

Harmony timer relay, star-delta function, 220...240V AC, 1NO + 1NO

RE10RQM7N

Main

Range of product	Harmony Timer Relays
Discrete output type	Relay
Product or component type	Modular timing relay
Time delay type	Q
Time delay range	2120 s
[Us] rated supply voltage	240 V AC 50/60 Hz
Nominal output current	5 A

Complementary

1 NO + 1 NO	
17.5 mm	
Selector switch front panel	
5 A 250 V AC-1 conforming to IEC 60947-5-1 5 A 28 V DC-1 conforming to IEC 60947-5-1 1.5 A 240 V AC-15 conforming to IEC 60947-5-1 2 A 24 V DC-13 conforming to IEC 60947-5-1	
0.81.1 Un	
Screw connectors, 2 x 0.52 x 1.5 mm² (AWG 22AWG 16) solid with or without cable end	
Polycarbonate	
+/- 0.5 %	
+/- 10 % of full scale at 25 °C	
100 ms on de-energisation	
8 VA at 240 V	
100000 cycles at 5 A, 250 V for resistive load	
5000000 cycles	
5 kV for 1.250 μs	
CULus CE CCC UKCA	
35 mm symmetrical mounting rail	
LED indicator red, steady for ST (status)	
75 g	

Compatibility code	RE10
Height	58.5 mm
Width	18 mm
Depth	90 mm
Function available	Q-Star-delta relay (2 NO outputs with same common)-1 NO + 1 NO
Number of functions	1

Environment

Dielectric strength	2.5 kV for 1 mA/1 minute at 50 Hz	
Standards	IEC 61812-1	
Product certifications	cULus CE CCC UKCA	
Ambient air temperature for storage	-2060 °C	
Ambient air temperature for operation	-1055 °C	
IP degree of protection	IP20 terminals: IP40 casing:	
Vibration resistance	0.15 mm (f= 10150 Hz)	
Relative humidity	1095 % without condensation	
Electromagnetic compatibility	Electrostatic discharge immunity test - test level: 6 kV level 3 (contact discharge) conforming to IEC 61000-4-2 Electrostatic discharge immunity test - test level: 8 kV level 3 (air discharge) conforming to IEC 61000-4-2 Fast transients immunity test - test level: 2 kV level 3 conforming to IEC 61000-4-4	

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.500 cm
Package 1 Width	6.500 cm
Package 1 Length	11.000 cm
Package 1 Weight	77.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	48
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	4.350 kg



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 >

☑ Environmental footprint		
Total lifecycle Carbon footprint	49	

Use Better

EU RoHS Directive	Compliant with Exemptions
REACh Regulation	REACh Declaration

Use Again

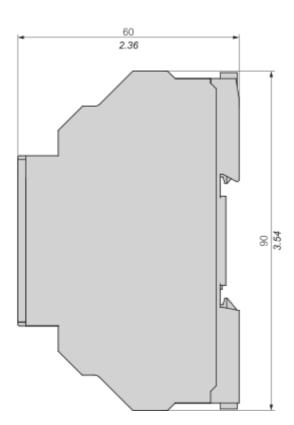
○ Repack and remanufacture	
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings

Dimensions





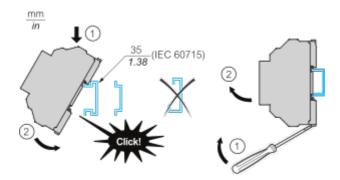


Product datasheet

RE10RQM7N

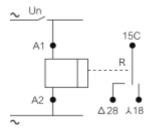
Mounting and Clearance

Mounting



Connections and Schema

Wiring



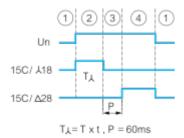
NOTE:

- Use copper conductors only
- TORQUE: 0.5...0.7 N.m (4.4...6.2 lbf.in)
- 0.31 2x (0.5...1.5mm² / 20...16AWG)

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Technical Description

Function Diagram



LED Indication Status 2 3 Pause time Power OFF Star Connection **Delta Connection** Star (RED OFF ON (Tt) OFF (60ms) OFF Delta (RED) OFF OFF OFF (60ms)

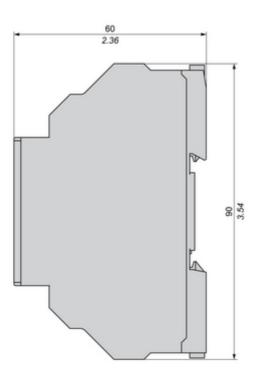
Star connection: Terminal 15–18 closed **Delta connection**: Terminal 15–28 closed

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Technical Illustration

Dimensions



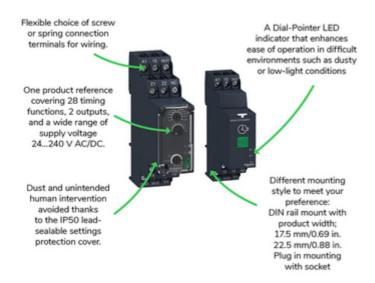


Offer Marketing Illustration

Product benefits / Features

Technical Benefits

Harmony Timer Relay



Offer Marketing Illustration

Product benefits / Features



Image of product / Alternate images

Alternative







