

IP67 SELV          

TALEXconverter LCI 33 W 700 mA U010  
TEC series

## Product description

- Constant output current 700 mA
- Short-circuit-proof<sup>①</sup>
- Overtemperature and overload protection<sup>②</sup>
- Output power 33 W
- SELV
- Type of protection IP67
- Connection: cable 600 mm

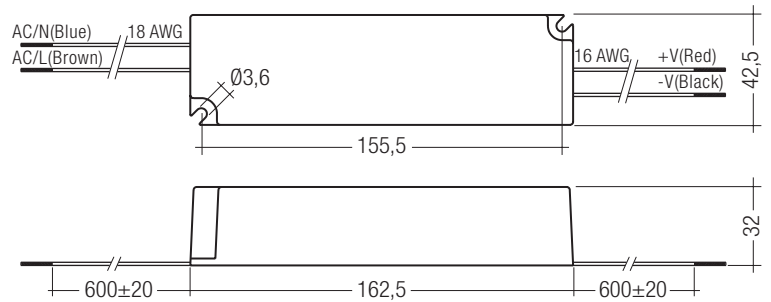
## Technical data

|                                    |                      |
|------------------------------------|----------------------|
| Rated supply voltage               | 220 – 240 V          |
| Input voltage, AC                  | 90 – 305 V           |
| Input voltage, DC                  | 127 – 431 V          |
| Rated current (at 230 V / 50 Hz)   | 0.3 A                |
| Mains frequency                    | 0 / 50 / 60 Hz       |
| Typ. efficiency                    | 89 %                 |
| $\lambda$ (at 230 V / 50 Hz)       | 0.95                 |
| Inrush current (at 230 V / 50 Hz)  | 75 A / 10 ms         |
| Leakage current (at 230 V / 50 Hz) | < 0.79 mA            |
| THD (applying to the current)      | 18 %                 |
| Output voltage range               | 28.8 – 48 V          |
| Max. output voltage <sup>③</sup>   | 50 V                 |
| Output current tolerance           | $\pm 5$ %            |
| Output current                     | 700 mA               |
| Output power                       | 33 W                 |
| $t_a$ operating                    | -30 ... +50 °C       |
| Max. casing temperature $t_c$      | 75 °C                |
| Storage temperature                | -40 ... +80 °C       |
| Dimensions LxWxH                   | 162.5 x 42.5 x 32 mm |

<sup>①</sup> Hiccup mode, recovers automatically after fault condition is removed.

<sup>②</sup> Overtemperature and overload shut down output voltage. Re-power on to recover.

<sup>③</sup> In non-load operation.



## Ordering data

| Type              | Article number | Packaging carton | Packaging pallet | Weight per pcs. |
|-------------------|----------------|------------------|------------------|-----------------|
| LCI 033/0700 U010 | 25000669       | 32 pc./pcs.      | 1,792 pc./pcs.   | 0.45 kg         |

**Standards**

EN 55015  
EN 61000-3-2-CLASS C  
EN 61000-3-3  
EN 61347-1  
EN 61347-2-13  
EN 61547

**Wiring type**

**Input:** 18 AWG, cable length: 600 mm ±20

ACN: blue  
ACL: brown

**Output:** 16 AWG, cable length: 600 mm ±20

V+: red  
V-: black

**Wiring diagram**

