

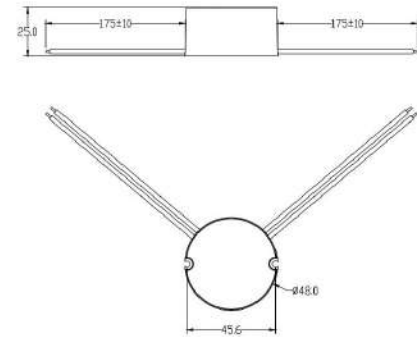


SWITCH TO BRIGHTER FUTURE

Product data sheet: RS-15-xxxT V2.0

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
- SELV equivalent
- Suitable for class I&II luminaires



Applications

- Office
- Shop
- Hospitality
- Public areas

Approbations & Certifications

TUV CE RCM

Housing properties

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

Electrical Specifications

Type		Unit	RS-15-300T V2.0	RS-15-350T V2.0	RS-15-500T V2.0	RS-15-700T V2.0
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	0.1			
	THD (Full load)	%	≤ 25			
	Power factor (Full load)		0.95			
	Efficiency (Full load)	%	82	82	80	78
	Turn on time	ms	≤ 500			
	No load	W	N/A			
	Standby power	W	N/A			
	Protection class		N/A			
	Inrush current(Cold start)	A pk	5 (th = 300 μs)			
	Max.units per circuit breaker		B10:35 B13:46 B16:56 B20:70 C10:74 C13:96 C16:118 C20:148			
OUTPUT	Nominal voltage range	V	25 – 50	21 – 42	15 – 30	10 – 21
	Maximum voltage(Open Circuit)	Vdc	≤ 58	≤ 50	≤ 38	≤ 27
	Nominal current	mA	300	350	500	700
	Current accuracy	%	+/- 5			
	Current ripple ≤120Hz	%	≤ 10			
	Pst LM		≤ 1			
	SVM		≤ 0.4			
	Nominal power range	W	7.5 - 15			
	Maximum power	W	15			
	Galvanic isolation		SELV			
ENVIRONMENT	Ambient temperature range ta	°C	-20 ...+50			
	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	1 2 (L/N LN/PE acc to. EN 61547 Clause 5.7)			
	Environmental rating		Indoor			
	IP rating		IP 20(Dow Corning)			
	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

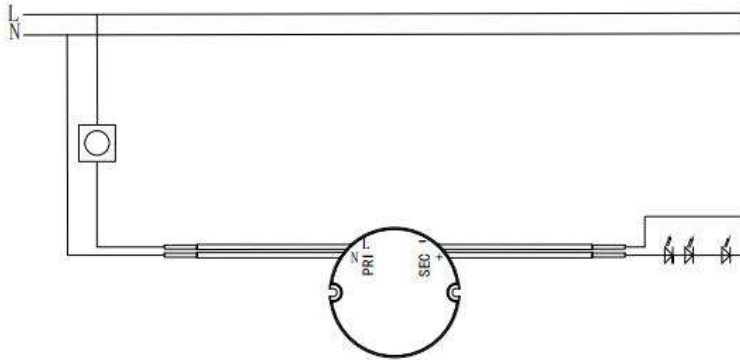
Maximum allowed input voltage 264V AC

Output overvoltage

Yes

Wiring Diagram

Max. cable length - system:	2 m
Dimensions(DxH):	φ48 x 25 mm
Mounting hole spacing	45.6 mm
Wire length	175 ± 10 mm
Weight:	80 ± 10 g



Input Wire: VDE 7726 0.5mm²; Output Wire: VDE 3289 0.3mm².

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
IEEE1789
(EU) 2019/2020

Manufacturer's address:

No.4,Tongfu Road,Tong'an Industrial Center,Tong'an District,Xiamen,Fujian,China

www.actec.com.cn