

|                           |   |
|---------------------------|---|
| 44424030                  | <b>DATA SHEET</b>                       |
| Valid from:<br>12.06.2024 | <b>POWER MODULE MCS-HHC1 / MCB-HHC1</b> |

## Description

- The mixed assembly guarantees high flexibility. For applications in mechanical and plant engineering, for printing machines and slide-in technology.
- Very high current transfer
- Crimp connection for permanent vibration proof contact



## General Characteristics

|                     |  |
|---------------------|--|
| Series              | POWER Modul                                    |
| Number of Contacts  | 1  |
| Termination Methods | Crimp termination: 50.0 – 95.0 mm <sup>2</sup> |
| Temperature Range   | -40°C to +125°C                                |

| Artikel No. | Module | VPE |
|-------------|--------|-----|
| 44424030*   | Male   | 1   |
| 44424031*   | Female | 1   |

## Mechanical Characteristics

|                                |     |
|--------------------------------|-----|
| Cycles of mechanical operation | 500 |
|--------------------------------|-----|

## Electrical Characteristics

|                               |        |
|-------------------------------|--------|
| Rated Voltage                 | 1000 V |
| Rated impulse voltage, UL/CSA | 600 V  |
| Rated impulse voltage         | 8 kV   |
| Rated Current                 | 320 A  |
| Pollution Degree              | 3      |

## Materials and Surfaces

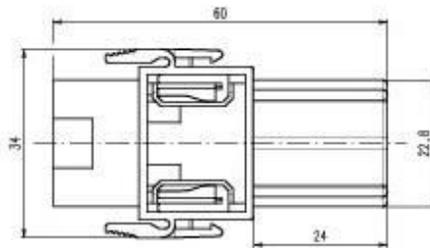
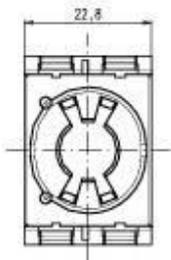
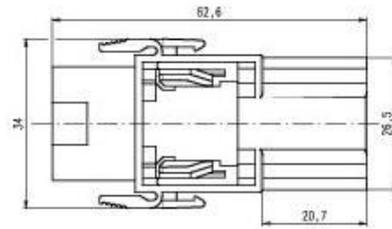
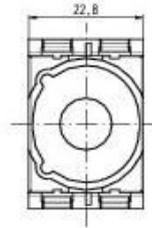
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|---------------------------------------|-----|
| Module                                | PA6 |
| Flammability Class according to UL 94 | V0  |

## Approvals

|                |        |
|----------------|--------|
| UL-File-Number | E75770 |
|----------------|--------|



44424030

**DATA SHEET**Valid from:  
12.06.2024**POWER MODULE MCS-HHC1 / MCB-HHC1****Technical Drawing**

Automation



Industrial machinery and plant engineering



Wind Energy

**Info**

Extremely high current for sufficient power reserves

Versatile functions in one connector

**Application range**

Robotics industry

Renewable energy

Plant engineering

Mechanical engineering

**Remark**

Due to reduced cross sections at PE contacts of frames, the PE contact has to be additionally protected against short circuits by using a protection circuit offering a sufficiently short breaking time (<0.25s).

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

\* Trade product, no Lapp product