


44423340	DATA SHEET	
Valid from: 26.02.2020	EPIC® MHS/MHB 6 LWL MODULE LC	

Description


- Fiber optic module for high transmission rates
- Due to the transmission by means of light pulses, interference free, even with high electromagnetic influences from outside. EPIC® MH system is mateable with the market standard
- The mix of different functions in one plug guarantees high flexibility



General characteristics

Type	Female insulation body (44423341) Male insulation body 44423340
Number of contacts	6
Mating cycles	≥ 500
Material	Polyamid, glasfiber reinforced
Inflammability class acc. with UL 94	V0
Temperatue range	-40° C to +125° C
Suitable LWL Patchcords	Singlemode: GOF Duplex Patchcord LC/LC E9 OS2 (Art.Nr. 29033902) Multimode: GOF Duplex Patchcord LC/LC G62.5 OM 1 (Art.Nr. 29033102) Multimode: GOF Duplex Patchcord LC/LC G50 OM 2 (Art.Nr. 29033202) Multimode: GOF Duplex Patchcord LC/LC G50 OM 3 (Art.Nr. 29033302) Multimode: GOF Duplex Patchcord LC/LC G50 OM 4 (Art.Nr. 29033402)
(Der LWL-Standard must be identical at male and female side!)	
Suitable male frame	EPIC® MHS 6 multi-frame (Art.Nr. 44423234) EPIC® MHS 10 multi-frame (Art.Nr. 44423236) EPIC® MHS 16 multi-frame (Art.Nr. 44423238) EPIC® MHS 24 multi-frame (Art.Nr. 44423240)
Suitable female frame	EPIC® MHB 6 multi-frame (Art.Nr. 44423235) EPIC® MHB 10 multi-frame (Art.Nr. 44423237) EPIC® MHB 16 multi-frame (Art.Nr. 44423239) EPIC® MHB 24 multi-frame (Art.Nr. 44423241)

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Transmission characteristics

Damping $\leq 0,75$ dB

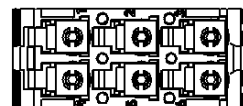
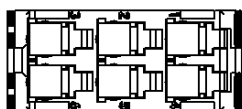
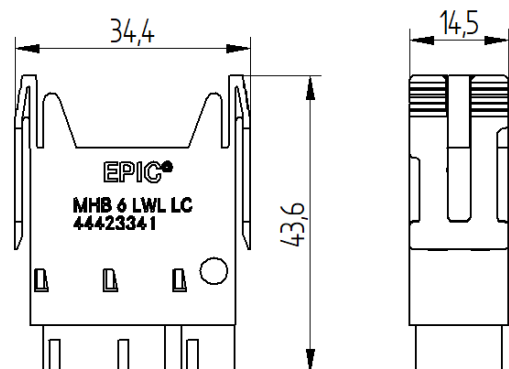
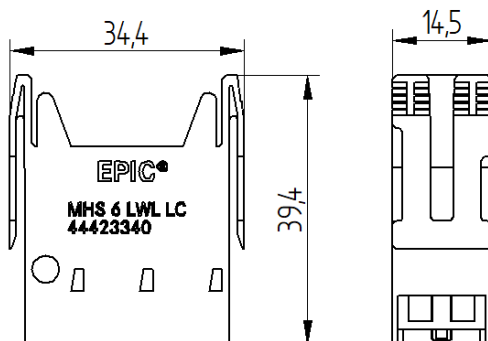
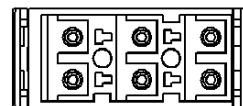
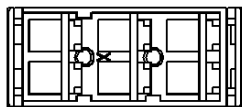
Standards/Approvals

Fire protection on railway vehicles	according to EN 45545-2 Requirement sets R22 and R23 Hazard level HL1, HL2 and HL3
Damping class	ISO/IEC 11801-1
cURus approval in preparation	

Drawings

male insulation body unprotected

female insulation body protected



Note

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

The LWL-Plugs must be cleaned and the attenuation measured before each connection. To achieve an attenuation of ≤ 0.75 dB, cleaning can be carried out several times.

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