



Releu Control Tensiune Rm17-U - Interval 9 - 15 V C.C.

RM17UAS14

Principale

gama de produse	Harmony Control Relays
tip releu	Releu de control al tensiunii
Tip produs sau componenta	Voltage control relay
aplicatie specifica produsului	Pentru alimentare c.c. monofazica
nume releu	RM17UAS
parametri monitorizati ai releului	Detectare supratensiune sau subtensiune
time delay	Adjustable 0.1...10 s, 0 + 10 % Tt- time delay upon fault
capacitatea de comutare in VA	1250 VA
interval de masura	9...15 V c.c.
tip si compozitie contacte	1 C/O

Suplimentare

resetare timp	1500 ms temporizare
tensiunea maxima de comutatie	250 V c.a./c.c.
curentul minim de comutare	10 mA la 5 V c.c.
curent maxim de comutatie	5 A c.a./c.c.
limitele tensiunii de alimentare	7...20 V c.c.
consum de putere maxim in W	1 W c.c.
imunitate la microintreruperi	20 ms la 12 V
contacte de iesire	1 C/O
curent nominal de iesire	5 A
histerezis	5...20 % din setare prag
precizie de masurare	+/- 10 % din valoarea la capatul scarii
polaritate	Polaritate nereversibila pe sursa c.c.
delay at power up	1000 ms c.c.
precizie de repetare	+/- 0,5 % pentru circuit de intrare și măsură +/- 1 % pentru temporizare
eroare de masurare	< 1 % din întreaga gamă cu variație de tensiune 0.2 %/°C cu variația temperaturii
etichete privind calitatea	CE
rezistenta de izolatie	> 500 MΩ la 500 V c.c. conformitate cu IEC 60255-5 > 500 MΩ la 500 V c.c. conformitate cu SR EN 60664-1
pozitie de functionare	Orice pozitie fără declasare

Declinare de responsabilitate: Această documentație nu se substituie și nu trebuie utilizată pentru stabilirea adecvării sau fiabilității acestor produse pentru aplicații utilizator

semnalizare locala	LED (verde) for alimentat LED (galben) for relay ON
categorie de supratensiune	III conforming to SR EN 60664-1
[Ui] tensiune nominala de izolatie	250 V conformitate cu SR EN 60664-1 400 V conformitate cu SR EN 60664-1
conexiuni - borne	Borne cu surub, 1 x 0.5...1 x 4 mm² (AWG 20...AWG 11) solid fara terminale de cablu Borne cu surub, 3 x 0.5 - 2 x 2.5 mm² (AWG 20...AWG 14) solid fara terminale de cablu Borne cu surub, 1 x 0.2...2 x 2.5 mm² (AWG 24...AWG 12) flexibil cu pini Borne cu surub, 2 x 0.2 - 2 x 1.5 mm² (AWG 24 - AWG 16) flexibil cu pini
cuplu de strangere	0,6...1 N.m conformitate cu IEC 60947-1
material carcasa	Plastic cu autostingere
suport de montare	Sina DIN simetrica, 35 mm conformitate cu IEC 60715
Durabilitate electrica	100000 cic
durabilitate mecanica	30000000 cic
rata de operare	<= 360 acționări/oră sarcină nominală
categorie de utilizare	AC-12 conformitate cu SR EN 60947-5-1 AC-13 conformitate cu SR EN 60947-5-1 AC-14 conformitate cu SR EN 60947-5-1 AC-15 conformitate cu SR EN 60947-5-1 DC-12 conformitate cu SR EN 60947-5-1 DC-13 conformitate cu SR EN 60947-5-1 DC-14 conformitate cu SR EN 60947-5-1
[Un] rated nominal voltage	self-powered
tip de control	Without test button
latime	17,5 mm
greutate neta	0,08 kg

