

# 92S7A22D-120

Power relay, SE Relays, DPST-NO, 30A, 120 VAC, DIN rail and panel mount cover, class F insulation



## Main

Product Range	Legacy
Product Type	Power relay
Switch Function	DPST
Contact Composition	2 NO

## Complementary

Input Current	30 A
Contacts Material	Silver alloy contacts
Maximum Switching Capacity	7500 VA/700 W AC/DC 13 mm gap between two relays 6250 VA/700 W AC/DC relays side by side without a gap
Minimum Switching Capacity	6000 mW 500 mA / 12 V NO
Coil Resistance	4250 Ohm
Input voltage	120 V AC
Drop-out Voltage Threshold	$\geq 0.1 U_c$ DC $\geq 0.15 U_c$ AC
Rated Operational Current	30 A at 277 V AC (NO) conforming to UL 20 A at 28 V DC (NO) (on resistive load) conforming to UL 96 A at 240 V AC (NO) (full load) conforming to UL 10 A at 120 V AC (NO) (tungsten filament) conforming to UL 6 A at 250 V AC (NO) (tungsten filament) conforming to UL 30 A at 250 V AC (NO) conforming to IEC 25 A at 28 V DC (NO) conforming to IEC
Power consumption in VA	3.2...4.4 VA AC
Voltage Range	0.8...1.1 $U_n$ AC/DC
Maximum Switching Voltage	300 V AC/DC UL 250 V AC/DC IEC
Motor Power HP	1.0 Hp 120 V AC 50/60 Hz 3 hp 240 V AC 50/60 Hz
Electrical Insulation Class	Class F coil
Mounting	DIN rail Panel mounted
Product Weight	2.89 oz (82 g)

## Environment

Ambient Air Temperature for Operation	-40...131 °F (-40...55 °C)
Ambient Air Temperature for Storage	-40...185 °F (-40...85 °C)
Product Certifications	UL Listed CSA CE
Electrical Durability	100000 Cycles resistive 25000 cycles tungsten
Mechanical Durability	5000000 cycles

Dielectric Strength	4000 V AC between coil and contact 1500 V AC between contacts 2000 V AC between poles
Shock Resistance	10 gn in operation 30 gn not in operation
Vibration Resistance	+/- 1 mm 10...35 Hz) 3 gn 35...150 Hz)
Surge Withstand Duration	1.2/50 µs

## Ordering and shipping details

GTIN	3606480781957
Nbr. of units in pkg.	1
Package weight(Lbs)	2.89 oz (82.0 g)

## Packing Units

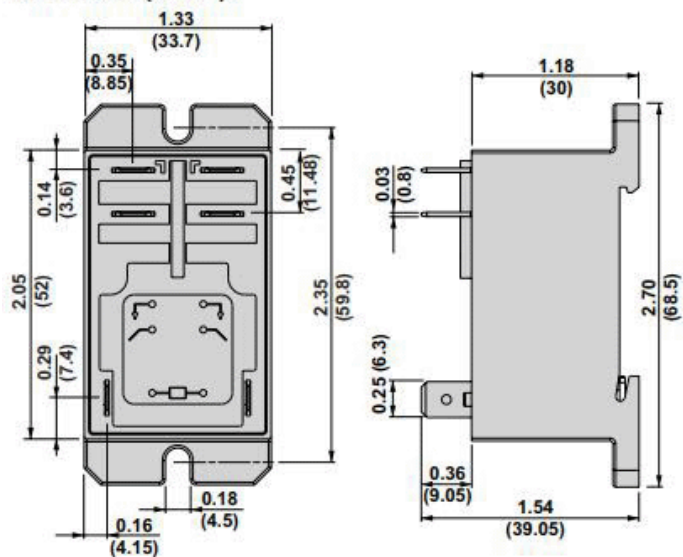
Unit Type of Package 1	PCE
Package 1 Height	2.70 in (6.85 cm)
Package 1 width	1.33 in (3.37 cm)
Package 1 Length	1.54 in (3.905 cm)
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Weight	29.44 oz (834.57 g)
Package 2 Height	1.77 in (4.5 cm)
Package 2 width	5.71 in (14.5 cm)
Package 2 Length	7.48 in (19 cm)
Unit Type of Package 3	S02
Number of Units in Package 3	60
Package 3 Weight	12.43 lb(US) (5.64 kg)
Package 3 Height	5.91 in (15 cm)
Package 3 width	11.81 in (30 cm)
Package 3 Length	15.75 in (40 cm)

## Offer Sustainability

Sustainable offer status	Green Premium product
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>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Approximate Dimensions

DPST-NO (2 NO):



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Connections and Wiring Diagrams

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DPST-NO (2 NO):

