



Galvenā

Produkta sērija	Harmony Control Relays
Relay type	Multifunction voltage control relay
Produkta vai sastāvdaļas veids	Voltage control relay
Relay name	RM35UA
Relay monitored parameters	Overvoltage or undervoltage detection
Time delay	Adjustable 0.3...30 s, 0 + 10 % Tt- time delay upon fault
Switching capacity in VA	1250 VA
Measurement range	15...600 V AC/DC
Kontaktligzdas tips	2 C/O

Papildinošs

Reset time	1500 ms time delay
Maximum switching voltage	250 V AC/DC
Minimum switching current	10 mA 5 V DC
Maximum switching current	5 A AC/DC
Operating voltage tolerance	- 15 % + 10 % Un
Supply voltage limits	20,4...264 V AC/DC
Power consumption in VA	0...3,5 VA AC
Maximum power consumption in W	0,6 W DC
Control circuit frequency	40...70 Hz +/- 10 %
Immunity to microbreaks	10 ms
Resistance across terminals	150 Mhm E1-M terminals 300 Mhm E2-M terminals 600 mhm E3-M terminals
Output contacts	2 C/O
Nominal output current	5 A
Hysteresis	5...50 % threshold setting
Mērījumu precizitāte	+/- 10 % of the full scale value
Polarity	Non reversible polarity on DC supply
Delay at power up	600 ms
Maximum measuring cycle	30 ms measurement cycle as true rms value
Repeat accuracy	+/- 0.5 % input and measurement circuit +/- 2 % time delay
Measurement error	+/- 0.05 %/°C with temperature variation < 1 % over the whole range with voltage variation
Sensitivity scale	15...150 V E1-M terminals 30...300 V E2-M terminals 60...600 V E3-M terminals
Threshold setting	10...100 %
Kvalitātes marķējums	CE
Insulation resistance	> 500 MOhm 500 V DC between supply and relay output IEC 60255-5 > 500 MOhm 500 V DC between measurement and relay output IEC 60664-1 > 1 MOhm 500 V DC between supply and measurement IEC 60255-5 > 500 MOhm 500 V DC between supply and relay output IEC 60664-1 > 500 MOhm 500 V DC between measurement and relay output IEC 60255-5 > 1 MOhm 500 V DC between supply and measurement IEC 60664-1

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Operating position	Any position without derating
Lokālā signalizēšana	Priekš barošana IESLĒGTA LED (zaļš) Priekš relay ON LED (dzeltens)
Overvoltage category	III IEC 60664-1
[U _i] rated insulation voltage	250 V IEC 60664-1 600 V IEC 60664-1
Connections - terminals	Skrūvju spaiļes, 1 x 0.5...1 x 4 mm ² AWG 20...AWG 11) ciets without cable end Skrūvju spaiļes, 2 x 0.5...2 x 2.5 mm ² AWG 20...AWG 14) ciets without cable end Skrūvju spaiļes, 1 x 0.2...2 x 2.5 mm ² AWG 24...AWG 12) elastīgs with cable end Skrūvju spaiļes, 2 x 0.2...2 x 1.5 mm ² AWG 24...AWG 16) elastīgs with cable end
Tightening torque	0,6...1 N.m IEC 60947-1
Korpusa materiāls	Self-extinguishing plastic
Montāžas stiprinājums	35 mm symmetrical DIN rail atbilst IEC 60715
Elektriskā izturība	100000 cikli
Mehāniskā izturība	30000000 cikli
Operating rate	<= 360 operations/hour full load
Utilisation category	AC-12 IEC 60947-5-1 AC-13 IEC 60947-5-1 AC-14 IEC 60947-5-1 AC-15 IEC 60947-5-1 DC-12 IEC 60947-5-1 DC-13 IEC 60947-5-1 DC-14 IEC 60947-5-1
[U _n] rated nominal voltage	24...240 V AC/DC 50/60 Hz, non self-powered
Safety reliability data	B10d = 290000 MTTFd = 308.2 years
Vadības veids	Without test button
Platums	35 mm
Neto svars	0,08 kg

Vide

Electromagnetic compatibility	Emission standard for industrial environments conforming to IEC 61000-6-4 Emission standard for residential, commercial and light-industrial environments conforming to IEC 61000-6-3 Immunity for industrial environments conforming to NF EN/IEC 61000-6-2
Ambient air temperature for operation	-20...50 °C
Vibration resistance	0.35 mm 5...57,6 Hz)IEC 60068-2-6 1 gn 57,6...150 Hz)IEC 60255-21-1
Shock resistance	5 gn IEC 60068-2-27
Standarti	IEC 60255-6
Produkta sertifikācija	GOST[RETURN]UL[RETURN]GL[RETURN]C-Tick[RETURN]CSA
Apkārtējā gaisa temperatūra uzglabāšanai	-40...70 °C
Relative humidity	95 % 55 °C IEC 60068-2-30
IP degree of protection	IP20 IEC 60529 terminals) IP30 IEC 60529 casing)
Pollution degree	3 IEC 60664-1
Direktīvas	73/23/EEC - low voltage directive 89/336/EEC - electromagnetic compatibility
Dielectric test voltage	2 kV AC 50 Hz, 1 min IEC 60255-5 2 kV AC 50 Hz, 1 min IEC 60664-1
Non-dissipating shock wave	4 kV IEC 60255-5 4 kV IEC 60664-1 4 kV IEC 61000-4-5