Mediu

compatibilitate electromagnetica	Emisii standard pentru mediul industrial conforming to IEC 61000-6-4 Emisii standard pentru mediul rezidențial, comercial și ușor industrial conforming to IEC 61000-6-3 Imunitate pentru medii industriale conforming to NF EN/IEC 61000-6-2
temperatura ambientala de utilizare	-20...50 °C
rezistenta la vibratii	0.35 mm (f= 5...57,6 Hz) conforming to IEC 60068-2-6 1 gn (f= 57,6...150 Hz) conforming to IEC 60255-21-1
rezistenta la socuri	5 gn conformitate cu IEC 60068-2-27
standarde	IEC 60255-6
certificari produs	CSA C-Tick GL UL GOST
temperatura ambietala pentru depozitare	-40...70 °C
umiditate relativa	95 % la 55 °C conformitate cu IEC 60068-2-30
grad de protectie IP	IP20 conformitate cu SR EN 60529 (borne) IP30 conformitate cu SR EN 60529 (carcasă)
grad de poluare	3 conformitate cu SR EN 60664-1
directive	73/23/EEC - directiva joasa tensiune 89/336/EEC - electromagnetic compatibility
tensiune de incercare	2 kV c.a. 50 Hz, 1 min. conformitate cu IEC 60255-5 2 kV c.a. 50 Hz, 1 min. conformitate cu SR EN 60664-1

unda de soc nedisipativa	4 kV conformitate cu IEC 60255-5
	4 kV conformitate cu SR EN 60664-1
	4 kV conformitate cu IEC 61000-4-5

Unitati de ambalare

Unitate de masura pentru prima forma de impachetare	PCE
Număr de produse în pachet	1
Inaltime prima forma de impachetare	2,600 cm
Latime prima forma de impachetare	8,000 cm
Lungime prima forma de impachetare	9,600 cm
Greutate colet(Lbs)	85,900 g
Unitate de masura pentru a doua forma de impachetare	S02
Numar unitati in a doua forma de impachetare	48
Inaltime a doua forma de impachetare	15,000 cm
Latime a doua forma de impachetare	30,000 cm
Lungime a doua forma de impachetare	40,000 cm
Greutate a doua forma de impachetare	4,492 kg

Garanție contractuală

Garantie	18 months
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Environmental Data

Schneider Electric isi propune sa atinga nivelul Net Zero pana in 2050 prin parteneriate la nivelul lantului de aprovizionare, materiale cu impact mai redus si circularitate, prin campania „Use Better, Use Longer, Use Again” pentru a extinde durata de viata a produselor si reciclabilitatea.

Environmental Data explicate >

Cum evaluam sustenabilitatea produselor >

Amprenta de mediu

Amprenta de carbon totala pe durata de viata	23
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Use Better

Materiale si ambalare

Pachet cu carton reciclabil	Da
Ambalaj fara plastic	Da
Directiva RoHS UE	Conformitate proactivă (Produs în afara domeniului de aplicare a EU RoHS)
Numar SCIP	5e3fdf99-611b-4d07-ad17-6eba84ab488b
Regulamentul REACH	Declaratia REACH

Use Again

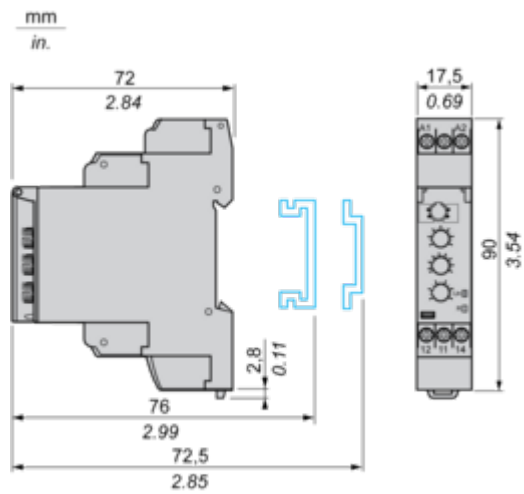
Reambalare si refabricare

Preluare la sfarsitul duratei de viata	Da
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Dimensions Drawings

