



**EPIC® MH Gigabit Modul**

The mixed assembly guarantees high flexibility. For applications in mechanical and plant engineering, for printing machines and slide-in technology.



**i Info**

- Modular connector system, mateable with the market standard
- Gigabit module for Ethernet data rates up to 10 GBit/s, Cat. 7

**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

**Suitable contacts:**

- EPIC® MH 1.0mm contacts machined Page 585

**Benefits**

- Gigabitmodule, all around shielded, 4 pair of wires, for Ethernet data rates up to 10 GBit/s, Cat. 7
- 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**

- Industrial machinery and plant engineering
- Industry 4.0 applications
- Robotics industry
- Renewable energy
- Railway applications / vehicle construction

**Technical data**

<b>Rated voltage (V)</b> 50	<b>Number of contacts</b> 8
<b>Rated impulse voltage</b> 0,8 kV	<b>Material</b> PA Polyamid Zinc die-cast
<b>Rated current (A)</b> 5	<b>Cycle of mechanical operation</b> 500
<b>Flammability</b> UL94 V-0	<b>Temperature range</b> -40°C +125°C

Article number	Article description	Contact type	Connection cross section (mm²)	Slots	Pieces / PU
<b>EPIC® MH Gigabit Kit</b>					
44423291	EPIC® MHS Gigabit Kit small	male	5.00 - 7.00	1	1
44423292	EPIC® MHB Gigabit Kit small	female	5.00 - 7.00	1	1
44423326	EPIC® MHS Gigabit Kit medium	male	7.00 - 10.00	1	1
44423327	EPIC® MHB Gigabit Kit medium	female	7.00 - 10.00	1	1
<b>EPIC® MH Gigabit Insulating body</b>					
44423276	EPIC® MHS Gigabit	male		1	10
44423277	EPIC® MHB Gigabit	female		1	10
<b>EPIC® MH Gigabit contact body metal</b>					
44423278	EPIC® MHS Gigabit PIN	male			10
44423279	EPIC® MHS Gigabit PIN + GND	male			10
44423280	EPIC® MHB Gigabit PIN	female			10
44423281	EPIC® MHB Gigabit PIN + GND	female			10
<b>EPIC® MH Gigabit cable clamp</b>					
44423282	EPIC® MH Clamp 5 - 7 mm		5.00 - 7.00		10
44423283	EPIC® MH Clamp 7 - 10 mm		7.00 - 10.00		10
44423284	EPIC® MH Clamp 10 - 12 mm		10.00 - 12.00		10

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