



EL100-4U

8-PORT SWITCH

UNMANAGED

The EL100-4U series “Essential Line” comprises five industrial basic switches for Fast Ethernet. Since they are only 3 cm in width they do not need much space. In case of extremely flat installation space the DIN rail clip can be fixed at the side. Apart from that, they can be used in 19” racks by using an additional cover at the front.

The following switches are available: 8 TX, 8TX/2FX, 4TX/2FX, 4TX/1FX, 4TX/3FX and 4TX/4FX. They can be used with single mode, multimode, HCS and POFF fibers. All switches are suitable for distances of up to 30 km. Other features are auto negotiation, MDX/MDIX and an extended temperature range. The redundant power supply is 12 to 60 VDC and its status – as well as the network status – can be seen from the LEDs on the front panel.



Different types of e-light 4

Typ	5TX	8TX	4TX 1FX	4TX 2FX	4TX 3FX	4TX 4FX	8TX 2FX	4TX 1FX	4TX 2FX	4TX 3FX	4TX 4FX	8TX 2FX
Article no. EL100-4U with SC	0500501 000000 EV00-00	0500801 000000 EV00-00	0500401 000033 EV00-00	0500401 003333 EV00-00	0500401 333333 EV00-00	0500401 3333333 EV00-00	0500801 003333 EV00-00	0500401 000053 EV00-00	0500401 005353 EV00-00	0500401 535353 EV00-00	0500401 5353533 EV00-00	0500801 005353 EV00-00
Article no. EL100-4U with ST	-	-	0500401 000031 EV00-00	0500401 003131 EV00-00	0500401 313131 EV00-00	0500401 31313131 EV00-00	0500801 003131 EV00-00	0500401 000051 EV00-00	0500401 005151 EV00-00	0500401 515151 EV00-00	0500401 51515151 EV00-00	0500801 005151 EV00-00
Article no. EL100-4U with E-2000	-	-	0500401 000035 EV00-00	0500401 003535 EV00-00	0500401 353535 EV00-00	0500401 35353535 EV00-00	0500801 003535 EV00-00	0500401 000055 EV00-00	0500401 005555 EV00-00	0500401 555555 EV00-00	0500401 55555555 EV00-00	0500801 005555 EV00-00
Article no. EL100-4U with SFP	-	-	-	-	-	0500401 99999999 EV00-00	-	-	-	-	-	0500401 99999999 EV00-00
Fiber type	-	-	Multimode 6.5 (50)/125 μ					Singlemode 9/125 μm				
Optical budget	-	-	12 dB					16 dB				
FO range	-	-	5 km (1 dB/km)					30 km, others up to 100 km on request (0.3 dB/km)				
Wavelength	-	-	1310 nm					1310 nm				
No. of FX-PORTS	-	-	1	2	3	4	2	1	2	3	4	2
No. of TX-PORTS	5	8	4	4	4	4	8	4	4	4	4	8
TX-Port	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 supply (green) / error (red) / Port LEDs (yellow/green)											
Power supply	12–60 VDC, others on request											
Failure relay	25 VDC (1 A) / 60 VDC (0.3 A)											
Power consumption	5 Watts, 200 mA (24 V)											
Potential separation	500 VDC											
Operating temperature	-40 °C – +70 °C (Multimode and Singlemode with ST or SC) / -20 °C – +55 °C (all others)											
EMC	EN61000-6-2/EN55022 Class B + A1 + A2											
Weight	500 g											
Dimensions	155 x 30 x 110 mm / 5TX: 130 x 25 x 105 mm											
Housing	Steel, powder coated											