Product data sheet
Characteristics

RPZF3
socket, Harmony Electromechanical Relays, for RPM3 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 3 C/O contact
Contacts type and composition	3 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	40 Mm
Net weight	0.072 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 AW - 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 AW
IP degree of protection	IP20 conforming to IEC 60529
Dielectric strength	2500 V
Standards	IEC 61984
Product certifications	CSA[RETURN]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
Number of Units in Package 1	1
Package 1 Height	3.0 Cm
Package 1 Width	4.0 Cm
Package 1 Length	8.5 Cm
Package 1 Weight	77.0 G
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	6.3 Cm
Package 2 Width	12 Cm
Package 2 Length	20.2 Cm
Package 2 Weight	770 G
Unit Type of Package 3	S03
Number of Units in Package 3	150
Package 3 Height	30 Cm
Package 3 Width	30 Cm
Package 3 Length	40 Cm
Package 3 Weight	12.45 Kg

Offer Sustainability

Recyclability potential, in %	37
Total lifecycle Carbon footprint	0.8 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.7401683483
Carbon footprint of the manufacturing phase [A1 to A3]	0.7 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.0099347985
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.0005904735
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	0 kg CO2 eq.
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	0.0073793634
Carbon footprint of the end-of-life phase [C1 to C4]	0 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	1
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
REACh Regulation	Free of Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
California proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is know
End of life manual availability	No need of specific recycling operations
Take-back	No

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised