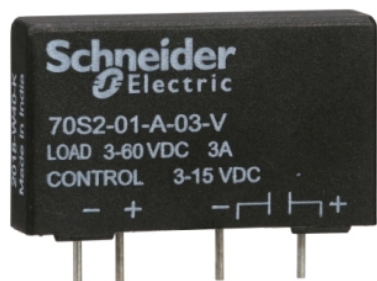


## 70S2-01-A-03-V

Relay, SE Relays, solid state, SPST, 3A, 3 to 60VDC, 3 to 15VDC Uc, MOSFET, printed circuit board mount, screw terminal



### Main

Range	Legacy
Product Type	Solid state relay
Maximum output current	3 A DC
Mounting Support	Printed circuit boards
Network Number of Phases	1 phase
Output Voltage	3...60 V DC

### Complementary

Input Current Limits	5...40 mA at 3...15 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	Mosfet output DC switching
Surge Current	5 A 1 s
Must Release Voltage	1 V
Voltage Drop	<1.2 V on-state DC
Thermal Resistance	30 °C/W
Leakage Current	10 µA at off-state
Response Time	75 µs (turn-on) 500 µs (turn-off)
Dielectric Strength	2500 V between input and output 2500 V between terminals and chassis
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	CE
Ambient Air Temperature for Operation	-40...185 °F (-40...85 °C)
Ambient Air Temperature for Storage	-40...257 °F (-40...125 °C)




### Ordering and shipping details

Category	US10CP221127
Discount Schedule	OCP2
GTIN	3606480278372
Returnability	Yes
Country of origin	TW

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
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)
Package 1 Weight	0.88 oz (25.0 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	100
Package 2 Height	3.35 in (8.5 cm)
Package 2 Width	4.33 in (11.0 cm)
Package 2 Length	8.86 in (22.5 cm)
Package 2 Weight	5.64 lb(US) (2.56 kg)
Unit Type of Package 3	CAR
Number of Units in Package 3	1000
Package 3 Height	12.40 in (31.5 cm)
Package 3 Width	11.61 in (29.5 cm)
Package 3 Length	16.93 in (43.0 cm)
Package 3 Weight	58.20 lb(US) (26.4 kg)

## 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)
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 Yes
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

