

44423222	DATA SHEET	
Valid from: 17.09.2018	EPIC® MHS 12 CM	

Description

- Module 12-pin 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



General characteristics

Contact type	plug
Number of contacts	12
Mating cycles	500
Material	Polyamide, glass fibre-reinforced
Inflammability class acc. with UL 94	V0
Pollution degree	3
Temperature range	-40° C to +125° C
Termination methods	crimp termination: 0.14 – 2.50 mm ² EPIC® MH 6 multi-frame EPIC® MH 10 multi-frame EPIC® MH 16 multi-frame EPIC® MH 24 multi-frame
Suitable frame	EPIC® H-D 1.6 machined contacts
Suitable contacts	

Electrical characteristics

Rated voltage	250 V Conductor-PE; 400 V Conductor-Conductor
Contact resistance	< 5 mΩ
Rated impulse voltage	4 kV
Rated current	10 A

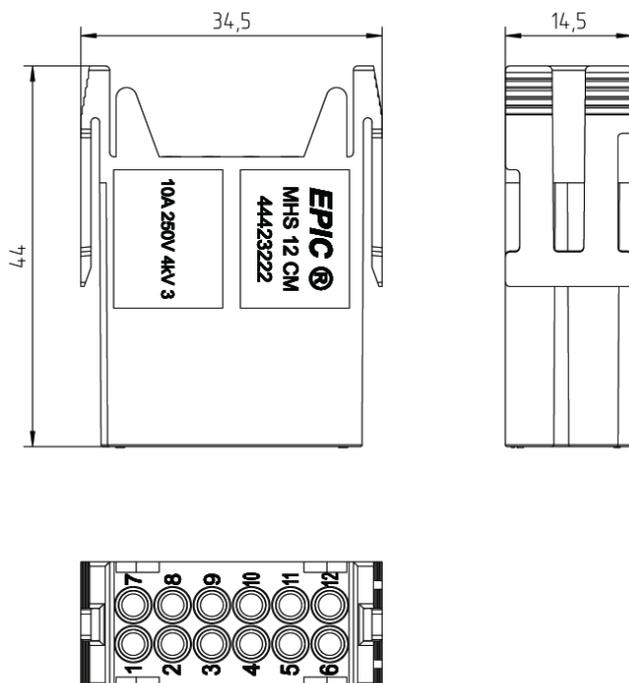
Standards/Approvals

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

Creator: JOKR1/PDP Released: IVSE1/PDP	Document: DB44423222EN Version: 02	Page 1 of 2
-------------------------------------------	---------------------------------------	-------------

44423222	DATA SHEET	
Valid from: 17.09.2018	EPIC® MHS 12 CM	

Drawings



Note

Photographs are not to scale and do not represent detailed images of the respective products.

Creator: JOKR1/PDP Released: IVSE1/PDP	Document: DB44423222EN Version: 02	Page 2 of 2
-------------------------------------------	---------------------------------------	-------------