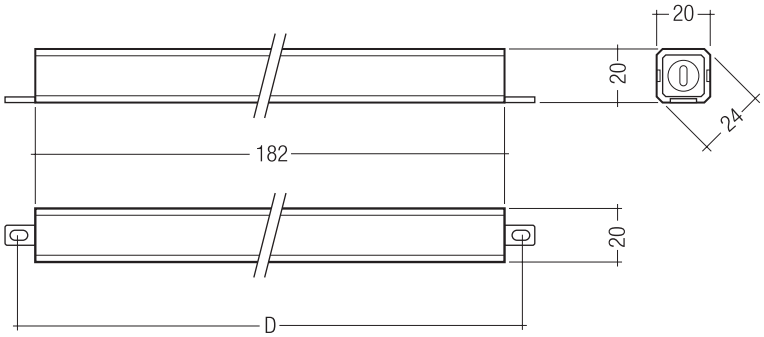
IP 65 SELV RoHS

TALEX(converter LED 0010 K301 12/24 V

LCU outdoor IP65

Product description

- Constant voltage LED control gear
- For TALEX(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 mm², secondary side: 0.5 mm²



Standards

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

Technical data

Rated supply voltage	230 / 240 V
Input voltage, AC	200 – 254 V
Input voltage, DC①	200 – 240 (160) V
Rated current (at 230 V 50 Hz)	0.085 A
Mains frequency	0 / 50 / 60 Hz
Efficiency	> 80 %
Output power range	1 – 10 W
Ambient temperature ta	-20 ... +50 °C
Max. casing temperature tc	70 °C
Dimensions LxWxH	182 x 20 x 20 mm
Hole spacing D	194 mm

Ordering data

Type	Article number	Output voltage	Packaging, carton	Weight per pc.
LED 0010 K301 230-240/12V 10VA	**86456206**	12 V	30 pc(s).	0.060 kg
LED 0010 K301 230-240/24V 10VA	**86456215**	24 V	30 pc(s).	0.061 kg

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

Maximum loading of automatic circuit breakers

Automatic circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20	Inrush current	
Installation Ø	1.5 mm²	1.5 mm²	2.5 mm²	2.5 mm²	1.5 mm²	1.5 mm²	2.5 mm²	2.5 mm²	I_{max}	time
LED 0010 K301 230-240/12V 10VA	28	36	45	56	17	22	27	33	27 A	250 µs
LED 0010 K301 230-240/24V 10VA	28	36	45	56	17	22	27	33	27 A	250 µs

Isolation and electric strength testing of luminaires

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

According to IEC 60598-1 Annex Q (informative only!) or ENEC 303-Annex A, each luminaire should be submitted to an isolation test with 500 V_{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, IEC 60598-1 Annex Q describes a test of the electrical strength with 1500 V_{AC} (or 1.414 x 1500 V_{DC}). To avoid damage to the electronic devices this test must not be conducted.

Additional information

Additional technical information at
www.tridonic.com → Technical Data

Guarantee conditions at
www.tridonic.com → Services

No warranty if device was opened.