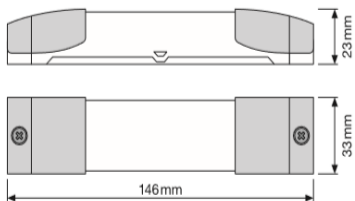


930619: POWERLED REMOTE CONVERTER (10W) DALI DIM 350mA



Mounting hole spacing, length	115.0 mm
Product weight	58.00 g
Cable cross-section, input side	0.2...1.5 mm ² ¹⁾
Cable cross-section, output side	0.2...1.5 mm ² ¹⁾
Wire preparation length, input side	8.0...9.1 mm
Wire preparation length, output side	8.0...9.1 mm
Length	124.0 mm

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 Tc-point²⁾ Maximum 56 days/year at 85 %

Lifespan

ECG lifetime	50000 / 100000 h ¹⁾
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¹⁾ $T_c = 75^\circ\text{C}, 0.2\% / 1,000 \text{ h failure rate} / T_c = 65^\circ\text{C}, 0.1\% / 1,000 \text{ h failure rate}$

Dimmable	Yes
Dimming interface	DALI
Dimming range	1...100 % ¹⁾
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
Suitable for fixtures with prot. class	I / II

Certificates & standards

Approval marks – approval	ENEC 10 / VDE / EMC / EL / CE / DALI-2 / CCC
Standards	Acc. to EN 61347-1/Acc. to EN 61347-2-13/Acc. to EN 55015/Acc. to EN 61547/Acc. to EN 61000-3-2/Acc. to EN 62384/Acc. to EN 62386/Acc. to IEC 62386-101:Ed2/Acc. to IEC 62386-102:Ed2/Acc. to IEC 62386-207:Ed1
Protection class	II
Type of protection	IP20

Electrical data

Nominal input voltage	220...240 V
Mains frequency	0/50/60 Hz
Input voltage AC	198...264 V ¹⁾
Input voltage DC	176...276 V
Total harmonic distortion	15 % ²⁾
Power factor λ	> 0.98/> 0.94 ³⁾
Efficiency in full-load	82 % ⁴⁾
Device power loss	3.5 W
Networked standby power	≤ 0.15 W ⁴⁾
Inrush current	< 5 A ⁵⁾
Max. ECG no. on circuit breaker 10 A (B)	80
Max. ECG no. on circuit breaker 16 A (B)	130
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	2.5...45 V ⁶⁾ 28V @ 350mA
U-OUT (working voltage)	28 V
Nominal output current	350 mA
Default output current	350 mA
Output current tolerance	±3 %
Output ripple current (100 Hz)	< 2 % ⁸⁾
Output PSTLM	≤1
Output SVM	≤0.4
Nominal output power	10 W ⁹⁾
Maximum output power	10 W
Galvanic isolation	SELV
Current set	DALI / NFC

¹⁾ Permitted voltage range²⁾ At full load, 220...240 V, 50 Hz / At half load, 220...240 V, 50 Hz³⁾ At Pmax, 220...240 V, 50 Hz/At 50% Pmax, 220...240 V, 50 Hz⁴⁾ at 230 V, 50 Hz⁵⁾ $t_{\text{width}} = 100 \mu\text{s}$ (measured at 50 % I_{peak})⁶⁾ Maximum 60 V⁷⁾ ±3%⁸⁾ Ripple average at 100 Hz⁹⁾ Partial load 1.5...10 W