

# Product data sheet

Specifications



Relay, SE Relays, solid state, SPST NO, 30A, 24 to 480 VAC, 90 to 280 VAC Uc, SCR, AC zero cross, 22 mm

SSR230DIN-AC22

! Discontinued

! Discontinued on: Oct 22, 2024

Product availability: Stock - Normally stocked in distribution facility

## Main

|                          |                   |
|--------------------------|-------------------|
| Range                    | Legacy            |
| Product Type             | Solid state relay |
| maximum output current   | 30 A              |
| Mounting Support         | Panel<br>DIN rail |
| Network Number of Phases | 1 phase           |
| Output Voltage           | 24...280 V AC     |

## Complementary

|                               |                                                     |
|-------------------------------|-----------------------------------------------------|
| Input Current Limits          | 5 mA at 240 V AC typical                            |
| Switch Function               | SPST                                                |
| Contacts Type and Composition | NO                                                  |
| Tightening Torque             | 0.6...0.7 N.m for input<br>0.6...0.7 N.m for output |
| Connections Terminals         | Input screw AWG 10)<br>Output screw AWG 10)         |
| Local Signalling              | 1 LED (green) for input status                      |
| Switching Voltage             | 110 V AC turn-on<br>18 V AC turn-off                |
| Switching Device              | SCR output<br>Zero voltage switching                |
| Maximum Peak Voltage          | 600 V                                               |
| Surge Current                 | 1200 A 16.6 ms                                      |
| Voltage Drop                  | <1.6 V on-state                                     |
| Maximum I²t for fusing        | 6000 A².s 8.3 ms                                    |
| Leakage Current               | 10 mA at off-state                                  |
| DV/dt                         | 500 V/µs off-state maximum                          |
| Response Time                 | 10 ms (turn-on)<br>40 ms (turn-off)                 |
| Height                        | 3.8 in (97.7 mm)                                    |
| Width                         | 0.9 in (22.4 mm)                                    |
| Depth                         | 3.1 in (80 mm)                                      |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                |                |
|----------------|----------------|
| Product Weight | 9.9 oz (280 g) |
|----------------|----------------|

## Environment

|                                       |                             |
|---------------------------------------|-----------------------------|
| Product Certifications                | CSA<br>CE                   |
| Ambient Air Temperature for Operation | -40...176 °F (-40...80 °C)  |
| Ambient Air Temperature for Storage   | -40...257 °F (-40...125 °C) |

## Ordering and shipping details

|                   |               |
|-------------------|---------------|
| Category          | US10CP221127  |
| Discount Schedule | 0CP2          |
| GTIN              | 3606480282805 |
| Returnability     | Yes           |
| Country of origin | CN            |

## Packing Units

|                        |                   |
|------------------------|-------------------|
| Unit Type of Package 1 | PCE               |
| Nbr. of units in pkg.  | 1                 |
| Package 1 Height       | 3.53 in (8.97 cm) |
| Package 1 Width        | 0.88 in (2.24 cm) |
| Package 1 Length       | 3.85 in (9.77 cm) |
| Package weight(Lbs)    | 9.6 oz (272.0 g)  |

## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained](#) >

[How we assess product sustainability](#) >

### Use Better

| Materials and Substances               |                                                                                                                                                                                                                                                                                             |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Packaging made with recycled cardboard | Yes                                                                                                                                                                                                                                                                                         |
| Packaging without single use plastic   | Yes                                                                                                                                                                                                                                                                                         |
| <a href="#">EU RoHS Directive</a>      | Pro-active compliance (Product out of EU RoHS legal scope)                                                                                                                                                                                                                                  |
| SCIP Number                            | 134201bc-d293-4667-9cca-10a7f11729e0                                                                                                                                                                                                                                                        |
| California proposition 65              | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |

### Use Longer

| Lifetime extension |    |
|--------------------|----|
| Repair             | No |

Approximate Dimensions



