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SERIES 1 240 VAC

A2450E
Panel Mount SSR 280V ac 50A, 18-36V ac ZC



- Load current 10 - 125 A
- Operating voltage 24-280 VAC
- Control voltage 90-280 VAC, 4-32 VDC and 18-36 VAC

PRODUCT DESCRIPTION

Crydom's signature family of solid state relays. Ratings from 10A to 40A @ 24-140 VAC, 12A to 90A @ 80-530 VAC and 10A to 125A @ 24-280 VAC - SCR output for heavy industrial loads - AC or DC control - zero voltage (resistive loads) or random-fire (inductive loads) output - LED input status indicator optional.

- Ratings from 10A to 125A @ 24-280 VAC
- SCR output for heavy industrial loads
- Zero voltage or instantaneous turn-on outputs
- UL/CSA/VDE Approved, CE Compliant to EN60950-1
- Improved SEMS screw and washer
- Redesigned housing with anti-rotation barriers
- AC or DC control
- Direct bond copper substrate
- EMC compliant to Level 3
- Direct power lead frame
- Epoxy free design

TECHNICAL DATA

OVERVIEW

Output current	50 A
Output voltage	24-280V ac
Control voltage	18-36V ac
Connection	Screw connection
Type of control	Zero voltage turn on

OUTPUT SPECIFICATION

Output voltage	24-280V ac
Number of poles	1

INPUT SPECIFICATION

Control voltage	18-36V ac
Input current min	16 mA

Input current max	20 mA

GENERAL SPECIFICATION

Temperature operational min	-40 °C
Temperature operational max	80 °C
Storage temperature max	125 °C
Storage temperature min	-40 °C
Weight	74.9 g
Height	57.3 mm
Width	44.5 mm
Depth	22.6 mm
LED indication	N/A











