

IP 20       

TALEXconverter LCU 60 W 12/24 V indoor IP20
Constant voltage

Product description

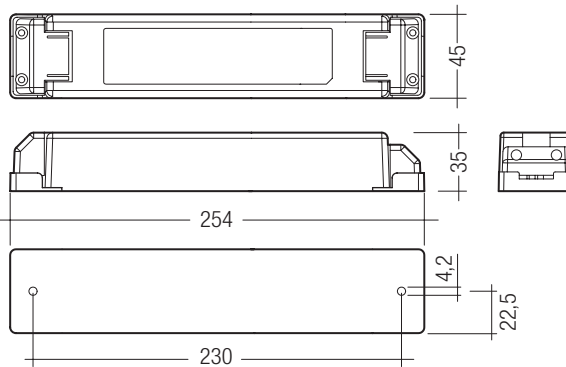
- Constant voltage converter
- Universal input voltage range
- Constant output voltage

Properties

- High efficiency
- Low power loss
- Overtemperature and overload protection
- Short-circuit shutdown feature with automatic restart
- Protection class 2, SELV
- Type of protection IP20

Technical data

Rated supply voltage	120 – 240 V
Input voltage, AC	108 – 264 V
Input voltage, DC	120 – 240 V
Rated current (at 230 V 50 Hz)	0.33 A
Mains frequency	0 / 50 / 60 Hz
Efficiency	> 80 %
λ	0.93
Output voltage tolerance	+ 10 %
Output power	60 W
Output power range	5 – 60 W
Turn on time (output)	\leq 0.5 s
Turn off time (output)	\leq 1 s
Hold on time at power failure (Output)	10 ms
t_a operating (at lifetime 50,000 h)	-25 ... +40 °C
Ambient temperature t_a	-25 ... +50 °C
Max. casing temperature t_c	75 °C
Storage temperature	-30 ... +85 °C
Weight	0.5 kg
Dimensions LxWxH	254 x 45 x 35 mm
Hole spacing D	230 mm



Ordering data

Type	Article number
LCU 060/12 E020	24166323
LCU 060/24 E020	24166324

Packaging: 40 pieces/carton, 1600 pieces/pallet

Specific technical data

Type	Output voltage	Max. input power	Output current range
LCU 060/12 E020	12 V	75 W	0.4 – 5.0 A
LCU 060/24 E020	24 V	75 W	0.2 – 2.5 A

Standards

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

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 restart 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
Installation Ø	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
LCU 060/0012 E020	10	14	18	22	5	7	9	11
LCU 060/0024 E020	10	14	18	22	5	7	9	11

Wiring diagram

