NEW PRODUCT HIGHLIGHT

| SERIESONE DR DIN RAIL MOUNT SOLID STATE RELAYS

Sensata | Crydom SeriesOne DR family of DIN Rail mount Solid State Relays incorporate proprietary thermal management technology to achieve exceptional output ratings of 3 to 12 Amps at 24 to 600 VAC and 3 to 24 Amps at 1- 100 VDC in a compact housing.

These compact SSRs are ideal for use in demanding applications where space may be limited, providing greater power density than other DIN Rail Solid State Relays.

FEATURES

- AC or DC control input options
- Zero voltage or instantaneous turn-on output (AC output models)
- High surge current and I²t fusing ratings
- UL and C-UL listed, HP rated, CE & RoHS compliant
- UL Class I and II, Division 2 approved, for use in hazardous locations
- ATEX certified versions available

IP20 HOUSING

Greater safety due to touch-safe terminals and a unique integrated heatsink design

HIGH POWER DENSITY

Ratings of up to 12 Amps AC and 24 Amps DC in a slim 11 mm or 18 mm wide package for applications with limited cabinet space

NO GROUNDING REQUIRED

Due to all-plastic housing no grounding is required, reducing installation time

LED INDICATOR

Easy identification of control status for maintenance and troubleshooting

ID TAG MARKER

Space for ID marker allows easy identification when installed next to other DIN Rail mount devices
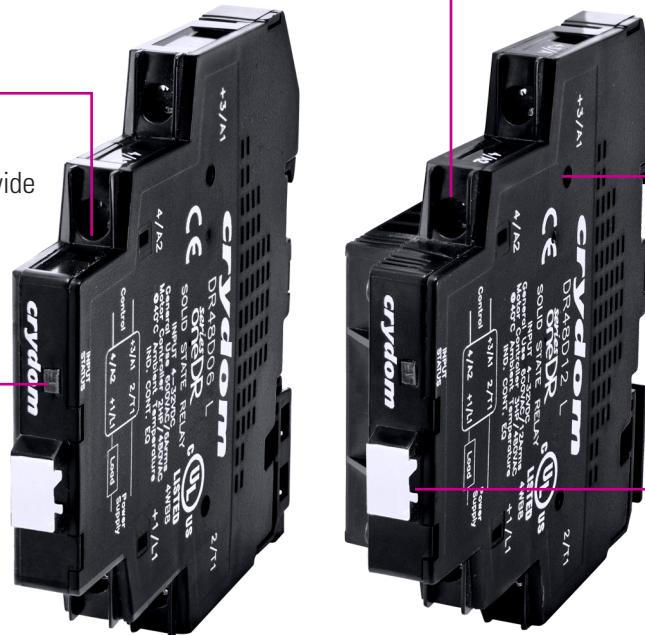
ORDERING OPTIONS

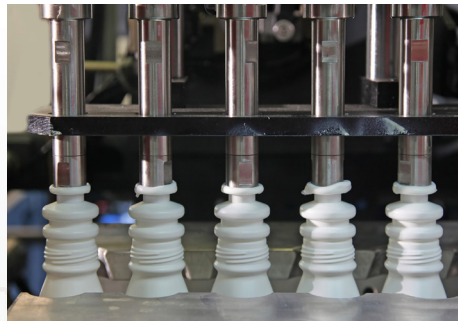| DR	24	D	12	X	R

Series

DR

Operating Voltage

06: 1-60 VDC
10: 1-100 VDC
24: 24-280 VAC
48: 48-600 VAC

Control Voltage

D: 4-32 VDC
A: 200-265 VAC (AC Output Only)
B: 90-140 VAC (AC Output Only)
E: 18-36 VAC (AC Output Only)

Rated Load Current

03: 3 Amps
06: 6 Amps
10: 10 Amps (100 VDC only)
12: 12 Amps
24: 24 Amps (100 VDC only)

ATEX Approvals

Blank: Not ATEX approved
X: ATEX II 3G Ex nA IIC T4 Gc approved (3, 6 and 12 Amps only)

Switching Type

Blank: Zero Voltage Turn-On (AC Output Only)
R: Instantaneous Turn-On (AC Output, D suffix Only)

— Required for valid part number
☐ For options only and not required for valid part number

APPLICATIONS

- Industrial ovens
- Plastic injection molding equipment
- Packaging equipment
- Professional cooking equipment
- Lighting control
- HVAC&R
- Battery Management Systems
- Backup Power Supplies
- Valve control
- Automation Equipment