

|                           |                                    |                                                                                     |
|---------------------------|------------------------------------|-------------------------------------------------------------------------------------|
| 44424049                  | <b>DATA SHEET</b>                  |  |
| Valid from:<br>03.07.2024 | <b>EPIC® H-Q 12 SC / H-Q 12 BC</b> |                                                                                     |

## Description

- With 12 working contacts in the proven crimp technology and one PE contact with screw termination.
- High performance crimping contacts
- PE contact with screw connection



## General Characteristics

|                     |                                               |
|---------------------|-----------------------------------------------|
| Series              | H-Q 12                                        |
| Version             | Male/Female(Article 44424049 / 44424050)      |
| Number of Contacts  | 12+PE                                         |
| Termination Methods | Crimp termination: 0,14 - 2.5 mm <sup>2</sup> |
| Temperature Range   | -40°C to +120°C, short-term up to +125°C      |

## Mechanical Characteristics

|                               |     |
|-------------------------------|-----|
| Cycle of mechanical operation | 200 |
|-------------------------------|-----|

## Electrical Characteristics

|                       |          |
|-----------------------|----------|
| Rated Voltage, IEC    | 400 V    |
| Rated Voltage, UL     | 600 V    |
| Rated Voltage, CSA    | 600 V    |
| Rated Impulse Voltage | 6 kV     |
| Rated Current, IEC    | 10 A     |
| Rated Current, UL     | 14 A     |
| Rated Current, CSA    | 10 A     |
| Contact Resistance    | < 3 mOhm |
| Degree of Soiling     | 3        |

## Materials and Surfaces

|                                       |                                       |
|---------------------------------------|---------------------------------------|
| Contacts                              | Copper alloy, hard silver/gold-plated |
| Flammability Class according to UL 94 | V0                                    |

## Approvals

|                            |        |
|----------------------------|--------|
| UL-Approval, E-File-Number | E75770 |
|----------------------------|--------|

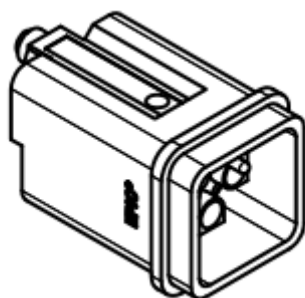
## Standard

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

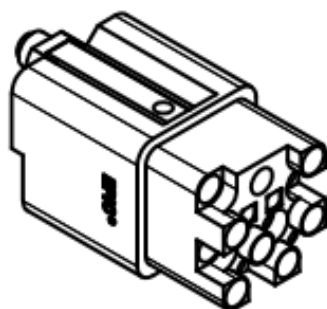
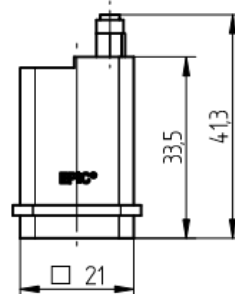
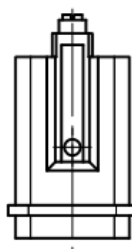
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| Creator: JOKR1/PDP<br>Released: IVSE1/PDP | Document: DB44424049EN<br>Version: 02 | Page 1 of 2 |
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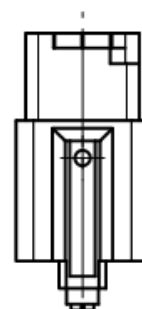
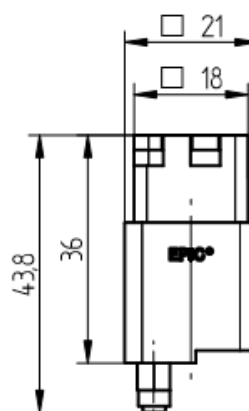
## Technical Drawings



Polbild - M



Polbild - F



Industrial machinery and plant engineering

### Info

Compact, powerful standard insert  
Space saving, crimping contact

### 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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