# **Product data sheet**

Specification





plug in relay, Harmony Solid State Slim Relays, 3.5A, DC switching, input 15 to 30V DC, output 1 to 24V DC

SSL1D03BD

Product availability: Stock - Normally stocked in distribution facility

Price\*: 19.50 USD

#### Main

Range Of Product	Harmony Solid State Relays	
Product Or Component Type	Solid state relay up to 10 A	
Device Short Name	SSL	
Phase	1 phase	
Output Switching Mode	DC switching	

## Complementary

Mounting Support	Socket	
Line Rated Current	3.5 A	
Output Voltage	124 V DC	
[Uc] Control Circuit Voltage	1530 V DC	
Capacitance Unbalance	1.5 pF input/output	
Minimum Switching Voltage	15 V DC turn-on	
Maximum Switching Voltage	10 V DC turn-off	
Input Current Limits	7 mA	
Input Impedance	3500 Ohm	
Solid State Output Type	Mosfet output DC switching	
Load Current	0.0013.5 A	
Tansient Overvoltage	30 V DC	
Maximum Operating Frequency	500 Hz	
Surge Current	9 A 10 ms	
Maximum Voltage Drop	<0.5 V on-state	
Maximum Leakage Current	0.001 mA off-state	
Response Time	0.35 ms (turn-on) 0.08 ms (turn-off)	
Overvoltage Category	III	
Width	0.20 in (5 mm)	
Height	1.10 in (28 mm)	
Depth	0.59 in (15 mm)	

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

Net Weight 0.01 lb(US) (0.0041 kg)

### **Environment**

Flame Retardance	V0 conforming to UL 94
Dielectric Strength	2500 V for input/output
Pollution Degree	2
Product Certifications	UL CSA
Marking	CE
Ambient Air Temperature For Operation	-4176 °F (-2080 °C)
Ambient Air Temperature For Storage	-4185 °F (-2085 °C)

# Ordering and shipping details

Category	US10CP222375
Discount Schedule	0CP2
Gtin	3606480579653
Returnability	Yes
Country Of Origin	MX

# **Packing Units**

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	0.59 in (1.5 cm)
Package 1 Width	0.20 in (0.5 cm)
Package 1 Length	1.10 in (2.8 cm)
Package 1 Weight	0.18 oz (5 g)
Unit Type Of Package 2	BB1
Number Of Units In Package 2	12
Package 2 Height	0.28 in (0.7 cm)
Package 2 Width	0.98 in (2.5 cm)
Package 2 Length	14.57 in (37 cm)
Package 2 Weight	2.26 oz (64 g)
Unit Type Of Package 3	S01
Number Of Units In Package 3	1080
Package 3 Height	5.91 in (15 cm)
Package 3 Width	5.91 in (15 cm)
Package 3 Length	15.75 in (40 cm)
Package 3 Weight	13.32 lb(US) (6.042 kg)



**Green Premium**<sup>TM</sup> **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> 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

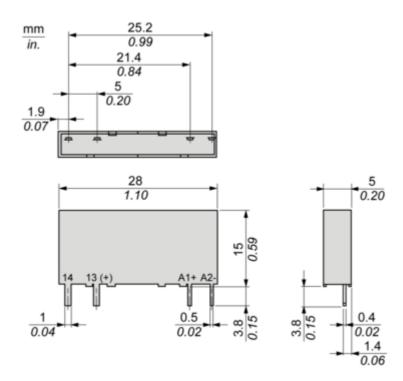
Yes

### **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**

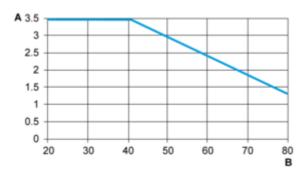


## **Product data sheet**

## SSL1D03BD

#### Performance Curves

### **Derating Curves**



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