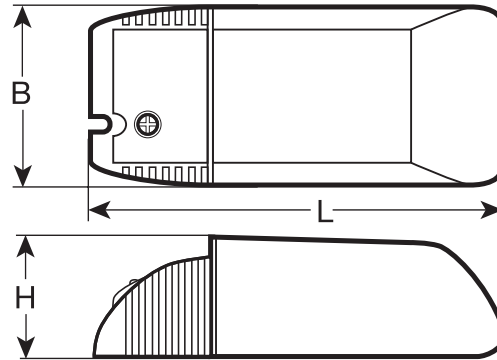


Technical data

| | |
|--|--|
| Reference: | OTe 15/220-240/350 PC |
| For LED modules: | 350 mA LED |
| Nominal Voltage: | 220 – 240 V _{AC} |
| Line Current, nominal: | 85mA @ 230V |
| Mains Frequency: | 50/60 Hz |
| Protection Class: | II |
| Output Current: | 350 mA _{DC} |
| (Remark) | +/- 5% |
| Output voltage: | 28 V _{DC} – 45,5 V _{DC} |
| (Remark) | Maximum < 48 V _{DC} |
| Output Power: | 16 W |
| (Remark) | Partial Load 10W .. 16W |
| Rated Power factor: | ≥ 0,9 (full load) @ 230V > 0,85 (half load) @ 230V |
| Power Loss: | < 3 W max. |
| ECG efficiency: | ≥ 84% |
| (Remark) | full load at 230V |
| Power Loss in no load condition | < 1,5 W |
| (Remark): | No load condition |
| Input Voltage: | 195 – 264 VAC |
| (Remark) | Permitted voltage range |
| DC Voltage: | No |
| Dimmable: | Yes |
| (Remark) | Suitable for use with electronic leading- and trailing edge dimmer (Phase Cut) |
| Dimming Range: | 10%.....100% |
| No-load proof: | Yes |
| Short circuit protection: | Automatic, reversible |
| Overload protection: | Automatic, reversible |
| Overtemperature protection: | Automatic, reversible |
| Ambient temperature range, t _a : | -20 °C to +45 °C |
| Max. case temperature at t _c point: | 70 °C |
| ECG Lifetime: | 50.000h |
| (Remark) | at t _{case} = 70 °C at t _c point and 10% failure rate |
| Maximum casing temperature in case of fault | 110°C |

| | |
|--|---|
| Inrush current: | < 10 A |
| (Remark) | $t_{width} = 250 \mu s$ (measured at 50% I_{peak}) |
| Max. no. of ECG @ circuit breakers 10 A (B type): | 80 |
| Max. no. of ECG @ circuit breakers 16 A (B type): | 130 |
| Terminal: | Input: Screw terminals Output: Screw terminals |
| Cable cross section input side | 0,5 mm ² – 2,5 mm ² |
| (Remark) | Solid and flexible |
| Wire preparation length Input side: | 5,0 mm |
| Cable cross section output side: | 0,5 mm ² – 2,5 mm ² |
| (Remark) | Solid and flexible |
| Wire preparation length output side: | 5,0 mm |
| Max. cable length - system: | 2 m |
| Geometry (l x b x h): | 109 x 53 x 33 mm |
| Weight: | ~ 100g |
| IP Code: | IP20 |
| (Remark) | |
| Safety: | IEC 61347-1, IEC 61347-2-13 |
| Performance: | IEC 62384 |
| Radio interference: | CISPR 15 |
| Harmonic content: | IEC 61000-3-2 |
| Immunity: | IEC 61000-3-3 IEC 61547 |
| Surge capability: | L-N: 1kV |
| Galvanic isolation primary/secondary : | 3,75 kVrms |
| (Remark) | SELV-equivalent |
| Approvals: | CE |

Geometry



$l = 109 \text{ mm}$, $b = 53 \text{ mm}$, $h = 33 \text{ mm}$,

Earth connection

Earth connection is not required.

Installation notes

The luminaire manufacturer is responsible for providing the required clearances and creepage distances and also for the protection against electrical shock, especially for the line and load wires according EN 60598.

Ballast losses and LED Module heat radiation can lead to heat accumulation in a complete closed case. Therefore it is necessary to ensure, that the temperature at the measuring point t_c does not exceed the maximum value.

Instruction sheet

Please consult the instruction sheet for further important information on e.g. wire stripping and wiring limitations in system installations. The instruction sheet is enclosed with the device or available upon request.