

6 PORT LWL ETHERNET SWITCH – EL 100-4U/4TX-2FX-MM-SC

Item No.: 422.433



DESCRIPTIONS OF FUNCTIONS

The 6 Port LWL Ethernet Switch ensures smooth communication between up to 4 Ethernet network devices and 2 LWL 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 5 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	Multimode
Optical fiber type	50/125 μm or 62,5/125 μm
Cabel length	Supports cable till 5 km (fiber type 50/125 μm) Supports cable till 4 km (fiber type 62,5/125 μm)
Attenuation	1 dB/km
Bandwidth	800 MHz-km (fiber type 50/125 μm) 500 MHz-km (fiber type 62,5/125 μm)
Wavelength	1310 nm
Budget	12 dB (fiber type 50/125 μm) 15 dB (fiber type 62,5/125 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

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