44424071	DATA SHEET	LAPP
Valid from: 31.10.2024	EPIC H-Q 012/0 MC / EPIC H-Q 012/0 FC	

Description

- With 12 working contacts in proven crimp technology
- PE contact with screw connection
- High-performance crimp contacts

Male MCC

Female FCC

General Characteristics

Series	H-Q 12
Size	3A
Version	Male / Female: (Article 44424071 / 44424072)
Number of Contacts	12+PE
Termination Method Contacts	Crimp Termination: 0,14 – 2,5 mm² (AWG 26 – 14)
Termination Method PE	Screw Termionation: 0,5 – 2,5 mm² (AWG 20 – 14)
Temperature Range	-40°C to +125°C

Mechanical Characteristics

Cycle of mechanical operation	≥ 500

Electrical Characteristics

Rated Voltage, IEC	400 V
Rated Voltage, UL/CSA	600 V
Rated Impulse Voltage	6 kV
Rated Current, IEC	10 A
Contact Resistance	≤ 3 mΩ
Degree of Soiling	3

Materials and Surfaces

Contacts	Copper alloy, hard silver-plated, hard gold-plated
Insulating Body	Polycarbonate
Flammability Class according to UL 94	V0

Approvals

UL-Approval, E-File-Number	E75770

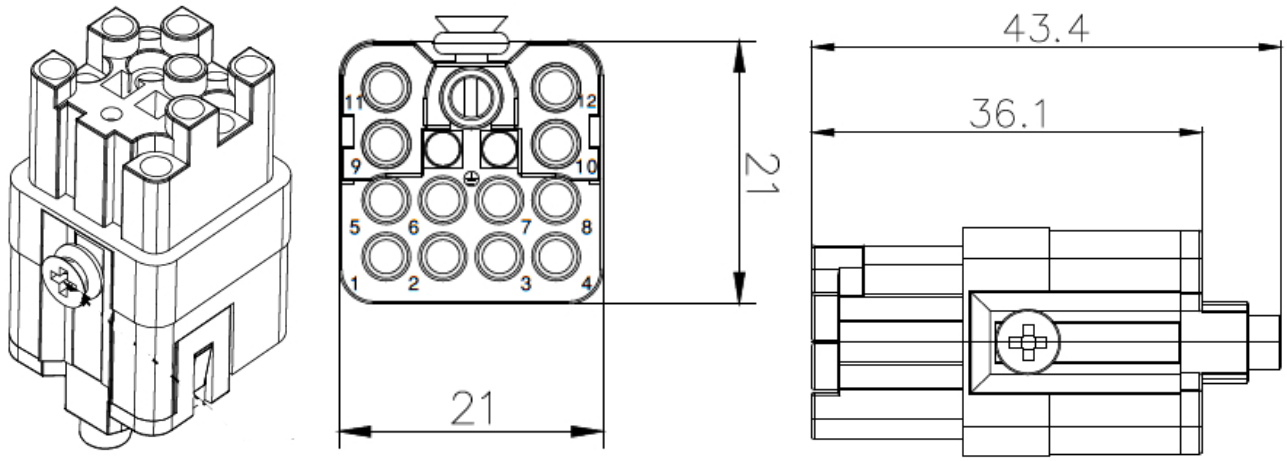
Standard

Safety Standard	IEC 61984, UL 1977

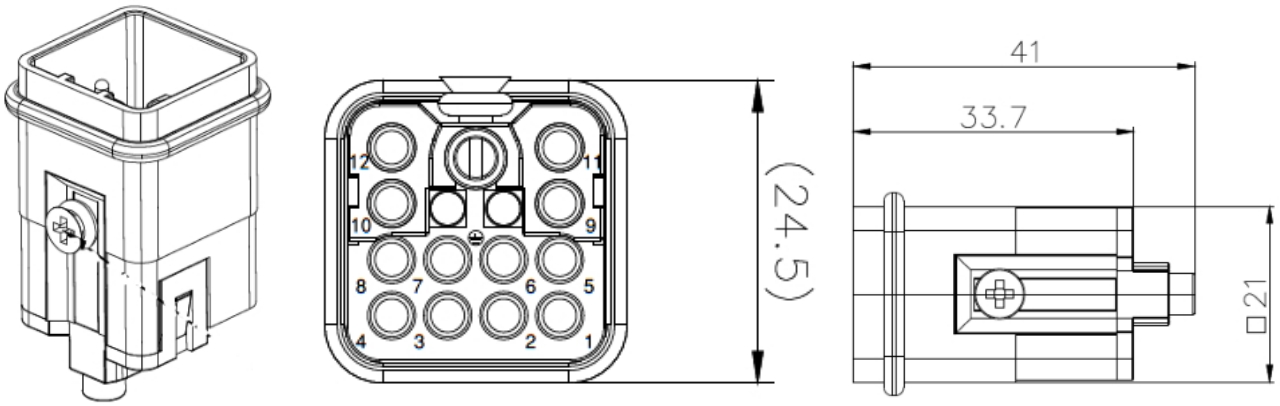
AbN
automation

We reserve all rights according to DIN ISO 16016.

Technical Drawings



Technical Drawing and Polar Pattern female FCC



Technical Drawing and Polar Pattern male MCC

Robust

– Temperature resistant

Info

Multifunctional insert for versatile applications
Screw, crimp, cage clamp and Push-In version - freely combinable

Application range

Mechanical engineering
Light & sound technology
Plastics industry

Remark

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

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