



NEW PRODUCT HIGHLIGHT

DR22 SERIES DIN RAIL MOUNT SOLID STATE RELAYS

NOVA22

Sensata | Crydom Nova22 DR22 Series DIN Rail Mount Solid State Relays offer exceptional performance in a 22.5mm industrial package. This innovative design couples great power density with a unique range of terminal options and configurations, making the Nova22 family of products one of the most versatile solutions in the market.

The DR22 Series DIN Rail Mount SSRs are available in versions with AC or DC output and with ratings from 20 up to 35 Amps, making them suitable for a wide range of heating, motion, power and lighting control applications.

FEATURES

- Ratings up to 35 Amps at 600 VAC or 30 Amps at 200 VDC
- Built-in overvoltage transient protection on AC models
- Zero voltage or instantaneous turn-on output (AC output models)
- C-UL-US and TUV approved, CE & RoHS compliant
- Wide 4-32 VDC control input (AC input available on selected AC models)
- 1 kHz maximum PWM frequency (DC output models)

IP20 HOUSING

Touch-safe terminals for added safety

ID TAG MARKER

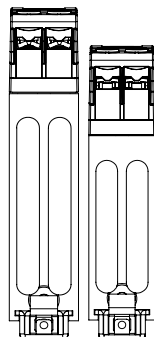
Space for ID marker allows easy identification when installed next to other DIN Rail mount devices

INTEGRATED OUTPUT PROTECTION

Built-in overvoltage protection provides greater reliability

LOW-PROFILE VERSION

Now available in a version with cost-effective TRIAC output and low-profile heatsink which allows to reduce cost and control panel depth



HIGH I²t OUTPUT

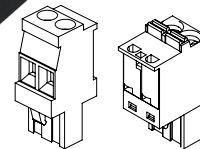
A version with high I²t (8320 A²s) is available which can be used with circuit breakers

SHOCK & VIBRATION RESISTANT

Suitable for applications that are subject to high levels of shock and vibration

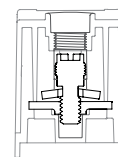
VERSATILE CONNECTION

Option of screws or spring cage input connector terminals for quick and easy installation



INNOVATIVE ELEVATOR SCREW

Optional "Elevator" screw output terminals designed to allow for the use of ring or lug terminals in an IP20 housing



RELAY CONFIGURATION

CONTACTOR CONFIGURATION

ORDERING OPTIONS

	DR22	60	A	20	V	R	J
Series							
DR22							
Operating Voltage							
20: 1-200 VDC							
24: 24-280 VAC (Low-profile version)							
60: 48-600 VAC							
Control Voltage							
A: 90-280 VAC/VDC (600 VAC Output only)							
D: 4-32 VDC							
3-32 VDC (280 VAC Output)							
Rated Load Current							
20: 20 Amps							
30: 30 Amps							
35: 35 Amps [High I ² t] (600 VAC Output only)							
Terminal Layout							
U: Relay Configuration							
V: Contactor Configuration, Standard screw (600 VAC Output only)							
W: Contactor Configuration, Elevator screw (600 VAC Output only)							
Switching Type							
Blank: Zero Voltage Turn-On (AC Output only)							
R: Instantaneous Turn-On (AC Output only)							
Input Connector							
Blank: Screw Terminal							
J: Spring Terminal (V and W suffixes 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
- Access control
- Transportation



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