Product datasheet

Specifications



Socket, mixed contact, 16 A, relay type RPM4, screw clamp terminals, 250 V AC

Local distributor code:

389835909 RPZF4

EAN Code: 3389119402316

Main

Range of product	Harmony Electromechanical Relays
Device short name	RPZ
Product or component type	Socket
Product compatibility	Plug-in relay RPM with 4 C/O contact
Contacts type and composition	4 C/O
[Ith] conventional free air thermal current	16 A
[Ue] rated operational voltage	< 250 V

Complementary

Shape of pin	Flat
Contact terminal arrangement	Mixed
Tightening torque	< 1 N.m for M3.5 screw(s)
Fixing mode	By screw (panel) Clip-on (35 mm symmetrical DIN rail)
[Uimp] rated impulse withstand voltage	4 kV
Overvoltage category	III
Pollution degree	3
Sale per indivisible quantity	10
Width	50 mm
Net weight	0.094 kg

Environment

Connections - terminals	- screw clamp terminals, flexible cable with cable end 1 x 0.5...1 x 2.5 mm² / 20 AWG...14 AWG - screw clamp terminals, solid cable without cable end 1 x 0.5...1 x 1.5 mm² / 20 AWG...16 AWG - screw clamp terminals, flexible cable with cable end 2 x 0.5...2 x 2.5 mm² / 20 AWG...14 AWG - screw clamp terminals, solid cable without cable end 2 x 0.5...2 x 1.5 mm² / 20 AWG...16 AWG
IP degree of protection	IP20 conforming to IEC 60529
Dielectric strength	2500 V
Standards	IEC 61984
Product certifications	UL CSA
Marking	CE

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

Ambient air temperature for storage	-40…85 °C
Ambient air temperature for operation	-40…55 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.000 cm
Package 1 Width	5.000 cm
Package 1 Length	8.500 cm
Package 1 Weight	96.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	6.400 cm
Package 2 Width	8.500 cm
Package 2 Length	25.400 cm
Package 2 Weight	1.012 kg
Unit Type of Package 3	S03
Number of Units in Package 3	110
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	11.645 kg

Logistical informations

Country of origin	CN

Contractual warranty

Warranty (in months)	18

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

Total lifecycle Carbon footprint	**0.9 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**0.9 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**0 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0 kg CO2 eq.**
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	Compliant
REACh Regulation	Free of Substances of Very High Concern above the threshold

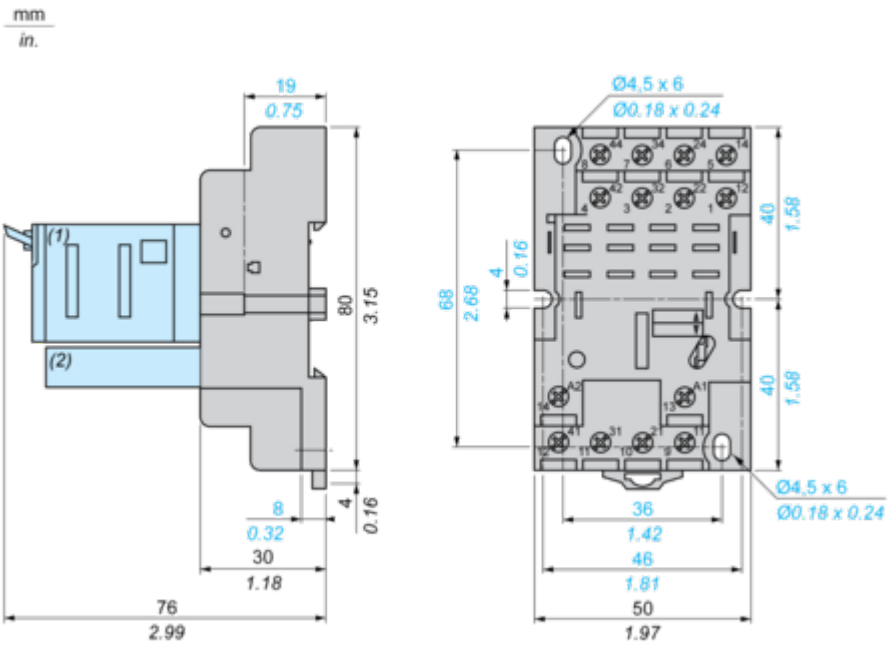
Use Again

Repack and remanufacture

Recyclability potential, in %	**37**
End of life manual availability	**No need of specific recycling operations**
Take-back	**No**

