

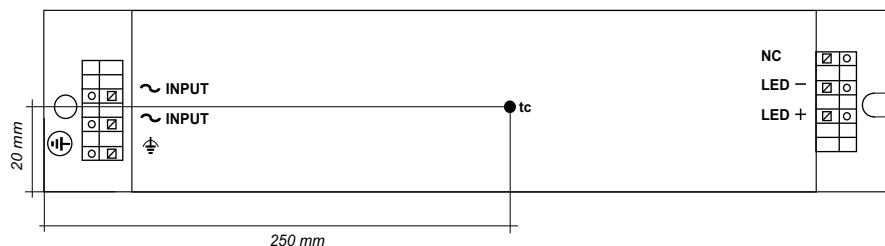
Technical Information

EVD214 0700 530 LBG 400

LED control gear, 700 mA max. 390 W output, non SELV

Supply :	U : 230 VAC ... 400 VAC / 47-63 Hz Tolerance: 200 to 440 VAC
	I : 1,8 A @ 230 VAC 1 A @ 400 VAC
	Pf : 0,99 @ 230 VAC 0,96 @ 400 VAC
Output :	I _{out} : 700 mA constant current / non-SELV Tol. : 660 to 740 mA
	U _{out} : 350 to 530 V LED forward voltage
	U _o : Max. 700 V open circuit voltage
Efficiency :	> 95 % @ 230 V 50 Hz 100 % load > 96 % @ 400 V 50 Hz 100 % load
THD :	I < 9 %, U < 3 % @ 230 VAC / 50 Hz / 100 % load I < 11 %, U < 3 % @ 400 VAC / 50 Hz / 100 % load
Standards:	EN 55015 / RI suppression EN 61547 / Burst immunity: 4 kV / Surge immunity: 4 kV line-earth, 2 kV line-line EN 61347 / Safety EN 61000-3-2 / Harmonics
Protections :	No-load Short-circuit Temperature Undervoltage / Derating of output-current / I _{out} = -10 % @ 200 VAC
Design :	LB / metal housing
Dimensions :	360 x 40 x 40 mm (L x W x H)
Fixture :	Hole spacing 353 mm Diameter 4,2 mm
Temperature :	t _a : -25 °C to +75 °C t _c : max. 75 °C
Lifetime :	50.000 h @ t _c = 70 °C 35.000 h @ t _c = 75 °C MTBF 100K hrs min. @ t _a =25 °C; 400 VAC; 100 % load
Wire cross section :	0,5 ... 1,5 mm ²
Wiring guidelines :	Separate mains and LED-wires; Keep LED-wires as short as possible. No secondary switching. Take care of polarity on LED-side to prevent damage. The driver is only to be used as a built-in device. Take care to dielectric withstand of LED-Module to Earth - the driver is "non SELV". Connect housing to Earth.

Connection diagram : Drawing not to scale



Product number : 7703000097

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