

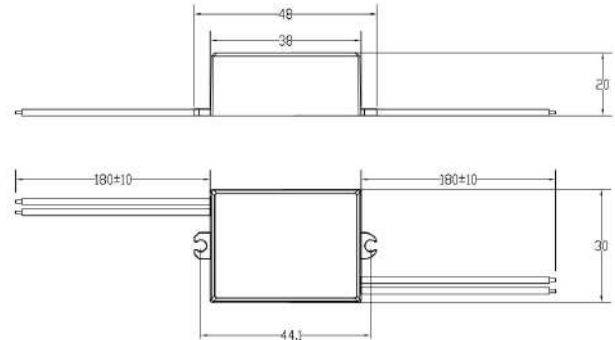


SWITCH TO BRIGHTER FUTURE

Product data sheet: MINI-6-xxxT Series

Features

- Super compact design for built-in use
- Dimmable constant current driver
- Analogue flicker-free
- Dimming with trailing edge dimmer
- Smooth dimming compatible with most dimmer
- Dimming range 10...100%
- Primary and secondary sides come with leads
- Protections: opencircuit, shortcircuit, overload, overtemperature
- Seal with glue, the operating temperature up to 60°C
- SELV equivalent



Applications

- Office
- Shop
- Hospitality
- Public areas

Approbations & Certifications

TUV, CE, CB

Housing properties

- Housing material: plastic, white.
- Type of protection IP20

Electrical Specifications

Type		Unit	MINI-6-160T	MINI-6-180T	MINI-6-250T	MINI-6-260T	MINI-6-300T	MINI-6-350T	MINI-6-500T	MINI-6-700T
INPUT	Nominal voltage	V	220 – 240							
	Nominal frequency	Hz	50 / 60							
	AC voltage range	V	198 – 264							
	DC voltage range	V	N/A							
	Nominal current	A	0.06							
	THD (Full load)	%	≤ 25							
	Power factor (Full load)		0.90C							
	Efficiency (Full load)	%	75	75	74	74	71	71	70	70
	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: 140 B16: 224 C10:166 C16:266							
OUTPUT	Nominal voltage range	V	19 - 38	17 - 34	12 - 24	12 - 24	10 - 20	9 - 17	6 - 12	4 - 9
	Maximum voltage(Open Circuit)	Vdc	≤ 45	≤ 45	≤ 33	≤ 32	≤ 29	≤ 24	≤ 20	≤ 17
	Nominal current	mA	160	180	250	260	300	350	500	700
	Current accuracy	%	+/- 8							
	Current ripple ≤120Hz	%	≤ 10							
	Pst LM		≤ 1							
	SVM		≤ 0.4							
	Nominal power range	W	3 – 6							
	Maximum power	W	6							
	Galvanic isolation		SELV							
ENVIRONMENT	Ambient temperature range ta	°C	-20 ...+60							
	Maximum case temperature tc	°C	90							
	Max. Case temp. In fault condition	°C	110							
	Storage temperature range	°C	-20 ...+70							
	Relative humidity	%	5 ... 85 (Not condensing)							
	Surge transient protection	kV	0.5 1 (L/N LN/PE acc to. EN 61547 Clause 5.7)							
	Environmental rating		Indoor/Outdoor							
	IP rating		IP 20							
	Mains switching cycles		> 100,000							
	Expected lifetime	h	50,000 (0.2% / 1'000 h failure rate)							

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

Protections

Over temperature

Yes

Over load

Yes

No load

Yes

Short-circuit

Yes

Input overvoltage

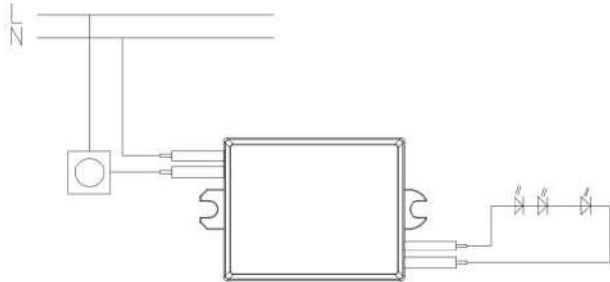
Maximum allowed input voltage 264V AC

Output overvoltage

Yes

Wiring Diagram

Max. cable length - system:	2 m
Dimensions(LxWxH):	48 x 30 x 20 mm
Mounting hole spacing, length	44.1 mm
Wire length	180 ± 10 mm
Weight:	45 ± 8 g



Input Wire: VDE 7726 0.5mm² Output Wire: UL 1015 22AWG

Hot plug-in or secondary switching of LEDs is not permitted and may cause a very high current to the LEDs.

Remarks

-**Touch current:** lower than 0.7 mA, according to EN 60598-1 annex. G and EN 61347-1 annex A

Standards

EN 61347-1
EN 61347-2-13
EN 62384
EN 55015
EN 61000-3-2
EN 61000-3-3
EN 61547
EN 60598-1
EN 50581
IEE1789
(EU) 2019/2020

Manufacturer's address:

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