10540100	DATA SHEET	LAPP
Valid from: 18.09.2020	EPIC® H-A 48 SS / H-A 48 BS DR	

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 48
Version	Male/Female (Article 10541100)
Wire Protection	Yes
Number of Contacts	48 + 3 PE
Termination Methods	Screw termination: 0.5 - 2.5 mm² (2.5 mm² with conductor end sleeves depending on the crimping profile)
Protection (DIN EN 60529)	IP 65, latched to the housing
Protection (NEMA 250, UL50E)	4, 12, latched to the housing
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	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	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

Standard

Safety Standard	IEC 61984, UL 1977, CSA-C22.2 182.3

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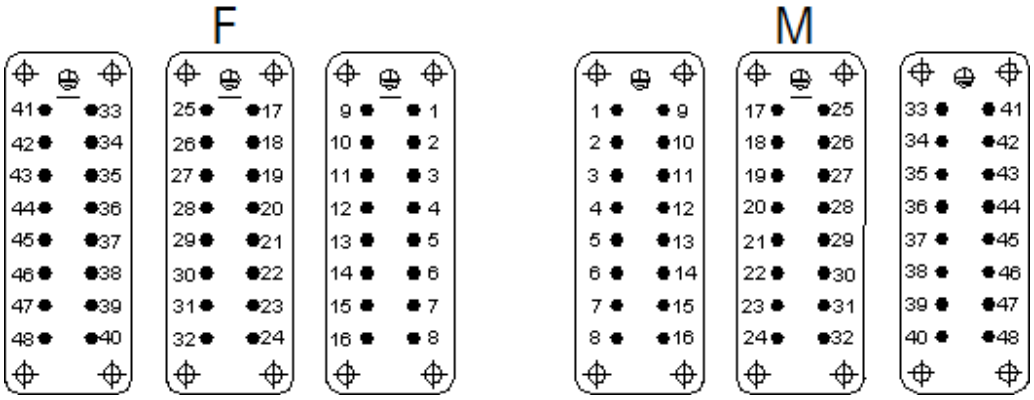
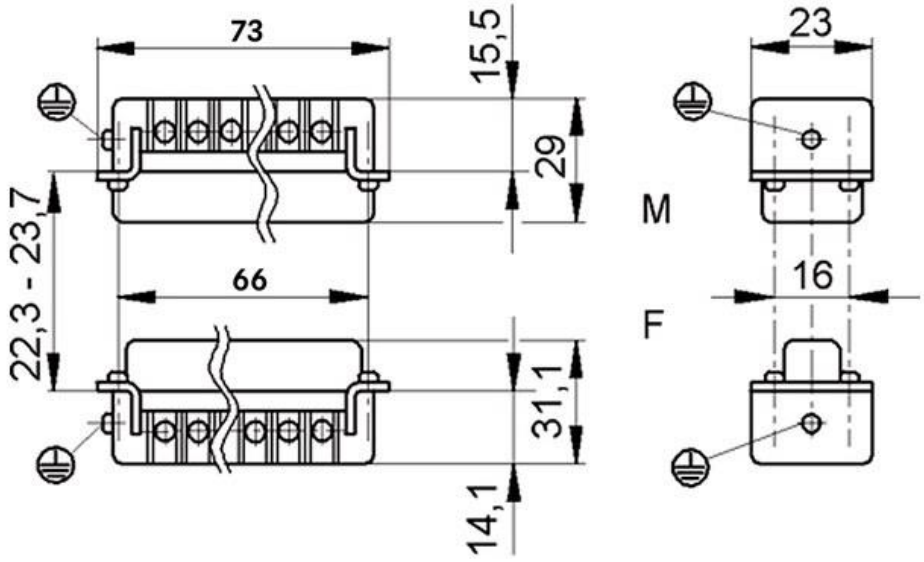
Technical Drawings







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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

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