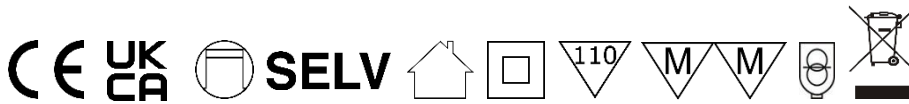


Datasheet & Operating instructions

Model: UF-20C700

LED power supply for 700 mA constant current

14.3...28.6 Vdc, 10...20 W, IP20, independent installation, non-dimmable



Exploded view



Electrical data

Rated input voltage	200...240 Vac
Range of input voltage	180...264 Vac
Mains Frequency	50/60 Hz
Power factor (λ)	≥ 0.86
Input current	0.15 A max.
Inrush current	20 A max.
Output voltage	14.3...28.6 Vdc
Output current	700 mA
Output power (nominal)	10...20 W
Efficiency	$\geq 86.5\%$ Full load
Life time	> 50,000 h
Dimmable	No

Operating condition

Operating temperature range (t_a)	-20...+45 °C
Max. Surface temperature (t_c)	85 °C
Permitted rel. humidity	5...85 %
Protection class	II
Type of protection	IP20

Protection

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

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

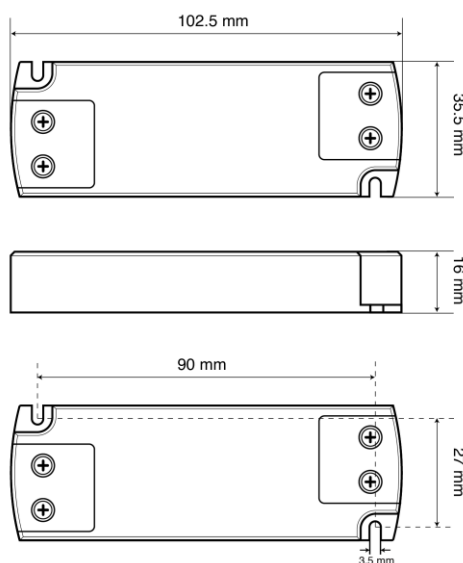
Standards

Standards	EN 61347-1, EN 61347-2-13 EN 55015, EN 61547 EN 62384, EN 62493 EN 61000-3-2, EN 61000-3-3
Marking	CE, UKCA
RoHS compliant	Yes

Installation

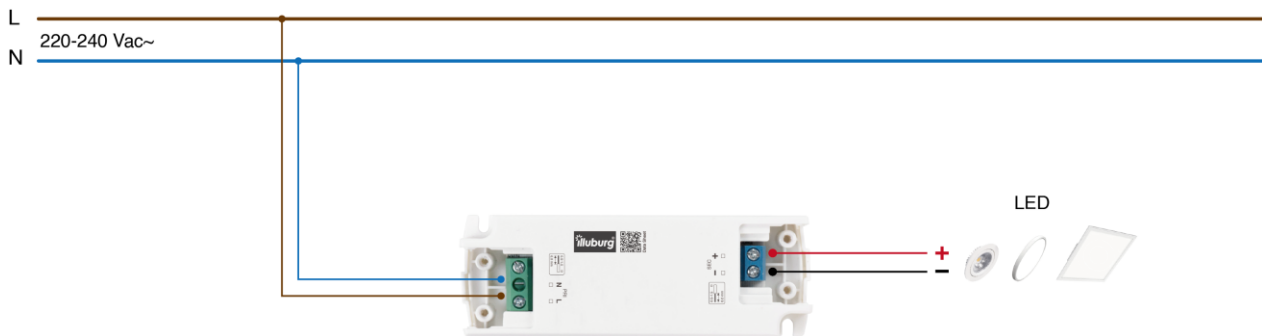
Type of installation	Independent installation	
Type of connection	Screw terminal	
Cable cross-section, input side	0.5...1.5 mm ²	
Cable cross-section, output side	0.5...1.5 mm ²	
Cable preparation length, input side	7...8 mm	
Cable preparation length, output side	7...8 mm	
Circuit breaker (230V)	10A Type B: 33 pc. 13A Type B: 43 pc. 16A Type B: 53 pc. 20A Type B: 66 pc.	10A Type C: 26 pc. 13A Type C: 34 pc. 16A Type C: 42 pc. 20A Type C: 53 pc.

Dimension



 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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