# Product data sheet

Specifications





plug in relay, Harmony Solid State Slim Relays, 0.1A, DC switching, input 3 to 12V DC, output 1 to 48V DC

SSL1D101JD

Product availability: Non-Stock - Not normally stocked in distribution facility

Price\*: 9.90 USD

#### Main

Range of Product	Harmony Solid State Relays	
Product or Component Type	Plug-in relay	
Device short name	SSL	
Phase	1 phase	
Output switching mode	DC switching	

### Complementary

Mounting Support	Socket	
Line Rated Current	0.1 A	
Output voltage	148 V DC	
[Uc] control circuit voltage	312 V DC	
Capacitance unbalance	1.5 pF input/output	
Minimum switching voltage	3 V DC turn-on	
Maximum switching voltage	1 V DC turn-off	
Input current limits	4 mA	
Input impedance	1250 Ohm	
solid state output type	Transistor output DC switching	
load current	0.0010.1 A	
tansient Overvoltage	60 V DC	
Maximum operating frequency	500 Hz	
Surge current	0.3 A 10 ms	
Maximum voltage drop	<1 V on-state	
Maximum leakage current	0.001 mA off-state	
Response time	0.02 ms (turn-on) 0.13 ms (turn-off)	
Overvoltage category	III	
Width	0.2 in (5 mm)	
Height	1.1 in (28 mm)	
Depth	0.6 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 0.0090 lb(US) (0.0041 kg)

### **Environment**

Flame retardance	V0 conforming to UL 94	
Dielectric strength	3750 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	3606480579677	
Returnability	No	
Country of origin	MX	

## **Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	0.3 in (0.7 cm)
Package 1 Width	1.0 in (2.5 cm)
Package 1 Length	14.6 in (37 cm)
Package 1 Weight	0.2 oz (5 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Height	0.3 in (0.7 cm)
Package 2 Width	1.0 in (2.5 cm)
Package 2 Length	14.6 in (37 cm)
Package 2 Weight	2.1 oz (60 g)
Unit Type of Package 3	S01
Number of Units in Package 3	1080
Package 3 Height	5.9 in (15 cm)
Package 3 Width	5.9 in (15 cm)
Package 3 Length	15.7 in (40 cm)
Package 3 Weight	12.531 lb(US) (5.684 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.

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Guide to assess a product's sustainability >





Transparency RoHS/REACh

### Well-being performance

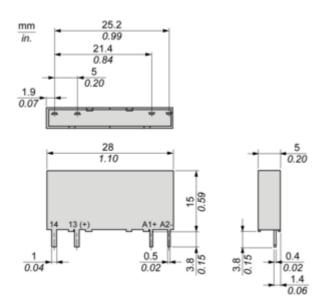
<b>Ø</b>	Reach Free Of Svhc	
<b>⊘</b>	Toxic Heavy Metal Free	
<b>⊘</b>	Mercury Free	
<b>⊘</b>	Rohs Exemption Information	Yes

#### **Certifications & Standards**

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
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**

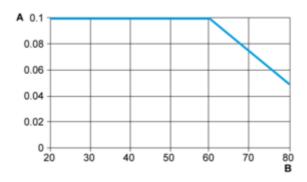


## **Product data sheet**

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#### Performance Curves

### **Derating Curves**



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