

## 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	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	10 mA
Input impedance	500 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	0.12 ms (turn-on) 0.1 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

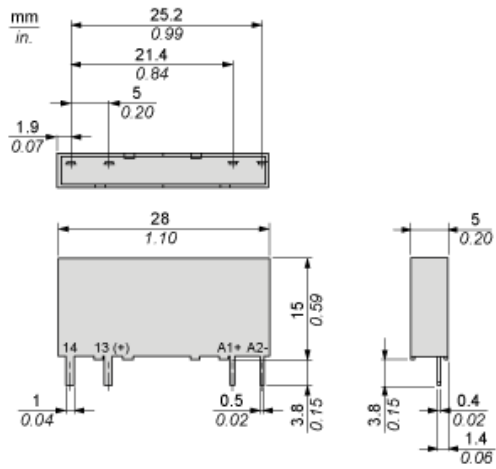
## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	5 g
Package 1 Height	0.7 cm
Package 1 width	2.5 cm
Package 1 Length	37 cm
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Weight	62 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	5.864 kg
Package 3 Height	15 cm
Package 3 width	15 cm
Package 3 Length	40 cm

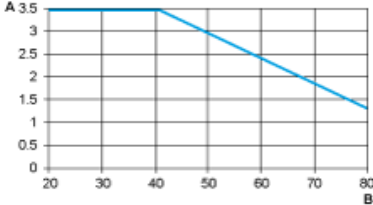
## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>

Dimensions



Derating Curves



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