



Main

Range of Product	Harmony Relay
Product or Component Type	Plug-in relay
Device short name	RHN
Contacts type and composition	4 C/O
Contact operation	Instantaneous Low level
[Uc] control circuit voltage	24 V DC
[Ithe] conventional enclosed thermal current	1 A 104 °F (40 °C)
Status LED	Without
Control Type	Manual control
Coil interference suppression	Without

Complementary

[Ui] rated insulation voltage	250 V
Test levels	Level A
Operating position	Any position
Minimum switching capacity	50 mVA 1 mA 50 mVA, 1 V
Contact bounce time	<= 10 ms
Maximum voltage drop	<100 V for 3 A at 24 V
Average resistance	30 mOhm 68 °F (20 °C)
Average coil consumption	1.6 W 68 °F (20 °C)
Control circuit voltage limits	0.8...1.1 Uc IEC 60255
Drop-out voltage threshold	0.1...0.3 Uc
Time constant	12 Ms open 15 ms closed
Mechanical durability	20000000 cycles
Maximum operating rate	6 cyc/mn
Operating time	1...4 ms energisation/de-energisation 1.2...4 ms de-energisation/energisation 10...20 ms between energisation of coil and closing of NO contact 68 °F (20 °C) 2...7 ms between de-energisation of coil and closing of NC contact 68 °F (20 °C)
CAD overall width	1.30 in (33 mm)
CAD overall height	1.69 in (43 mm)
CAD overall depth	2.13 in (54 mm)
Terminals description ISO n°1	(41-42-44)OC (21-22-24)OC (A1-A2)CO (31-32-34)OC (11-12-14)OC
Net Weight	0.20 lb(US) (0.09 kg)
Compatibility code	RHN

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Environment

Standards	NF C 45-250 BS 4794 VDE 0435 IEC 60255
Product Certifications	EDF USSR BV CSA UR ASE
Protective treatment	TC
Dielectric strength	2500 V
Ambient air temperature for operation	23...104 °F (-5...40 °C) IEC 60255
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Vibration resistance	6 gn 10...55 Hz)IEC 60068-2-6 6 gn 10...55 Hz)NF C 20-616
Shock resistance	50 gn 11 ms NF C 20-608

Ordering and shipping details

Category	18073 - SPARE PARTS DISCOUNT I
Discount Schedule	CP2
GTIN	3389110163056
Nbr. of units in pkg.	1
Package weight(Lbs)	3.32 oz (94 g)
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.97 in (5 cm)
Package 1 width	2.17 in (5.5 cm)
Package 1 Length	2.95 in (7.5 cm)
Unit Type of Package 2	S01
Number of Units in Package 2	16
Package 2 Weight	3.88 lb(US) (1.761 kg)
Package 2 Height	5.91 in (15 cm)
Package 2 width	5.91 in (15 cm)
Package 2 Length	15.75 in (40 cm)

Offer Sustainability

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
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
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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