

# RPZF1

socket, Harmony Electromechanical Relays,  
for RPM1 power relays, 16A screw clamp  
terminals, mixed contact



## 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
[I <sub>th</sub> ] conventional free air thermal current	16 A
[U <sub>e</sub> ] 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)
[U <sub>imp</sub> ] 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 mm <sup>2</sup> / AWG 20...AWG 12 Contact terminal - screw clamp terminals, 1 wire solid cable without cable end 0.5...4 mm <sup>2</sup> / AWG 20...AWG 12 Contact terminal - screw clamp terminals, 2 wires flexible cable with cable end 0.5...2.5 mm <sup>2</sup> / AWG 20...AWG 14 Contact terminal - screw clamp terminals, 1 wire flexible cable with cable end 0.5...2.5 mm <sup>2</sup> / AWG 20...AWG 14 Coil terminal - screw clamp terminals, 2 wires solid cable without cable end 0.5...2.5 mm <sup>2</sup> / AWG 20...AWG 14 Coil terminal - screw clamp terminals, 1 wire solid cable without cable end 0.5...2.5 mm <sup>2</sup> / AWG 20...AWG 14 Coil terminal - screw clamp terminals, 2 wires flexible cable with cable end 0.5...1.5 mm <sup>2</sup> / AWG 20...AWG 16 Coil terminal - screw clamp terminals, 1 wire flexible cable with cable end 0.5...1.5 mm <sup>2</sup> / 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[RETURN]UL[RETURN]EAC[RETURN]CE
Ambient air temperature for storage	-40...85 °C
Ambient air temperature for operation	-40...55 °C

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## 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

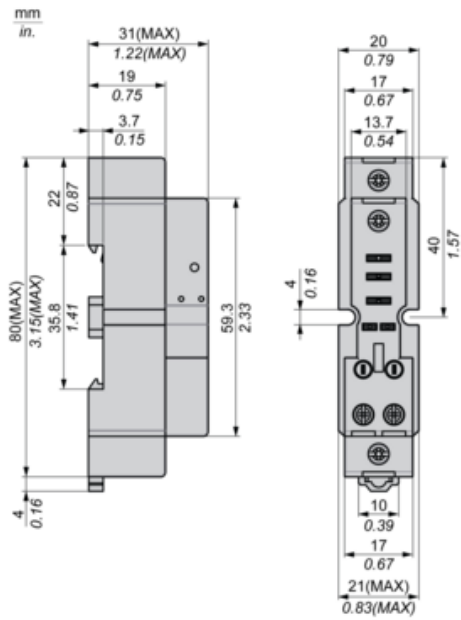
## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	No need of specific recycling operations
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

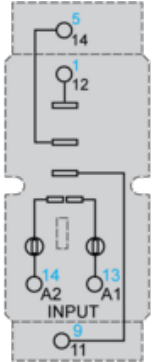
## Contractual warranty

Warranty	18 months
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Dimensions



## Wiring Diagram



Symbols shown in blue correspond to Nema marking.