Product Information

Order number: LG51172

Tridonic TALEXXconverter LC 25W 350–1050mA flexC SC EXC

Product information "Tridonic TALEXXconverter LC 25W 350–1050mA flexC SC EXC"

Product description:

- Constant current LED Driver
- Dimmable via ready2mains™ Gateway
- Dimming range 15 to 100 % (dependig on load)
- Can be either used build-in or independent with clip-on strain-relief (see accessory)
- Adjustable output current between 350 and 1050 mA via ready2mains™ Programmer or I-select 2 plugs
- Max. output power 25 W
- Up to 86 % efficiency
- Nominal life-time up to 100,000 h
- 5-year guarantee

Housing properties

- Casing: polycarbonate, white
- Type of protection IP20
- Strain relief with loop through function

Interfaces

- ready2mains™ (configuration and dimming via mains)
- Terminal blocks: 45° push terminals

Functions

- Adjustable output current in 1-mA-steps (ready2mains™, I-select 2)
- Dimmable via ready2mains™ interface
- Protective features (overtemperature, short-circuit, overload, no-load, input voltage range)
- Suitable for emergency escape lighting systems acc. to EN 50172

Technical Details:

Power Consumption:	29 W
Power Factor (PF):	0.95
Operating Hours:	>100.000 h
Switching Cycles:	>100.000
Ambient Temperature (TA):	-25°C - 50°C
Housing Material:	Polycarbonat
Housing Color	white
Dimensions	200x70x31 mm
Net Weight:	93 g
Warranty	5 years

Information and Downloads:

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Benefits

- Application-oriented operating window for maximum compatibility
- Best energy savings due to high efficiency and dimming via ready2mains™
- Flexible configuration via ready2mains™ and I-select 2
- Reliability proven by life-time up to 100,000 h and 5-year guarantee
- No tools required for installation

Typical applications

- For downlight, spotlight and decorative applications

Technical Details:

- Rated supply voltage: 220 - 240 V
- AC voltage range: 198 - 264 V
- DC voltage range: 176 - 280 V
- Mains frequency: 0 / 50 / 60 Hz
- Overvoltage protection: 320 V AC, 48 h
- Typ. rated current (at 230 V, 50 Hz, full load) (1) (2): 56,8 mA
- Typ. current (220 V, 0 Hz, full load, 50 % dimming level) (2): 54,3 mA
- Leakage current (at 230 V, 50 Hz, full load) (1) (2): < 250 µA
- Max. input power: 12 W
- Typ. efficiency (at 230 V, 50 Hz, full load) (2): 81 %
- λ (at 230 V, 50 Hz, full load) (1): 0.915
- Typ. input current in no-load operation: 12 mA
- Typ. input power in no-load operation: 0.6 W
- In-rush current (peak / duration): 17 A / 231 s
- THD (at 230 V, 50 Hz, full load) (1): < 10 %
- Time to light (at 230 V, 50 Hz, full load) (1): < 500 ms
- Time to light (DC mode): < 500 ms
- Switchover time (AC/DC): < 0.2 s
- Turn off time (at 230 V, 50 Hz, full load): < 50 ms
- Output current tolerance (1) (3): &plusm; 5 %
- Max. output current peak (non-repetitive): ≤ output current + 35 %
- Output LF current ripple (< 120 Hz): &plusm; 5 %
- Max. output voltage (no-load voltage): 60 V
- Dimming range (4): 15 - 100 %
- Mains surge capability (between L - N): 1 kV
- Mains surge capability (between L/N - PE): 2 kV
- Burst / surge peaks output side against PE: < 500 V
- Dimensions L x W x H: 200 x 70 x 31 mm

(1)Valid at 100 % dimming level.
(2)Depending on the selected output current.
(3)Output current is mean value.
(4)Depending on the connected load.