

# SSP3A225BD

solid state relay - panel mounting - input 4-32 V DC, output 48-530 V AC, 25A

Product availability : Stock - Normally stocked in distribution facility



Price\* : 174.00 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 composition	3 NO
Solid state output type	Zero voltage switching

## Complementary

Control type	Without test button
Control circuit voltage	4...32 V DC
Switching voltage	$\geq 4$ V DC turn-on $\leq 1$ V DC turn-off
Response time	8.33 ms turn-on 8.33 ms turn-off
Input current limits	24...35 mA
Output voltage	48...530 V AC
Load current	0.1...25 A
Absolute maximum voltage	1200 V
Surge current	$\leq 275$ A 20 ms $\leq 300$ A 16.6 ms $\leq 85$ A 1 s
Maximum I <sup>2</sup> t for fusing	380 A <sup>2</sup> .s 10 ms at 50 Hz half cycle 370 A <sup>2</sup> .s 8.3 ms at 60 Hz half cycle
Leakage current	$\leq 3$ mA off-state
Voltage drop	$\leq 1.35$ V on-state
DV/Dt	500 V/ $\mu$ s off-state at maximum voltage

Cos phi	>= 0.5 with maximum load
Motor power hp	0.75 hp at 104 °F (40 °C) 120 V AC 1 hp at 104 °F (40 °C) 240 V AC 3 hp at 104 °F (40 °C) 480 V AC 4.4 hp at 104 °F (40 °C) 530 V AC
Motor power kW	0.56 kW at 104 °F (40 °C) 120 V AC 0.74 kW at 104 °F (40 °C) 240 V AC 2.22 kW at 104 °F (40 °C) 480 V AC 3.24 kW at 104 °F (40 °C) 530 V AC
Insulation resistance	>= 1000 MOhm at 500 V DC
Capacitance unbalance	<= 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
Local signalling	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	00785901970934
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 <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above the threshold</a>
Product environmental profile	Available

