EL100-REG
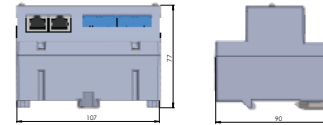
5-PORT SWITCH

UNMANAGED

The product series e-light REG consists of industrial basic switches that support Fast Ethernet. Their housing is build according to DIN 43880 and thus they can flexibly be mounted in either switch cabinets or distribution boards.

The interface can be used for singlemode, multimode, HCS or POF fibers and distances of up to 30 km can be reached. Further features are Auto-Negotiation, MDI/MDI-X and a wide temperature range. The redundant power supply has got 12 to 60 VDC. Its status as well as the network status can be seen from the LEDs on the front panel.

In connection with other systems out of the e-light and Dragon-Line series respectively, individual applications can be realized.

Typ	5TX	1TX 4FX	2TX 3FX	5FX	4TX 1FX	2TX 2FX	2TX 2FX BIDI	4TX 1FX	2TX 2FX	2TX 2FX BIDI
Article no. EL100-REG										
FO connector	-	Optolock	Optolock	Optolock	SC	SC	SC	SC	SC	SC
Fiber type	-	POF 980/1000 µm			Multimode 62.5 (50)/125 µm			Singlemode 9/125 µm		
Optical budget	-	12 dB			12 dB			16 dB		
FO range	-	50 m (180 dB/km)			5 km (1 dB/km)			30 km, others on request (0.3 dB/km)		
Wavelength	-	650 nm			1310 nm		1310 nm 1550 nm	1310 nm		1310 nm 1550 nm
No. of FX-ports	-	4	3	5	1	2	2	1	2	2
No. of TX-ports	5	1	2	0	4	2	2	4	2	2
TX-Port	1 x RJ45 / Auto-Negotiation / Auto MDI/MDI-X / Supports length up to 100 m (CAT 6)									
IEEE	IEEE 802.3 10Base-T Ethernet / IEEE 802.3u 100Base-TX and 100Base-FX Fast Ethernet									
Status-LEDs	Power (green/red) / error (red) / Status (green) / full duplex (green) / receiving data (yellow) / FiberView (red/yellow/green)									
Power supply	12–60 VDC									
Fehler-Relais	60 VAC (1 A) / 60 VDC (1 A)									
Power consumption	5.3 Watts, 220 mA (24 V)									
Potential separation	500 VDC									
Operating temperature	–40 °C – +55 °C									
EMC	EN61000-6-2/EN55022 Class A									
Weight	300 g									
Dimensions	78 x 107 x 90 mm									
Modules	6									
Housing	Polyamide (PA 6/6.6)									