

# EL100-4U/4TX-2FX-SM-SC

## 6-PORT UNMANAGED FO SWITCH

### SINGLEMODE (SM)

Item No.: 422.435



#### DESCRIPTIONS OF FUNCTIONS

The 6-port FO switch ensures smooth communication between up to 4 Ethernet network devices and 2 FO network devices. The data transmission via optical fiber is particularly characterized by its insensitivity to electrical and magnetic interferences, the potential separation between transmitter and receiver, as well as for ranges up to 30 km between fiber optic systems.

#### TECHNICAL DATA

Power supply:	12 ... 70 V DC redundant power supply
Current consumption:	200 mA at 24 V DC
TX Ports:	
Number	4
Transfer rate	10/100 Mbit/s
Cabel length	Supports cable till 100 m (Cat5e)
FX Ports	
Number	2
Connector	SC
Optical fiber	Singlemode
Optical fiber type	9/125 µm
Cabel length	Supports cable till 30 km (fiber type 9/125 µm)
Attenuation	0.3 dB/km
Bandwidth	3.5 ps/nm·km (fiber type 9/125 µm)
Wavelength	1310 nm
Budget	16 dB (fiber type 9/125 µm)
Dimensions:	30 mm x 155 mm x 110 mm (W x H x D)
Mounting:	DIN rail
Operation temperature:	-40 ... 70 °C
Storage temperature:	-40 ... 85 °C
Humidity:	5 ... 95 % RHD, non-condensing
Weight:	510 g
Housing:	Rust-free steel, powder coated
Standards:	EN61000-6-2 / EN55022 Class +A1 +A2

#### LED EXPLANATION

V1 / V2:	Operating voltage connected to V1 / V2
Fail (red):	One of the operating voltages is not connected
FDX (green):	Lights when the port is connected
Link/Act (yellow):	Flashes during data transfer on the port leuchtet wenn verbunden, blinkt bei Datenverkehr
LWL (yellow):	Lights if connected, flashes during data transfer

Further information: [www.meteocontrol.com](http://www.meteocontrol.com)