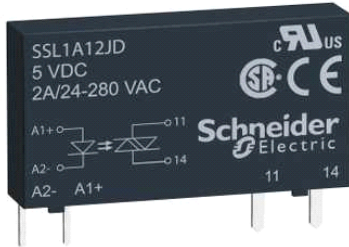


SSL1A12NDR

solid state relay, Plug-in, input 38-72 V DC, output 24-280 V AC, 2A



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	2 A
Output voltage	24...280 V AC
Control circuit voltage	90...140 V AC 190...250 V AC 38...72 V DC 190...250 V DC 90...140 V DC
Contacts type and composition	1 NO
Capacitance unbalance	≤ 1.5 pF input/output
Switching voltage	≥ 38 V DC turn-on ≤ 28 V DC turn-off
Input current limits	4 mA
Input impedance	20 kOhm
Solid state output type	SCR output Random voltage switching
Load current	0.07...2 A
Absolute maximum voltage	600 V
Surge current	≤ 115 A for 20 ms ≤ 120 A for 16.6 ms
Voltage drop	≤ 1.1 V on-state
Maximum I ² t for fusing	260 A ² .s for 8.3 ms at 60 Hz half cycle 285 A ² .s for 10 ms at 50 Hz half cycle
Leakage current	≤ 4 mA off-state
DV/dt	500 V/ μ s off-state at maximum voltage
Response time	0.5 cycle turn-off 0.1 ms turn-on
Overvoltage category	III
Width	5 mm
Height	28 mm
Depth	15 mm
Product weight	0.0041 kg

Environment

flame retardance	V0 conforming to UL 94
dielectric strength	2500 V for input/output
pollution degree	2

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