

Instruction for the use of the electronic LED converter

Model: SLT50-12VLC

Applications

The electronic LED converter SLT50-12VLC is exclusively designed for the Light Emitting Diode (LED) lamps used in both indoors and outdoors. The electronic converter is a switch mode power supplier with 12VDC constant output voltage.

An electronic protection circuit switches off the electronic converter in case of short circuit or overload in the secondary circuit, overheat as well as open circuit. After the removing of the faults, the electronic LED converter is resetting automatically for operation again.

Important information for the installation

The unit conforms to the directive 2004/108/EC for the electromagnetic compatibility and the low voltage directive 2006/95/EC..

- The electronic converter can only be used with the LED lamps.
- The electronic converter is suitable for both indoors and outdoors using. Protect the electronic converter against excessive heat (permissible operating temperature range -20 to +50°C).

- The load must not exceed the Max value or below the Min value indicated on the converter ;

SLT50-12VLC: 2-50W

- Connect the LED lamps to the electronic LED converter with correct polarity according to the schematic drawing.

- The metal case should be grounded and the maximum length of the output cable to the LED lamps should not exceed 10m in order to meet the EMC standard.

- The electronic converter is designed and manufactured with IP65 water-proof class, to ensure the whole set have the IP65 water-proof function in the application, the water-proof class of the connections or other units that the users supply and connected to the converter's input and output cables should not be less than IP64.

- If the electronic LED converter is used for purposes other than originally intended or it is connected in the wrong way, no liability can be taken over for possible damages.

Specifications:

Input voltage:	220-240V~ 50/60Hz
Output voltage:	12VDC +1V/-0.5V
Rated power:	50W
Protection degree:	IP64
Ambient temperature ta:	Max. 50°C
Case temperature tc:	Max. 75°C
Input cable:	H05RN-F 3x1.0mm ²
Output cable:	H05RN-F 2x1.0mm ²

