

PSSC TDHS Series

Phase Dimming IP20 24VDC



Features

- 24V Constant Voltage Output, 30-150W
- Triac Dimmable (Leading & Trailing Edge)
- Short circuit, overload, over-temperature Protection
- Dimming range without flickering 0-100%
- Compatible with leading edge and trailing edge TRIAC dimmers
- Load 10-100%
- 5 Year Warranty

Code		PSSC-24V-30W-TDHS	PSSC-24V-60W-TDHS	PSSC-24V-100W-TDHS	PSSC-24V-150W-TDHS
Output	DC voltage	24V			
	Voltage tolerance	±0.5V			
	Rated current	1.25A	2.5A	4.17A	6.25A
	Rated power	30W	60W	100W	150W
Input	Voltage range	200-240V AC			
	Frequency range	47-63HZ			
	Power factor	PF ≥0.95 (Full Loading)			
	Full load efficiency	90%			
	AC current (Max)	0.20A/200VAC	0.37A/200VAC	0.59A/200VAC	0.95A/200VAC
	Leakage current	<0.50mA			
Protection	Short circuit	Hiccup mode, recovers automatically after fault is removed			
	Over load	≤120%, Hiccup mode, recovers automatically after fault is removed			
	Over temperature	100°C ± 10°C shut down o/p voltage, re-power on to recover after fault is removed			
	Warranty	5 Years			
Environment	Working TEMP	-40~+60°C			
	Working humidity	20~95%RH, non-condensing			
	Storage TEM, humidity	-40~+80°C, 10~95%RH			
	TEMP. coefficient	±0.03%/°C(0~40°C)			
	Vibration	10 - 500Hz, 2G 10min./1 cycle, period for 60min.each along X,Y,Z axes			
Safety & EMC	Safety standards	EN61347-1 EN61347-2-13 EN62493			
	Withstand voltage	I/P-O/P:3.75KVAC			
	Isolation resistance	I/P-O/P: 100MΩ/500VDC/25°C/70%RH			
	EMC EMISSION	EN55015, EN61000-3-2, EN61000-3-3			
	EMC immunity	EN61000-4-2, 3, 4, 5, 6, 11, EN61547			
Dimensions	Size	260*30*18.5mm (L*W*H)	300*30*18.5mm (L*W*H)	330*30*22mm (L*W*H)	368*30*22.5mm (L*W*H)

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