



Automatización Eléctrica
Especialistas en Automatización

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FO converters - FL MC EF WDM-SET SC - 2902660

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FO converter set, consisting of type A devices and type B devices, for full duplex transmission from 10/100Base-T(X) to individual simplex fiberglass with WDM (wavelength division multiplex) technology. SC simplex fiber optic connection (1550/1310 nm).

Why buy this product

- Device set for operation on one fiber
- Full duplex communication with only one fiber
- Transmission ranges up to 38 km
- Auto negotiation
- Auto MDI/MDI-X switch-over
- Link fault pass through (LFP) and far end fault (FEF) functions for easy connection monitoring
- Data rates 10/100 Mbps



Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 670616

Technical data

Ambient conditions

Altitude	5000 m (For restrictions see manufacturer's declaration)
	2000 m (With UL approval)

General

Net weight	434.2 g
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Serial interface

Transmission medium	Copper
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Optical interface FO

Wavelength	1550 nm
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Technical data

Optical interface FO

	1310 nm
Transmission length incl. 3 dB system reserve	38 km (With F-E 9/125 0.36 dB/km)
	34 km (With F-E 9/125 0.4 dB/km)
	28 km (With F-E 9/125 0.5 dB/km)
	21 km (with F-G 62,5/125 0,7 dB/km F 1000)
	5.5 km (with F-G 62.5/125 2.6 dB/km F 600)
	21 km (with F-G 50/125 0,7 dB/km F 1200)
	9 km (with F-G 50/125 1,6 dB/km F 800)
Transmission medium	Multi-mode fiberglass
	Single-mode fiberglass
Connection method	SC simplex

Articles in set

FO converters - FL MC EF WDM-A SC - 2902658



FO converter (replacement device A), for full duplex transmission from 10/100Base-T(X) to individual simplex fiberglass with WDM (wavelength division multiplex) technology, SC simplex fiber optic connection (1310/1550 nm). Device set (type A and type B) required for operation.

FO converters - FL MC EF WDM-B SC - 2902659



FO converter (replacement device B), for full duplex transmission from 10/100Base-T(X) to individual simplex fiberglass with WDM (wavelength division multiplex) technology, SC simplex fiber optic connection (1550/1310 nm). Device set (type A and type B) required for operation.

Classifications

eCl@ss

eCl@ss 4.0	27230207
eCl@ss 4.1	27230207
eCl@ss 5.0	27230207
eCl@ss 5.1	27230207
eCl@ss 6.0	27230207
eCl@ss 7.0	27230207
eCl@ss 8.0	19170114

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Classifications

ETIM

ETIM 3.0	EC000310
ETIM 4.0	EC000310
ETIM 5.0	EC001467

UNSPSC

UNSPSC 6.01	30211506
UNSPSC 7.0901	39121008
UNSPSC 11	39121008
UNSPSC 12.01	39121008
UNSPSC 13.2	39121008

Approvals

Approvals

Approvals

DNV / EAC / EAC

Ex Approvals

ATEX

Approvals submitted

Approval details

DNV

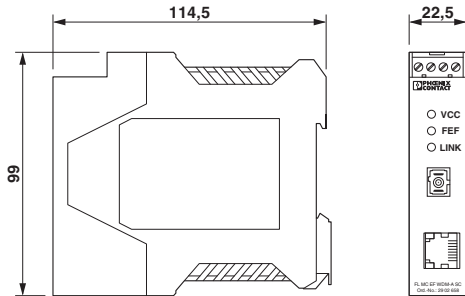
EAC

EAC

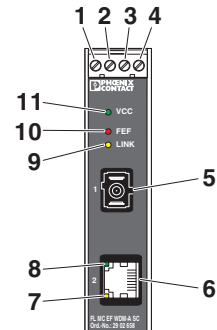
Drawings

FO converters - FL MC EF WDM-SET SC - 2902660

Dimensional drawing

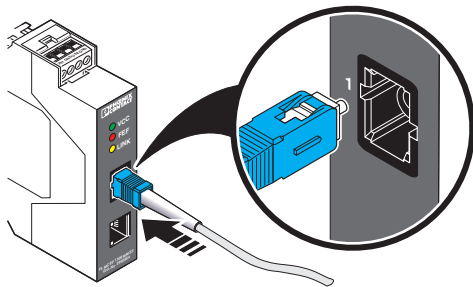


Schematic diagram



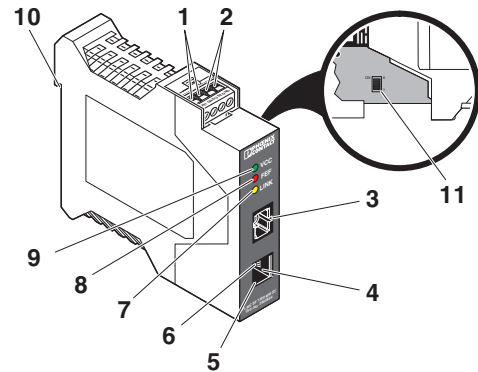
Front view

Schematic diagram



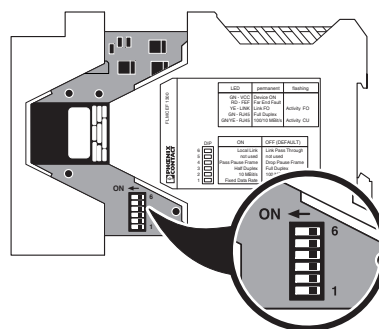
Connect SC simplex plug

Schematic diagram



Function elements

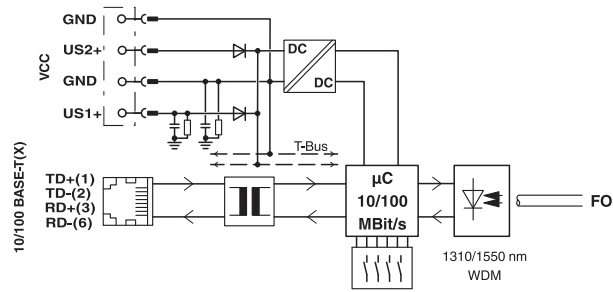
Schematic diagram



DIP switches

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Block diagram



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Product	Code	Reference	Product link
FO converter set, consisting of type A devices and type B devices, for full duplex transmission from 10/100Base-T(X) to individual simplex fiberglass with WDM (wavelength division multiplex) technology. SC simplex fiber optic connection (1550/1310 nm).	2902660	FL MC EF WDM-SET SC	Buy on EAN