

OT 9/200-240/350

Electronical stabilized constant current LED Power Supply

Technical
Information
Edition: Nov. 2004
subject to change

Technical data:

| | |
|---|---|
| Reference: | OT 9/200-240/350 |
| For LED modules: | DRAGON-LED-Modules and 350mA supplied LEDs |
| Line voltage, nominal: | 200 - 240 V _{RMS} |
| Line current, nominal: | 0,1 A _{RMS} @ 230V |
| Line frequency: | 0/50/60 Hz |
| Output voltage: | 1,8 - 25 V _{DC} |
| Output current: | DC current 350 ± 17.5 mA, electronically stabilized |
| Max. module wattage: | 8,5 W |
| Max. number of LED | Max. 6 DRAGON LED in W, B, G or Max. 9 DRAGON LED in A, Y |
| Max. losses: | 2,7 W |
| Partial load: | 0,6 ... 8,5 W |
| Perm. line voltage fluctuations: | 180 - 254 V _{RMS} |
| Power factor: | >=0,5 |
| DC voltage operation: | Yes (176 - 264 V) |
| Safety: | EN 61347-2-2; EN 60598; IEC 61347-2-13 draft; |
| Perfomance: | IEC 62384 draft |
| Radio interference: | EN 55015 |
| Harmonic content: | EN 61000-3-2 |
| Immunity: | EN 61547 |
| Temperature range: | -20 °C to +50 °C |
| Galvanic insulation between primary and secondary side: | 3 KV _{RMS} |
| Non-load proof: | Yes |
| Short circuit protection: | Autom. shutoff, reversible |
| Overload protection: | Autom. shutoff, reversible |
| Overheating protection: | Autom. shutoff, reversible |
| Dimmable: | No |
| Connectors: | Push-in type |
| Primary: | main terminal & ground connection |
| Wire cross section, primary: | 0,5 mm ² to 1,5 mm ² massive leads 0,5 mm ² to 1 mm ² flexible leads |
| Secondary: | LED terminal |
| Wire cross section, secondary: | 0,5 mm ² to 1,5 mm ² massive leads 0,5 mm ² to 1 mm ² flexible leads |
| Max. cable length: | 10 m with 1,5 mm ² massive leads for class II luminaires 80 cm for class I luminaires |
| Geometry (l x w x h): | 80 mm x 40 mm x 22 mm |
| Protection Class: | II suitable for protection class I luminaires: functional earthing recommended |

Approvals:

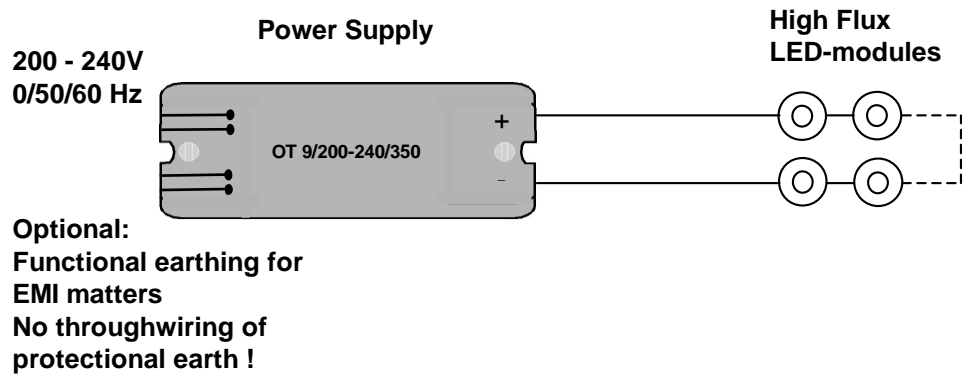
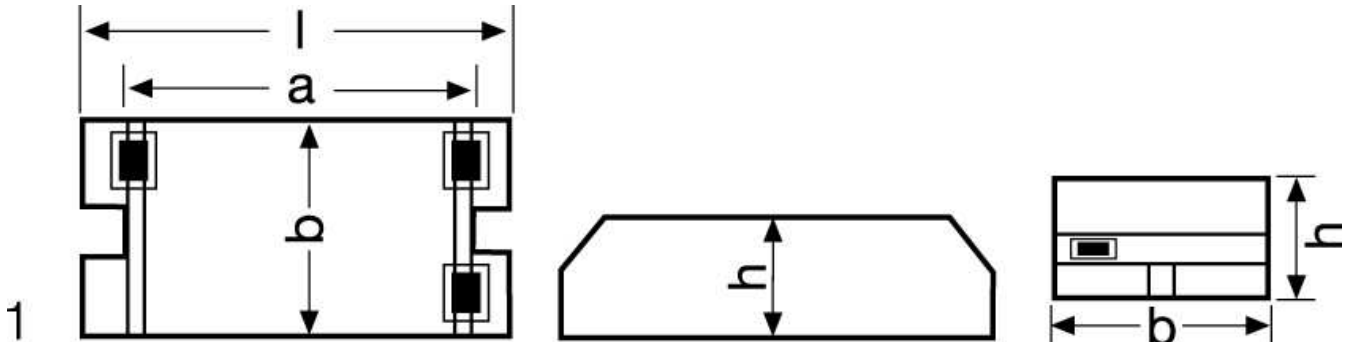


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Geometry



! Attention: Connection of the LED-modules only in series!

When installed into luminaires, the luminaire manufacturer is responsible for providing the required clearances and creepage distances and also for the protection against electrical shock.