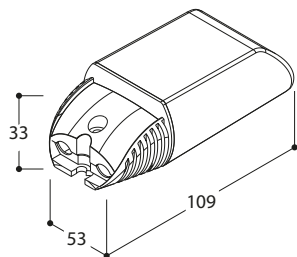


## 930511: POWERLED CONVERTER 18W - 350mA MAINS DIM LC REM 10%



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

### Product datasheet

Maximum temperature at tc test point	80 °C <sup>1)</sup>
Max.housing temperature in case of fault	110 °C

<sup>1)</sup> Maximum at the Tc-point

### Lifespan

ECG lifetime	50000 h <sup>1)</sup>
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<sup>1)</sup> At tcase = 70°C at tc point / 10 % failure rate

### Capabilities

Dimmable	Yes
Dimming range	10...100 %
Suitable for fixtures with prot. class	I / II
Dimming interface	Phase Cut <sup>1)</sup>
Overheating protection	Automatic reversible
Overload protection	Automatic reversible
Short-circuit protection	Automatic reversible
No-load proof	Yes
Maximum wiring length ECG/lamp	2.0 m

<sup>1)</sup> Leading edge / Trailing edge

### Certificates & standards

Type of protection	IP20
Standards	Acc. to IEC 61347-1/Acc. to IEC 61347-2-13/Acc. to IEC 62384/Acc. to CISPR 15/Acc. to IEC 61000-3-2/Acc. to IEC 61000-3-3/Acc. to IEC 61547
Approval marks – approval	CE / ENEC 10 / VDE / CB

### Electrical data

Output power	19 W <sup>1)</sup>
Input voltage	198...264 V <sup>2)</sup>
Mains frequency	50...60 Hz
Output voltage	27...54 V <sup>3)</sup>
Output current	350 mA <sup>4)</sup>
Nominal voltage	220...240 V
Device power loss	4.0 W <sup>5)</sup>
Power factor λ	0.95/0.90 <sup>6)</sup>
ECG efficiency	84 % <sup>7)</sup>
Inrush current	5 A <sup>8)</sup>
Max. no. of ECGs on circuit breaker 10 A	52
Max. no. of ECGs on circuit breaker 16 A	84
Galvanic isolation primary/secondary	3.75 kV <sup>9)</sup>
Surge capability (L/N-Ground)	1 kV
Surge capability (L-N)	1 kV

<sup>1)</sup> Partial load 9.5...19 W

<sup>2)</sup> Permitted voltage range

<sup>3)</sup> Maximum 60 V

<sup>4)</sup> ±10%

<sup>5)</sup> Maximum

<sup>6)</sup> Full load at 230 V/Minimum load at 230 V

<sup>7)</sup> At full load and 230 V

<sup>8)</sup> t<sub>width</sub> = 100 μs (measured at 50 % I<sub>peak</sub>)

<sup>9)</sup> SELV-equivalent

Surge capability (L-N)	1 kV
Nominal output voltage	27...54 V ⓘ
U-OUT (working voltage)	50 V
Nominal output current	350 mA ⓘ
Output current tolerance	±10 %
Output ripple current (100 Hz)	< 35 % ⓘ
Output PSTLM	≤1
Output SVM	≤0.8
Nominal output power	19 W ⓘ
Maximum output power	19 W
Galvanic isolation primary/secondary	SELV
Current set	Fixed current

### Dimensions & weight

Length	95.0 mm
Width	53.0 mm
Height	30.0 mm
Product weight	110.00 g
Cable cross-section, input side	0.75...1.5 mm <sup>2</sup> <sup>1)</sup>
Cable cross-section, output side	0.5...1.5 mm <sup>2</sup> <sup>1)</sup>
Wire preparation length, input side	8.0...9.0 mm

<sup>1)</sup> Flexible / Solid leads

### Temperatures

Ambient temperature range	-20...+55 °C
Temperature range at storage	-25...75 °C