

# Product data sheet

## Characteristics

# 70S2-04-B-03-V

Relay, SE Relays, solid state, SPST, 3A, 24...140 VAC, 3...30/32VDC Uc, triac, printed circuit board, screw terminal, inch



### Main

Range	Legacy
Product Type	Solid state relay
Maximum output current	3 A AC
Mounting Support	Printed circuit boards
Network Number of Phases	1 phase
Output Voltage	24...140 V AC

### Complementary

Holding Current	75 mA
Input Current Limits	1...19 mA at 3...32 V DC typical
Switch Function	SPST
Contacts Type and Composition	NO
Protection Type	Reverse polarity 3 V DC control
Connections Terminals	Solder terminal
Switching Voltage	1 V DC tripping
Switching Device	Triac output Zero voltage switching
Maximum Peak Voltage	400 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	25 °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	3750 V minimum
Height	1.02 in (26.0 mm)
Width	0.37 in (9.42 mm)
Depth	1.23 in (31.2 mm)
Product Weight	1.23 oz (35 g)

### Environment

Product Certifications	UL Recognized CSA CE
Ambient Air Temperature for Operation	-40...185 °F (-40...85 °C)
Ambient Air Temperature for Storage	-40...257 °F (-40...125 °C)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Ordering and shipping details

GTIN	3606480278440
Nbr. of units in pkg.	1
Package weight(Lbs)	0.88 oz (25.0 g)

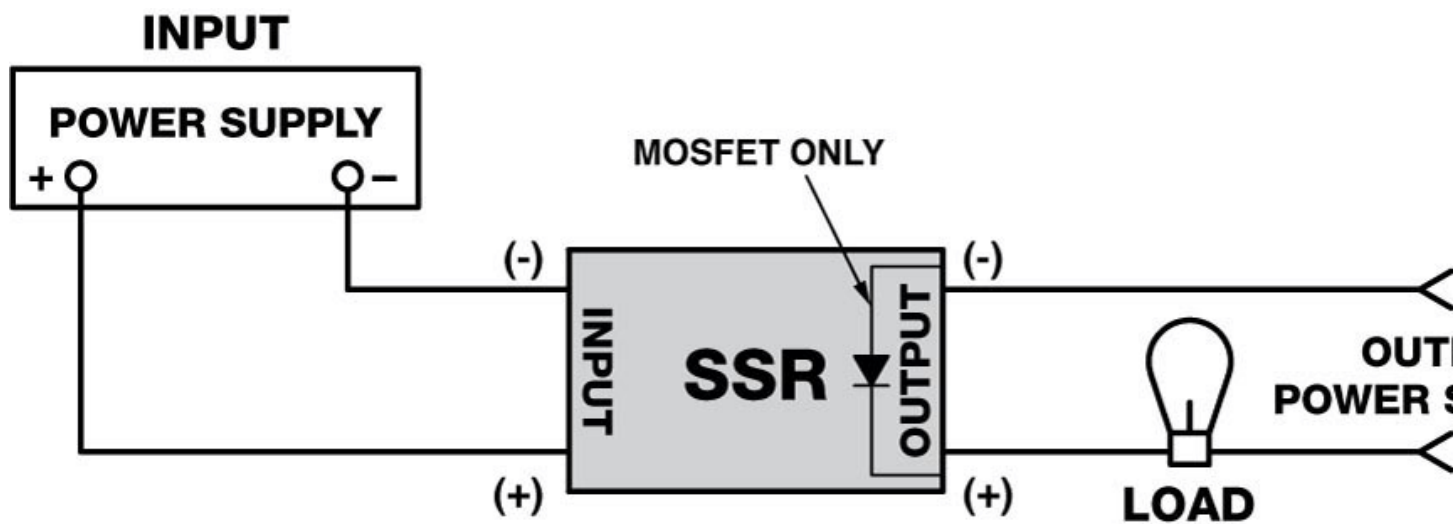
## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.70 in (4.33 cm)
Package 1 width	0.40 in (1.02 cm)
Package 1 Length	1.22 in (3.11 cm)

## Offer Sustainability

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>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Connections and Wiring Diagrams



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