

EPIC® MH 2 40A

High flexibility by the use of any combination of modules in one connector

2-pole rectangular connector insert for modular system EPIC® MH, powerful up to 40 A, also for railway applications.

Info

Power module 2 pole for compact power transmission

Modular connector system, pluggable with the market standard



Supplementary automation components from Lapp



Food & Beverage



Mechanical and plant engineering



Rail



Wind Energy



Flame-retardant

Benefits

Module with 2 power contacts for power supply up to 40 A and voltages up to 1000 V.

Modular assembled connectors are pluggable with market standard connectors.

Crimp connection creates a vibration-proof connection, ensures maximum contacting reliability between contact and cable and is suitable for automated assembly.

Different crimp contacts available for different conductor cross-sections.

Snaps effortlessly into the fixed EPIC® MH multi-frame with a clicking sound. Easier to assemble than folding and sliding frames.

Application range

For the production of a modular connector insert.

Can be used with many EPIC® rectangular connector housings.

Can be used in rail vehicles in compliance with standards (fire behaviour test according to DIN EN 45545-2:2016-02, requirement sets R22 and R23, hazard levels HL1, HL2 and HL3).

Last Update (22.02.2024)

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Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03.16

EPIC® MH 2 40A

Technical Data

| | |
|--------------------------------|---|
| Classification ETIM 5: | ETIM 5.0 Class-ID: EC002641 ETIM 5.0 Class-Description: Modular connector |
| Classification ETIM 6: | ETIM 6.0 Class-ID: EC002641 ETIM 6.0 Class-Description: Modular connector (industrial connector) |
| Rated voltage (V): | 1000 V AC/DC |
| Rated impulse voltage: | 8 kV |
| Rated current (A): | 40 |
| Pollution degree: | 3 |
| Flammability: | UL94 V-0 |
| Contact resistance: | < 5 mOhm |
| Number of contacts: | 2 |
| Termination methods: | Crimp termination: 1.5 - 10 mm ² |
| Material: | Polyamide, glass fibre-reinforced |
| Cycle of mechanical operation: | 500 |
| VDE-tested: | UL: in preparation |
| Temperature range: | -40°C to +125°C |

Note

Photographs and graphics are not to scale and do not represent detailed images of the respective products.
Prices are net prices without VAT and surcharges. Sale to business customers only.

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| Article number | Article description | Contact type | Number of operating contacts | Slots |
|----------------|---------------------|--------------|------------------------------|-------|
| 44423364 | EPIC® MHS 2 40A CM | male | 2 | 1 |
| 44423365 | EPIC® MHB 2 40A CM | female | 2 | 1 |

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