

Product data sheet

Specifications



Socket, Harmony, for RPM1 power relays, 16A screw clamp terminals, mixed contact

RPZF1

Main

Range of product	Harmony Electromechanical Relays
Product or component type	Socket
Contact terminal arrangement	Mixed
Product compatibility	Plug-in relay RPM with 1 C/O contact
Device short name	RPZ

Complementary

[Ith] conventional free air thermal current	16 A
[Ue] rated operational voltage	250 V
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)
Net weight	0.031 kg
[Uimp] rated impulse withstand voltage	4 kV
Overvoltage category	III
Pollution degree	3

Environment

Connections - terminals	Contact terminal - screw clamp terminals, 2 wires solid cable without cable end 0.5...4 mm ² / AWG 20...AWG 12 Contact terminal - screw clamp terminals, 1 wire solid cable without cable end 0.5...4 mm ² / AWG 20...AWG 12 Contact terminal - screw clamp terminals, 2 wires flexible cable with cable end 0.5...2.5 mm ² / AWG 20...AWG 14 Contact terminal - screw clamp terminals, 1 wire flexible cable with cable end 0.5...2.5 mm ² / AWG 20...AWG 14 Coil terminal - screw clamp terminals, 2 wires solid cable without cable end 0.5...2.5 mm ² / AWG 20...AWG 14 Coil terminal - screw clamp terminals, 1 wire solid cable without cable end 0.5...2.5 mm ² / AWG 20...AWG 14 Coil terminal - screw clamp terminals, 2 wires flexible cable with cable end 0.5...1.5 mm ² / AWG 20...AWG 16 Coil terminal - screw clamp terminals, 1 wire flexible cable with cable end 0.5...1.5 mm ² / AWG 20...AWG 16
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

IP degree of protection IP20 conforming to EN/IEC 60529

Dielectric strength 2500 V

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 [REACH Declaration](#)

REACH free of SVHC Yes

EU RoHS Directive Pro-active compliance (Product out of EU RoHS legal scope)
[EU RoHS Declaration](#)

Toxic heavy metal free Yes

Mercury free Yes

China RoHS Regulation [China RoHS declaration](#)

RoHS exemption information [Yes](#)

Environmental Disclosure [Product Environmental Profile](#)

WEEE The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

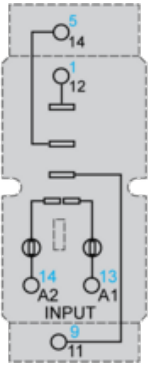
California proposition 65 WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Contractual warranty

Warranty

18 months

Wiring Diagram



Symbols shown in blue correspond to Nema marking.

Recommended replacement(s)