



## EPIC® MH 3

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



**Info**

- Modular connector system, pluggable with the market standard
- Power module 3pole for compact power transmission

### 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 MH 4.0mm Contacts Page 595

### Benefits

- Power module 3pole for compact power transmission
- 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>                  ETIM 5.0/6.0 Class-ID: EC002641                  ETIM 5.0/6.0 Class-Description:                  Modular connector (industrial connector)</p> <p><b>Rated voltage (V)</b>                  400 V (conductor - ground)                  690 V (conductor - conductor)</p> <p><b>Rated impulse voltage</b>                  8 kV</p> <p><b>Rated current (A)</b>                  40</p> <p><b>Pollution degree</b>                  3</p> <p><b>Flammability</b>                  UL94 V-0</p>	<p><b>Contact resistance</b>                  &lt; 5 mOhm</p> <p><b>Number of contacts</b>                  3</p> <p><b>Termination methods</b>                  Crimp termination: 1.5 mm<sup>2</sup> - 10 mm<sup>2</sup></p> <p><b>Material</b>                  Polyamide, glass fibre-reinforced</p> <p><b>Cycle of mechanical operation</b>                  500</p> <p><b>Certifications</b>                  UL-tested:                  UL File Number: E75770</p> <p><b>Temperature range</b>                  -40°C                  +125°C</p>
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Article number	Article description	Contact type	Number of operating contacts	Slots	Pieces / PU
<b>EPIC® MH 3</b>					
44423214	EPIC® MHS 3 CM	male	3	1	10
44423215	EPIC® MHB 3 CM	female	3	1	10

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