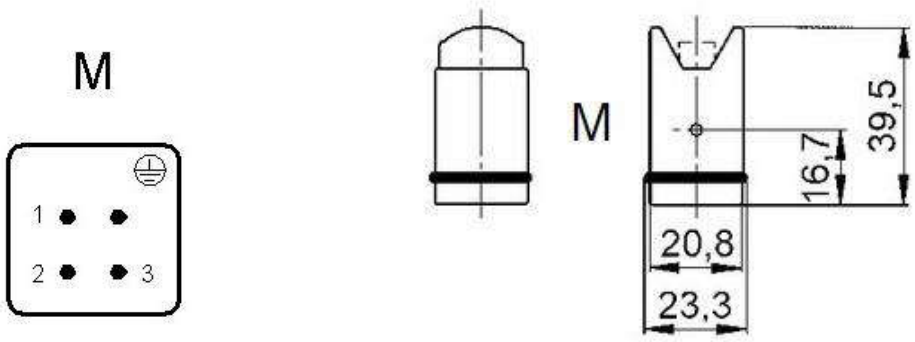
Safety Standard	IEC 61984; UL 1977; CSA-C22.02

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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