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Product data sheet
Characteristics

RSLZVA2
screw socket equipped with LED and protection circuit, 48-60 V



Main

Range of product	Harmony Electromechanical Relays
Product or component type	Socket
Contact terminal arrangement	Separate
Product compatibility	Plug-in relay RSL with 1 C/O contact at 48 V DC Plug-in relay RSL with 1 C/O contact at 60 V DC
Shape of pin	Flat
Device short name	RSLZ
Device presentation	Basic element
Sale per indivisible quantity	10
Switching voltage	48 V AC/DC 60 V AC/DC

Complementary

[Ith] conventional free air thermal current	6 A
[Ue] rated operational voltage	< 300 V AC
Tightening torque	< 0.5 N.m for M2.5 screw(s)
Fixing mode	Plastic compression spring (35 mm symmetrical DIN rail)
Marking	CE
CAD overall width	6.2 mm
CAD overall height	78.6 mm
CAD overall depth	95 mm
Net weight	0.023 kg
Rated operational voltage limits	43.2...57.6 V 54...72 V
Group of product	RSL_CON_48-60
Compatibility code	RSLZ
[Uimp] rated impulse withstand voltage	3.6 kV
Overvoltage category	III
Pollution degree	3

Environment

Connections - terminals	Connector, 1 x 0.2...1 x 2.5 mm² (AWG 24...AWG 14) flexible with cable end Connector, 1 x 0.2...1 x 2.5 mm² (AWG 24...AWG 14) solid without cable end
Standards	UL 508 IEC 61984
Product certifications	GOST CSA
Ambient air temperature for storage	-40…85 °C
Ambient air temperature for operation	-40…70 °C
IP degree of protection	IP20 conforming to EN/IEC 60529
Dielectric strength	2500 V

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
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.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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Packing Units

Unit Type of Package 1	PCE
Package 1 Length	10.2 cm
Number of Units in Package 1	1
Package 3 Width	30 cm
Package 3 Weight	8.796 kg
Package 2 Width	8.5 cm
Package 2 Height	7.2 cm
Package 2 Weight	274 g
Number of Units in Package 3	300
Unit Type of Package 3	S03
Package 3 Height	30 cm
Package 3 Length	40 cm
Package 1 Width	8 cm
Package 1 Height	0.7 cm
Package 1 Weight	27 g
Number of Units in Package 2	10
Unit Type of Package 2	BB1
Package 2 Length	10.4 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

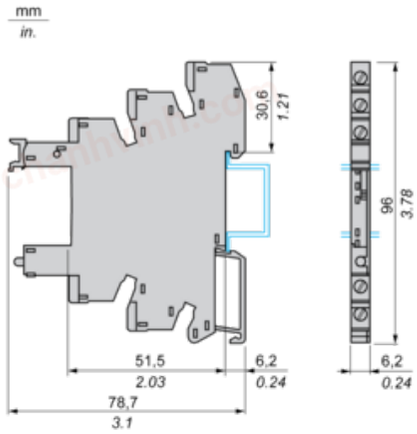
Warranty	18 mois

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Product data sheet
Dimensions Drawings

RSLZVA2

Dimensions

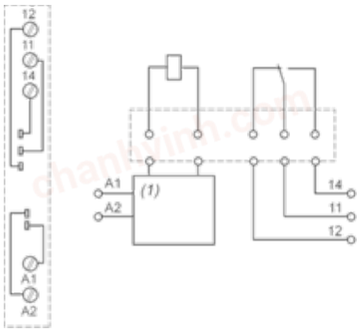


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Product data sheet
Connections and Schema

RSLZVA2

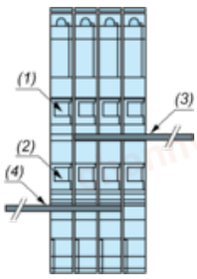
Wiring Diagram



(1) Protection circuit

Example of RSLZ2 Bus Jumper Mounting on Sockets

Side View



(1) A1
(2) A2
(3) Bus jumper polarity A1
(4) Bus jumper polarity A2

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