

Datasheet & Operating instructions

Model: SS6-6V12

LED power supply for 12 Vdc constant voltage
0.5 A (6 W) max., IP66, Built-in installation, non-dimmable
Flicker free according to IEEE 1789



Electrical data

Rated input voltage	220...240 Vac
Range of input voltage	198...264 Vac
Mains frequency	50/60 Hz
Input current	0.1 A max. Full Load, 220...240 Vac
No-load loss	≤ 0.5 W
Output voltage	12 Vdc
Output current	0...0.5 A
Output power (nominal)	6 W max.
Efficiency	≥ 64 % Full Load, 230 Vac
Life time	> 30,000 h
Dimmable	No

Operating condition

Operating temperature range (ta)	-20...+45 °C
Max. Surface temperature (tc)	85 °C
Permitted rel. humidity	20...90 %
Protection class	II
Type of protection	IP66

Protection

Short circuit protection	Yes *
Overvoltage protection	Yes *
Overload protection	Yes *

(*) The output shuts off and will be resumed, after problem is removed and led driver is restarted.

Standards

Standards	EN 61347-1, EN 61347-2-13 EN 62493, EN 55015, EN61547 EN 61000-3-2, EN 61000-3-3 EN 61000-4-2, EN 61000-4-5
Marking	CE, UKCA
RoHS compliant	Yes

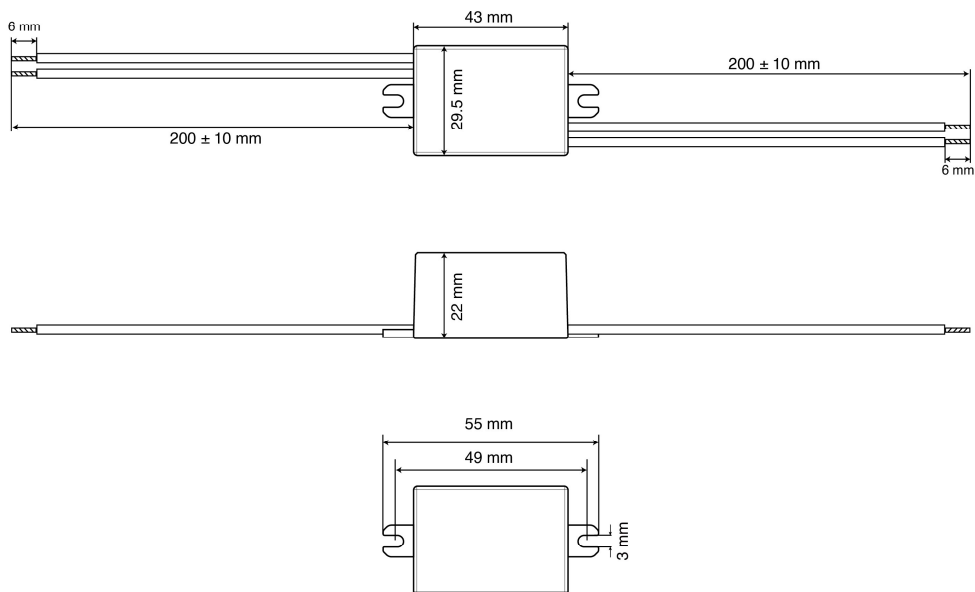
Installation

Cable length, input side	200 ± 10 mm
Cable length, output side	200 ± 10 mm
Cable cross-section, input side	2 x 22 AWG
Cable cross-section, output side	2 x 22 AWG
Cable preparation length, input side	6 mm tinned
Cable preparation length, output side	6 mm tinned

Dimension:

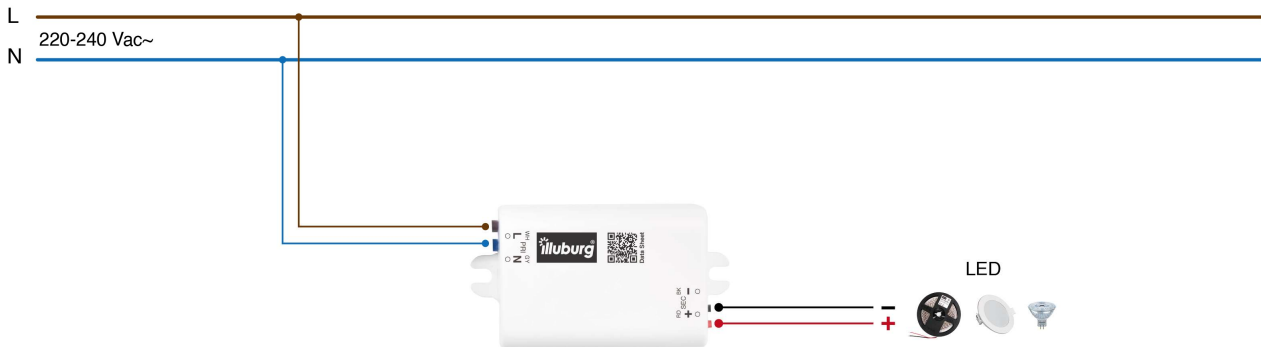
AC INPUT (2 x 22AWG)
BROWN (L)
BLUE (N)

DC OUTPUT (2 x 22AWG)
RED (+)
BLACK (-)



Unspecified tolerance: ±2

Connection



Important notice

Download the safety instructions at www.illuburg.de/infocenter, read them carefully and observe the listed instructions and information for proper use.

Disclaimer of liability

Subject to changes and errors excepted. Make sure you are using the latest version.

Manufacturer Information

If you have any further questions, please contact our technical support.

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