

AC INRUSH CURRENT LIMITERS



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PSICL AC Inrush Current Limiters Single phase 220/240VAC 12A-25A rating

Applications:

- Inductive & Capacitive Loads
- Isolating Transformers
- Automation Systems & Machinery
- Switching Power Supplies (operated in parallel)
- LED Lighting Systems



The PSICL Series is a range of inrush current limiters designed to protect against unintended fuse or circuit breaker activation caused by peak currents. The benefits can result in reduced cable cross section and the use of smaller and faster circuit breakers. These are not simple NTC devices and feature current control circuits with integrated bypass relays.

Electrical Specification				
Model		PSICL-1P-12A	PSICL-1P-16A	PSICL-1P-25A
Input/Output	Input Voltage	184-265VAC, 50/60Hz		
	AC Rated Current	12A	16A	25A
	Limiting Time	100-500mS		
	Repeat Interval 230VAC	1000mS		
	Connecting Wire Size	24-16AWG (0.2-1.5mm ²)		
Environment	Operating Temperature	-40°C to +70°C		
	Storage Temperature	-40°C to +85°C		
Other	Dimensions/Weight	69 x 90 x 57.5mm / 130g 12A/16A, 143g		
	Cooling	Convection		
	Case Material	Plastic V0 rated		
	Safety	EN60950-1, EN61000-6-2,3, CE, RoHS		
	MTBF Figures	300,000 Hours		

