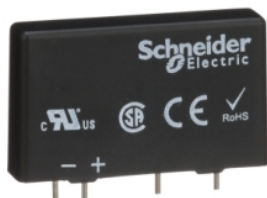


# Product data sheet

## Characteristics

# 70S2-05-B-03-V

Relay, SE Relays, solid state, SPST, 3A, 24...140 VAC, 6...30/32 VDC Uc, triac, printed circuit board , screw termin, 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...6 mA at 6...30 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
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)

### Ordering and shipping details

GTIN	3606480278594
Nbr. of units in pkg.	1
Package weight(Lbs)	0.88 oz (25.0 g)

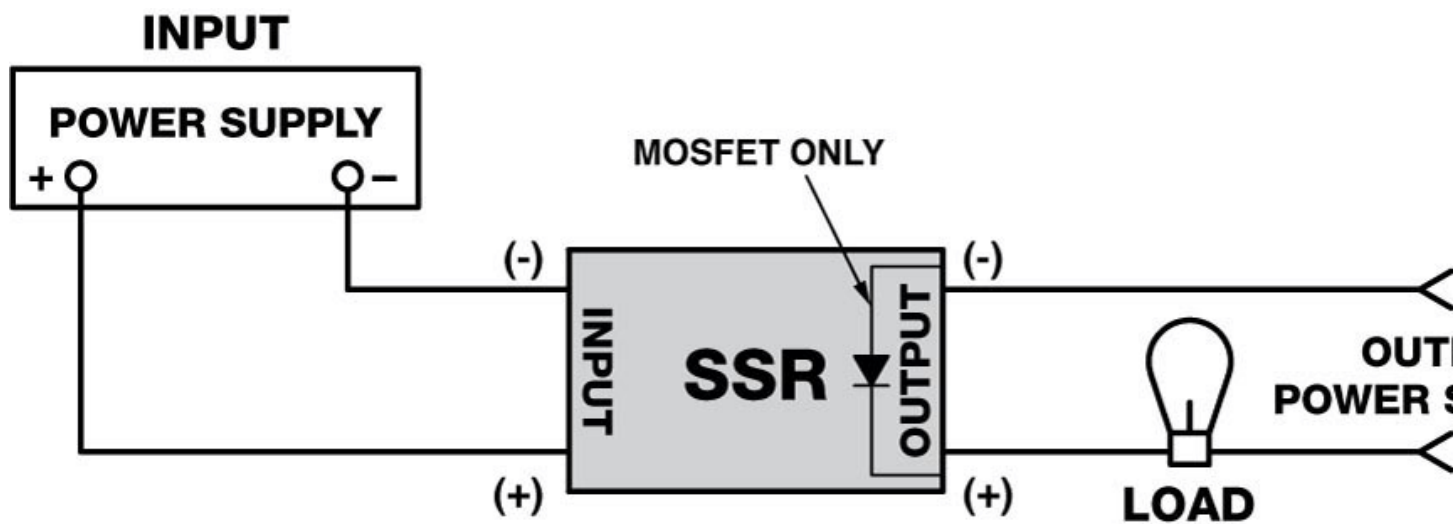
## Packing Units

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)
Unit Type of Package 2	BB1
Number of Units in Package 2	100
Package 2 Weight	5.64 lb(US) (2.56 kg)
Package 2 Height	3.35 in (8.5 cm)
Package 2 width	4.33 in (11 cm)
Package 2 Length	8.86 in (22.5 cm)
Unit Type of Package 3	CAR
Number of Units in Package 3	1000
Package 3 Weight	58.20 lb(US) (26.4 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

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



## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Solid State Relays - PCB Mount](#) category:*

*Click to view products by [Schneider](#) manufacturer:*

Other Similar products are found below :

[M90F-2W](#) [M90F-2Y](#) [G2-1A07-ST](#) [G2-1A07-TT](#) [G2-1B02-TT](#) [G2-DA06-ST](#) [PLA134S](#) [DS11-1005](#) [AQH3213J](#) [AQV212J](#) [AQV252GAJ](#)  
[AQY221N2SJ](#) [AQY221R2SJ](#) [EFR1200480A150](#) [901-7](#) [LCA220](#) [LCB110S](#) [1618400-5](#) [SR75-1ST](#) [AQV112KLJ](#) [AQV212AJ](#) [AQV212SXJ](#)  
[AQV238AD01](#) [AQV252GAXJ](#) [AQY212ST](#) [AQY275AXJ](#) [AQY414SXE01](#) [G2-1A02-ST](#) [G2-1A03-ST](#) [G2-1A03-TT](#) [G2-1A05-ST](#) [G2-1A06-TT](#) [G2-1A23-TT](#) [G2-1B01-ST](#) [G2-1B01-TT](#) [G2-1B02-ST](#) [G2-DA03-ST](#) [G2-DA03-TT](#) [G2-DA06-TT](#) [3-1617776-2](#) [CTA2425](#)  
[TLP3131\(F\)](#) [LBA110S](#) [LBB110S](#) [LCA110LSTR](#) [LCB126S](#) [WPPM-0626D](#) [WPPM-3526D](#) [WPPM-3588D](#) [X4IDC15D](#)