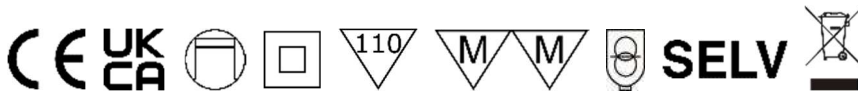


# Datasheet & Operating Instructions

## Model: UF4-20V12

LED power supply for 12 Vdc constant voltage

1.67 A (20 W) max., IP44, independent installation, non-dimmable



## Electrical data

Rated input voltage	220...240 Vac
Range of input voltage	180...264 Vac
Mains frequency	50/60 Hz
Power factor ( $\lambda$ )	$\geq 0.8$
Input current	0.16 A max.
No-load loss	$\leq 0.5$ W
Output voltage	12 Vdc
Output current	0...1.67 A
Output power (nominal)	20 W max.
Efficiency	$\geq 85$ %
Life time	> 30,000 h
Dimmable	No

## Operating condition

Operating temperature range ( $t_a$ )	-20...+45 °C
Max. Surface temperature ( $t_c$ )	85 °C
Permitted rel. humidity	10...90 %
Protection class	II
Type of protection	IP44

## 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, EN 61547 EN 61000-3-2, EN 61000-3-3
Marking	CE, UKCA
RoHS compliant	Yes

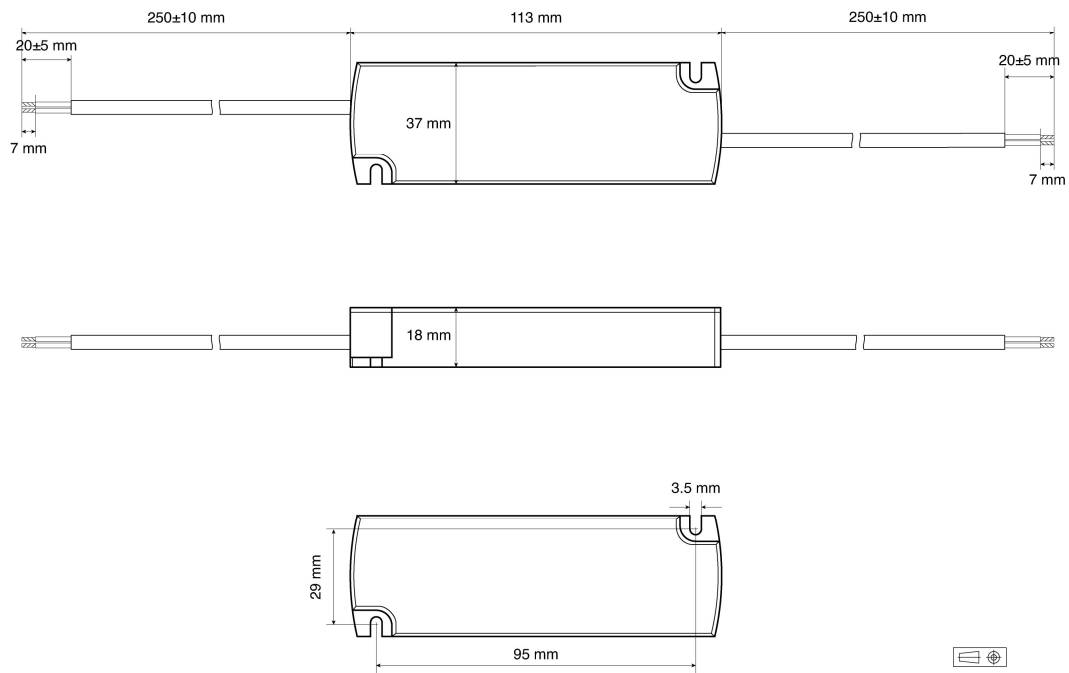
## Installation

Type of installation	Independent installation
Cable length, input side	250 ± 10 mm
Cable length, output side	250 ± 10 mm
Cable cross-section, input side	2 x 1.0 mm <sup>2</sup>
Cable cross-section, output side	2 x 0.75 mm <sup>2</sup>
Cable preparation length, input side	7 mm tinned
Cable preparation length, output side	7 mm tinned

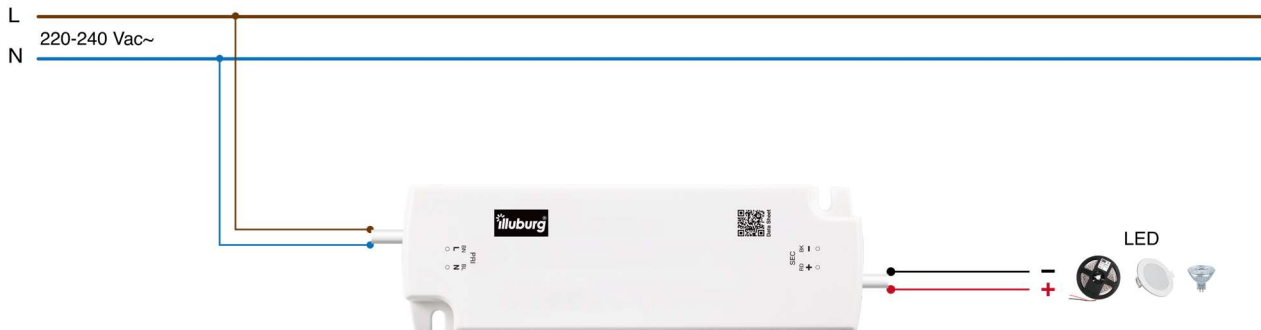
## Dimension

AC INPUT (2 x 1.0 MM<sup>2</sup>)  
BROWN (L)  
BLUE (N)

DC OUTPUT (2 x 0.75 MM<sup>2</sup>)  
RED (+)  
BLACK (-)



## Connection



## Important notice

Download the safety instructions at [www.illuburg.de/infocenter](http://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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