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|---------------------------|-----------------------|-------------------------------------------------------------------------------------|
| 44423215                  | <b>DATA SHEET</b>     |  |
| Valid from:<br>17.09.2018 | <b>EPIC® MHB 3 CM</b> |                                                                                     |

## 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                                                                                                                                                                                 |
| Temperature range                    | -40° C to +125° C                                                                                                                                                                 |
| Termination methods                  | crimp termination: 1.5 - 10 mm <sup>2</sup><br>Epic® MH 6 multi-frame<br>Epic® MH 10 multi-frame<br>Epic® MH 16 multi-frame<br>Epic® MH 24 multi-frame<br>Epic® MH 4.0mm contacts |
| Suitable frame                       |                                                                                                                                                                                   |
| Suitable 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                                              |

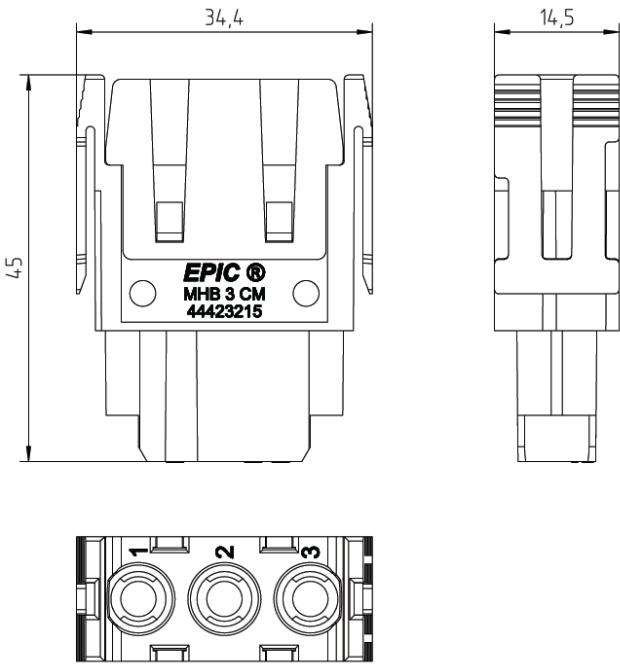
## Standards/Approvals

|                                     |                                                                                       |
|-------------------------------------|---------------------------------------------------------------------------------------|
| Fire protection on railway vehicles | according EN 45545-2<br>requirement sets R22 and R23<br>hazard level HL1, HL2 and HL3 |
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**Drawings**



**Note**

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

|                                           |                                         |             |
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