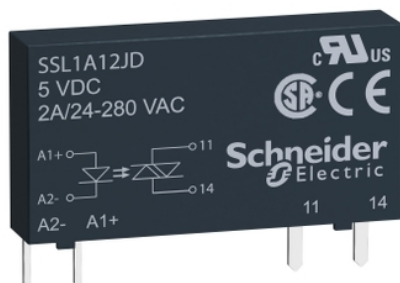


Product availability: Non-Stock - Not normally stocked in distribution facility



Main

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

Complementary

Mounting support	Socket
Line Rated Current	2 A
Output voltage	24...280 V AC
[Uc] control circuit voltage	3...12 V DC
Contacts type and configuration	1 NO
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	15 mA
Input impedance	333 kOhm
Solid state output type	SCR output Random voltage switching
Load current	0.07...2 A
Absolute maximum voltage	600 V AC
Surge current	115 A 20 ms 120 A 16.6 ms
Voltage drop	<= 1.1 V on-state
Maximum I ² t for fusing	260 A ² .s 8.3 ms at 60 Hz half cycle 285 A ² .s 10 ms at 50 Hz half cycle
Leakage current	<= 4 mA off-state
DV/dt	500 V/μs off-state at maximum voltage
Response time	0.5 cycle turn-off 0.1 ms turn-on
Overvoltage category	III
Width	0.2 in (5 mm)
Height	1.1 in (28 mm)
Depth	0.59 in (15 mm)
Product weight	0.01 lb(US) (0.0041 kg)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

Flame retardance	V0 conforming to UL 94
Dielectric strength	2500 V input/output
Pollution degree	2
Product certifications	REACH UL CSA
Marking	CE
Ambient air temperature for operation	-4...176 °F (-20...80 °C)
Ambient air temperature for storage	-4...185 °F (-20...85 °C)

Ordering and shipping details

Category	22375 - INTERFACE MODULE(ABA,R,S)
Discount Schedule	CP2
GTIN	00785901847601
Nbr. of units in pkg.	12
Package weight(Lbs)	0.01
Returnability	N
Country of origin	MX

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1417 - Schneider Electric declaration of conformity 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
California proposition 65	WARNING: This product can expose you to chemicals including:
----- Substance 1	Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.
----- More information	For more information go to www.p65warnings.ca.gov

Technical drawing of a mechanical part showing three views: top, front, and side. Dimensions are given in millimeters (mm) and inches (in.).

Top View:

- Overall width: 25.2 mm (0.99 in.)
- Inner width: 21.4 mm (0.84 in.)
- Distance from left edge to centerline: 5 mm (0.20 in.)
- Distance from right edge to centerline: 5 mm (0.20 in.)
- Distance from left edge to first hole center: 1.9 mm (0.07 in.)

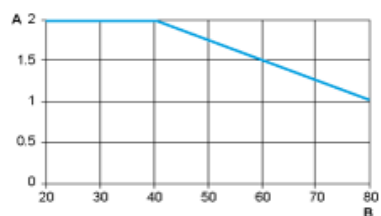
Front View:

- Overall width: 28 mm (1.10 in.)
- Height: 15 mm (0.59 in.)
- Distance from left edge to first hole center: 1 mm (0.04 in.)
- Distance from left edge to second hole center: 13 mm (+)
- Distance from left edge to third hole center: 14 mm
- Distance from left edge to fourth hole center: 0.5 mm (0.02 in.)
- Distance from left edge to fifth hole center: 3.8 mm (0.15 in.)
- Distance from left edge to sixth hole center: 1.4 mm (0.06 in.)

Side View:

- Overall width: 5 mm (0.20 in.)
- Height: 3.8 mm (0.15 in.)
- Distance from left edge to first hole center: 0.4 mm (0.02 in.)
- Distance from left edge to second hole center: 1.4 mm (0.06 in.)

Derating Curves



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

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