

Datasheet & Operating instructions

Model: SS5-10C350-D3

LED power supply for 350 mA constant current

14...29 Vdc, 5...10 W, IP65, Built-in installation

TRIAC (leading & trailing edge) dimmable



Electrical data

Rated Input Voltage	220...240 Vac	
Range of input voltage	198...264 Vac	
Mains frequency	50/60 Hz	
Power factor (λ)	≥ 0.90	Full load
Input current	0.08 A max.	
Inrush current	5 A max.	
Output voltage	14...29 Vdc	
Output current	350 mA	
Output power (nominal)	5...10 W	
Efficiency	≥ 79 %	Full load
Life time	> 50,000 h	
Dimmable mode	TRIAC (leading & trailing edge)	
Dimming range	1...100 %	

Operating condition

Operating temperature range (t_a)	-20...+60 °C	
Max. Surface temperature (t_c)	90 °C	
Permitted rel. humidity	5...85 %	
Protection class	II	
Type of protection	IP65	

Protection

Short circuit protection	Yes *	
Overload protection	Yes *	
Overvoltage protection	Yes *	> 35 Vdc
No-load 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 62384, EN 60598-1 EN 55015, EN 61547 EN 61000-3-2, EN 61000-3-3	
Marking	CE, UKCA	
RoHS compliant	Yes	

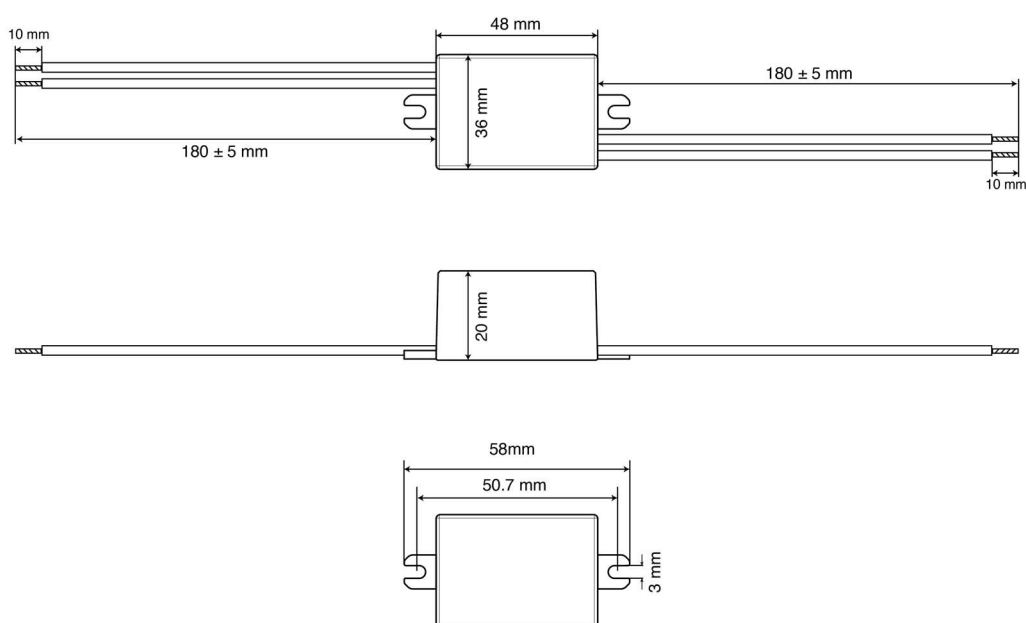
Installation

Cable length, input side	180 ± 5 mm	
Cable length, output side	180 ± 5 mm	
Cable cross-section, input side	2 x 20 AWG	
Cable cross-section, output side	2 x 22 AWG	
Cable preparation length, input side	5 mm	
Cable preparation length, output side	5 mm	
Circuit breaker (230V)	10A Type B: 100 pc. 16A Type B: 160 pc.	10A Type C: 100 pc. 16A Type C: 160 pc.

Dimension

AC INPUT (2 x 0.5 MM²)
BROWN (L)
BLUE (N)

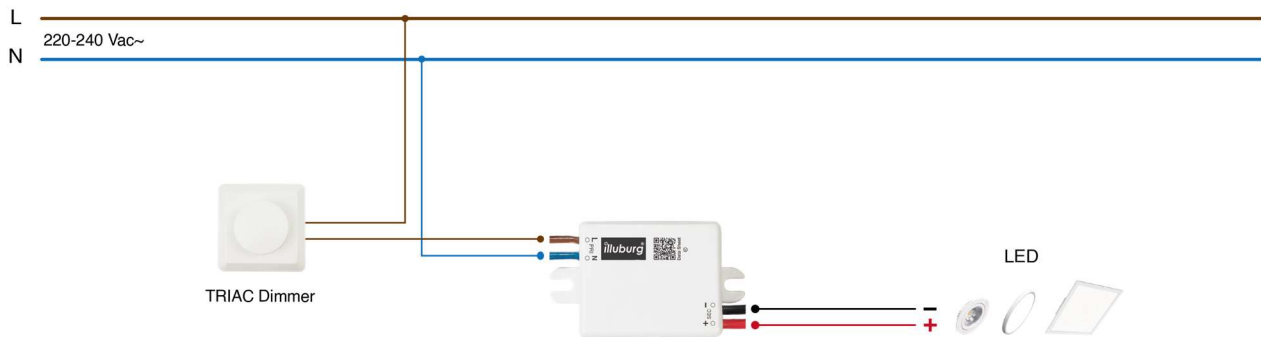
DC OUTPUT (2 x 0.5 MM²)
RED (+)
BLACK (-)



Unspecified tolerance: ±2

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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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