

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 small, compact form factor



ORDERING DATA AND TECHNICAL DATA

Type	Description
LTP-1055	EVG Meanwell APV 25-24

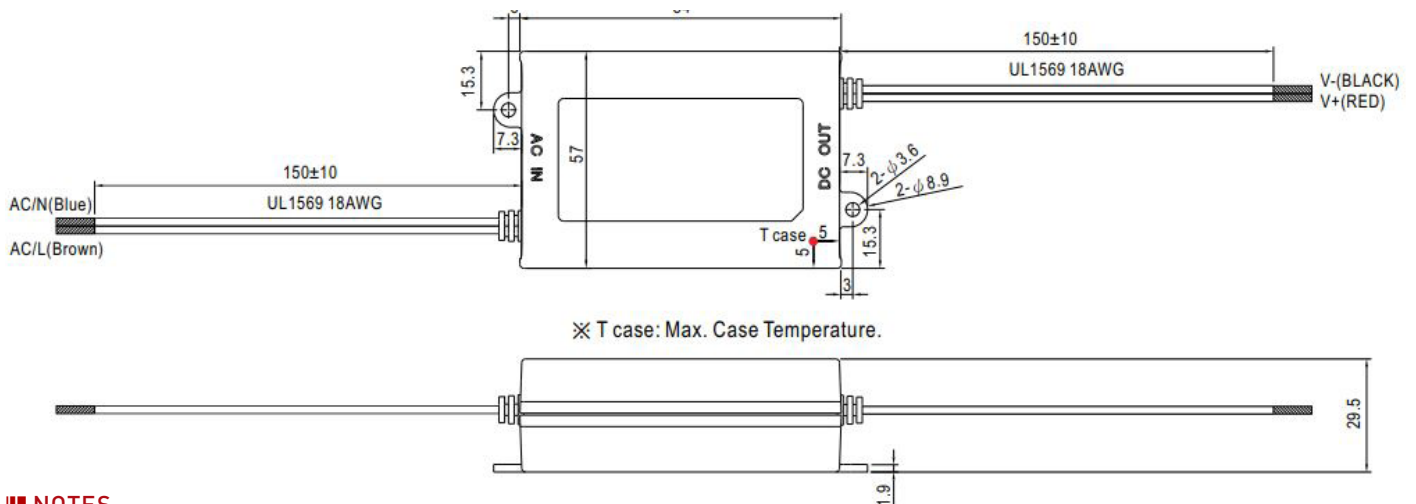
Output	Voltage	24 V DC
	Rated current	1.05 A
	Rated power	25.2 W
	Voltage tolerance	± 5 %
	Ripple voltage	150 mV <sub>PP</sub>
	Startup time	1500 ms
Input	Voltage	90 V AC to 264 V AC
	Frequency range	47...63 Hz
	Efficiency	typ. 83 %
	Inrush current	45 A @ 230 V AC
Other technical data	Ambient temperature	-30°C to +70°C
	Storage temperature	-40°C to +80°C
	Max. case temperature	+70°C (measured at Tc point)
	Withstand voltage	3 kV
	Fulfilled standards, regulations and safety tests	Safety standards: UL8750   CSA C 22.2 Nr. 250.0-13   BIS IS15885 EAC TP TC 004   design acc. to EN60950-1 EMC: EN55032   EN61000-3-2 Class A   EN61000-3-3   EAC TP TC 020   EN55024   EN61000-4-2/3/4/5/6/8/11
	Protection class and type	II / IP42
	Lifetime	50,000 h (at case temperature 55°C)
	Dimensions L x W x H	84 mm x 57 mm x 29.5 mm
	Weight	130 g



Maximum load of automatic circuit breakers (FCB):

Product	Characteristic B   16A	Characteristic C   16A
LTP-1055	9	15

DRAWINGS AND DIMENSIONS - Size in mm



NOTES

In the case of overload or over temperature, the LED driver reduces independently the maximum output power. In conjunction with a PI-LED system, this may lead to a reduced functionality, malfunction or an automatic shut-down of the system. That protective function serves exclusively security reasons, extended life time and prevention against black out.

Secondary switching of the power supply in conjunction with a PI-LED system is not permitted.