



**EPIC® MH 12**

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



**i Info**

- Modular connector system, pluggable with the market standard
- Module 12 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-D 1.6 machined contacts Page 587

**Benefits**

- Module 12 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**

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| <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/>250 V</p> <p><b>Rated impulse voltage</b><br/>4 kV</p> <p> <b>Rated current (A)</b><br/>10 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/>12</p> <p> <b>Termination methods</b><br/>Crimp termination: 0.14 - 2.5 mm<sup>2</sup></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 12</b> |                     |              |                              |       |             |
| 44423222           | EPIC® MHS 12 CM     | male         | 12                           | 1     | 10          |
| 44423223           | EPIC® MHB 12 CM     | female       | 12                           | 1     | 10          |

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