

Main

Range of product	Harmony 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	3.5 A
Output voltage	1...24 V DC
[Uc] control circuit voltage	15...30 V DC
Contacts type and configuration	1 NO
Capacitance unbalance	1.5 pF input/output
Minimum switching voltage	15 V DC turn-on
Maximum switching voltage	10 V DC turn-off
Input current limits	7 mA
Input impedance	3500 Ohm
Solid state output type	Mosfet output DC switching
Load current	0.001...3.5 A
Tansient Overvoltage	30 V DC
Maximum operating frequency	500 Hz
Surge current	9 A for 10 ms
Maximum voltage drop	<0.5 V on-state
Maximum leakage current	0.001 mA off-state
Response time	0.35 ms (turn-on) 0.08 ms (turn-off)
Overvoltage category	III

Disclaimer: 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

Width	5 mm
Height	28 mm
Depth	15 mm
Net weight	0.0041 kg

Environment

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

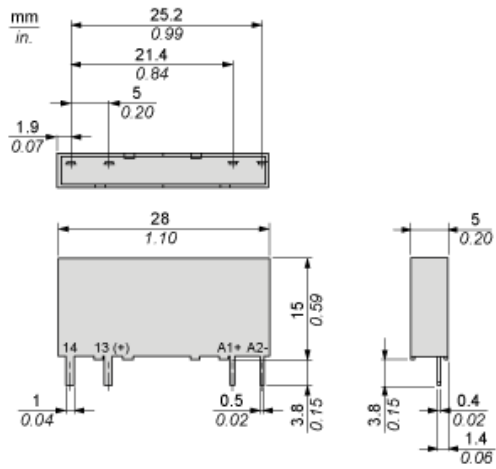
Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	5 g
Package 1 Height	1.5 cm
Package 1 width	0.5 cm
Package 1 Length	2.8 cm
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Weight	64 g
Package 2 Height	0.7 cm
Package 2 width	2.5 cm
Package 2 Length	37 cm
Unit Type of Package 3	S01
Number of Units in Package 3	1080
Package 3 Weight	5.985 kg
Package 3 Height	15 cm
Package 3 width	15 cm
Package 3 Length	40 cm

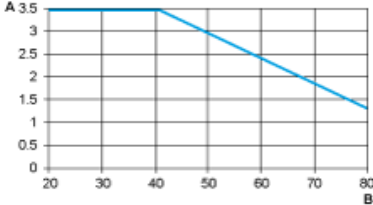
Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
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

Dimensions



Derating Curves



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