

# 92S11A22D-120

Power relay, SE Relays, DPDT, 30A, 120 VAC, DIN rail and panel mount cover, class F insulation



## Main

|                     |             |
|---------------------|-------------|
| Product Range       | Legacy      |
| Product Type        | Power relay |
| Switch Function     | DPDT        |
| Contact Composition | 2 C/O       |

## Complementary

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Input Current               | 30 A NO<br>3 A NC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Contacts Material           | Silver alloy contacts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Maximum Switching Capacity  | 7500 VA/700 W AC/DC 13 mm gap between two relays<br>6250 VA/700 W AC/DC relays side by side without a gap                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Minimum Switching Capacity  | 170 mW 10 mA / 6 V NC<br>6000 mW 500 mA / 12 V NO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Coil Resistance             | 4250 Ohm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Input voltage               | 120 V AC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Drop-out Voltage Threshold  | $\geq 0.1 U_c$ DC<br>$\geq 0.15 U_c$ AC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Rated Operational Current   | 30 A at 277 V AC (NO) conforming to UL<br>20 A at 28 V DC (NO) (on resistive load) conforming to UL<br>96 A at 240 V AC (NO) (full load) conforming to UL<br>10 A at 120 V AC (NO) (tungsten filament) conforming to UL<br>6 A at 250 V AC (NO) (tungsten filament) conforming to UL<br>3 A at 277 V AC (NC) (on resistive load) conforming to UL<br>3 A at 28 V DC (NC) (on resistive load) conforming to UL<br>30 A at 250 V AC-1 (NO) conforming to IEC<br>25 A at 28 V DC-1 (NO) conforming to IEC<br>3 A at 250 V AC-1 (NC) conforming to IEC<br>3 A at 28 V DC-1 (NC) conforming to IEC |
| Power consumption in VA     | 3.2...4.4 VA AC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Voltage Range               | 0.8...1.1 $U_n$ AC/DC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Maximum Switching Voltage   | 300 V AC/DC UL<br>250 V AC/DC IEC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Motor Power HP              | 1.0 Hp 120 V AC 50/60 Hz<br>3 hp 240 V AC 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Electrical Insulation Class | Class F coil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Mounting                    | DIN rail<br>Panel mounted                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Product Weight              | 2.89 oz (82 g)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

## Environment

|                                       |                                                                                             |
|---------------------------------------|---------------------------------------------------------------------------------------------|
| Ambient Air Temperature for Operation | -40...131 °F (-40...55 °C)                                                                  |
| Ambient Air Temperature for Storage   | -40...185 °F (-40...85 °C)                                                                  |
| Product Certifications                | UL Listed<br>CSA<br>CE                                                                      |
| Electrical Durability                 | 100000 Cycles resistive<br>25000 cycles tungsten                                            |
| Mechanical Durability                 | 5000000 cycles                                                                              |
| Dielectric Strength                   | 4000 V AC between coil and contact<br>1500 V AC between contacts<br>2000 V AC between poles |
| Shock Resistance                      | 10 gn in operation<br>30 gn not in operation                                                |
| Vibration Resistance                  | +/- 1 mm 10...35 Hz)<br>3 gn 35...150 Hz)                                                   |
| Surge Withstand Duration              | 1.2/50 µs                                                                                   |

## Ordering and shipping details

|                       |                  |
|-----------------------|------------------|
| GTIN                  | 3606480781902    |
| Nbr. of units in pkg. | 1                |
| Package weight(Lbs)   | 2.89 oz (82.0 g) |

## Packing Units

|                              |                        |
|------------------------------|------------------------|
| Unit Type of Package 1       | PCE                    |
| Package 1 Height             | 2.70 in (6.85 cm)      |
| Package 1 width              | 1.33 in (3.37 cm)      |
| Package 1 Length             | 1.54 in (3.905 cm)     |
| Unit Type of Package 2       | BB1                    |
| Number of Units in Package 2 | 10                     |
| Package 2 Weight             | 29.44 oz (834.57 g)    |
| Package 2 Height             | 1.77 in (4.5 cm)       |
| Package 2 width              | 5.71 in (14.5 cm)      |
| Package 2 Length             | 7.48 in (19 cm)        |
| Unit Type of Package 3       | S02                    |
| Number of Units in Package 3 | 60                     |
| Package 3 Weight             | 12.43 lb(US) (5.64 kg) |
| Package 3 Height             | 5.91 in (15 cm)        |
| Package 3 width              | 11.81 in (30 cm)       |
| Package 3 Length             | 15.75 in (40 cm)       |

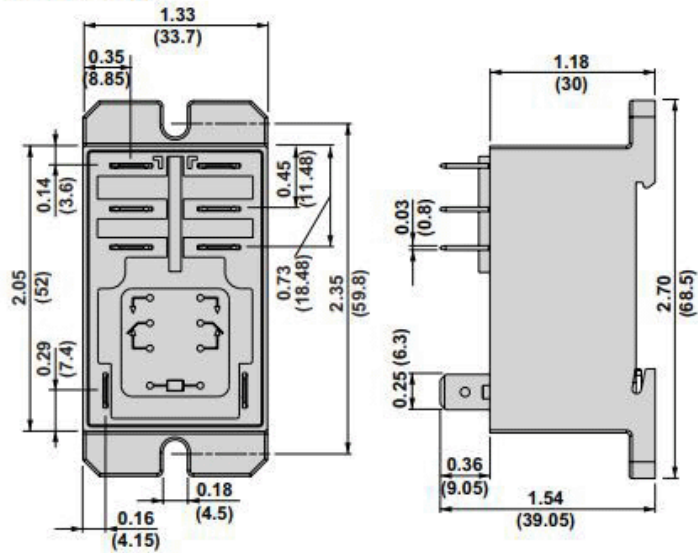
## Offer Sustainability

|                            |                                                                                                                                                                                                                                                                                             |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                                                                                                                                                                                       |
| 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> |
| REACH Regulation           |  <a href="#">REACH Declaration</a>                                                                                                                                                                       |
| REACH free of SVHC         | Yes                                                                                                                                                                                                                                                                                         |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)  <a href="#">EU RoHS Declaration</a>                                                                                                        |
| Toxic heavy metal free     | Yes                                                                                                                                                                                                                                                                                         |
| Mercury free               | Yes                                                                                                                                                                                                                                                                                         |
| RoHS exemption information |  <a href="#">Yes</a>                                                                                                                                                                                     |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a>                                                                                                                                                                  |

|                          |                                                                                                                                |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Environmental Disclosure |  <a href="#">Product Environmental Profile</a> |
| WEEE                     | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.   |

Approximate Dimensions

DPDT (2 CO):



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Connections and Wiring Diagrams

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**DPDT (2 CO):**

