Product data sheet

Specifications

Harmony, plugin relay socket, mixed contact, 16 A, 250 V, screw clamp, for RPM1 relays

RPZF1

Main

Range of product	Harmony Electromechanical Relays
Device short name	RPZ
Product or component type	Socket
Product compatibility	Plug-in relay RPM with 1 C/O contact
Contacts type and composition	1 C/O
[Ith] conventional free air thermal current	16 A
[Ue] rated operational voltage	250 V

Complementary

Contact terminal arrangement	Mixed
Tightening torque	< 1 N.m for M3.5 screw(s) < 0.8 N.m for M3 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
Net weight	0.031 kg

Environment

Connections - terminals	Contact terminal - screw clamp terminals, 2 wires solid cable without cable end 0.5...4 mm² / AWG 20...AWG 12 Contact terminal - screw clamp terminals, 1 wire solid cable without cable end 0.5...4 mm² / AWG 20...AWG 12 Contact terminal - screw clamp terminals, 2 wires flexible cable with cable end 0.5...2.5 mm² / AWG 20...AWG 14 Contact terminal - screw clamp terminals, 1 wire flexible cable with cable end 0.5...2.5 mm² / AWG 20...AWG 14 Coil terminal - screw clamp terminals, 2 wires solid cable without cable end 0.5...2.5 mm² / AWG 20...AWG 14 Coil terminal - screw clamp terminals, 1 wire solid cable without cable end 0.5...2.5 mm² / AWG 20...AWG 14 Coil terminal - screw clamp terminals, 2 wires flexible cable with cable end 0.5...1.5 mm² / AWG 20...AWG 16 Coil terminal - screw clamp terminals, 1 wire flexible cable with cable end 0.5...1.5 mm² / AWG 20...AWG 16
IP degree of protection	IP20 conforming to IEC 60529
Dielectric strength	2500 V
Standards	IEC 61984 CSA C22.2 No 14 UL 508

Product certifications	CSA UL EAC 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
Number of Units in Package 1	1
Package 1 Height	3 cm
Package 1 Width	2.1 cm
Package 1 Length	8.5 cm
Package 1 Weight	30 g
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	6.5 cm
Package 2 Width	9 cm
Package 2 Length	10.7 cm
Package 2 Weight	335 g
Unit Type of Package 3	S03
Number of Units in Package 3	240
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	8.593 kg

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

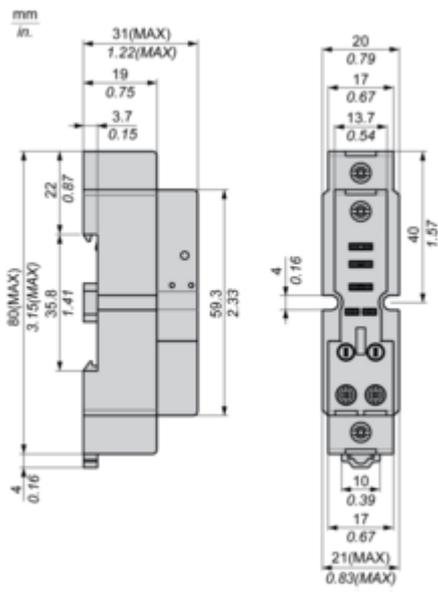|	
Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
EU RoHS Directive	**Pro-active compliance (Product out of EU RoHS legal scope)**
REACh Regulation	**REACh Declaration**
California proposition 65	**WARNING: This product can expose you to chemicals including: 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

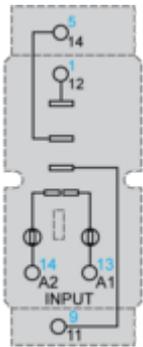|	
End of life manual availability	**No need of specific recycling operations**
Take-back	**No**

Dimensions Drawings

Dimensions

Connections and Schema

Wiring Diagram

Symbols shown in blue correspond to Nema marking.
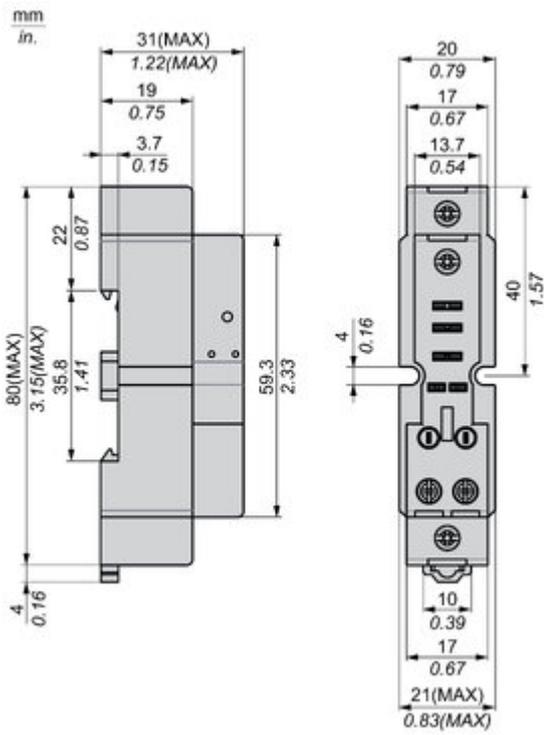
Technical Illustration

Dimensions

Image of product / Alternate images

Alternative

Image of product in real life situation