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SERIES 1 240 VAC

D2425KS Panel Mount SSR 280V ac 25A, 3-32V dc In, ZC RC



Crydom

- 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	25 A
Output voltage	24-280V ac
Control voltage	4-32V dc
Connection	Screw connection
Type of control	Zero voltage turn on

Additional features	Snubber Included
OUTPUT SPECIFICATION	
Output voltage	24-280V ac
Number of poles	1
INPUT SPECIFICATION	
Control voltage	4-32V dc
Input current min	7 mA
Input current max	12 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	26.4 mm



Supt Correct (Any)

Earth Connect (Annual Banga Connect (Annual

Samp Connel (Any)

90 A

Sarge Cannel (Ang)



25.4

75 A

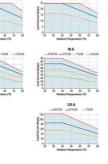
Supe Connet (Ang)

Surga Currant Maryl

Sampe Cammer Shares

125





N/A

75

Input Current vs Input Voltage Standard Regulated DC Input 25 -20 -15 -10 -5 -5 -0 -10 15 20 DC Input Voltage 0 20 25 30 5

