

# Product data sheet

Specifications



## Socket, for RSB1A relays, Harmony, 12A, screw connectors, separate contact

RSZE1S35M

### Main

Range of product	Harmony Electromechanical Relays
Product or component type	Socket
Contact terminal arrangement	Separate
Product compatibility	Plug-in relay RSB with 1 C/O contact
Shape of pin	Flat
Device short name	RSZ
Sale per indivisible quantity	10

### Complementary

[I <sub>th</sub> ] conventional free air thermal current	12 A
[U <sub>e</sub> ] rated operational voltage	< 250 V AC
[U <sub>imp</sub> ] rated impulse withstand voltage	3.6 kV
Tightening torque	< 0.8 N.m for M3 screw(s)
Fixing mode	By screw (panel) Clip-on (35 mm symmetrical DIN rail)
Marking	CE
Width	15.5 mm

### Environment

Overvoltage category	III
Pollution degree	3
Connections - terminals	Screw connectors, 1 x 0.25...1 x 2.5 mm <sup>2</sup> (AWG 22...AWG 14) flexible with cable end Screw connectors, 2 x 0.25...2 x 1 mm <sup>2</sup> (AWG 22...AWG 17) flexible with cable end Screw connectors, 1 x 0.5...1 x 2.5 mm <sup>2</sup> (AWG 20...AWG 14) solid without cable end Screw connectors, 2 x 0.5...2 x 1.5 mm <sup>2</sup> (AWG 20...AWG 16) solid without cable end
Standards	IEC 61984
Product certifications	UL CSA
Ambient air temperature for storage	-40...85 °C
Ambient air temperature for operation	-25...85 °C

IP degree of protection	IP20 conforming to EN/IEC 60529
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Dielectric strength	2500 V
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## Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	7.000 cm
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Package 1 Width	9.000 cm
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Package 1 Length	17.000 cm
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Package 1 Weight	35.000 g
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Unit Type of Package 2	BB1
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Number of Units in Package 2	10
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Package 2 Height	7.000 cm
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Package 2 Width	9.000 cm
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Package 2 Length	17.000 cm
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Package 2 Weight	358.000 g
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Unit Type of Package 3	S03
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Number of Units in Package 3	240
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Package 3 Height	30.000 cm
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Package 3 Width	30.000 cm
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Package 3 Length	40.000 cm
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Package 3 Weight	9.148 kg
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## Offer Sustainability

Sustainable offer status	Green Premium product
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REACH Regulation	<a href="#">REACH Declaration</a>
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REACH free of SVHC	Yes
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EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
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Toxic heavy metal free	Yes
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Mercury free	Yes
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China RoHS Regulation	<a href="#">China RoHS declaration</a>
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RoHS exemption information	<a href="#">Yes</a>
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Environmental Disclosure	<a href="#">Product Environmental Profile</a>
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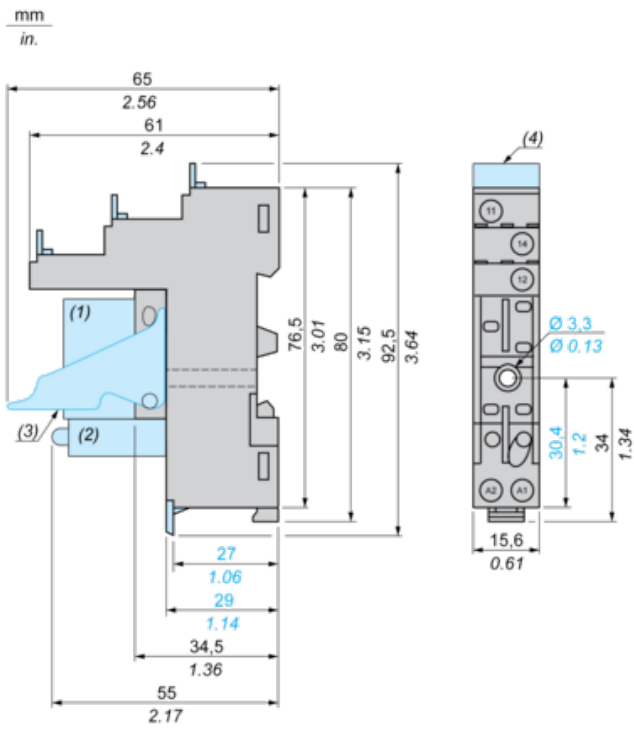
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
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California proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is known 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
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## Contractual warranty

Warranty	18 months
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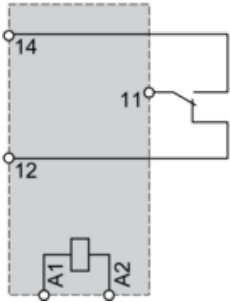
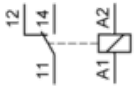
Dimensions



- (1) Relays
- (2) Protection module
- (3) Maintaining clamp
- (4) Legend

## Wiring Diagram

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**NOTE:** For DC input, A1 have to be +, otherwise it would short circuit from protection module

## Recommended replacement(s)