


44423372	DATA SHEET	
Valid from: 31.10.2024	EPIC® H-Q 004/2 MC / FC	

Description

- Combination insert Power and Signal
- With 4 working contacts, 2 signal contacts and one PE in the proven crimp technology
- High performance crimping contacts
- Contacts with Crimp termination not included



General Characteristics

Series	H-Q 004/2
Version	Male/Female (Article 44423372 / 44423373)
Number of Contacts	4+2+PE
Suitable Contacts	EPIC® H-D 1.6 machined contacts EPIC® MH 4.0mm Contacts
Termination Methods (Signal)	Crimp Termination: 0,14 - 2,5 mm ² (AWG 26-14)
Termination Methods (Power)	Crimp Termination: 1,5 - 6 mm ² (AWG 16-10)
Temperature Range	-40°C to +125°C
Protection rating (DIN EN 60529)	IP 65 (latched with Housing)

Mechanical Characteristics

Cycle of mechanical operation	500
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Electrical Characteristics

Rated Voltage, UL/CSA	600/250 V
Rated Current, UL / CSA	10/40 A
Contact Resistance	< 1 mΩ
Degree of Soiling	3

Power:

Rated Voltage Conductor-Ground, IEC	400 V
Rated Voltage Conductor-Conductor, IEC	690 V
Rated Impulse Voltage	6 kV
Rated Current, IEC	40 A


Signal:

Rated Voltage, IEC	250 V
Rated Impulse Voltage	4 kV
Rated Current, IEC	10 A

Materials and Surfaces

Contacts	Copper alloy, hard silver/gold-plated
Insulating Body	Polycarbonate
Flammability Class according to UL 94	V0
Sealing	NBR
Mounting Screws	Stainless Steel 2,9x9,5

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Approvals

UL-Approval, E-File-Number

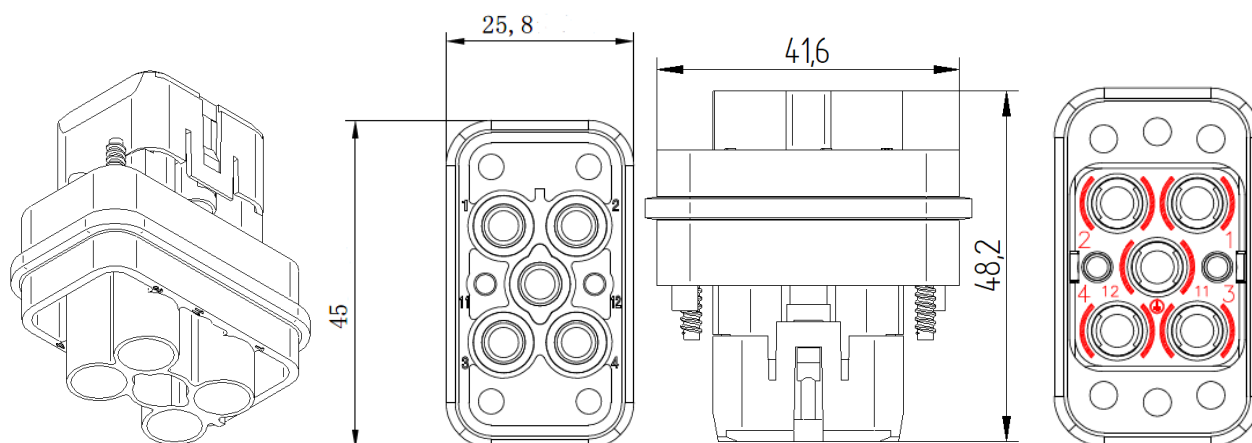
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Standards

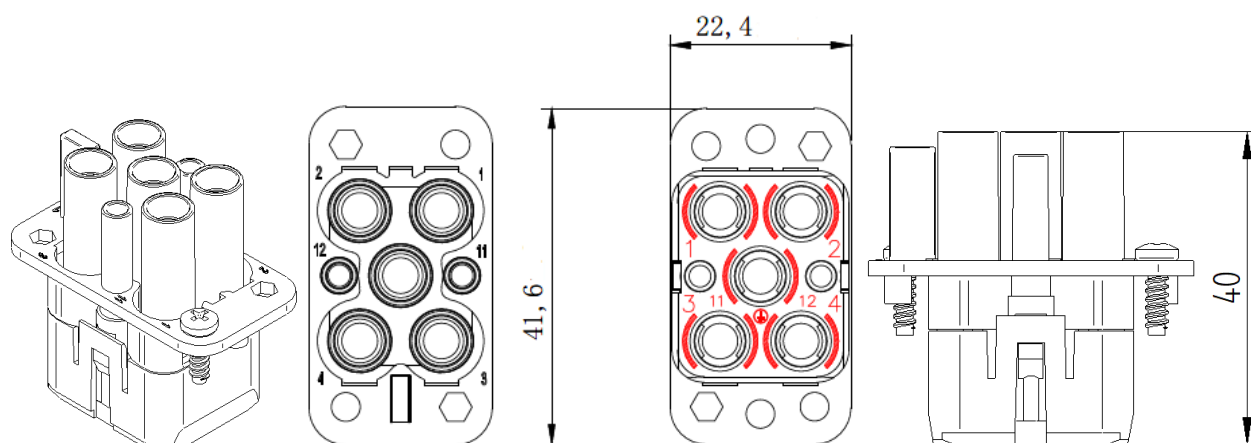
Safety Standards

IEC 61984, DIN EN ISO 60664, UL 1977; CSA 22.2
182.3

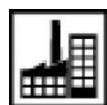
Technical Drawings



Technical Drawings and Polar Pattern MC



Technical Drawings and Polar Pattern FC



Industrial machinery and plant engineering


Info

Compact, powerful standard insert
Space saving, crimping contact

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Application range

Machine and equipment manufacturing
Control engineering

Remark

Photographs are not to scale and do not represent detailed images of the respective products.

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