Description and Mounting Instructions

LED Driver with constant output current of 350mA for the operation of LED
(Electronic switch-type power supply unit)

MODEL: 464107 CE

1. Technical Data:

		464107 LSVC3AI-Z UNI
Rated voltage		100-240 V~ 50-60 Hz
Constant output current		350 mA
Secondary voltage		3-9 VDC SELV
Shared load operation		1-3 W
Open-circuit safety		guaranteed
Ambient temperature ta		-20°C - +50°C
Housing temperature tc-point		max.70°C
Protection class		II
Standards		EN 61347, EN 62384
EMC conformity		EN 61547, EN 55015, EN 61000-3-2, EN 61000-3-3
Primary cable		Min. H03VV-F 2x0.75 mm² for strain relief
Secondary cable		Quick connector
Diameter of wires	PRI	0.75 – 1.5 mm² AWG 20-16
Bared wire end	PRI	6 mm

2. Installation Instructions
The installation may only be carried out by an electrical specialist in accordance with international and national standards.

When working on electrical systems, protection against electric shock is to be ensured by disconnecting the system. Install primary and secondary mains intersection-free (RFI protection).

Before switching on the supply voltage all LED must be completely wired and connected!

The LED Driver is strictly suited for the use with LED that requires a constant current of 350mA.

When connecting the LED, careful attention should be paid to connecting + and - to the right terminals on the LED Driver.

LED Drivers mounted outside of luminaires are to be screwed tightly to the respective surface by their screw holes and careful attention is to be paid to the connecting cables and the lamp cables being fastened securely in the strain relief.

The tc-point temperature may not be exceeded for any kind of mounting. The devices do not contain any serviceable components and may not be opened.

3. Important Information
Our LED Drivers are surge-voltage-stable with values above those prescribed by the respective standards. As a protection against high voltage surges, as they occur e.g. when switching fluorescent lamps and discharge lamps with an inductive ballast, motors (fans, etc.) and other inductive charges, the load circuits for devices of this kind are to be clearly separated from each other.

The LED Driver cannot be regulated via a phase cut-on or cut-off dimmer!

4. Safety Functions
In case of a short circuit or overload the LED Driver will automatically cut off. It does not have a fuse of the conventional kind. Thus the load circuit is not separated!
As soon as the defect has been repaired, the LED Driver will automatically cut back in.

5. Excess Temperature
In case of excess temperature through external heat sources or impermissible covers the function will be interrupted. The mains will not be disconnected. As soon as the LED Driver has cooled off, it will automatically cut back in.

6. Heat Dissipation and Heat Transfer
Operation in excess ambient temperature or through external heating will reduce the service life. During the installation process (particularly into luminaires), heat dissipation (heat transfer) is to be provided through suitable measures. The ambient temperature and/or tc-point temperature may not be exceeded at any time. We are not liable for damage resulting from improper use.

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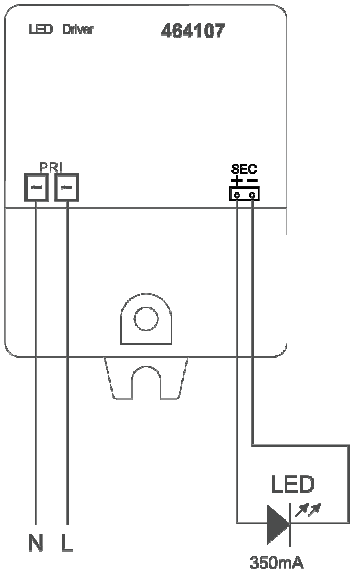
Technical properties subject to modification.

Anschlussbild – Installation diagram – Schéma de raccordement – Esquema de conexión -



D

Nach dem Abschalten des Geräts liegt am Sekundärausgang für einige Zeit weiterhin Spannung an, die sich innerhalb von ca. 10 min abbaut. In dieser Phase dürfen Sie keine LED anschließen, da diese sonst beschädigt werden. Um diese Restspannung zu entfernen schließen Sie die Kontakte am Sekundärausgang kurz (LED dürfen nicht angeschlossen sein).
Wir empfehlen grundsätzlich vor dem Anschluss von LED, am abgeschalteten Gerät, die Kontakte am Sekundärausgang kurzzuschließen.

GB

When the device has been switched off, there is some temporary voltage remaining on the secondary output, which decomposes within about 10 minutes. At this stage, no LEDs may be connected, as they will be damaged otherwise. In order to remove the residual voltage, short-circuit the contacts on the secondary output (LEDs may not be connected).
In principle, we recommend short-circuiting the contacts on the secondary output before connecting LEDs with the device switched off.

F

Après la coupure de l'appareil, la sortie secondaire est encore sous tension pendant quelque temps, cette tension disparaît dans les 10 min env. Durant cette phase, vous n'avez pas le droit de brancher des LED car celles-ci seraient sinon endommagées. Pour éliminer cette tension restante, court-circuitez les contacts au niveau de la sortie secondaire (les LED ne doivent pas être raccordées).
En principe, nous recommandons de court-circuiter les contacts au niveau de la sortie secondaire avant de brancher les LED, sur l'appareil déconnecté.

ES

Después de desconectar el equipo, todavía existen tensiones temporales en la salida secundaria, las que se deshacen dentro de unos 10 minutos. En esta fase no debe conectarse ningún led ya que éstos se dañan de otra manera. Para eliminar las tensiones residuales, se ponen en cortocircuito los contactos en la salida secundaria (los ledes no deben estar conectados).
Recomendamos poner siempre en cortocircuito los contactos en la salida secundaria con el equipo desconectado antes de conectar los ledes.

NL

Na het uitschakelen van het apparaat blijft bij de secundaire uitgang nog enige tijd spanning aanwezig. Deze wordt binnen 10 minuten afgebouwd. Gedurende deze tijd mogen geen LED's aangesloten worden omdat die anders beschadigd worden. Om deze restspanning te verwijderen voert u een kortsluiting uit op de contacten aan de secundaire uitgang (er mogen geen LED's aangesloten zijn).
Wij raden aan in principe alvorens LED's aan te sluiten, als het apparaat uitgeschakeld is, kortsluiting uit te voeren aan de contacten van de secundaire uitgang.