



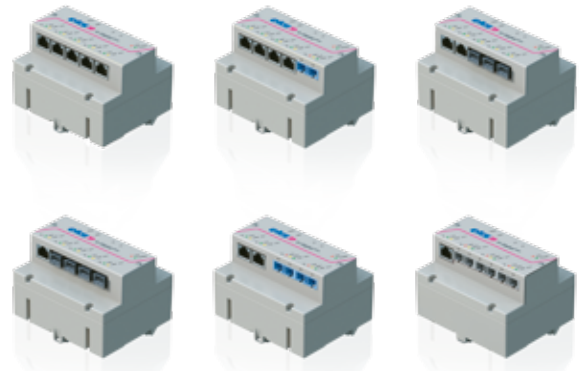
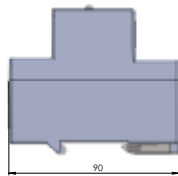
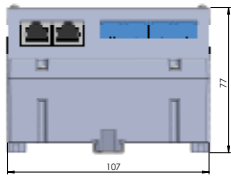
EL100-REG

5-PORT SWITCH

UNMANAGED

The product series e-light REG consists of industrial basic switches that support Fast Ethernet. Their housing is built 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.



Typ	5TX	1TX 4FX	2TX 3FX	5FX	4TX 1FX	2TX 2FX	4TX 1FX	2TX 2FX
Article no. EL100-REG	0490501 000000 EV00-00	0490101 08080808 EV00-00	0490101 08080808 EV00-00	049000108 08080808- EV-00-00	0490401 000033 EV00-00	0490201 003333 EV00-00	0490401 000053 EV00-00	0490201 005353 EV00-00
FO connector	-	Optolock	Optolock	Optolock	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	
No. of FX-ports	-	4	3	5	1	2	1	2
No. of TX-ports	5	1	2	0	4	2	4	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) / 0490101 08080808 EV00-00 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 - +60 °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)							