Product data sheet

Specifications



socket, for RSB1A160 RSB2A080 relays, Harmony Electromechanical Relays, 10A, screw connec to rs, separate contact

RSZE1S48M

Main

Range of product	Harmony Electromechanical Relays
Device short name	RSZ
Product or component type	Socket
Product compatibility	Plug-in relay RSB with 1 C/O contact at 16 A Plug-in relay RSB with 2 C/O contact at 8 A
Contacts type and composition	2 C/O
[Ith] conventional free air thermal current	10 A

Complementary

Shape of pin	Flat
[Ue] rated operational voltage	< 250 V AC
Contact terminal arrangement	Separate
Connections - terminals	Screw connectors, 1 x 0.25...1 x 2.5 mm² AWG 22...AWG 14) flexible with cable end Screw connectors, 2 x 0.25...2 x 1 mm² AWG 22...AWG 17) flexible with cable end Screw connectors, 1 x 0.5...1 x 2.5 mm² AWG 20...AWG 14) solid without cable end Screw connectors, 2 x 0.5...2 x 1.5 mm² AWG 20...AWG 16) solid without cable end
Tightening torque	< 0.8 N.m M3
Fixing mode	By screw (panel) Clip-on (35 mm symmetrical DIN rail)
[Uimp] rated impulse withstand voltage	3.6 kV
Overvoltage category	III
pollution degree	3
Sale per indivisible quantity	10
Width	0.6 in (15.5 mm)
Net weight	0.11 lb(US) (0.05 kg)

Environment

IP degree of protection	IP20 conforming to IEC 60529
Standards	IEC 61984
Product certifications	CSA UL
Marking	CE
Ambient air temperature for storage	-40…185 °F (-40…85 °C)
ambient air temperature for operation	-13…185 °F (-25…85 °C)

Disclaimer: 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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	0.67 in (1.700 cm)
Package 1 Width	2.44 in (6.200 cm)
Package 1 Length	3.15 in (8.000 cm)
Package 1 Weight	1.376 oz (39.000 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	2.76 in (7.000 cm)
Package 2 Width	3.54 in (9.000 cm)
Package 2 Length	6.69 in (17.000 cm)
Package 2 Weight	15.097 oz (428.000 g)
Unit Type of Package 3	S03
Number of Units in Package 3	240
Package 3 Height	11.81 in (30.000 cm)
Package 3 Width	11.81 in (30.000 cm)
Package 3 Length	15.75 in (40.000 cm)
Package 3 Weight	23.314 lb(US) (10.575 kg)

Contractual warranty

Warranty	18 months

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Carbon footprint (kg CO2 eq, Total Life cycle)	1
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACh Regulation	REACh Declaration

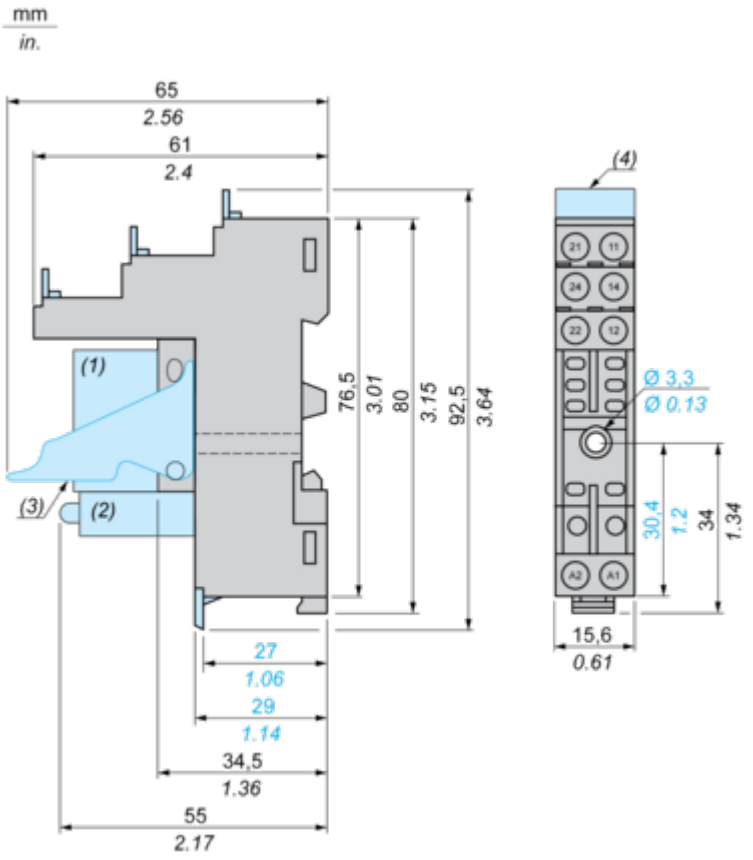
Use Again

Repack and remanufacture

Circularity Profile	No need of specific recycling operations
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings

