

|                           |                                            |                                                                                    |
|---------------------------|--------------------------------------------|------------------------------------------------------------------------------------|
| 10431720                  | <b>DATA SHEET</b>                          |  |
| Valid from:<br>31.10.2024 | <b>EPIC H-Q 002 MAS / EPIC H-Q 002 FAS</b> |                                                                                    |

Description

- 2 working contacts and PE with axial screw connection



Male MCC                      Female FCC

General Characteristics

|                     |                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------|
| Series              | H-Q 002                                                                                                                    |
| Size                | 3A                                                                                                                         |
| Version             | Male / Female H-Q 2.1: (Article 10431720 / 10431722)<br>Male / Female H-Q 2.2: (Article 10431721 / 10431723)               |
| Number of Contacts  | 2+PE                                                                                                                       |
| Termination Methods | Axial Screw Termination:<br>H-Q 2.1: 2.5 - 6 mm <sup>2</sup> (AWG 14 - 10)<br>H-Q 2.2: 6 - 10 mm <sup>2</sup> (AWG 12 - 8) |
| Stripping Length    | 8-9 mm                                                                                                                     |
| 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 | 400 V  |
| Rated Impulse Voltage | 6 kV   |
| Rated Current, IEC    | 40 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 |
|----------------------------|--------|

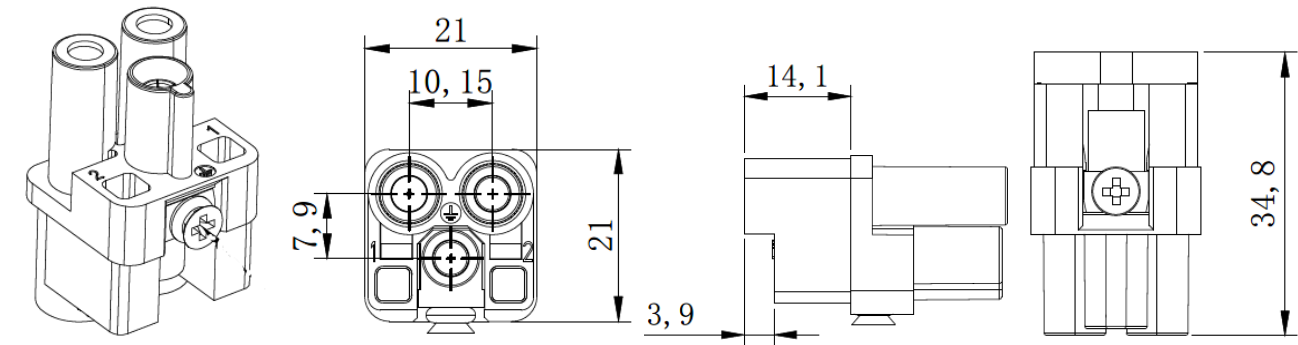
Standard

|                 |                    |
|-----------------|--------------------|
| Safety Standard | IEC 61984, UL 1977 |
|-----------------|--------------------|

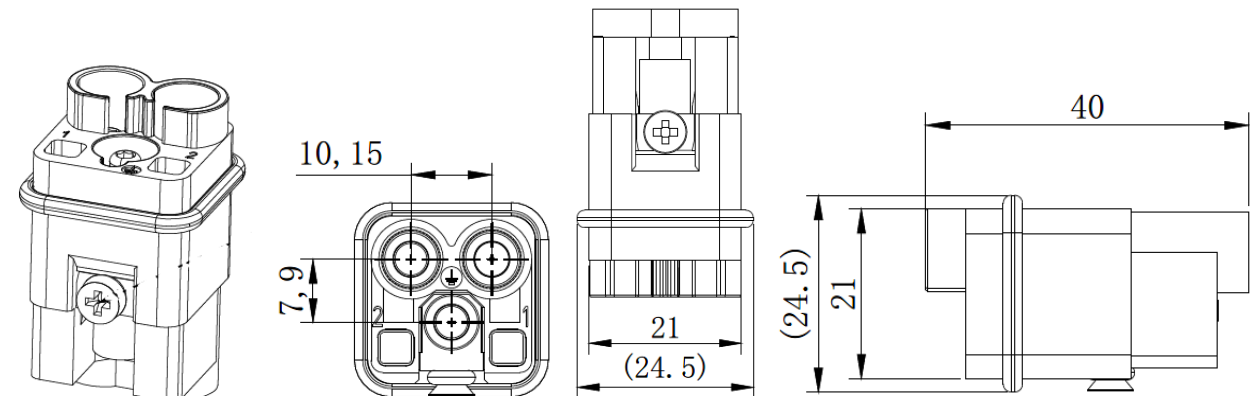
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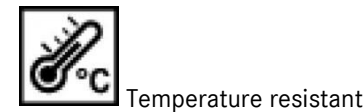
### Technical Drawings



Technical Drawing and Polar Pattern female FCC



Technical Drawing and Polar Pattern male MCC



### 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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