Product data sheet

Specifications

Green Premium™

Harmony, Socket equipped with LED and protection circuit, for RSL1 relays, spring terminals, 12...24 V AC/DC

RSLZRA1

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 12 V DC Plug-in relay RSL with 1 C/O contact at 24 V DC
Shape of pin	Flat
Device short name	RSLZ
Device presentation	Basic element
Sale per indivisible quantity	10
Switching voltage	12 V AC/DC 24 V AC/DC

Complementary

[Ith] conventional free air thermal current	6 A
[Ue] rated operational voltage	< 300 V AC
Clamping force	10…40 N
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	101 mm
Net weight	0.023 kg
Rated operational voltage limits	21.6...28.8 V 11.4...14.4 V
Group of product	RSL_SPRING_TERS_12-24
Compatibility code	RSLZ
[Uimp] rated impulse withstand voltage	3.6 kV
Overvoltage category	III
Pollution degree	3

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Environment

Connections - terminals	Spring terminals, 1 x 0.2...1 x 1.5 mm² (AWG 24...AWG 16) flexible with cable end Spring terminals, 1 x 0.2...1 x 1.5 mm² (AWG 24...AWG 16) 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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	25.0 g
Package 1 Height	7.0 cm
Package 1 width	8.5 cm
Package 1 Length	10.7 cm
Unit Type of Package 2	CAR
Number of Units in Package 2	10
Package 2 Weight	280.0 g
Package 2 Height	7.0 cm
Package 2 width	8.4 cm
Package 2 Length	12.0 cm
Unit Type of Package 3	BB1
Number of Units in Package 3	10
Package 3 Weight	280.0 g
Package 3 Height	7.0 cm
Package 3 width	8.5 cm
Package 3 Length	10.7 cm

Offer Sustainability

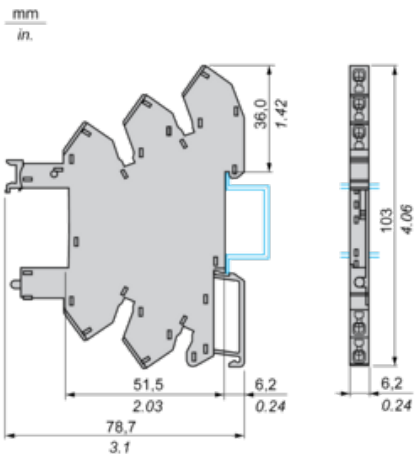|	
Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

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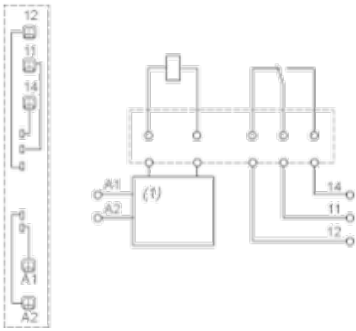|	
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
California proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Contractual warranty

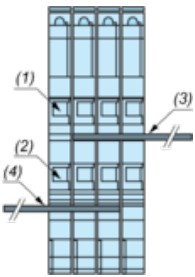|	
Warranty	18 months

Dimensions

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