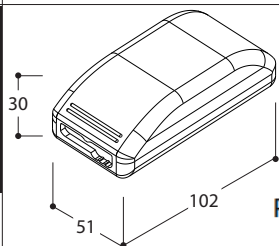


ref 930565

name POWERLED CONVERT REMOTE 1x180mA DIMM LC / 1-10V



**Product description**

- Independent dimmable LED control gear
- Constant current LED control gear
- Output current 180
- Max. output power 10 W
- Nominal life-time up to 50,000 h
- SELV
- Dimmable via leading edge and trailing edge phase dimmers
- Dimmable via 1 ... 10 V
- Output dimmed analogue (current amplitude)
- Dimming range typ. 10 to 100 % (depending on dimmer)
- For luminaires of protection class I and protection class II
- For luminaires with M and MM as per EN 60598, VDE 0710 and VDE 0711
- Temperature protection as per EN 61347-2-13 C5e
- 5-year guarantee

**Properties**

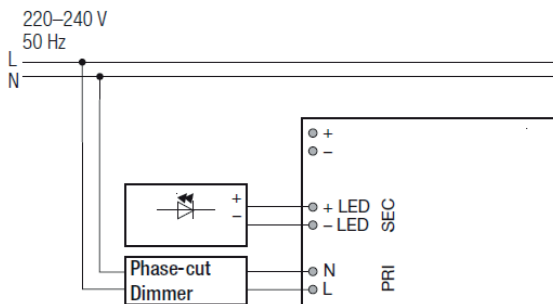
- Casing: polycarbonat, white
- Type of protection IP20
- Screw terminals

**Functions**

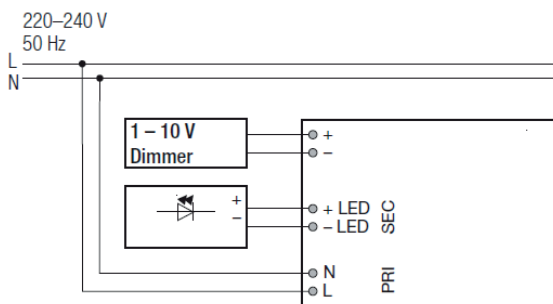
- Overload protection
- Short-circuit protection
- No-load protection
- No output current overshoot at mains on/off

**Technical data**

Rated supply voltage	220 – 240 V
Input voltage, AC	198 – 264 V
Typ. rated current (at 230 V, 50 Hz, full load)	0.058 A
Power factor at full load <sup>Ⓞ</sup>	0.95
Power factor at min. load <sup>Ⓞ</sup>	0.9
Mains frequency	50 Hz
Overvoltage protection	300 V AC, 1 h
Max. input power	13 W
Output power	5 – 10 W
THD (at 230 V, 50 Hz, full load)	< 20 %
THD (at 230 V, 50 Hz, min. load)	< 20 %
Control input <sup>Ⓞ</sup>	1 ... 10 V, potentiometer 200 kΩ
Output current tolerance (at 230 V, 50 Hz, full load)	± 7.5 %
Output current tolerance (at 230 V, 50 Hz, min. load)	± 10 %
Turn on time (at 230 V, 50 Hz, full load)	≤ 0.5 s
Turn off time (at 230 V, 50 Hz, full load)	≤ 0.2 s
Hold on time at power failure	0 s
Ambient temperature <i>t</i> <sub>a</sub>	-20 ... +40 °C
Ambient temperature <i>t</i> <sub>a</sub> (at life-time 50,000 h)	40 °C
Max. casing temperature <i>t</i> <sub>c</sub>	60 °C
Storage temperature <i>t</i> <sub>s</sub>	-40 ... +80 °C
Dimensions L x W x H	101.5 x 51 x 29.5 mm



OR



ALWAYS DISCONNECT MAINS POWER SUPPLY FROM CONVERTER BEFORE SWITCHING "ON" LED LUMINAIRE TO PREVENT HOT PLUGGING ISSUES