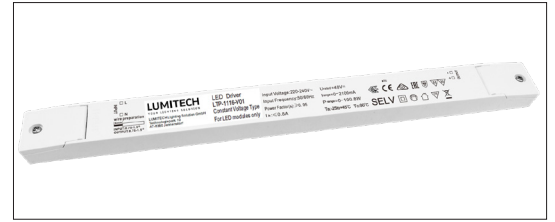


PRODUCT DESCRIPTION

- Constant Voltage LED Power Supply
- Suitable for operation of PI-LED systems
- Sustained short-circuit current | overload protection | over temperature protection | open loop protection
- Very slim form factor



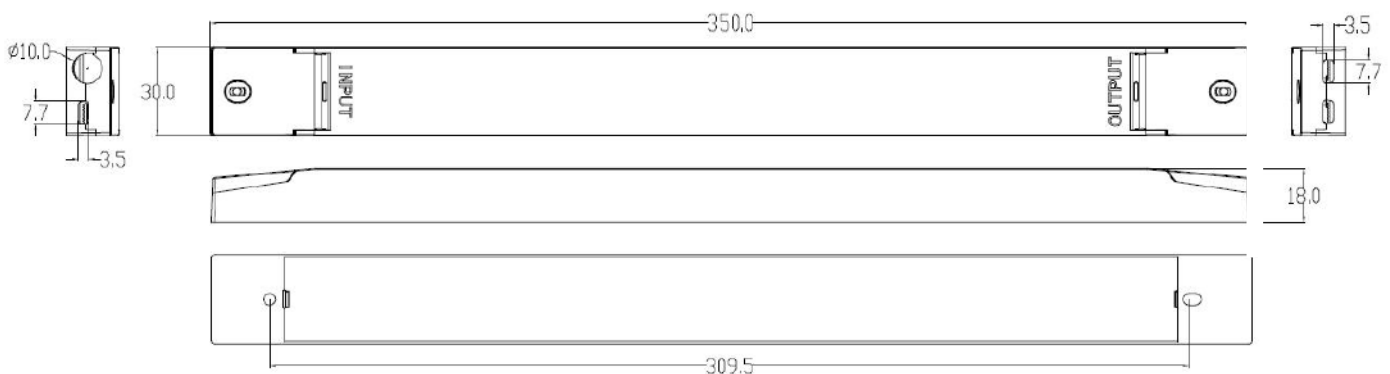
ORDERING DATA AND TECHNICAL DATA

Type	Description
LTP-1116	CONVERTER 100W 48V IP20 LT 350x30x18mm

Output	Voltage	48 V DC
	Rated current	2100 mA
	Rated power	100 W
	Voltage tolerance	± 3 %
	Ripple voltage	< 480 mV _{PK-PK} (0.5%)
Input	Voltage	220 V AC to 240 V AC
	Frequency range	50/60 Hz
	Efficiency	typ. 92 %
	Inrush current	< 50 A
	Power factor	≥ 0.95
Other technical data	Ambient temperature	-25°C to +45°C
	Storage temperature	-40°C to +85°C
	Max. case temperature	+90°C (measured at Tc point)
	Withstand voltage	3 kV
	Fulfilled standards, regulations and safety tests	EN61347-1 and EN61347-2-13 EN62493 SELV EN55015 EN61547 EN61000-3-2 and -3 EN62384
	Protection class and type	II / IP20
	Lifetime	≥ 100,000 h at max. ambient temperature and under full load
	Dimensions L x W x H	350 mm x 30 mm x 18 mm

Maximum load of automatic circuit breakers (FCB):		
Product	Peak current [A]	Duration [µs]
LTP-1116	45	250
Characteristic B		Characteristic C
16A		16A
10		17

DRAWINGS AND DIMENSIONS - Size in mm



NOTES

In the case of overload oder short circuit, the LED driver switches off independently. In conjunction with a PI-LED-System, this may lead to a reduced functionality, mal-function or an automatic shut-down of the system. That protective function serves exclusively security reasons, extended life time and prevention against black out.

In the case of over temperature due to external heat sources or wrong covers, the operation is interrupted (without mains cut-off). After cool down, the LED driver proceeds with normal operation.

The max. tc temperature of the LED driver must not be exceeded. The LED driver does not contain any replacable components and must not be opened!
By removing the strain reliefs, the LED driver can be used as built-in device.