Dimensions Drawings

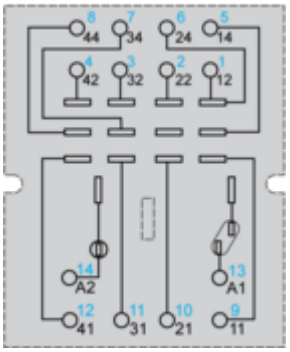
Dimensions



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

Connections and Schema

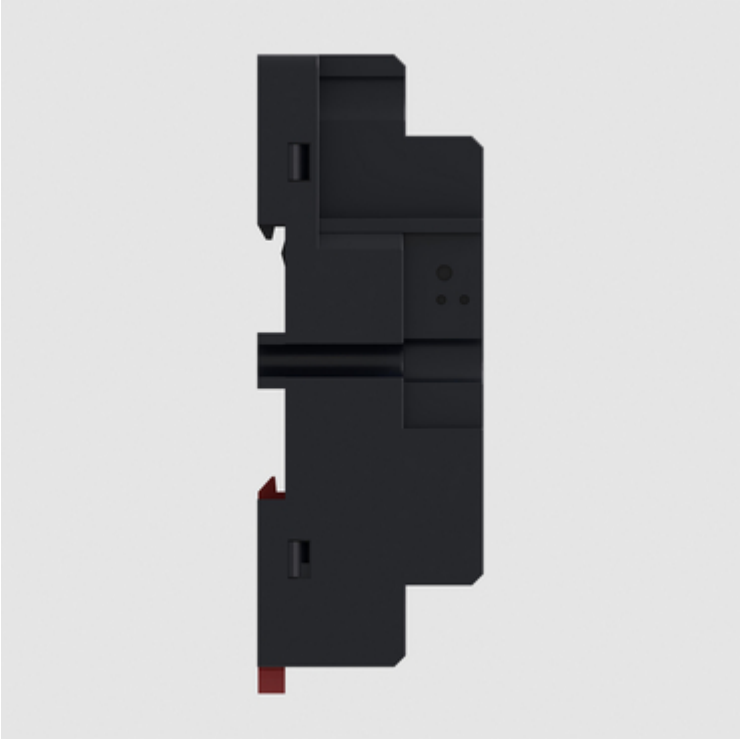
Wiring Diagram



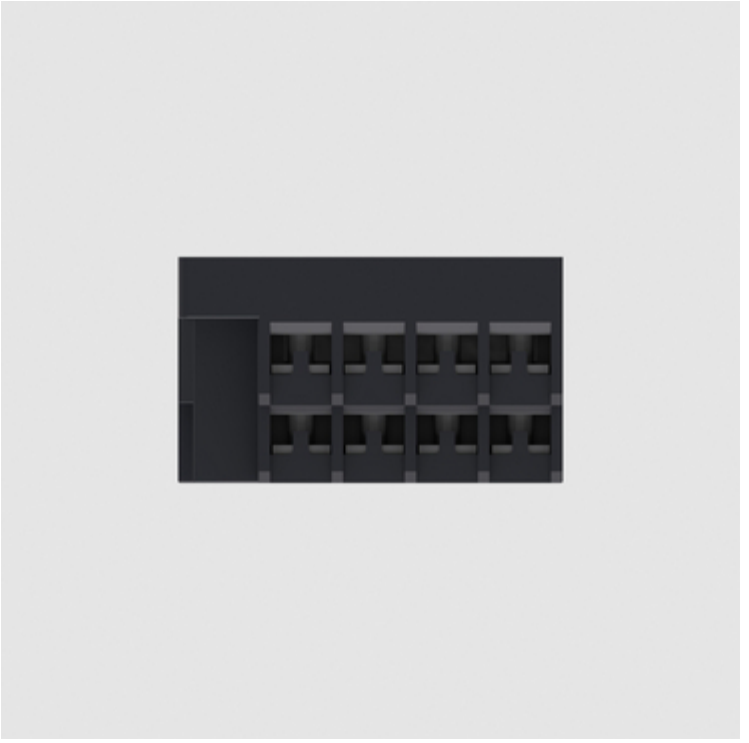
Symbols shown in blue correspond to Nema marking.

Image of product / Alternate images

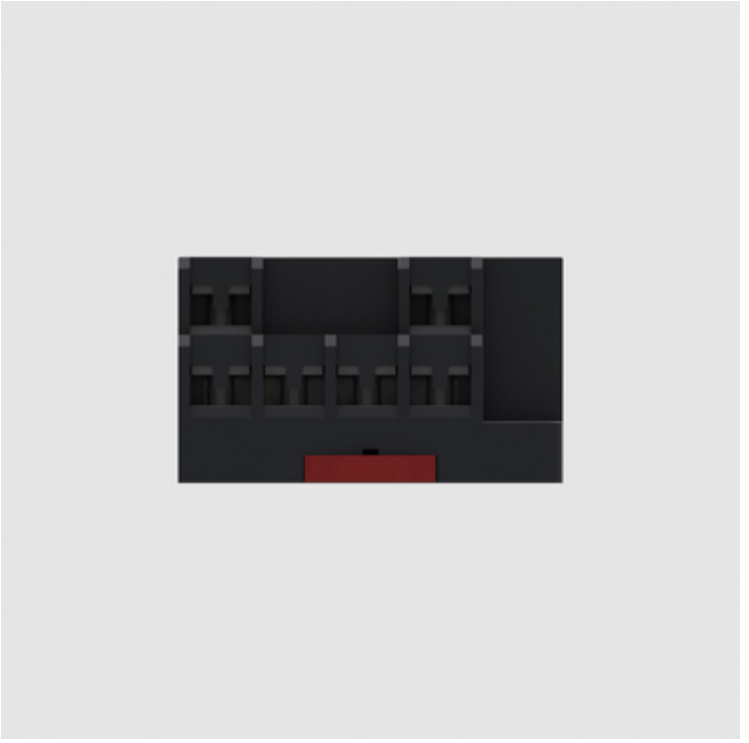
Alternative












10A 300V
20A TOTAL
LOAD
Made in China
UK
CA
Schneider
Electric
RPZF4
16A 230V

Image of product in real life situation

