

Product data sheet

Specifications



single phase relay, Harmony Solid State Modular Relays, 6A, DIN rail mount, DC switching, input 4 to 32V DC, output 1 to 60V DC

SSM1D26BD

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Harmony Solid State Relays
Device short name	SSM
Product or Component Type	Modular DIN rail relay
Number of Channels	1
Number of phases	1 phase
Output switching mode	DC switching

Complementary

Product configuration type	Relay configuration
Mounting Support	Symmetrical DIN rail
Line Rated Current	6 A
Output voltage	1...60 V DC
[Uc] control circuit voltage	4...32 V DC
Tightening torque	0.5...0.8 N.m for input 0.5...0.8 N.m for output
Connections - terminals	Screw terminals 1 x 0.3...1 x 1.5 mm ² , AWG 22...AWG 16) input Screw terminals 1 x 0.3...1 x 2.5 mm ² , AWG 22...AWG 14) output
maximum capacitance	10 pF for input/output
Insulation resistance	1000 MOhm at 500 V DC
Local signalling	for input status LED (green)
Minimum switching voltage	4 V DC turn-on
Maximum switching voltage	1 V DC turn-off
input current	8...11 mA
Solid state output type	Mosfet output DC switching
Load current	0.0025...6 A
transient overvoltage	60 V
Surge current	60 A 10 ms
Maximum voltage drop	<0.6 V on-state
Resistance	0.1 Ohm on-state

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Maximum leakage current	0.1 mA off-state
Response time	0.6 ms (turn-on) 0.3 ms (turn-off)
Overvoltage category	III
Width	0.4 in (11 mm)
Height	3.6 in (90.3 mm)
test button	Without test button
Depth	3.3 in (83.7 mm)
Net Weight	0.11 lb(US) (0.05 kg)

Environment

Flame retardance	V0 conforming to UL 94
Dielectric strength	4 kV DC for input/output 4 kV DC for input or output to case
Pollution degree	2
Standards	IEC 61000 IEC 62314 IEC 60950-1
Product Certifications	UL CSA
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	US10CP222375
Discount Schedule	0CP2
GTIN	3606480579349
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	0.669 in (1.700 cm)
Package 1 Width	3.661 in (9.300 cm)
Package 1 Length	3.425 in (8.700 cm)
Package 1 Weight	2.222 oz (63.000 g)
Unit Type of Package 2	S02
Number of Units in Package 2	96
Package 2 Height	5.906 in (15.000 cm)
Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)

Package 2 Weight

14.467 lb(US) (6.562 kg)

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

 Mercury Free

 RoHS Exemption Information Yes

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu RoHS Directive Pro-active compliance (Product out of EU RoHS legal scope)

China RoHS Regulation [China RoHS declaration](#)

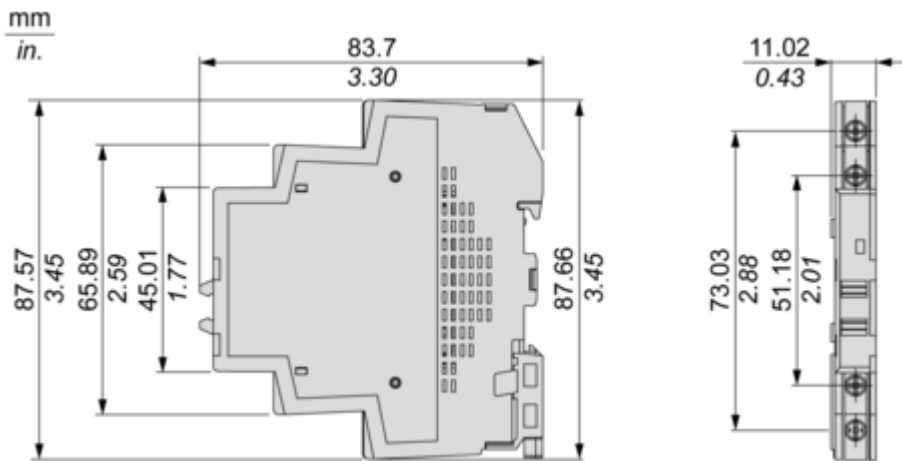
Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)

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 www.P65Warnings.ca.gov

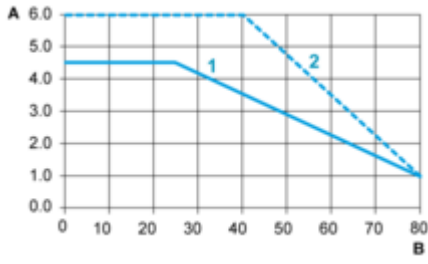
Dimensions Drawings

Dimensions



Performance Curves

Derating Curves



A : Load Current (Amperes)

B : Ambient Temperature (°C)

1 : Multiple units, no minimum spacing between components

2 : Installed single unit, distance to adjacent components more than 11 mm

Technical Illustration

Dimensions

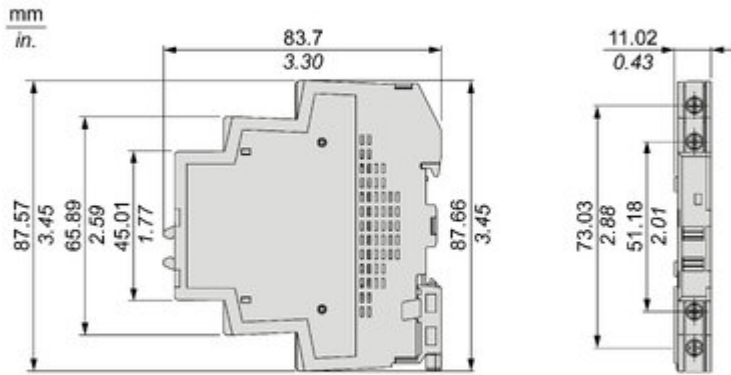


Image of product / Alternate images

Alternative

