

Product data sheet

Specifications



Relay, SE Relays, solid state, SPST, 6A, 24...280 VAC, triac, panel mount, screw terminal

70S2-06-C-06-S

⚠ Discontinued on: Aug 7, 2023

⚠ Discontinued

Main

| | |
|--------------------------|-------------------|
| Range | Legacy |
| Product Type | Solid state relay |
| maximum output current | 6 A AC |
| Mounting Support | Panel mounted |
| Network Number of Phases | 1 phase |
| Output Voltage | 24...280 V AC |

Complementary

| | |
|-------------------------------|---|
| Holding Current | 50 mA |
| Input Current Limits | 1...17 mA at 3...30 V DC typical |
| Switch Function | SPST |
| Contacts Type and Composition | NO |
| Protection Type | Reverse polarity 3 V DC control |
| Connections Terminals | screw terminal |
| Switching Voltage | 1 V DC tripping |
| Switching Device | Triac output Zero voltage switching |
| Maximum Peak Voltage | 600 V |
| Surge Current | 60 A 1 cycle 19 A 60 cycles |
| Must Release Voltage | 1 V |
| Voltage Drop | <1.6 V on-state AC |
| Thermal Resistance | 2.4 °C/W |
| Leakage Current | 6 mA at off-state |
| DV/dt | 300 V/ms off-state at maximum rated voltage |
| Response Time | 8.33 ms (turn-on, turn-off) |
| Dielectric Strength | 3000 V between input and output 3000 V between terminals and chassis |
| Height | 0.9 in (22.5 mm) |
| Width | 1.03 in (26.2 mm) |
| Depth | 1.2 in (31.2 mm) |
| Product Weight | 1.7 oz (47 g) |

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

Environment

| | |
|--|-----------------------------|
| Product Certifications | UL Recognized CSA CE |
| Ambient Air Temperature for Operation | -40...212 °F (-40...100 °C) |
| Ambient Air Temperature for Storage | -40...257 °F (-40...125 °C) |

Ordering and shipping details

| | |
|-------------|---------------|
| GTIN | 3606481107671 |
|-------------|---------------|

Packing Units

| | |
|-------------------------------------|-------------------------|
| Unit Type of Package 1 | PCE |
| Nbr. of units in pkg. | 1 |
| Package 1 Height | 1.1 in (2.8 cm) |
| Package 1 Width | 1.2 in (3.1 cm) |
| Package 1 Length | 2.3 in (5.8 cm) |
| Package weight(Lbs) | 1.6 oz (44.0 g) |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 100 |
| Package 2 Height | 5.7 in (14.5 cm) |
| Package 2 Width | 8.0 in (20.3 cm) |
| Package 2 Length | 10.7 in (27.3 cm) |
| Package 2 Weight | 10.34 lb(US) (4.69 kg) |
| Unit Type of Package 3 | CAR |
| Number of Units in Package 3 | 400 |
| Package 3 Height | 12.4 in (31.5 cm) |
| Package 3 Width | 11.6 in (29.5 cm) |
| Package 3 Length | 16.9 in (43.0 cm) |
| Package 3 Weight | 43.12 lb(US) (19.56 kg) |

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 |
| EU RoHS Directive | Compliant By Exemption |
| 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 www.P65Warnings.ca.gov |

Use Longer

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

Connections and Schema

Connections and Wiring Diagrams

