

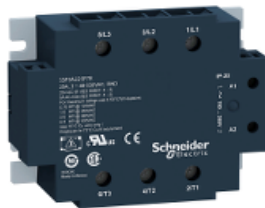
SSP3A250P7R

solid state relay - panel mounting - input 180-280 V AC, output 48-530 V AC, 50A

Product availability : Stock - Normally stocked in distribution facility



Price* : 177.40 USD



Main

Range of product	Zelio Relay
Product or component type	Solid state relay
Device short name	SSP
Mounting support	Panel
Phase	3 phases
Contacts type and configuration	3 NO
Solid state output type	Random voltage switching

Complementary

Control type	Without test button
[Uc] control circuit voltage	180...280 V AC
Minimum switching voltage	180 V AC turn-on
Maximum switching voltage	10 V AC turn-off
Response time	30 ms turn-off 20 ms turn-on
Input current	7...20 mA
Output voltage	48...530 V AC
Load current	0.1...50 A
Transient overvoltage	1200 V
Surge current	<= 715 A 20 ms <= 750 A 16.6 ms <= 150 A 1 s
Maximum I ² t for fusing	2520 A ² .s 10 ms at 50 Hz half cycle 2320 A ² .s 8.3 ms at 60 Hz half cycle
Leakage current	<= 3 mA off-state
Voltage drop	<= 1.35 V on-state
DV/Dt	500 V/μs off-state at maximum voltage

Power factor	>= 0.5 with maximum load
Motor controller rating	1.5 hp at 104 °F (40 °C) 120 V AC 3 hp at 104 °F (40 °C) 240 V AC 7.5 hp at 104 °F (40 °C) 480 V AC 8.8 hp at 104 °F (40 °C) 530 V AC
Motor power kW	1.11 kW at 104 °F (40 °C) 120 V AC 2.22 kW at 104 °F (40 °C) 240 V AC 5.55 kW at 104 °F (40 °C) 480 V AC 6.47 kW at 104 °F (40 °C) 530 V AC
Insulation resistance	>= 1000 MOhm at 500 V DC
Maximum capacitance	<= 8 pF input/output
Dielectric strength	4 kV AC input/output 4 kV AC input or output to case
Tightening torque	0.9...1.1 N.m input 1.7...2.2 N.m output
Connections - terminals	Screw terminals : 1 x 0.2...1 x 2.5 mm ² , (AWG 24...AWG 14) input Screw terminals : 1 x 1.5...1 x 10 mm ² , (AWG 16...AWG 8) output
Thermal resistance	0.12 °C/W
LED indicator	LED, green input
IP degree of protection	IP20
Product weight	0.79 lb(US) (0.36 kg)
Width	101.3 mm
Height	79.7 mm
Depth	35.4 mm

Environment

Flame retardance	V0 conforming to UL 94
Ambient air temperature for operation	-40...176 °F (-40...80 °C)
Ambient air temperature for storage	-40...257 °F (-40...125 °C)
Pollution degree	2
Overvoltage category	III
Product certifications	CSA RoHS UL REACH
Marking	CE
Standards	IEC 61000 IEC 60950-1 IEC 62314

Ordering and shipping details

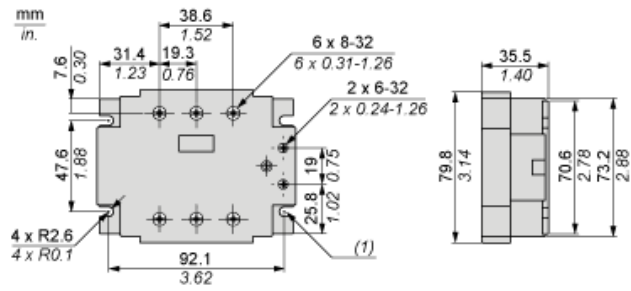
Category	22375 - INTERFACE MODULE(ABA,R,S)
Discount Schedule	CP2
GTIN	00785901971047
Nbr. of units in pkg.	1
Package weight(Lbs)	0.900000000000000002
Returnability	Y
Country of origin	MX

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1328 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available

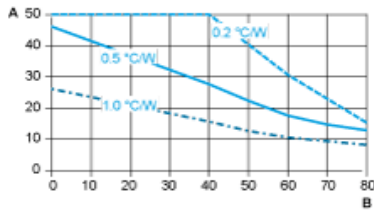
Product end of life instructions	Available
California proposition 65	WARNING: This product can expose you to chemicals including:
- - - - - Substance 1	Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.
- - - - - More information	For more information go to www.p65warnings.ca.gov

Dimensions



(1) 4 Mounting slots

Derating Curves



A : Load Current (Amperes)
B : Ambient Temperature (°C)