



## 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 composition	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
Absolute maximum voltage	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
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	<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>

Product Life Status : **Commercialised**