

Product data sheet

Specifications



socket, Harmony Electromechanical Relays, for RPM3 power relays, 16A screw clamp terminals, mixed contact

RPZF3

Main

Range of product	Harmony Electromechanical Relays
Device short name	RPZ
Product or component type	Socket
Product compatibility	Plug-in relay RPM with 3 C/O contact
Contacts type and composition	3 C/O
[I _{th}] conventional free air thermal current	16 A
[U _e] 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)
[U _{imp}] rated impulse withstand voltage	4 kV
Overvoltage category	III
Pollution degree	3
Sale per indivisible quantity	10
Width	40 mm
Net weight	0.072 kg

Environment

Connections - terminals	<ul style="list-style-type: none">- screw clamp terminals, flexible cable with cable end 1 x 0.5...1 x 2.5 mm² / AWG 20...AWG 14- screw clamp terminals, solid cable without cable end 1 x 0.5...1 x 1.5 mm² / AWG 20...AWG 16- screw clamp terminals, flexible cable with cable end 2 x 0.5...2 x 2.5 mm² / AWG 20...AWG 14- screw clamp terminals, solid cable without cable end 2 x 0.5...2 x 1.5 mm² / AWG 20...AWG 16
IP degree of protection	IP20 conforming to IEC 60529
Dielectric strength	2500 V
Standards	IEC 61984
Product certifications	CSA UL
Marking	CE

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

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	3.0 cm
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Package 1 Width	4.0 cm
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Package 1 Length	8.5 cm
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Package 1 Weight	77.0 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	6.3 cm
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Package 2 Width	12 cm
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Package 2 Length	20.2 cm
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Package 2 Weight	770 g
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Unit Type of Package 3	S03
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Number of Units in Package 3	150
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Package 3 Height	30 cm
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Package 3 Width	30 cm
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Package 3 Length	40 cm
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Package 3 Weight	12.45 kg
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Contractual warranty

Warranty	18 months
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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 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](#)

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

Use Again

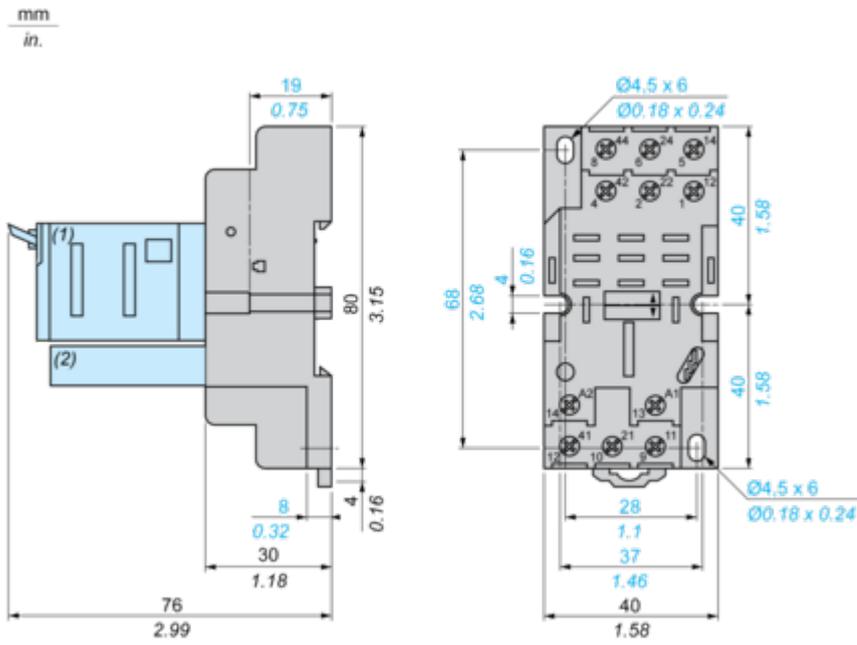
Repack and remanufacture

End of life manual availability No need of specific recycling operations

Take-back No

Dimensions Drawings

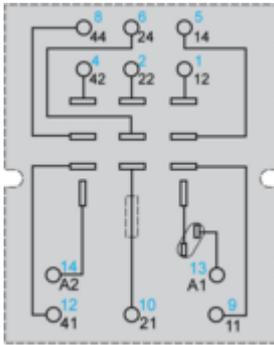
Dimensions



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

Connections and Schema

Wiring Diagram



Symbols shown in blue correspond to Nema marking.

Technical Illustration

Dimensions

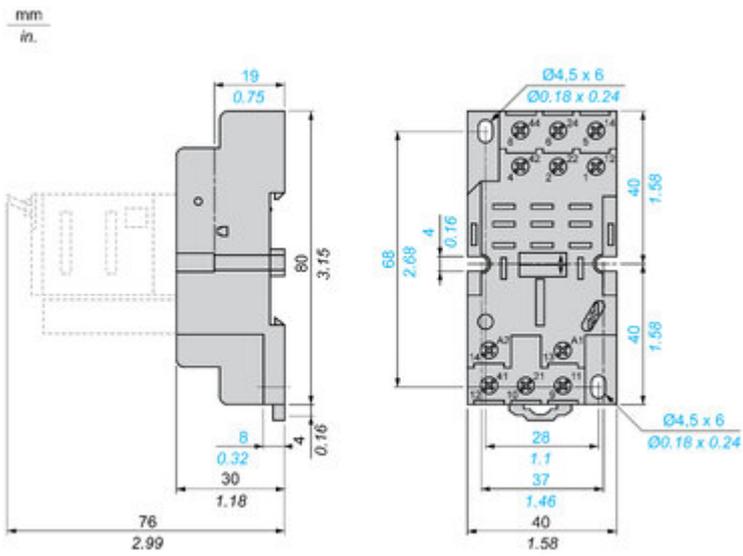


Image of product in real life situation

