

FO converters - FL MC 1000 ST - 2891321

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FO converter with ST fiber optic connection (1300 nm), for converting 100Base-TX to multi-mode fiberglass. Auto MDI(X) function and comprehensive link diagnostics. DIN rail mountable.

Product Description

The FL MC 1000 ST media converter comes with one 10/100 Mbps twisted-pair RJ45 port and one 100 Mbps multimode fiber port with an ST connector

Why buy this product


- Auto MDI/MDI-X switch-over
- Link fault pass through (LFP) function for easy connection monitoring
- Data transfer rates of 100 Mbps



Ethernet



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 869621
Weight per Piece (excluding packing)	278.0 g
Custom tariff number	85176200
Country of origin	Taiwan

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Dimensions

Width	28 mm
Height	110 mm
Depth	70 mm

Ambient conditions

Ambient temperature (operation)	0 °C ... 60 °C
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Technical data

Ambient conditions

Ambient temperature (storage/transport)	0 °C ... 70 °C
Permissible humidity (operation)	5 % ... 95 % ((non-condensing))

General

Electrical isolation	VCC // FE // Ethernet
Latency	± 1.3 µs (Store&Forward mode, 10/100 Mbps, depending on the frame size)
Test voltage data interface/power supply	500 V DC
Mounting position	On horizontal DIN rail NS 35 in acc. with EN 60715
Net weight	278 g

Power supply

Nominal supply voltage	24 V DC
Supply voltage range	12 V DC ... 48 V DC
Typical current consumption	73 mA (24 V DC)
Connection method	Plug-in/screw connection via COMBICON

Serial interface

Interface 1	Ethernet interface, 100Base-Tx in acc. with IEEE 802.3u
Connection method	RJ45 socket, shielded
Transmission medium	Copper
Transmission length	100 m (twisted pair, shielded)
Link through	Link fault pass through
MDI-/MDI-X switchover	Auto-MDI(X)
Signal LEDs	LNK/ACT, 100
Serial transmission speed	10/100 Mbps

Optical interface FO

Wavelength	1310 nm
Transmission length incl. 3 dB system reserve	8 km (fiberglass with F-G 62.5/125 0.7 dB/km F1000)
	3.3 km (fiberglass with F-G 62.5/125 2.6 dB/km F600)
	9.6 km (fiberglass with F-G 50/125 0.7 dB/km F1200)
	5.3 km (fiberglass with F-G 50/125 1.6 dB/km F800)
	2 km (HCS GI fiber with F-GK 200/230)
Transmission medium	Multi-mode fiberglass
	GI-HCS fiber
Connection method	ST

Classifications

eCl@ss

eCl@ss 5.1	27230207
eCl@ss 6.0	27230207

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Classifications

eCl@ss

eCl@ss 8.0	27143136
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ETIM

ETIM 5.0	EC001099
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