SSL1D101BD

solid state relay,Plug-in,input 16-30 V DC, output 1-48 V DC, 0.1A

Green Premium' Product
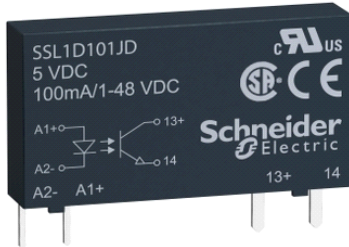
Main

Range of product	Zelio Relay
Product or component type	Solid state relay
Device short name	SSL
Network number of phases	1 phase

Complementary

Mounting support	Socket
[In] rated current	0.1 A
Output voltage	1...48 V DC
[Uc] control circuit voltage	16...30 V DC
Contacts type and composition	1 NO
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	Transistor output DC switching
Load current	0.001...0.1 A
Absolute maximum voltage	60 V
Maximum operating frequency	500 Hz
Surge current	0.3 A for 10 ms
Voltage drop	<= 1 V on-state
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
Product weight	0.0041 kg

## Environment

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flame retardance	V0 conforming to UL 94
dielectric strength	3750 V for input/output
pollution degree	2
product certifications	CSA RoHS UL REACH
marking	CE
ambient air temperature for operation	-20...80 °C

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1417 - Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations

Dimensions
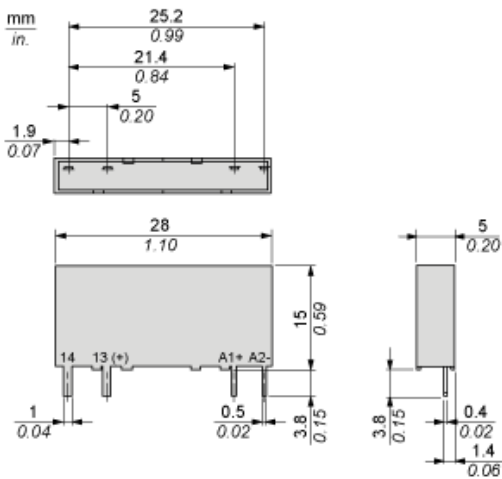
Derating Curves
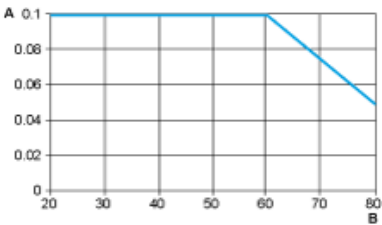
A :   Load Current (Amperes)

B :   Ambient Temperature (°C)