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44423215	DATA SHEET	LAPP
Valid from: 17.09.2018	EPIC® MHB 3 CM	

Description

- Power module 3-pin 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 is one plug guarantees high flexibility



General characteristics

Contact type	socket
Number of contacts	3
Mating cycles	500
Material	Polyamide, glass fibre-reinforced
Inflammability class acc. with UL 94	V0
Pollution degree	3
Temperatue range	-40° C to +125° C
Termination methods	crimp termination: 1.5 - 10 mm²
Suitable frame	Epic® MH 6 multi-frame Epic® MH 10 multi-frame Epic® MH 16 multi-frame Epic® MH 24 multi-frame
Suitable contacts	Epic® MH 4.0mm contacts

Electrical characteristics

Rated voltage	400 V (Conductor-PE); 690 V (Conductor-Conductor)
Contact resistance	< 5 mΩ
Rated impuls voltage	8 kV
Rated current	40 A

Standards/Approvals

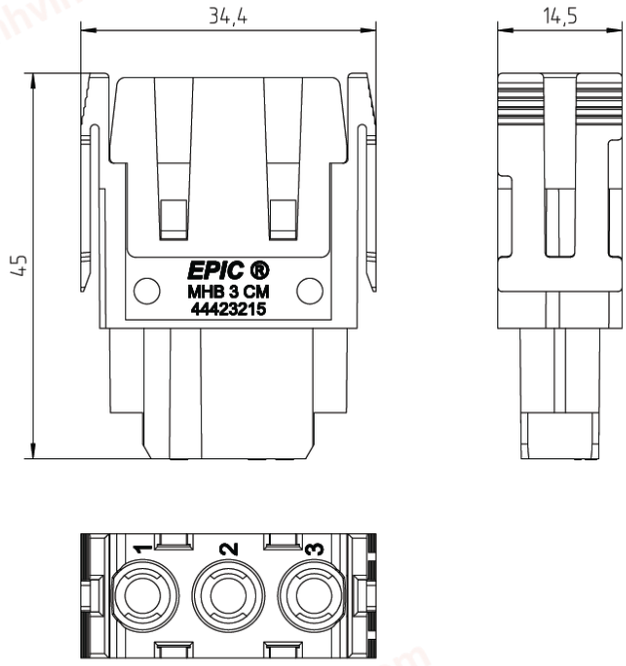
Fire protection on railway vehicles	according EN 45545-2 requirement sets R22 and R23 hazard level HL1, HL2 and HL3

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Drawings



Note

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