

44424055	DATA SHEET	
Valid from: 31.10.2024	EPIC H-A 003 MCC / H-A 003 FCC	

Description

- H-A inserts with cage clamp termination for cross sections up to 2.5 mm².
- The small H-A 3 / H-A 4 are used whenever there is minimal space.
- Easy to service screw connection.
- Easy cable connection with strait cable entry in the contacts.



Male MCC

Female FCC

General Characteristics

Series	H-A 3
Version	Male/Female (Article 44424055/44424056)
Number of Contacts	3+PE
Termination Methods	cage clamp termination: 0.5 - 2.5 mm ² (AWG 26 - 14) For wires with crimped wire ferrule, wire gauge: 0,14 - 1,0 mm ² (AWG 16)
Protection (DIN EN 60529)	IP65, latched to the housing
Temperature Range	-40°C to +125°C

Mechanical Characteristics

Cycle of mechanical operation	> 500
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Electrical Characteristics

Rated Voltage Conductor-Ground, IEC	230 V
Rated Voltage Conductor-Conductor, IEC	400 V
Rated Voltage, UL/CSA	600 V
Rated Impulse Voltage	4 kV
Rated Current, IEC	10 A
Contact Resistance	≤ 1 mΩ
Degree of Soiling	3

Materials and Surfaces

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

Approvals

UL-Approval, E-File-Number	E75770
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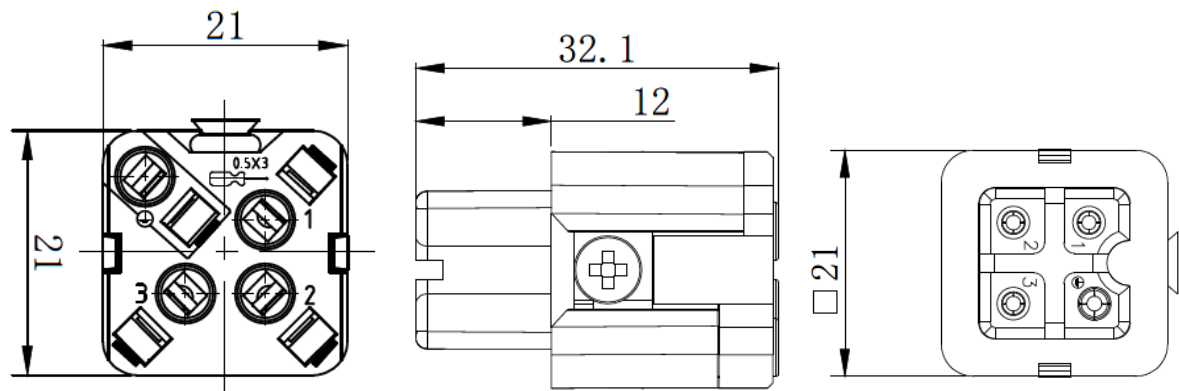
Standard

Safety Standard	IEC 61984, UL 1977
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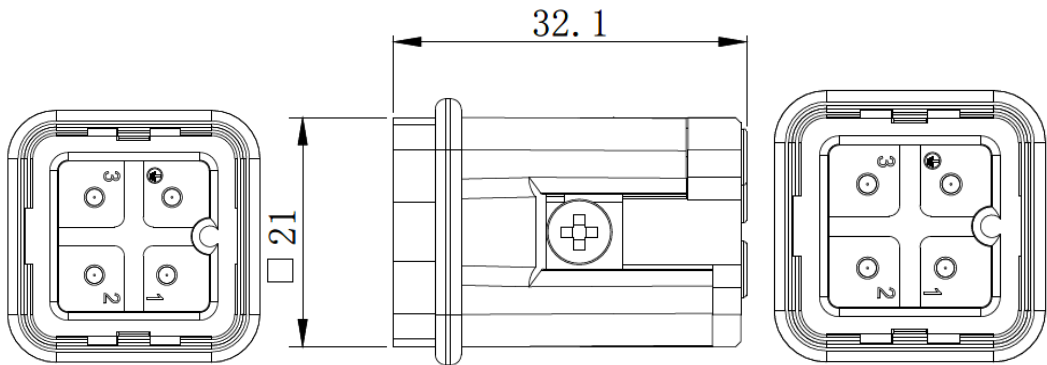
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Technical Drawings



Technical Drawing and Polar Pattern female FCC



Technical Drawing and Polar Pattern male MCC



Industrial machinery and plant engineering



Assembly time



Space requirement

Info

Robust power supply connector
Straight cable entry into the contacts

Application range

Machine and equipment manufacturing

Remark

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

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