

IP 20       RoHS

TALEXconverter LCI 30 W 700 mA IP20 Constant current

Product description

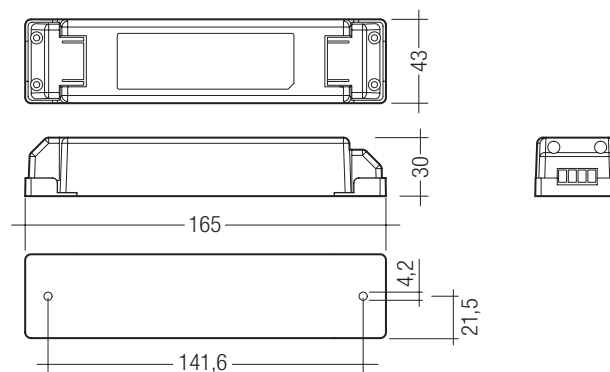
- Constant current converter
- Universal input voltage range
- Constant output current 700 mA
- Strain relief
- Screw terminal

Properties

- High efficiency
- Low power loss
- Overtemperature protection
- Overload protection with automatic restart
- 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)	0.16 A
Mains frequency	0 / 50 / 60 Hz
Efficiency	> 80 %
Max. input power	35 W
λ	0.91
Output current tolerance	$\pm 8 \%$
Output power	30 W
Turn on time (output)	≤ 0.5 s
Turn off time (output)	≤ 1 s
Hold on time at power failure (Output)	10 ms
Ambient temperature t_a	-25 ... +50 °C
Max. casing temperature t_c	90 °C
Storage temperature	-30 ... +85 °C
Weight	0.2 kg
Dimensions LxWxH	165 x 43 x 30 mm
Hole spacing D	142 mm



Ordering data

Type	Article number
LCI 030/0700 E020	24166314

Packaging: 40 pieces/carton, 1600 pieces/pallet

Specific technical data

Type	Output current	Output voltage range
LCI 030/0700 E020	0.7 mA	21 – 43 V

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 shutdown of the converter if the temperature limit is exceeded.
Automatic restart if the temperature falls below the limit.

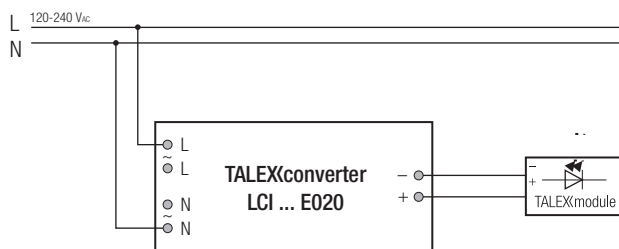
Overload protection

Automatic shutdown of the converter if the maximum output voltage is exceeded.
Automatic restart if the output voltage 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
LCI 030/0700 E020	60	90	120	140	30	45	60	70

Wiring diagram



Wiring type and cross section

The wiring can be in flexible cable with ferules or solid. For perfect function of the screw terminals the strip length should be 7.5–8.5 mm for the terminal.

Input / Output terminal

