



## SERIES 1 480 VAC

A4825

Panel Mount SSR 480V ac 25A, 90-280V ac In, ZC



Crydom

- Load current 25, 50, 75 and 90A
- Operating voltage 48-530 VAC
- Control voltage 90-280 VAC and 4-32 VDC



### 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 25A to 90A @ 48-530 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	25 A
Output voltage	48-530V ac
Control voltage	90-280V ac
Connection	Screw connection
Type of control	Zero voltage turn on

Additional features

N/A

### OUTPUT SPECIFICATION

Output voltage 48-530V ac

Number of poles 1

### INPUT SPECIFICATION

Control voltage 90-280V ac

Input current min 5 mA

Input current max 10 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



