

Datasheet & Operating instructions

Model: CS-10C250

LED power supply for 250 mA constant current

27...42 Vdc, 10.5 W, IP20, Built-in installation, non-dimmable

Flicker-free according to IEEE 1789



SELV



Electrical data

Rated input voltage	220...240 Vac
Range of input voltage (AC)	198...264 Vac
Frequency	50/60 Hz
Power factor (λ)	0.55 C Full load, 230 Vac
Input current	0.125 A max.
Inrush current	8.12 A max.
Output voltage	27...42 Vdc
Output current	250 mA
Output power	10.5 W
Efficiency	$\geq 82\%$
Lifetime	> 50,000 h
Dimmable	No

Operating condition

Operating temperature range (t_a)	-20...+70 °C
Max. surface temperature (t_c)	100 °C
Permitted rel. humidity	20...90 %
Protection class	II
Type of protection	IP20

Protection

Short circuit protection	Yes *
Overload protection	Yes *
Over-voltage protection	Yes *
Overheating protection	Yes *

(*) The output shuts off and resumes after the problem has been removed and the LED driver has been restarted.

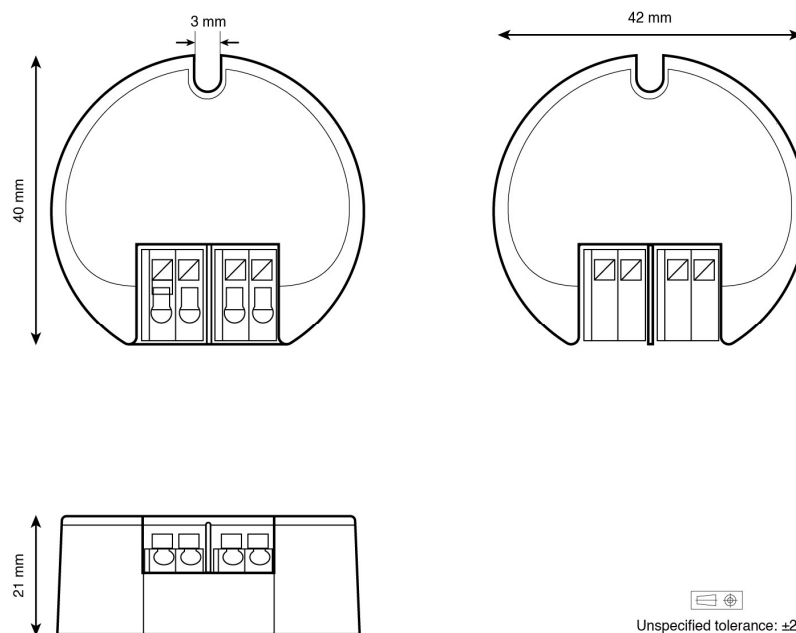
Standards

Standards	IEC 61347-1, IEC 61347-2-13 EN 62384, EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547, EN 61000-4-5
Marking	CE, UKCA
RoHS compliant	Yes

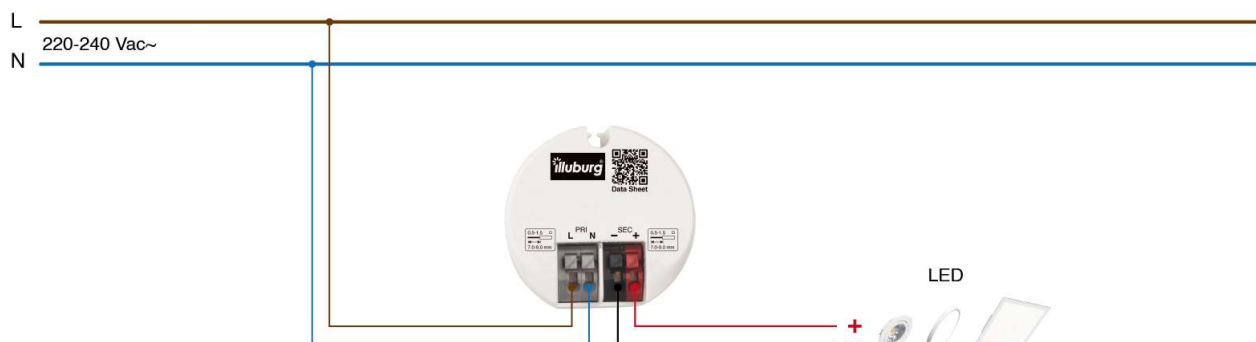
Installation

Type of installation	Built-in installation	
Type of connection	Spring-loaded terminal	
Cable cross-section, input side	0.5...1.5 mm ²	
Cable cross-section, output side	0.5...1.5 mm ²	
Cable preparation length, input side	7...9 mm	
Cable preparation length, output side	7...9 mm	
Circuit breaker (230 V)	B10: 45 pc. B16: 73 pc. B20: 91 pc.	C10: 45 pc. C16: 73 pc. C20: 91 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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