

UK Distributor for TRIDONIC LED systems

TALEX Converter LCU 60 W 12 Volt outdoor IP67 Constant Voltage

Product Description

- Constant Voltage Converter
- Universal Input Voltage Range
- Constant Output Voltage
- Connection: Cable with endsleeves (length approx. 500mm)
- Polarity identifiers, secondary + red / - black
- Metal casing, encapsulated to IP67

Properties

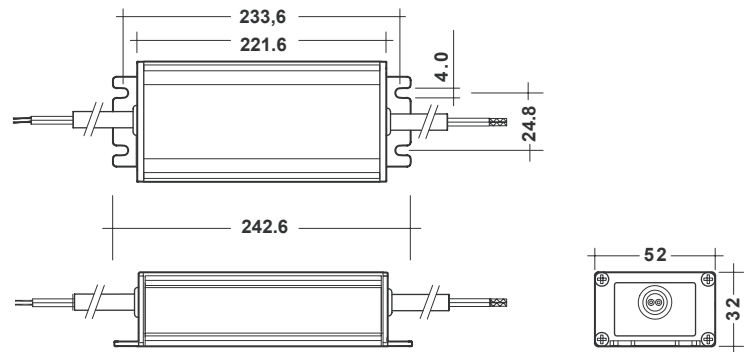
- High Efficiency
- Low Power Loss
- Over Temperature Protection
- Overload Protection by Restricting Output
- Short-Circuit Shutdown Feature With Automatic Re-start
- SELV
- Type of Protection IP67



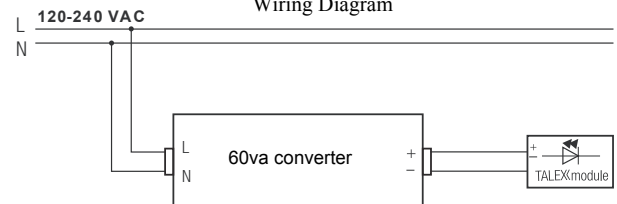
IP67 RoHS

Technical Data

Rated Supply Voltage	120-240V
Input voltage, AC	108-264V
Input voltage, DC	120-240V
Rated current (at 230V 50Hz)	0.33A
Mains frequency	0/50/60Hz
Efficiency	>80%
Max. Input power	75W
Δ	0.93
Output voltage	12 V
Output voltage tolerance	+10%
Output current range	0.4-5A
Output power	60W
Output power range	5-60W
Turn on time (output)	≤ 0.5 s
Turn off time (output)	≤ 1 s
Hold on time at power failure (Output)	10ms
Ambient temperature t_a	-25 to +50°C
Max. Casing temperature t_c	85°C
Storage temperature	-30...+85°C
Weight	0.80kg
Dimensions LxWxH	242x52x32mm
Hole spacing D	234mm



Wiring Diagram



Over Temperature Protection

Automatic power reduction of the converter if the temperature limit is exceeded.
Automatic restart to nominal mode if the temperature falls below the limit.

Overload Protection

Automatic shutdown of the converter if the maximum output current is exceeded.
Automatic re-start if the output current is below the limit.

Maximum Loading of Automatic Circuit Breakers

Automatic circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20
Cable Diameter	1.5 mm ²	1.5 mm ²	1.5 mm ²	2.5 mm ²	1.5 mm ²	1.5 mm ²	1.5 mm ²	2.5 mm ²
60va Converter	10	14	18	22	5	7	9	11

Connection

Primary Cable		Secondary cable	
L	N	+	-
brown	blue	red	black

Standards

EN 55015
EN 61000-3-2
EN 61000-3-3
EN 61347-1
EN 61347-2-13
EN 61547
EN 62384