Product datasheet

Specifications





plug in relay, Harmony Solid State Slim Relays, 3.5A, DC switching, input 3 to 12V DC, output 1 to 24V DC

SSL1D03JD

Main

Range Of Product	Harmony Solid State Relays
Product Or Component Type	Plug-in relay
Device Short Name	SSL
Network Number Of Phases	1 phase
Output Switching Mode	DC switching

Complementary

Socket	
3.5 A	
124 V DC	
312 V DC	
1.5 pF input/output	
3 V DC turn-on	
1 V DC turn-off	
10 mA	
500 Ohm	
Mosfet output DC switching	
0.0013.5 A	
30 V DC	
500 Hz	
9 A for 10 ms	
<0.5 V on-state	
0.001 mA off-state	
0.12 ms (turn-on) 0.1 ms (turn-off)	
III	
5 mm	
28 mm	
15 mm	
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	-2080 °C
Ambient Air Temperature For Storage	-2085 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	0.7 cm
Package 1 Width	2.5 cm
Package 1 Length	37 cm
Package 1 Weight	4 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	12
Package 2 Height	0.7 cm
Package 2 Width	2.5 cm
Package 2 Length	37 cm
Package 2 Weight	66 g
Unit Type Of Package 3	S01
Number Of Units In Package 3	1080
Package 3 Height	15 cm
Package 3 Width	15 cm
Package 3 Length	40 cm
Package 3 Weight	6.226 kg



Green PremiumTM **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-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

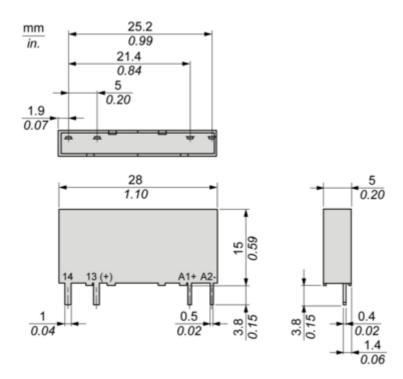
Yes

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

Dimensions Drawings

Dimensions

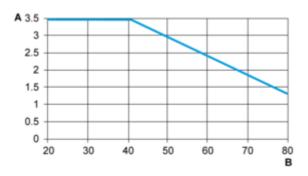


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Performance Curves

Derating Curves



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