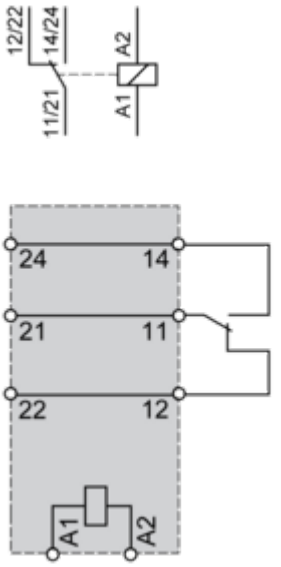
Dimensions



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

Connections and Schema

Wiring Diagram



(1) Terminals 11 and 21,14 and 24,12 and 22 must be linked for this references

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

Technical Illustration

Dimensions

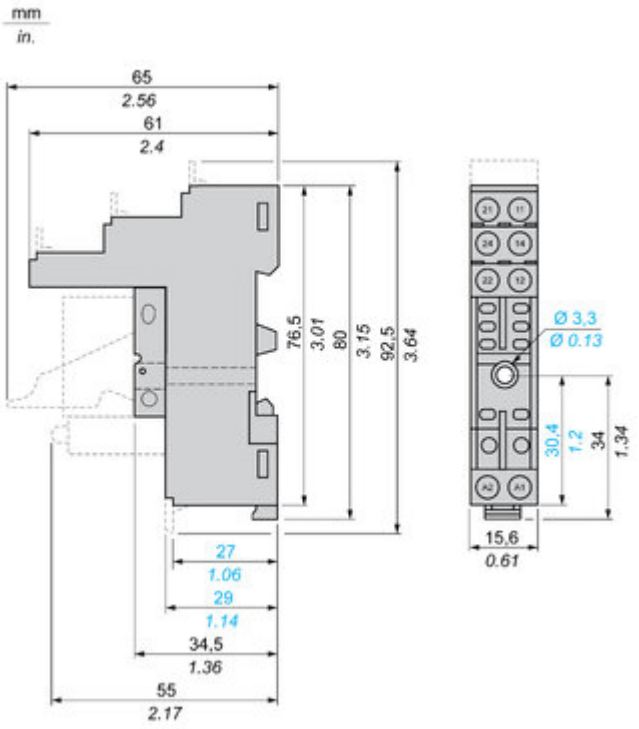
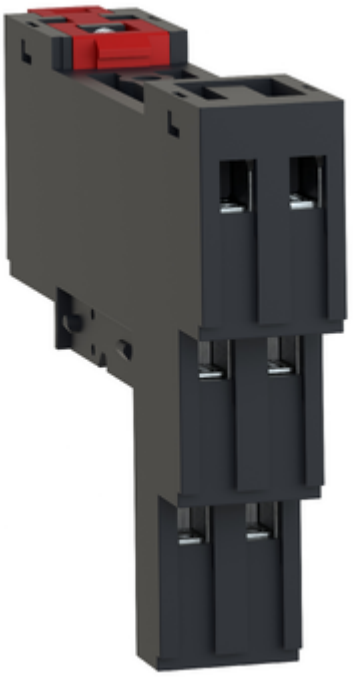


Image of product / Alternate images

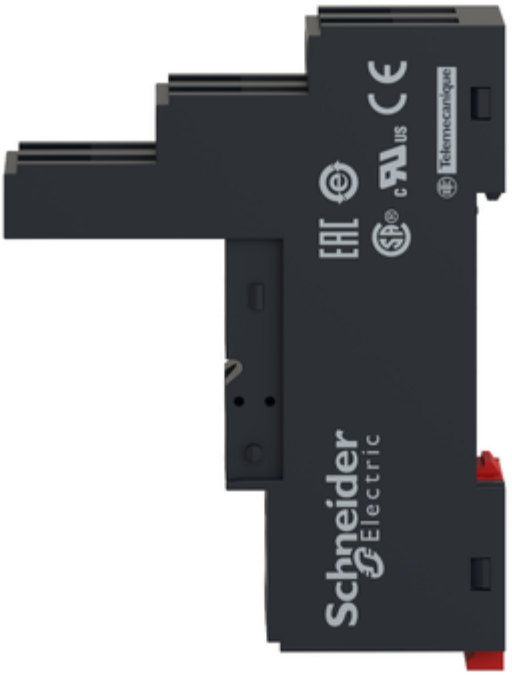
Alternative










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