70S2-05-C-12-S

Relay, SE Relays, solid state, SPST, 12A, 24...280 VAC, 6...30/32 VDC Uc, triac, panel mount, screw terminal



Main

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Range	Legacy
Product Type	Solid state relay
Maximum output current	12 A AC
Mounting Support	Panel mounted
Network Number of Phases	1 phase
Output Voltage	24280 V AC

Complementary

Complementary		
Holding Current	50 mA	
Input Current Limits	610 mA at 630 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	150 A 1 cycle 48 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	300 V between input and output 300 V between output and ground	
Height	0.89 in (22.5 mm)	
Width	1.03 in (26.2 mm)	
Depth	1.23 in (31.2 mm)	
Product Weight	1.66 oz (47 g)	

Environment

Product Certifications	UL Recognized CSA CE
Ambient Air Temperature for Operation	-40212 °F (-40100 °C)
Ambient Air Temperature for Storage	-40257 °F (-40125 °C)

Ordering and shipping details

GTIN	3606480278617	
Nbr. of units in pkg.	1	
Package weight(Lbs)	1.55 oz (44.0 g)	

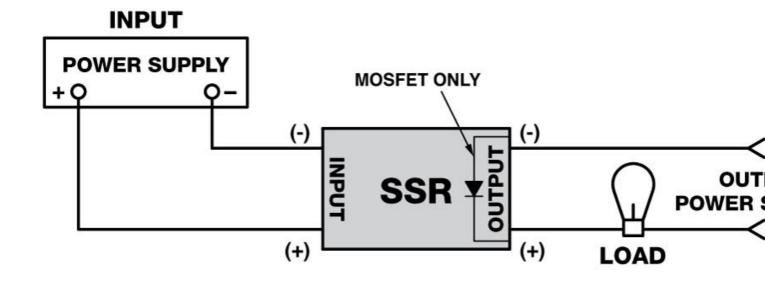
Packing Units

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Unit Type of Package 1	PCE
Package 1 Height	1.10 in (2.8 cm)
Package 1 width	1.22 in (3.1 cm)
Package 1 Length	2.28 in (5.8 cm)
Unit Type of Package 2	BB1
Number of Units in Package 2	100
Package 2 Weight	10.34 lb(US) (4.69 kg)
Package 2 Height	5.71 in (14.5 cm)
Package 2 width	7.99 in (20.3 cm)
Package 2 Length	10.75 in (27.3 cm)
Unit Type of Package 3	CAR
Number of Units in Package 3	400
Package 3 Weight	43.12 lb(US) (19.56 kg)
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 cm)

Offer Sustainability

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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
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



Mouser Electronics

Authorized Distributor

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Schneider Electric: 70S2-05-C-12-S