

PSSC 12V SERIES

Triac Dimmable Driver

Features

- Range AC Input: 200-240VA
- Built-in active PFC function
- Up to 88% efficiency
- Short circuit, over loading & over temperature protection
- Aluminium housing for easy installation and protection
- IP66 design for outdoor installations
- Works with leading edge and trailing edge TRIAC dimmers
- Strong compatibility, flicker free dimming
- Suitable for LED lighting and moving sign applications



Code		PSSC-12V-100W	PSSC-12V-120W	PSSC-12V-150W	PSSC-12V-200W	PSSC-12V-300W	PSSC-12V-360W
Output	DC voltage	12V					
	Voltage tolerance	±0.5V					
	Rated current	8.33A	10A	12.5A	16.6A	25A	26.7A
	Rated power	100W	120W	150W	200W	300W	320W
Input	Voltage range	200-240V AC					
	Frequency range	47-63HZ					
	Power factor	PF ≥0.95 (Full Loading)					
	Full load efficiency	88%					
	AC current (Max)	0.8A	1.0A	1.2A	1.4A	2.0A	2.2A
	Leakage current	<0.50mA					
Protection	Short circuit	Hiccup mode, recovers automatically after fault is removed					
	Over load	≤120%					
	Over temperature	100°C ± 10°C shut down o/p voltage, re-power on to recover					
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, 5G 12min./1 cycle, period for 72min.each along X,Y,Z axes					
Safety & EMC	Safety standards	EN61347-1 EN61347-2-13					
	Withstand voltage	I/P-O/P:3.75KVAC I/P-FG:1.88KVAC O/P-FG:0.5KVAC					
	Isolation resistance	I/P-O/P I/P-FG O/P-FG:100MΩ/500VDC/25°C/70%RH					
	EMC EMISSION	EN55015,EN61000-3-2,3 (≥60%loading)					
	EMC immunity	EN61000-4-2,3,4,5,6 ,11,EN61547					
Others	Weight	1.1kg	1.1kg	1.45kg	1.45kg	1.67kg	1.67kg
	Size	230*70*43mm (L*W*H)	230*70*43mm (L*W*H)	265*78*47mm (L*W*H)	265*78*47mm (L*W*H)	276*78*47mm (L*W*H)	276*78*47mm (L*W*H)
	Warranty	5 years					

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