Single-Phase and DC Voltage Control Relays

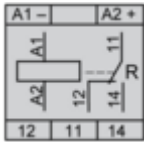
Dimensions and Mounting



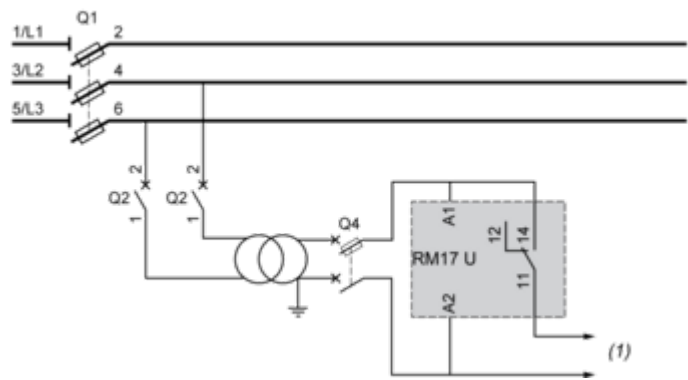
Connections and Schema

Single-Phase and DC Voltage Control Relays

Wiring Diagram



Application Scheme



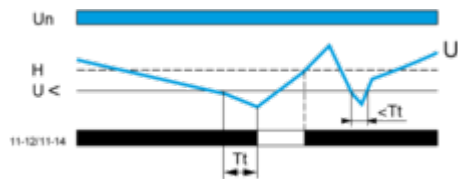
(1) To sensitive loads

Technical Description

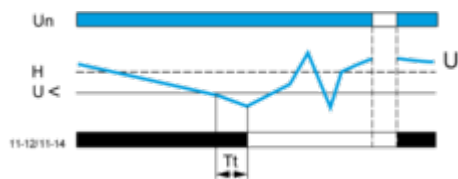
Function Diagrams

Undervoltage Control

Without memory ("No Memory" mode)

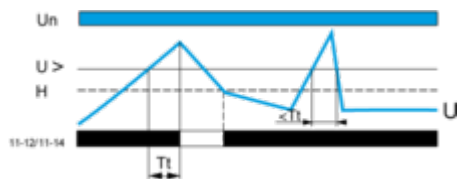


With memory ("Memory" mode)

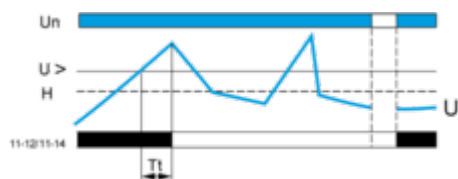


Overvoltage Control

Without memory ("No Memory" mode)



With memory ("Memory" mode)



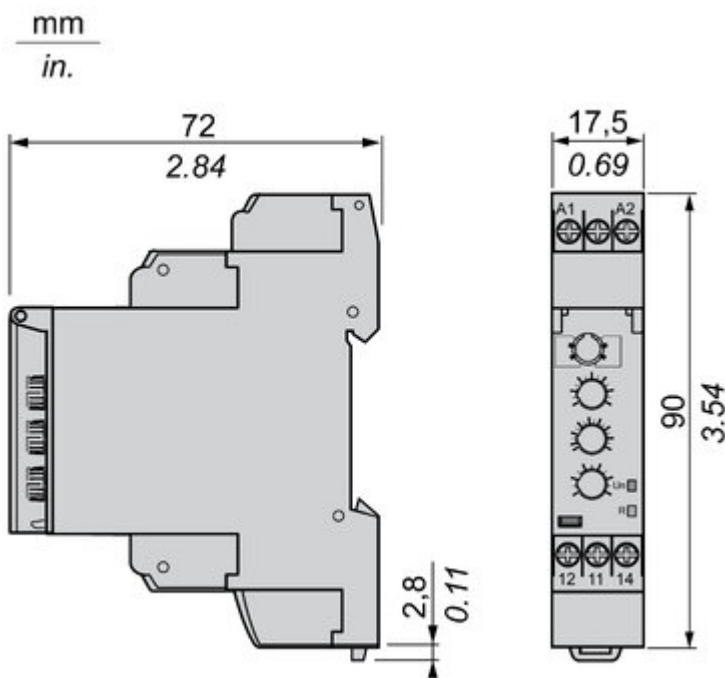
Legend

- T_t Time delay after crossing of threshold
- U_n Nominal supply voltage
- U Monitored supply voltage
- H Hysteresis
- $U >$ Overvoltage threshold
- $U <$ Undervoltage threshold
- 11-12, 11-14 Output relay connections (refer to Connections and Schema)
- Relay status: black color = energized.

