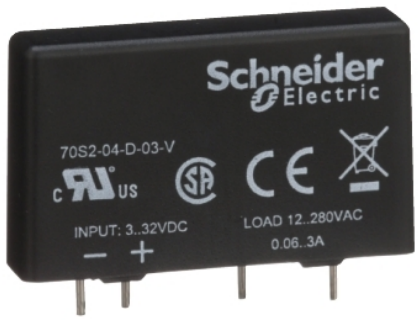
Product data sheet
Characteristics

70S2-04-D-03-V
Relay, Legacy, solid state, SPST, 3A, 8…50 VAC, 3...30/32 VDC Uc, triac, printed circuit board , screw term, inch



Main

Range	Legacy
Product Type	Solid state relay
Nominal Output Current	3 A AC
Network Number of Phases	1 phase
Mounting Support	Printed circuit boards
Output Voltage	8...50 V AC

Complementary

Holding Current	75 mA
Input Current Limits	1…19 mA 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	200 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	3 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 RoHS
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

GTIN	03606480278570

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 www.P65Warnings.ca.gov
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
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