Iepakojšanas vienības

Pirmā iepakojuma vienības tips	PCE
Vienību skaits 1. iepakojumā	1
1. iepakojuma augstums	4,5 cm
1. iepakojuma platums	7,8 cm
1. iepakojuma garums	9,6 cm
1. iepakojuma svars	136,0 g
Otrā iepakojuma vienības tips	S03

Vienību skaits 2. iepakojumā	48
2. iepakojuma augstums	30,0 cm
2. iepakojuma platums	30,0 cm
2. iepakojuma garums	40,0 cm
2. iepakojuma svars	7,271 kg

Piedāvājiem ilgtspēju

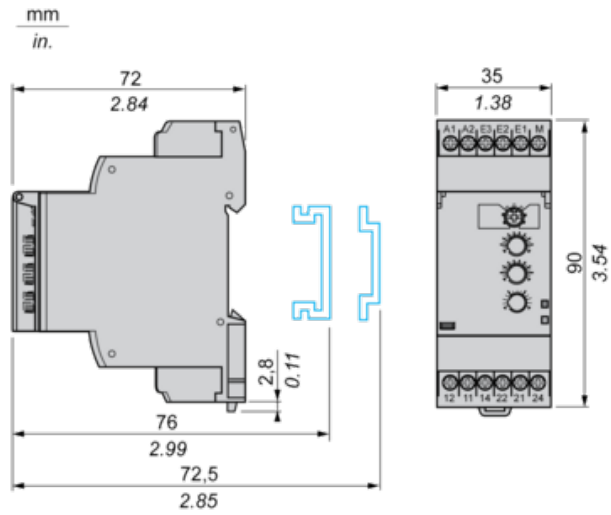
Ilgspējīgs piedāvājuma statuss	Green Premium izstrādājums
REACH regula	REACH Deklarācija
ES RoHS direktīva	Proaktīva atbilstība (uz izstrādājumu neattiecas ES RoHS juridiskās saistības)
Nesatur dzīvsudrabu	Jā
Ķīnas RoHS regula	Ķīnas RoHS Deklarācija
Informācija par RoHS izņēmumiem	Jā
Vides informācijas publicēšana	Produkta Ietekme Uz Vidi
Cirkularitātes profils	Informācija Par Eksploatācijas Izbeigšanu
WEEE	Eiropas Savienības tirgū no šī produkta ir jāatbrīvojas, ievērojot noteiktu atkritumu savākšanas kārtību, un produkts nedrīkst nonākt sadzīves atkritumu tvertnēs.

Līguma garantija

Garantija	18 months
-----------	-----------

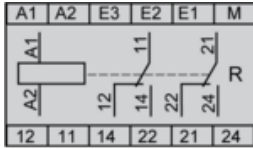
Multifunction Voltage Control Relays

Dimensions and Mounting



Multifunction Voltage Control Relays

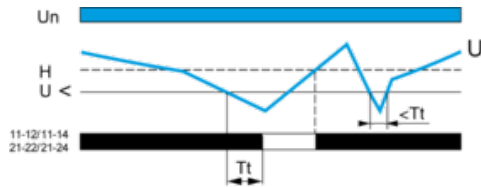
Wiring Diagram



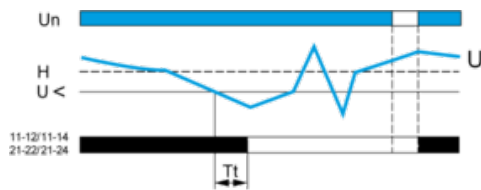
Function Diagrams

Undervoltage Control

Without memory ("No Memory" mode)

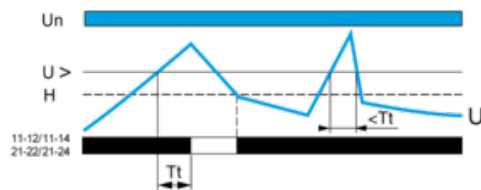


With memory ("Memory" mode)

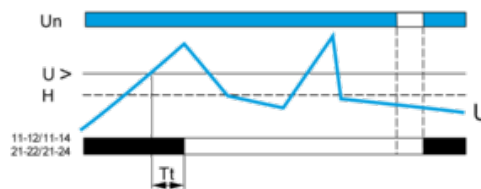


Overvoltage Control

Without memory ("No Memory" mode)



With memory ("Memory" mode)



Legend

Tt Time delay after crossing of threshold

Un Nominal supply voltage

U Monitored supply voltage

H Hysteresis

U> Overvoltage threshold

U< Undervoltage threshold

11-12/11-14, 21-22/21-24 Output relay connections

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.