NOTE: In "Memory" mode, the relay opens when crossing of the threshold is detected and then stays in that position. The power supply voltage must be switched off to reset the product.

Technical Illustration

Dimensions



Offer Marketing Illustration

Product benefits / Features

Features

Harmony Control Relay



Wide monitoring parameters (phase, current, voltage, liquid level, frequency, speed, temperature, and pump control) to meet your application needs.



Experience unprecedented accuracy, predictive maintenance, and superior security.



Compatible with a wide range of applications, such as hoisting, packaging, lifts, textile, pumping, and water.



True RMS measurement that minimizes the possibility of unexpected trips from highly polluted networks (except RM17TG and RM22TG)



Green Premium labelled products, promising compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ product



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4 nov. 2025

Offer Marketing Illustration

Product benefits / Features

Technical Benefits
Harmony Control Relay

Compliant with IEC 60255-1 standard, and a wide array of product certifications such as UL, CE, CSA, EAC.

Dust and unintended human intervention avoided thanks to the IP50 lead-sealable settings protection cover.

Different product width to meet your needs:
17.5 mm/0.69 in.,
22.5 mm/0.88 in.,
35 mm/1.38 in.

Diagnostic button to check downstream circuit immediately, shorten the commission and troubleshooting time

A Dial-Pointer LED indicator that enhances ease of operation in difficult enviroments such as dusty or low-light conditions



Offer Marketing Illustration

Product benefits / Features

Features

Harmony Timer Relay



"Diagnostic button" to check downstream circuit immediately, shorten the commission and troubleshooting time



Compatible with a wide range of applications including machines, buildings, water segments, and HVAC.



Wide range of time delay for adjustment: from 0.01 s to 999 hrs.



Compliant with IEC 60255-1 standard, and a wide array of product certifications such as UL, CE, CSA, EAC.

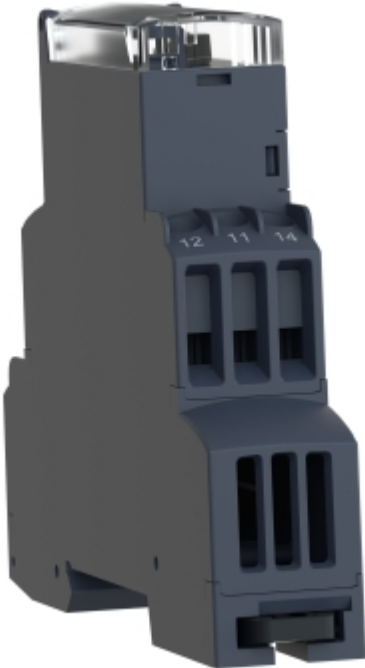


Unprecedented accuracy, predictive maintenance, and superior security.



Image of product / Alternate images

Alternative



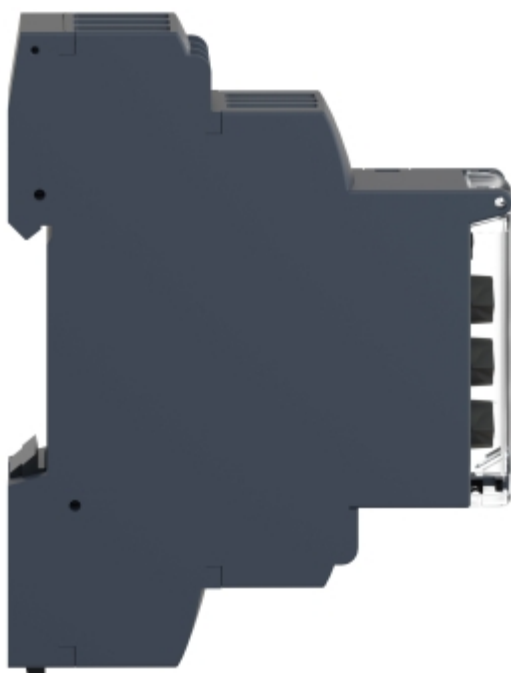




Image of product in real life situation

