



#### Product Description:

- Constant voltage LED power supply
- For TALEXX modules
- Short-circuit protection with automatic restart
- Overtemperature protection
- Overload protection by restricting output
- Constant output voltage
- Compact slimline casing
- Connection: Cable with end sleeves (length approx. 150 mm)
- SELV
- Type of protection IP65
- Cross-section of primary side: 0.75 mm<sup>2</sup>, secondary side: 0.5 mm<sup>2</sup>



#### Properties:

- EN 55015
- EN 61000-3-2
- EN 61547
- EN 61347-2-13

**IP65**   **CE**   **RoHS**   **SELV**



#### TECHNICAL DATA

Rated Supply Voltage	230 / 240 V
Input Voltage, AC	200 - 254 V
Input Voltage, DC <sup>1</sup>	200 - 240 (160) V
Rated Current (at 230 V, 50 Hz, full load)	0.085 A
Mains Frequency	0 / 50 / 60 Hz
Efficiency (at 230 V, 50 Hz, full load)	> 80%
Output Power Range	1 - 10 W
Ambient Temperature T <sub>a</sub>	-20 ... +50° C
Max. Casing Temperature T <sub>c</sub>	70° C
Storage Temperature T <sub>s</sub>	-40 ... +85° C
Dimensions (L x W x H)	182 x 20 x 20 mm
Hole Spacing	194 mm

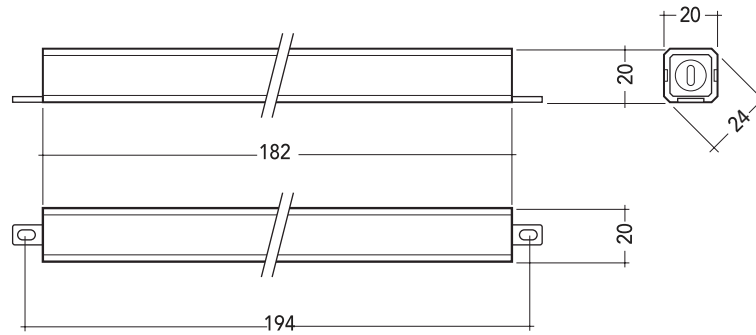
#### ORDERING GUIDE

Type	LED 0010 K301 230-240/12V 10VA LED 0010 K301 230-240/24V 10VA
Article Number 12V	86456206
Article Number 24V	86456215
Packaging Carton (12V)	30 pc(s).
Packaging Carton (24V)	30 pc(s).
Weight per pc. 12V	0.060 kg
Weight per pc. 24V	0.061 kg

<sup>1</sup> After power up with higher voltage, the device will work with a reduced voltage as specified above.



**DIMENSION DRAWINGS**



**MAXIMUM LOADING OF AUTOMATIC CIRCUIT BREAKERS**

Automatic Circuit Breaker Type	C10	C13	C16	C20	B10	B13	B16	B20	Inrush Current	
Installation Ø	1.5 mm <sup>2</sup>	1.5 mm <sup>2</sup>	1.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>	1.5 mm <sup>2</sup>	1.5 mm <sup>2</sup>	1.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>	I <sub>max</sub> *	time
LED 0010 K301 230-240/12V 10VA	28	36	45	56	17	22	27	33	27A	250 µs
LED 0010 K301 230-240/24V 10VA	28	36	45	56	17	22	27	33	27A	250 µs

**ISOLATION AND ELECTRICAL STRENGTH TESTING OF LUMINARIES**

Electronic devices can be damaged by high voltage. This has to be considered during the routine testing of the luminaires in production.

According to IEC60598-1 Annex Q (informative only!) or EN EC303-Annex A, each luminaire should be submitted to an isolation test with 500V DC for 1 second. This test voltage should be connected between the interconnected phase and neutral terminals and the earth terminal. The isolation resistance must be at least 2 MΩ.

As an alternative, IEC60598-1 Annex Q describes a test of the electrical strength with 1500V AC (or 1.414x1500V DC). To avoid damage to the electronic devices this test must not be conducted.



**STANDARDS**

- EN 55015
- EN 61000-3-2
- EN 61547
- EN 61347-2-13

**Overload protection**

Automatic shutdown of the LED Driver if the maximum output current is exceeded. Automatic restart if the output current is below the limit.

**No-load operation**

The LED power supply is not damaged in no-load operation. The max. output voltage (see page 1) can be obtained during no-load operation.

**Over temperature protection**

Automatic shutdown of the LED power supply if the temperature limit is exceeded. Automatic restart if the temperature falls below the limit.

**Short-circuit behaviour**

In case of a short circuit on the secondary side (LED) the LED power supply switches into hiccupmode. After removal of the short-circuit fault the LED power supply will recover automatically.

**DIAGRAMS FOR 12V**

