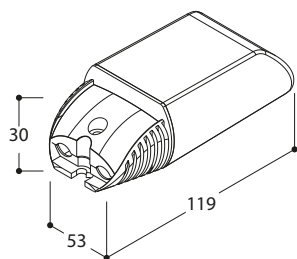


## 930587: POWERLED REMOTE CONVERTER (15W) TOUCH DALI DIM 700mA



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

Cable cross-section, input side	0.2...1.5 mm <sup>2</sup> <sup>1)</sup>
Cable cross-section, output side	0.2...1.5 mm <sup>2</sup> <sup>1)</sup>
Wire preparation length, input side	8.0...9.0 mm
Wire preparation length, output side	8.0...9.0 mm

<sup>1)</sup> Solid or flexible leads

## Colors &amp; materials

Casing material	Plastic
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## Temperatures &amp; operating conditions

Ambient temperature range	-20...+50 °C
Maximum temperature at tc test point	75 °C <sup>1)</sup>
Max.housing temperature in case of fault	100 °C
Permitted rel. humidity during operation	5...85 %

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

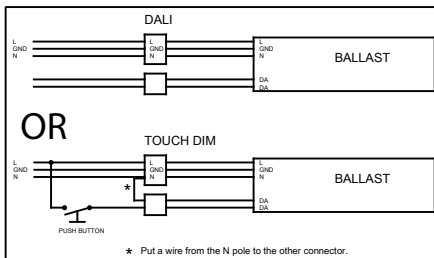
## Lifespan

ECG lifetime	50000 / 100000 h <sup>1)</sup>
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<sup>1)</sup> T<sub>c</sub> = 75°C, 0.2% / 1,000 h failure rate / T<sub>c</sub> = 65°C, 0.1% / 1,000 h failure rate

## Additional product data

Encapsulated	No
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Dimming interface	DALI / Touch DIM / Touch DIM Sensor
Dimming range	1...100 %
Dimming method	Amplitude Modulation
Constant lumen function	Programmable
Overheating protection	Automatic reversible
Overload protection	Automatic reversible
Short-circuit protection	Automatic reversible
No-load proof	Yes
Max. cable length to lamp/LED module	2.0 m
Suitable for fixtures with prot. class	I / II
Suitable for emergency lighting	Yes
Type of connection, output side	Push terminal

## Certificates &amp; standards

Approval marks – approval	ENEC 10 / VDE / EMC / EL / CE
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
Protection class	II
Type of protection	IP20

## Electrical data

Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Input voltage AC	198...264 V <sup>1)</sup>
Input voltage DC	176...276 V
Total harmonic distortion	< 10 %
Power factor λ	0.95
ECG efficiency	88 % <sup>2)</sup>
Device power loss	2.4 W
Power loss in stand-by mode	≤0.27 W
Inrush current	5 A <sup>3)</sup>
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)	1 kV
Nominal output voltage	7.5-26V
U-OUT (working voltage)	60 V
Nominal output current	700mA
Output current tolerance	±3 %
Output ripple current (100 Hz)	< 2 %
Nominal output power	18 W <sup>6)</sup>
Galvanic isolation	SELV

<sup>1)</sup> Permitted voltage range

<sup>2)</sup> Typical / At full load and 230 V

<sup>3)</sup> t<sub>width</sub> = 45 μs (measured at 50 % I<sub>peak</sub>)

<sup>4)</sup> Maximum 60 V

<sup>5)</sup> ≈5%

<sup>6)</sup> Partial load 3...18 W

DALI-2 Energy Data	Yes <sup>2)</sup>
DALI-2 Diagnostic Data	Yes <sup>3)</sup>

<sup>1)</sup> For maximum nominal output current

<sup>2)</sup> Acc. DALI part 252

<sup>3)</sup> Acc. DALI part 253