

## NOVA22 SERIES AC OUTPUT

DR2260A30WR  
DIN Rail SSR 22.5mm 600V ac 30A, 90-280V ac/dc In,  
Inst.



- Load current 20, 30 and 35 A
- Operating voltage 48-600 VAC
- Control voltage 4-32 VDC and 90-280 VAC/VDC
- Relay or contactor configurations
- Load Monitoring Module available for contactor configuration



## PRODUCT DESCRIPTION

NOVA22 solid state relays were developed combining technology and innovation to offer high performing solid state relays in a 22.5mm industrial package. The advanced design and technology used in NOVA22 products provide greater power density than any other 22.5 mm wide SSR in the market: 35 A in DIN rail mount and 95 A in Panel Mount package.

### Wide and innovative range of connection

The unique range of terminal options and configurations makes NOVA22 the most versatile solution.

- Relay or contactor terminal configurations
- Screw or spring cage plug-in input terminals
- Standard or elevator screws, allowing the use of ring terminals

### Diverse range of applications

NOVA22 solid State Relays can be used in a wide range of ac and dc applications. Ideal for heating applications, NOVA22s are also suitable for motion, power and lighting applications; especially for demanding applications that require higher levels of reliability including:

- Industrial OEMs: Plastic machinery, packaging and material handling equipment, industrial ovens, pumps
- Food & Beverage: Baking ovens, refrigeration, food processing equipment
- Building Equipment: HVAC&R, lighting, access control
- Energy & Infrastructure: Renewable Energy, water and waste water treatments
- Transportation: Railway vehicles, agricultural machinery

## TECHNICAL DATA

## OVERVIEW

|                        |               |
|------------------------|---------------|
| <b>Output current</b>  | 30 A          |
| <b>Output voltage</b>  | 48-600V ac    |
| <b>Control voltage</b> | 90-280V ac/dc |

|                 |                       |
|-----------------|-----------------------|
| Connection      | Screw connection      |
| Type of control | Instantaneous turn on |

## OUTPUT SPECIFICATION

|  |                       |
|--|-----------------------|
| Output voltage                         | 48-600V ac            |
| Load current min                       | 100 mA                |
| Leakage current at V max, T=25°C max   | 1 mA                  |
| Peak voltage                           | 1200 V                |
| Peak current                           | 716                   |
| Voltage drop over semiconductor at max | 1.35 V                |
| Number of poles                        | 1                     |
| I <sup>2</sup> t value                 | 2563 A <sup>2</sup> s |

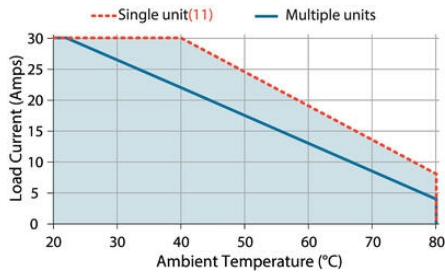
## INPUT SPECIFICATION

|                   |               |
|-------------------|---------------|
| Control voltage   | 90-280V ac/dc |
| Turn-off voltage  | 5 V           |
| Input current min | 6 mA          |
| Input current max | 10 mA         |

## GENERAL SPECIFICATION

|                             |                         |
|-----------------------------|-------------------------|
| Insulation voltage in/out   | 4000 V                  |
| Temperature operational min | -40 °C                  |
| Temperature operational max | 80 °C                   |
| Storage temperature max     | 100 °C                  |
| Storage temperature min     | -40 °C                  |
| Weight                      | 301 g                   |
| Height                      | 91.9 mm                 |
| Width                       | 22.5 mm                 |
| LED indication              | Input status indication |
| Approvals                   | CE, CSA, EMC, UL        |
| IP class                    | IP20                    |

DR2260x30x



90-280 VAC/VDC Input

