



### 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	2 A
Output voltage	24...280 V AC
[Uc] control circuit voltage	3...12 V DC
Contacts type and composition	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	Random voltage switching SCR output
Load current	0.07...2 A
Absolute maximum voltage	600 V AC
Surge current	120 A for 16.6 ms 115 A for 20 ms
Maximum voltage drop	<1.1 V on-state
Maximum I <sup>2</sup> t for fusing	285 A <sup>2</sup> .S for 10 ms at 50 Hz 260 A <sup>2</sup> .S for 8.3 ms at 60 Hz
Maximum leakage current	4 MA off-state
DV/dt	500 V/μs off-state at maximum voltage
Response time	0.5 cycle (turn-on) 0.5 cycle (turn-off)
Overvoltage category	III
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	CSA UL
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	60 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	5.684 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>
REACH free of SVHC	Yes
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>

Product Life Status : **Commercialised**