

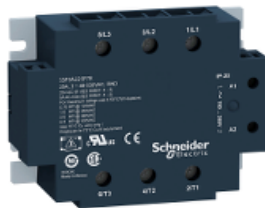
# SSP3A225P7

solid state relay - panel mounting - input 180-280 V AC, output 48-530 V AC, 25A

Product availability : Stock - Normally stocked in distribution facility



Price\*\* : 178.40 USD



## Main

Range of product	Zelio Relay
Product or component type	Solid state relay
Device short name	SSP
Mounting support	Panel
Number of phases	3 phases
Contacts type and configuration	3 NO
Solid state output type	Zero 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	20 ms turn-on) 30 ms turn-off)
Input current	7...20 mA
Output voltage	48...530 V AC
Load current	0.1...25 A
Transient overvoltage	1200 V
Surge current	275 A 20 ms 300 A 16.6 ms 85 A 1 s
Maximum I <sup>2</sup> t for fusing	380 A <sup>2</sup> .s 10 ms 50 Hz 370 A <sup>2</sup> .s 8.3 ms 60 Hz
Maximum leakage current	3 mA off-state
Maximum 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	0.75 hp 104 °F (40 °C) 120 V AC 1 hp 104 °F (40 °C) 240 V AC 3 hp 104 °F (40 °C) 480 V AC 4.4 hp 104 °F (40 °C) 530 V AC
Motor power kW	0.56 kW 104 °F (40 °C) 120 V AC 0.74 kW 104 °F (40 °C) 240 V AC 2.22 kW 104 °F (40 °C) 480 V AC 3.24 kW 104 °F (40 °C) 530 V AC
Insulation resistance	>= 1000 MOhm 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 <sup>2</sup> , AWG 24...AWG 14) input Screw terminals 1 x 1.5...1 x 10 mm <sup>2</sup> , AWG 16...AWG 8) output
Thermal resistance	0.24 °C/W
LED indicator	LED, green input
IP degree of protection	IP20
Net weight	0.53 lb(US) (0.24 kg)
Width	3.99 in (101.3 mm)
Height	3.14 in (79.7 mm)
Depth	1.39 in (35.4 mm)
Device presentation	Complete product

## Environment

Flame retardance	V0 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	RoHS UL CSA 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	00785901970903
Package weight(Lbs)	0.41 kg (0.91 lb(US))
Returnability	Yes
Country of origin	MX

## Offer Sustainability

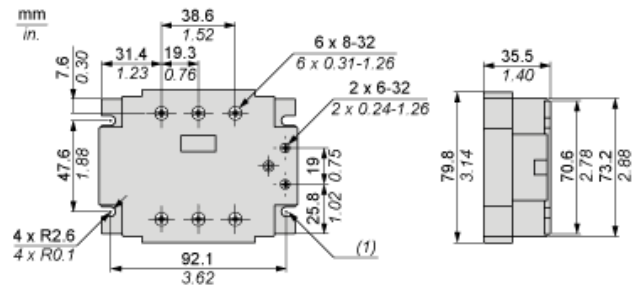
Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Not applicable, out of EU RoHS legal scope
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a>

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Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>

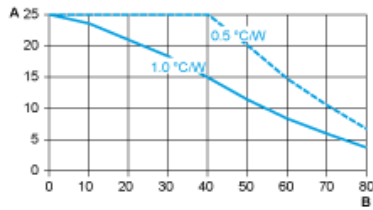
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Dimensions



(1) 4 Mounting slots

Derating Curves



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