

IP20 SELV                                                         

Standards

EN 55015
 EN 61000-3-2
 EN 61347-1
 EN 61347-2-13
 EN 61547
 EN 62384
 IEC 62386-101
 IEC 62386-102
 DIN VDE 0710 part 14

Maximum loading of automatic circuit breakers

Automatic circuit breaker type	C10	C16	B10	B16
Installation Ø	1.5 mm ²	2.5 mm ²	1.5 mm ²	1.5 mm ²
LCI 050/1050 N020	15	25	9	15

Thermic sensor

NTC value	Start operation temperature (3 V Req = 26 kΩ)	Total turn off temperature (2,2 V Roff = 15 kΩ)
220 K	75 °C	90 °C
Component tolerances are not considered.		

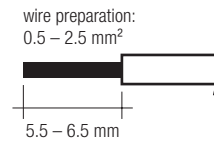
Wiring guidelines

- The cables should be run separately from the mains connections and mains cables to ensure good EMC conditions.
- The maximum secondary cable length at the terminals is 5 m. The LED wiring should be kept as short as possible to ensure good EMC.
- The LED modules must be operated in series on converter.
- The converter does not have polarity reversal protection on the secondary side. LED modules that do not have polarity reversal protection may be damaged if polarity is reversed.

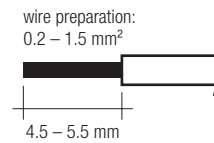
Wiring type and cross section

Strain relief for Ø 3–8 mm.

Input / Output terminal



NTC / FAN



Information about the correct handling of LEDs can be found in the TALEX brochure "Installation instructions and guidelines" → www.tridonic.com

Wiring diagram

