

Datasheet & Operating instructions

Model: SS5-6C700

LED power supply for 700 mA constant current

4...9 Vdc, 2.8...6.3 W, IP65, Built-in installation, non-dimmable



Electrical data

Rated input voltage	220...240 Vac	
Range of input voltage (AC)	198...264 Vac	
Range of input voltage (DC)	176...370 Vdc	
Mains Frequency	50/60 Hz	
Power factor (λ)	≥ 0.60 C	Full load
Input current	0.08 A max.	
Inrush current	10 A max.	$t_h = 100 \mu s$, cold start
No-load loss	≤ 0.5 W	
Output voltage	4...9 Vdc	
Output current	700 mA	
Output power (nominal)	2.8...6.3 W	
Efficiency	≥ 74 %	Full load
Life time	> 50,000 h	
Dimmable	No	

Operating condition

Operating temperature range (t_a)	-20...+60 °C	
Max. Surface temperature (t_c)	85 °C	
Permitted rel. humidity	5...85 %	
Protection class	II	
Type of protection	IP65	

Protection

Short circuit protection	Yes *	
Overload protection	Yes *	
No load protection	Yes *	
Overvoltage protection	Yes *	
Overheating protection	Yes *	

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

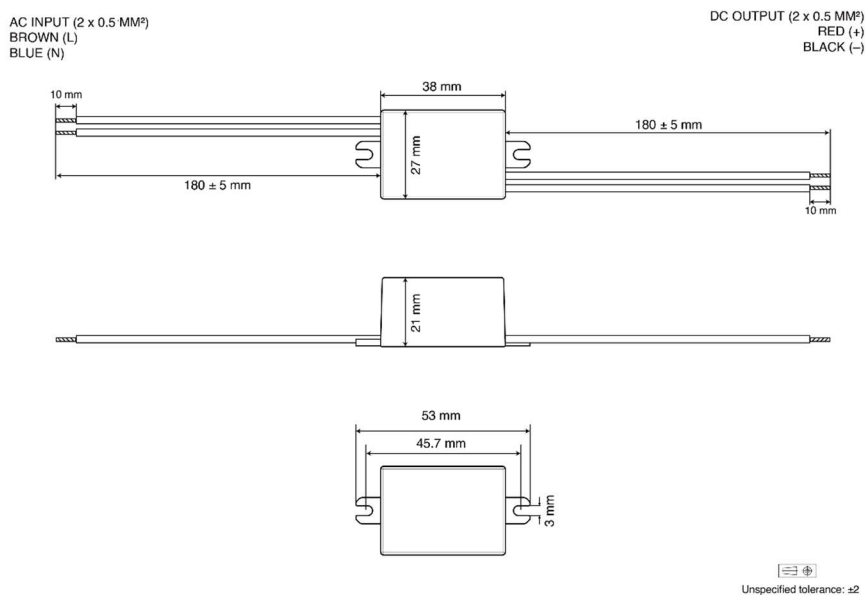
Standards

Standards	EN 61347-1, EN 61347-2-13 EN 60598-1, EN 62384 EN 55015, EN 61547 EN 61000-3-2, EN 61000-3-3	
Marking	CE, UKCA	
RoHS compliant	Yes	

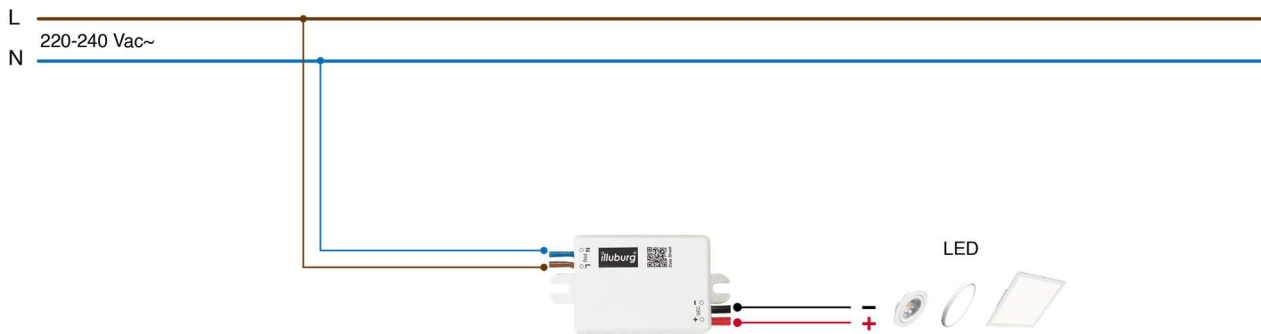
Installation

Cable length, input side	180 ± 5 mm	
Cable length, output side	180 ± 5 mm	
Cable cross-section, input side	2 x 0.5 mm ²	
Cable cross-section, output side	2 x 22 AWG	
Cable preparation length, input side	10 mm tinned	
Cable preparation length, output side	10 mm tinned	
Circuit breaker (230V)	10A Type B: 17 pc. 16A Type B: 28 pc.	10A Type C: 37 pc. 16A Type C: 59 pc.

Dimension



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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