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# SERIES 1 240 VAC

D2410K
Panel Mount SSR 280V ac 10A, 3-32V dc In, 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** | 10 A |
| **Output voltage** | 24-280V ac |
| **Control voltage** | 4-32V dc |
| **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** | 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 |
| **LED indication** | N/A |
















