Product data sheet
Characteristics

RSLZVA1
socket equipped with LED and protection circuit, Harmony Electromechanical Relays, for RSL1 relays, screw connector, 12 to 24V AC DC



Main

Range of product	Harmony Electromechanical Relays
Device short name	RSLZ
Product or component type	Socket
Device presentation	Basic element
Product compatibility	Plug-in relay RSL with 1 C/O contact at 12 V DC Plug-in relay RSL with 1 C/O contact at 24 V DC
Contacts type and composition	1 C/O
[Ith] conventional free air thermal current	6 A
Switching voltage	12 V AC/DC 24 V AC/DC
Rated operational voltage limits	11.4...14.4 V 21.6...28.8 V
[Ue] rated operational voltage	< 300 V AC

Complementary

Group of product	RSL_CON_12-24
Shape of pin	Flat
Contact terminal arrangement	Separate
Connections - terminals	Connector, 1 x 0.2...1 x 2.5 mm² (24 AWG...14 AWG) flexible with cable end Connector, 1 x 0.2...1 x 2.5 mm² (24 AWG...14 AWG) solid without cable end
Compatibility code	RSLZ
Tightening torque	< 0.4 N.m for M2.5 screw(s)
Fixing mode	Plastic compression spring (35 mm symmetrical DIN rail)
[Uimp] rated impulse withstand voltage	3.6 KV
Overvoltage category	III
Pollution degree	3
Sale per indivisible quantity	10
CAD overall width	6.2 Mm
CAD overall height	78.6 Mm
CAD overall depth	95 Mm
Net weight	0.023 Kg

Environment

IP degree of protection	IP20 conforming to IEC 60529
Standards	IEC 61984 UL 508
Product certifications	CSA[RETURN]GOST
Marking	CE
Ambient air temperature for storage	-40…85 °C
Ambient air temperature for operation	-40…70 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.500 Cm
Package 1 Width	7.200 Cm
Package 1 Length	5.400 Cm
Package 1 Weight	23.000 G
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	8.500 Cm
Package 2 Width	7.200 Cm
Package 2 Length	10.800 Cm
Package 2 Weight	259.000 G
Unit Type of Package 3	S03
Number of Units in Package 3	300
Package 3 Height	30.000 Cm
Package 3 Width	30.000 Cm
Package 3 Length	40.000 Cm
Package 3 Weight	8.395 Kg

Offer Sustainability

Recyclability potential, in %	70
Total lifecycle Carbon footprint	0.7 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.7178809598
Carbon footprint of the manufacturing phase [A1 to A3]	0.7 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.0029674945
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.0001390679
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	0 kg CO2 eq.
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	0.0058696229
Carbon footprint of the end-of-life phase [C1 to C4]	0 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	1
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
REACh Regulation	Free of Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
California proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is know

End of life manual availability	No need of specific recycling operations
Take-back	No

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised