Betek LED DRIVER

SPECIFICATION 3253515

Description	220-240V Triac Dimming LED Driver, Constant Current Driver
Electrical Characteristics	Ta = 25°C, 220-240Vrms input, standard reference load; unless otherwise specified
Class II, IP20, thermally protected 110, independent driver	

	Type	Unit	3253515
INPUT	Nominal voltage	V	220 – 240
	Nominal frequency	Hz	50 / 60
	AC voltage range	V	198 – 264
	DC voltage range	V	176 – 250
	Nominal current	A	0.25
	THD (Full load)	%	≤ 25
	Power factor(Full load)		0.95
	Efficiency(Full load)	%	85
	Turn on time	ms	≤ 500
	No load	W	N/A
	Protection class		II
	Inrush current(Cold start)	A pk	5 (th = 100 µs)
	Max.units per circuit breaker		B10:40 B13:52 B16:64 B20:80 C10:40 B13:52 C16:64 C20:80
OUTPUT	Nominal voltage range	V	19 - 38
	Maximum voltage(Open Circuit)	Vdc	48
	Nominal current	mA	1050
	Current accuracy	%	+/- 5
	Current ripple 100Hz	%	≤ 20
	Pst LM		≤ 1
	SVM		≤ 0.4
	Nominal power range	W	20 – 40
	Maximum power	W	40
	Galvanic isolation		SELV
ENVIRONMENT	Ambient temperature range ta	°C	-20 …+40
	Maximum case temperature tc	°C	70
	Max. Case temp. In fault condition	°C	110
	Storage temperature range	°C	-20 …+70
	Relative humidity	%	5 ... 85(Not condensing)
	Surge transient protection	kV	1 | 2 (L/N | LN/PE acc to. EN 61547 Clause 5.7)
	Environmental rating		Indoor
	IP rating		IP 20
	Mains switching cycles		> 100,000
	Expected lifetime	h	100,000（0.2% / 1'000 h failure rate）

*All parameters NOT specially mentioned are measured at 230VAC input ,rated current and 25℃ of ambient temperature

Protections

Over temperature

Yes

Overload

Yes

No load

Yes

Short-circuit

Yes

Input overvoltage

Maximum allowed input voltage 264VAC

Output overvoltage

Yes

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