

# SSM1D212BD

solid state relay - DIN rail mount - input 4-32 V DC, output 1-60 V DC ,12A

Product availability : Stock - Normally stocked in distribution facility



Price\* : 40.10 USD



## Main

Range of product	Zelio Relay
Product or component type	Solid state relay
Device short name	SSM
Number of channels	1
Phase	1 phase

## Complementary

Mounting support	Symmetrical DIN rail
Line Rated Current	12 A
Output voltage	1...60 V DC
Control circuit voltage	4...32 V DC
Contacts type and composition	1 NO
Tightening torque	4.42...7.08 lbf.in (0.5...0.8 N.m) input 4.42...7.08 lbf.in (0.5...0.8 N.m) output
Connections - terminals	Screw terminals : 1 x 0.3...1 x 1.5 mm <sup>2</sup> , (AWG 22...AWG 16) input Screw terminals : 1 x 0.3...1 x 2.5 mm <sup>2</sup> , (AWG 22...AWG 14) output
Capacitance unbalance	<= 10 pF input/output
Insulation resistance	1000 MOhm at 500 V DC
Local signalling	LED green input status
Switching voltage	>= 4 V DC turn-on <= 1 V DC turn-off
Input current limits	9...11 mA
Solid state output type	Mosfet output DC switching
Load current	0.0025...12 A
Absolute maximum voltage	60 V
Surge current	<= 100 A 10 ms

Voltage drop	<= 0.5 V on-state
Resistance	0.045 Ohm on-state
Leakage current	<= 0.1 mA off-state
Response time	0.6 ms turn-on 0.3 ms turn-off
Overvoltage category	III
Width	0.71 in (18 mm)
Height	90.3 mm
Depth	83.7 mm
Product weight	0.2 lb(US) (0.09 kg)

## Environment

Flame retardance	Conforming to UL 94
Dielectric strength	4 kV DC input/output 4 kV DC input or output to case
Pollution degree	2
Standards	IEC 61000 IEC 60950-1 IEC 62314
Product certifications	CSA UL REACH
Marking	CE
IP degree of protection	IP20
Ambient air temperature for operation	-22...176 °F (-30...80 °C)
Ambient air temperature for storage	-22...212 °F (-30...100 °C)

## Ordering and shipping details

Category	22375 - INTERFACE MODULE(ABA,R,S)
Discount Schedule	CP2
GTIN	00785901970880
Nbr. of units in pkg.	1
Package weight(Lbs)	0.22
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
Product end of life instructions	Available