OT 9/100-120/350 E

Electronically stabilized constant current LED Power Supply

Technical Information

Edition: April 2008

subject to change

Technical data

Reference:	OT 9/100-120/350 E
For LED modules:	DRAGON-LED-Modules and 350mA supplied LEDs
Line voltage, nominal:	100 - 120 V_{RMS}
Line current, nominal:	0,18 A_{RMS} @ 120V
Line frequency:	50/60 Hz
Output voltage:	1,8 - 25 V_{DC}
Output current:	DC current 350 ± 17.5mA, 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 in A, Y
Max. losses:	3 W
Partial load:	0,6 … 8,5 W
Perm. line voltage fluctuations:	90 - 132 V_{RMS}
Power factor:	>=0,5
Safety:	UL 1310; UL 48; UL 879A; SAM
Radio interference:	FCC 47 part 15 class A
Immunity:	ANSI C 62.41 class B
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
Connections:	Push-in type
Wiring:	
Primary:	main terminal
Wire cross section, primary:	0,5 mm² to 1,5 mm² massive leads 0,5 mm² to 1 mm² flexible leads
Secondary:	LED terminal
Wire cross section, secondary:	0,5 mm² to 1,5 mm² massive leads 0,5 mm² to 1 mm² flexible leads
Max. cable length	10 m with 1,5 mm² massive leads
Geometry (l x b x h):	80 mm x 40 mm x 22 mm
Approvals	CE; c UL us ;

OT 9/100-120/350 E

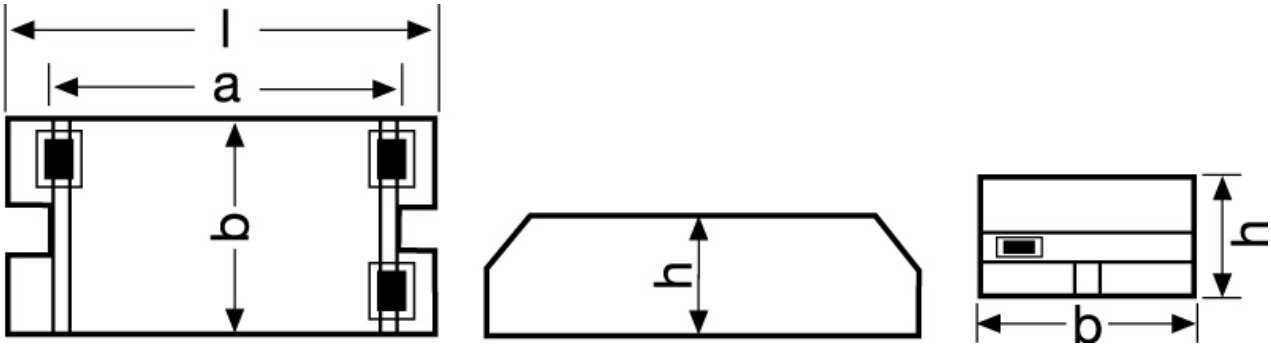
Electronically stabilized constant current LED Power Supply

Technical Information

Edition: April 2008

subject to change

Geometry



Wiring diagram

OT 9/100-120/350 E

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

Instruction sheet

Please consult the instruction sheet for further important information on dimming characteristic, wire stripping and wiring limitations in system installations. The instruction sheet is available upon request.

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