

Technical Information

EVD214 0750 380 LRG 230

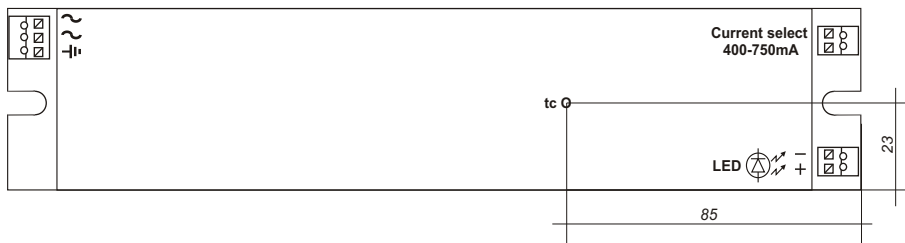
LED control gear, 400-750mA max. 245W

Type : EVD214 0750 380 LRG 230

Supply :	U : 220V ... 240V 0 / 50...60 Hz Tolerance: 195 to 265 VAC 175 to 300 VDC start at > 198V AC and DC I : 1,15 A Pf : 0,98
Output :	Iout : 400-750mA constant current / current selectable by resistor / non-SELV Tol. : 390 to 410mA - 730 to 770mA (-/+3%) Uout : 190 to 340V LED forward voltage Uo = max. 380V open circuit voltage
Efficiency :	>95% at 230V 50Hz 100% load
Control :	-
Dimming :	-
Standards:	EN 55015 / RI suppression EN 61547 up to 4kV Burst/ Immunity EN 61347 / Safety EN 61000-3-2 / Harmonics
Protections:	No-load Short-circuit Under voltage shut down Thermal management -see Overtemperature-
Design :	LR / metal housing
Dimensions :	Length 260 mm Width 46 mm Height 33 mm
Fixture :	Hole spacing 246 mm Diameter 4,2 mm
Temperature :	ta : - 40°C ... + 70°C tc : max. 95°C
Overtemperature :	on board integrated, an higher than 85°C and rising Temperature reduces the power increasingly up to the lowest dimming level.
Lifetime :	100.000h at tc nominal: 85°C 50.000h at tc maximal: 95°C
Wire cross section:	0,5 ... 1,5 mm ²
Wiring guidelines:	Separate the mains and the LED-wires; Keep the LED-wires as short as possible; No secondary switching Take care of the polarity on LED-side to prevent damage; The driver is only to be used as a built-in device Take care to the dielectric withstand of the LED-Module to Earth - the driver is "non SELV"; Connect the housing to Earth

Connection diagram :

Drawing not to scale



Current select table

current select Resistor	open	38k	16k	8,6k	4,7k	2,4k	1k	short
LED-current	400mA	450mA	500mA	550mA	600mA	650mA	700mA	750mA

Approved for max. automatic circuit breakers

Current [A]	10		16		20		25	
Charakteristics	B	C	B	C	B	C	B	C
max. ECGs/LS	5	6	8	10	10	12	12	15

Product number : 7702000035



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