Product data sheet

Specifications



Industrial measurement and relay, Harmony relay, plug-in liquid level control relay RM84, 8 pins, 24V AC, 1 C/O

RM84870301

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Harmony Relay
Relay Type	Plug-in liquid level control relay
Product or Component Type	Industrial measurement and control relays
Relay name	RM84870
Relay monitored parameters	Detection by resistive probes
power consumption	3 VA

Complementary

Pin number	8
Voltage range	0.85...1.15 x Un
Maximum electrode voltage	24 V AC 50/60 Hz
Maximum electrode current	1 mA 50/60 Hz
Measurement accuracy	0...30 %
Maximum cable capacity	0 mF
Response time	300 ms high level 500 ms low level
Contacts type and composition	1 C/O relay output, AgCdO 1 C/O
Maximum output current	8 mA AC AC-1 resistive
Isolation voltage	2500 V AC contacts and electrodes from the supply
Sensitivity scale	5...100 kOhm
Width	1.5 in (39 mm)

Environment

Product Certifications	CSA cULus
Ambient Air Temperature for Storage	-22…158 °F (-30…70 °C)
Ambient air temperature for operation	-4…140 °F (-20…60 °C)

Ordering and shipping details

Category	US10CP222370
Discount Schedule	0CP2

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

GTIN	3389110282382
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.362 in (6.000 cm)
Package 1 Width	3.701 in (9.400 cm)
Package 1 Length	5.315 in (13.500 cm)
Package weight(Lbs)	6.063 oz (171.900 g)
Unit Type of Package 2	S03
Number of Units in Package 2	36
Package 2 Height	11.8 in (30 cm)
Package 2 Width	11.8 in (30 cm)
Package 2 Length	15.7 in (40 cm)
Package 2 Weight	14.676 lb(US) (6.657 kg)

Contractual warranty

Warranty (in months)	18

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 >

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
EU RoHS Directive	**Compliant By Exemption**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**
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

Take-back	**No**