

8 PORT LWL ETHERNET SWITCH – EL 100-2M/6TX-2FX-MM-SC

Item No.: 422.412



DESCRIPTIONS OF FUNCTIONS

The 8 Port LWL Ethernet Switch ensures smooth communication between up to 6 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:	333 mA at 24 V DC
TX Ports:	
Number	6
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:	70 mm x 156 mm x 127 mm (W x H x D)
Mounting:	DIN rail
Operation temperature:	-40 ... 75 °C
Storage temperature:	-40 ... 85 °C
Humidity:	5 ... 95 % RHD, non-condensing
Weight:	850 g
Housing:	Stainless steel, powder coated
Standards:	EN61000-6-2 / EN55022 Class +A1 +A2

LED EXPLANATION

FAIL (yellow):	One of the operating voltages is not connected, RJ45-Port error
VDC 2 (green):	Operating voltage connected to VDC 1
VDC 2 (green):	Operating voltage connected to VDC 2
RING (green):	Switch is Master in ring group
VDC (green):	Operating voltage connected
FDX (green):	Lights when the port is connected
Link/Act (yellow):	Flashes during data transfer on the port

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