



## EPIC® MH 8

High flexibility by the use of any combination of inserts in one connector



**Info**

- Modular connector system, pluggable with the market standard
- Module 8 pole for control signals

### Suitable housing

- EPIC MH 6 R Page 570
- EPIC MH 10 R Page 570
- EPIC MH 16 R Page 570
- EPIC MH 24 R Page 570
- EPIC® H-B housing use in high version

### Suitable contacts:

- EPIC® H-BE 2.5 machined contacts Page 590

### Benefits

- Module 8 pole for control signals
- Crimp connection for permanent vibration proof contact
- EPIC® MH system is mateable with the market standard
- The mix of different functions in one plug guarantees high flexibility
- Railway applications
  - Fire protection on railway vehicles: Test according EN 45545-2. Requirement sets R22 and R23. Hazard level HL1, HL2 and HL4

### Application range

- Mechanical engineering
- Robotics industry
- Plant engineering
- Renewable energy
- Railway applications / vehicle construction

### Technical data

|   |  |
|---|--|
| <p><b>Classification ETIM 5/6</b><br/>ETIM 5.0/6.0 Class-ID: EC002641<br/>ETIM 5.0/6.0 Class-Description: Modular connector (industrial connector)</p> <p><b>Rated voltage (V)</b><br/>400 V</p> <p><b>Rated impulse voltage</b><br/>6 kV</p> <p><b>Rated current (A)</b><br/>16 A</p> <p><b>Pollution degree</b><br/>3</p> <p><b>Flammability</b><br/>UL94 V-0</p> | <p><b>Contact resistance</b><br/>&lt; 5 mOhm</p> <p><b>Number of contacts</b><br/>8</p> <p><b>Termination methods</b><br/>Crimp termination</p> <p><b>Material</b><br/>Polyamide, glass fibre-reinforced</p> <p><b>Cycle of mechanical operation</b><br/>500</p> <p><b>Certifications</b><br/>UL-tested:<br/>UL File Number: E75770</p> <p><b>Temperature range</b><br/>-40°C<br/>+125°C</p> |
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| Article number    | Article description | Contact type | Number of operating contacts | Slots | Pieces / PU |
|-------------------|---------------------|--------------|------------------------------|-------|-------------|
| <b>EPIC® MH 8</b> |                     |              |                              |       |             |
| 44423220          | EPIC® MHS 8 CM      | male         | 8                            | 1     | 10          |
| 44423221          | EPIC® MHB 8 CM      | female       | 8                            | 1     | 10          |

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