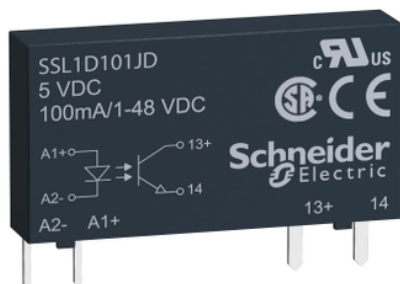


SSL1D101BD

plug in relay, Harmony Solid State Slim Relays,
0.1A, DC switching, input 16 to 30V DC, output
1 to 48V DC



Main

Range of product	Harmony Solid State Relays
Product or component type	Solid state relay up to 10 A
Device short name	SSL
Network number of phases	1 phase
Output switching mode	DC switching

Complementary

Mounting support	Socket
[In] rated current	0.1 A
Output voltage	1...48 V DC
[Uc] control circuit voltage	16...30 V DC
Capacitance unbalance	1.5 pF input/output
Minimum switching voltage	16 V DC turn-on
Maximum switching voltage	9 V DC turn-off
Input current limits	5 mA
Input impedance	3500 Ohm
Solid state output type	DC switching Transistor output
Load current	0.001...0.1 A
Tansient Overvoltage	60 V DC
Maximum operating frequency	500 Hz
Surge current	0.3 A for 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	5 mm
Height	28 mm
Depth	15 mm
Net weight	0.0041 kg

Environment

Flame retardance	V0 conforming to UL 94
Dielectric strength	3750 V for input/output
Pollution degree	2
Product certifications	CSA[RETURN]UL
Marking	CE

Ambient air temperature for operation	-20...80 °C
Ambient air temperature for storage	-20...85 °C

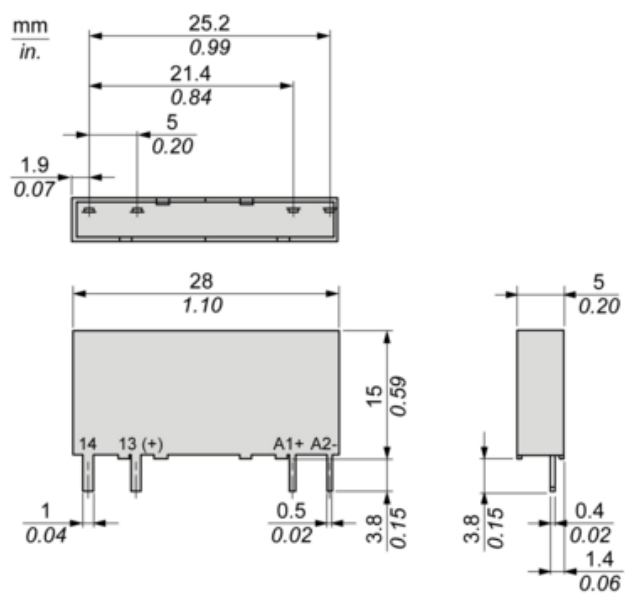
Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	0.700 cm
Package 1 Width	2.500 cm
Package 1 Length	37.000 cm
Package 1 Weight	4.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Height	0.700 cm
Package 2 Width	2.500 cm
Package 2 Length	37.000 cm
Package 2 Weight	62.000 g
Unit Type of Package 3	S01
Number of Units in Package 3	1080
Package 3 Height	15.000 cm
Package 3 Width	15.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	5.684 kg

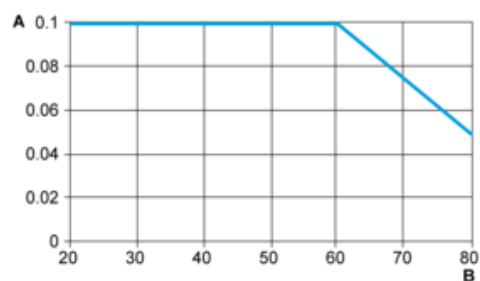
Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information

Dimensions



Derating Curves



A : Load Current (Amperes)

B : Ambient Temperature (°C)