

44423364	<b>DATA SHEET</b>	
Valid from: 31.03.2022	<b>EPIC<sup>®</sup> MHS 2 40A CM</b>	

## Description

- Power module 2-pin for compact power transmission
- Crimp connection for permanent vibration-proof contact
- EPIC<sup>®</sup> 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	2
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: 1.5 - 10 mm <sup>2</sup> EPIC <sup>®</sup> MH 6 multi-frame EPIC <sup>®</sup> MH 10 multi-frame EPIC <sup>®</sup> MH 16 multi-frame EPIC <sup>®</sup> MH 24 multi-frame
Suitable frame	EPIC <sup>®</sup> MH 4.0mm contacts
Suitable contacts	

## Electrical characteristics

Rated voltage	1000 V (Conductor-PE); 1000 V (Conductor-Conductor)
Contact resistance	< 5 mΩ
Rated impulse voltage	8 kV
Rated current	40 A

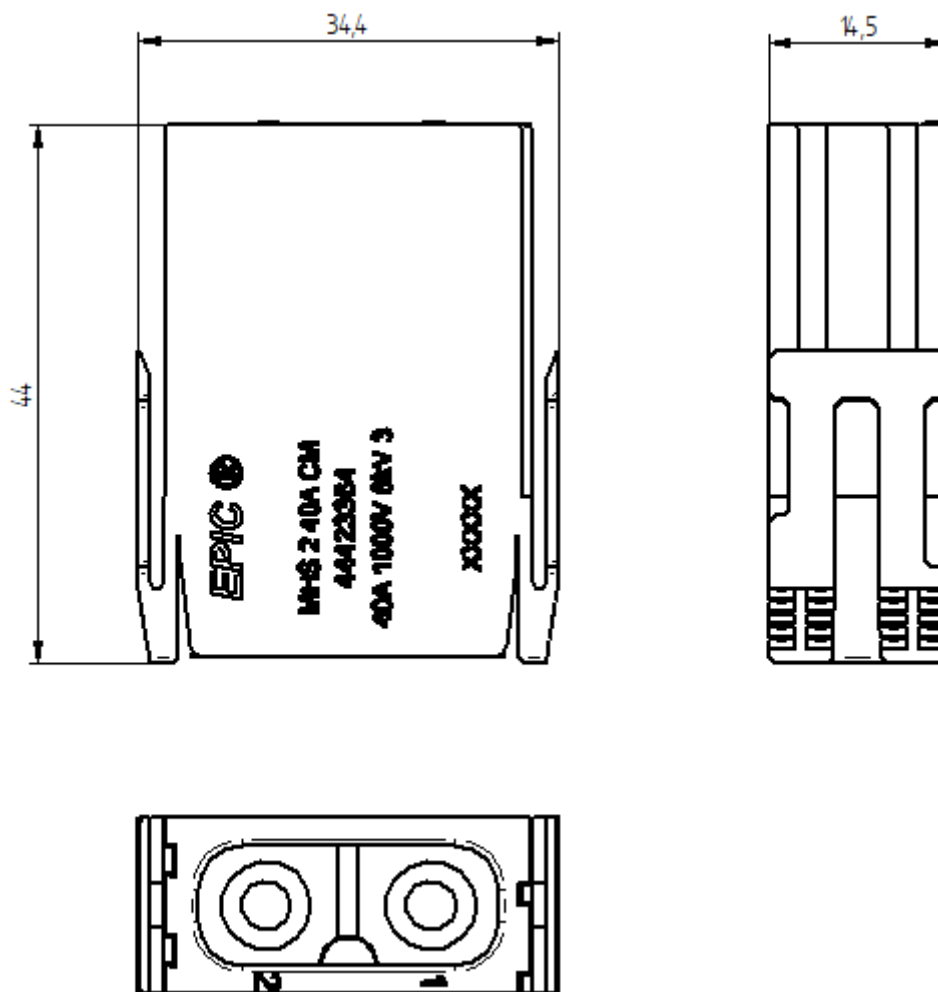
## Standards/Approvals

cURus	According UL1977: in preparation
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: DB44423364EN Version: 00	Page 1 of 2
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## Drawings



## Note

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

Creator: JOKR1/PDP Released: IVSE1/PDP	Document: DB44423364EN Version: 00	Page 2 of 2
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