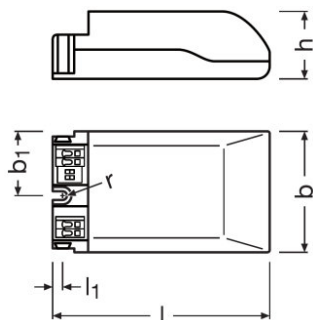


930621: POWERLED CONVERTER REMOTE 30W 700mA MAINS DIMM LC



Product weight	109.00 g
Cable cross-section, input side	0.5...1.5 mm ²
Cable cross-section, output side	0.5...1.5 mm ²
Wire preparation length, input side	7...8 mm
Wire preparation length, output side	7...8 mm
Length	95.0 mm
Width	53.0 mm
Height	30.0 mm

Colors & materials

Casing material	Plastic
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Temperatures & operating conditions

Ambient temperature range	-20...+50 °C
Maximum temperature at tc test point	75 °C ¹⁾
Max.housing temperature in case of fault	110 °C
Temperature range at storage	-40...+85 °C
Permitted rel. humidity during operation	5...85 % ²⁾

¹⁾ Maximum at the T_c-point²⁾ Maximum 56 days/year at 85 %

Lifespan

ECG lifetime	35000 / 50000 h ¹⁾
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¹⁾ At T_{case} = 75°C at T_c point / 10% failure rate / At T_{case} = 65°C at T_c point / 10% failure rate

Capabilities

Dimmable	Yes
Dimming interface	Phase Cut ¹⁾

Dimming range	5...100 %
Dimming method	Amplitude Modulation
Overheating protection	Automatic reversible
Overload protection	Automatic reversible
Short-circuit protection	Automatic reversible
No-load proof	Yes
Intended for no-load operation	No
Max. cable length to lamp/LED module	2.0 m ²⁾
Suitable for fixtures with prot. class	I / II
Type of connection, input side	Push terminal
Type of connection, output side	Push terminal
Suitable for through-wiring	No

Electrical data

Nominal input voltage	220...240 V
Mains frequency	50...60 Hz
Input voltage AC	198...264 V ¹⁾
Total harmonic distortion	< 20 % ²⁾
Power factor λ	> 0.90 ³⁾
Efficiency in full-load	84 % ⁴⁾
Device power loss	5.0 W ⁵⁾
Protective conductor current	<0.7 mA
Inrush current	< 10 A ⁶⁾
Max. ECG no. on circuit breaker 10 A (B)	26
Max. ECG no. on circuit breaker 10 A (C)	26
Max. ECG no. on circuit breaker 16 A (B)	41
Max. ECG no. on circuit breaker 16 A (C)	41
Max. ECG no. on circuit breaker 25 A (B)	-
Surge capability (L/N-Ground)	2 kV
Surge capability (L-N)	1 kV
Nominal output voltage	27...40 V
U-OUT (working voltage)	60 V
Nominal output current	500 / 700 mA
Output current tolerance	±10 %
Output ripple current (100 Hz)	< 5 %
Output PSTLM	≤1
Output SVM	≤0.4
Nominal output power	13.5...28 W
Maximum output power	28 W
Galvanic isolation	SELV
Galvanic isolation primary/secondary	3.75 kV
Current set	DipSwitch
Default output current	700 mA

¹⁾ Permitted voltage range²⁾ Full load, 230V, 50 Hz³⁾ Full load at 230 V/Minimum load at 230 V⁴⁾ at 230 V, 50 Hz⁵⁾ Maximum⁶⁾ t_{width} = 100 μs (measured at 50 % I_{peak})

Certificates & standards

Approval marks – approval	CE
Standards	Acc. to IEC 61347-1/Acc. to IEC 61347-2-13/Acc. to IEC 62384/Acc. to IEC 61000-3-2/Acc. to IEC 6100-4-5/Acc. to IEC 61547
Protection class	I,II
Type of protection	IP20