



## EL100-3U / EL100-3UP

---

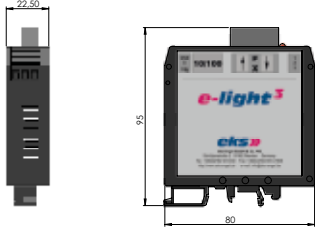
COMPACT  
MEDIA CONVERTER

UNMANAGED  
POE

The EL100-3U and EL100-3UP (with PoE-function) media converters have an extra small housing with a dimension of 82 x 93 x 22.5 mm. Its features are Auto-Negotiation and Auto MDX/MDIX.

The flat design of the housing offers an extremely high degree of flexibility for all kinds of indoor and outdoor applications. EL100-3U / EL100-3UP is suitable wherever there is little space, e. g. in small distribution boxes.

The EL100-3U / EL100-3UP standard mode is Converter Mode, if all ports work with 100 MBit/s. Otherwise the mode is Cut-Through. Optionally, the device is also available with Store & Forward mode or with Pass-Through mode if a small latency is needed.



Typ	P-ST	H-ST	MM-ST	MM-SC	MM-SC/BIDI	SM-ST	SM-SC	SM-E2	SM-SC/BIDI
<b>Article no. EL100-3U</b>	0450001 01E	0450001 11E	0450001 31E	0450001 33E	0450001 36E-BIDI A 37E-BIDI B	0450001 51E	0450001 53E	0450001 55E	0420001 56E-BIDI A 77E-BIDI B
Typ	P-ST	H-ST	MM-ST	MM-SC	MM-SC/BIDI	SM-ST	SM-SC	SM-E2	SM-SC/BIDI
<b>Article no. EL100-3UP</b>	0460001 01E	0460001 11E	0460001 31E	0460001 33E	0460001 36E-BIDI A 37E-BIDI B	0460001 51E	0460001 53E	0460001 55E	0460001 56E-BIDI A 77E-BIDI B
<b>FO connector</b>	ST	ST	ST	SC	SC	ST	SC	E-2000	SC
<b>Fiber type</b>	POF 980/1000 μm	HCS 200/230 μm	Multimode 62.5 (50)/125 μm			Singlemode 9/125 μm			
<b>Optical budget</b>	12 dB	8 dB	12 dB			16 dB			
<b>FO range</b>	50 m (180 dB/km)	200 m (180 dB/km)	5 km (1 dB/km)			30 km, others up to 100 km on request (0.3 dB/km)			
<b>Wavelength</b>	650 nm	850 nm	1310 nm		1310 nm 1550 nm	1310 nm			1310 nm 1550 nm
<b>IEEE</b>	IEEE 802.3 10Base-T Ethernet / IEEE 802.3u 100Base-TX and 100Base-FX Fast Ethernet								
<b>Modified Cut Through</b>	Cut Through modified, others on request								
<b>10/100 Base TX-Port</b>	1 x RJ45 / Auto-Negotiation / Auto MDI/MDI-X / Supports length up to 100 m (CAT 5)								
<b>Status-LEDs</b>	TX per Port/PoE-Status (EL100-3UP only)								
<b>Power supply</b>	12-65 VDC for EL100-3U 44-57 VDC for EL100-3UP with PoE 50-57 VDC for EL100-3UP with PoE+								
<b>Power consumption</b>	2.4 Watts, 100 mA (24 V) for EL100-3U 2.4 Watts, 50 mA (48 V) for EL100-3UP with PoE								
<b>Operating temperature</b>	-10 °C - +55 °C								
<b>EMC</b>	EN61000-6-2/EN55022 Class B + A1 + A2								
<b>Weight</b>	150 g								
<b>Dimensions</b>	82 x 93 x 22.5 mm								
<b>Housing</b>	Polyamide, black								