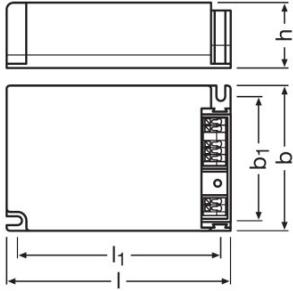




## Electrical data

### 930650: POWERLED REMOTE CONVERTER 600mA 35W



Mounting hole spacing, length	94.0 mm
Mounting hole spacing, width	58.0 mm
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	8.5...9.5 mm
Wire preparation length, output side	8.5...9.5 mm
Length	NaN mm
Width	NaN mm

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

#### Colors & materials

Casing material	Plastic
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#### Temperatures & operating conditions

Ambient temperature range	-25...+50 °C
Maximum temperature at tc test point	75 °C <sup>1)</sup>
Max.housing temperature in case of fault	110 °C
Temperature range at storage	-25...85 °C
Permitted rel. humidity during operation	5...85 % <sup>2)</sup>

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

<sup>2)</sup> Maximum 56 days/year at 85 %

#### Lifespan

ECG lifetime	50000 h <sup>1)</sup>
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<sup>1)</sup> At  $T_{case} = 75^{\circ}C$  at  $T_c$  point / 10% failure rate

#### Additional product data

Encapsulated	No
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#### Capabilities

Dimmable	No
Overheating protection	Automatic reversible
Overload protection	Automatic reversible
Short-circuit protection	Automatic reversible <sup>1)</sup>
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

<sup>1)</sup> A short circuit current of max. 1 A may occur. Make sure the load is designed to withstand the short circuit current as well

#### Programming

Tuner4TRONIC	No
Tuner4TRONIC Field App	No
Programming device	DIPswitch

#### Certificates & 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
Type of protection	IP20

Input voltage AC	198...264 V <sup>1)</sup>
Input voltage DC	176...276 V
Total harmonic distortion	< 10 %
Power factor λ	0.95/0.85 <sup>2)</sup>
ECG efficiency	87 % <sup>3)</sup>
Device power loss	5.0 W <sup>4)</sup>
Inrush current	24 A <sup>5)</sup>
Max. ECG no. on circuit breaker 10 A (B)	18
Max. ECG no. on circuit breaker 16 A (B)	28
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...54 V <sup>6)</sup>
U-OUT (working voltage)	60 V
Nominal output current	550 / 600 / 700 mA <sup>7)</sup>
Output current tolerance	±10 %
Output ripple current (100 Hz)	< 5 %
Nominal output power	37.8 W <sup>8)</sup>
Galvanic isolation	SELV

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

<sup>2)</sup> Full load at 230 V/Half load at 230 V

<sup>3)</sup> At full load and 230 V

<sup>4)</sup> Maximum

<sup>5)</sup>  $t_{width} = 174 \mu s$  (measured at 50 %  $I_{peak}$ )

<sup>6)</sup> Maximum 60 V

<sup>7)</sup> ±10%

<sup>8)</sup> Partial load 15...37.8 W

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