

Product data sheet

Characteristics

SSL1D03JDPR

Solid state relay pre assembled, 3.5 A, DC switching, spring sockets, input 4...12 V DC, output 1...24 V DC

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

Price* : 39.95 USD



Main

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

Complementary

Mounting support	Spring socket
Line Rated Current	3.5 A
Output voltage	1...24 V DC
Contacts type and configuration	1 NO
CLAMPING FORCE	10...40 N.m
Connections - terminals	Flexible cable with cable end, 0.2...1.5 mm ² AWG 24...AWG 16) Solid cable with cable end, 0.2...1.5 mm ² AWG 24...AWG 16)
Capacitance unbalance	1.5 pF input/output
Minimum switching voltage	4 V DC turn-on
Maximum switching voltage	1 V DC turn-off
Input impedance	500 Ohm
Solid state output type	Mosfet output DC switching
Load current	0.001...3.5 A
Tansient Overvoltage	30 V DC
Surge current	9 A 10 ms
Maximum voltage drop	<0.5 V on-state
Maximum leakage current	0.001 mA off-state
Response time	0.12 ms turn-off) 0.1 ms turn-on)
Overvoltage category	III
Maximum Width	0.24 in (6.2 mm)

* Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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Maximum Height	4.12 in (104.6 mm)
Maximum Depth	3.13 in (79.5 mm)
Net Weight	0.06 lb(US) (0.0285 kg)

Environment

Flame retardance	V0 UL 94
Dielectric strength	2500 V input/output
Pollution degree	2
Standards	IEC 60950-1 IEC 61000 IEC 62314 IEC 61984 EN 61984
Product certifications	UL REACH CSA CE RoHS UL 508 CSA22.2 No. 14-10 GOST
Marking	CURus CSA CE China RoHS EAC
IP degree of protection	IP20
Ambient air temperature for operation	-4...158 °F (-20...70 °C)
Ambient air temperature for storage	-4...185 °F (-20...85 °C)

Ordering and shipping details

Category	21127 -
Discount Schedule	CP2
GTIN	03606489563011
Returnability	No

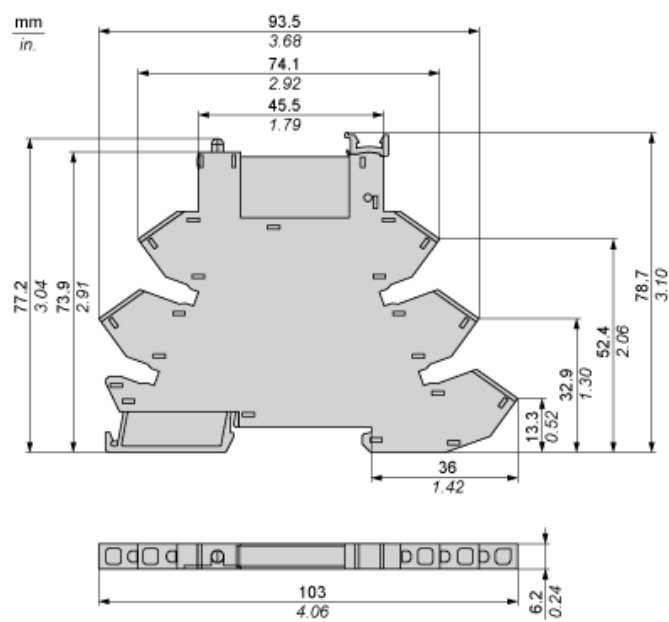
Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

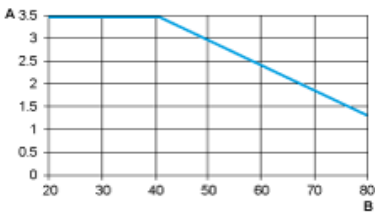
Contractual warranty

Warranty	18 Months
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Dimensions



Derating Curves



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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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