

RM17UBE15

voltage control relay, Harmony Control Relays,
5A, 1CO, overvoltage and undervoltage
detection, 65...260V AC DC



Galvenā

Produkta sērija	Harmony Control Relays
Relay type	Voltage control relay
Produkta vai sastāvdaļas veids	Voltage control relay
Produkta specifiskais pielietojums	For single-phase and DC supply
Relay name	RM17UBE
Relay monitored parameters	Self-powered Overvoltage and undervoltage detection
Time delay	Adjustable 0.1...10 s, 0 + 10 % Tt- time delay upon fault
Switching capacity in VA	1250 VA
Measurement range	65...260 V AC/DC
Kontaktligzdas tips	1 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
Supply voltage limits	50...270 V AC/DC
Power consumption in VA	0...3 VA AC
Maximum power consumption in W	1 W DC
Control circuit frequency	50...60 Hz +/- 10 %
Immunity to microbreaks	20 ms
Output contacts	1 C/O
Nominal output current	5 A
Hysteresis	3 % fixed threshold setting
Mērījumu precizitāte	+/- 10 % of the full scale value
Polarity	Non reversible polarity on DC supply
Delay at power up	1000 Ms DC 500 ms AC
Maximum measuring cycle	150 ms measurement cycle as true rms value
Repeat accuracy	+/- 0.5 % input and measurement circuit +/- 1 % time delay
Measurement error	< 1 % over the whole range with voltage variation 0.2 %/°C with temperature variation
Kvalitātes marķējums	CE
Insulation resistance	> 500 MOhm 500 V DC IEC 60255-5 > 500 MOhm 500 V DC IEC 60664-1
Operating position	Any position without derating
Lokālā signalizēšana	Priekš barošana IESLĒGTA LED (zaļš) Priekš relay ON LED (dzeltens)
Overvoltage category	III IEC 60664-1
[Ui] rated insulation voltage	250 V IEC 60664-1 400 V IEC 60664-1

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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
[Un] rated nominal voltage	, self-powered
Safety reliability data	B10d = 470000 MTTFd = 502.2 years
Vadības veids	Without test button
Platums	17,5 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	UL[RETURN]GL[RETURN]GOST[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	2,800 cm
1. iepakojuma platums	7,800 cm
1. iepakojuma garums	9,700 cm
1. iepakojuma svars	81,000 g
Otrā iepakojuma vienības tips	S02
Vienību skaits 2. iepakojumā	48
2. iepakojuma augstums	15,000 cm
2. iepakojuma platums	30,000 cm
2. iepakojuma garums	40,000 cm
2. iepakojuma svars	4,408 kg

Piedāvājiel ilgtspēju

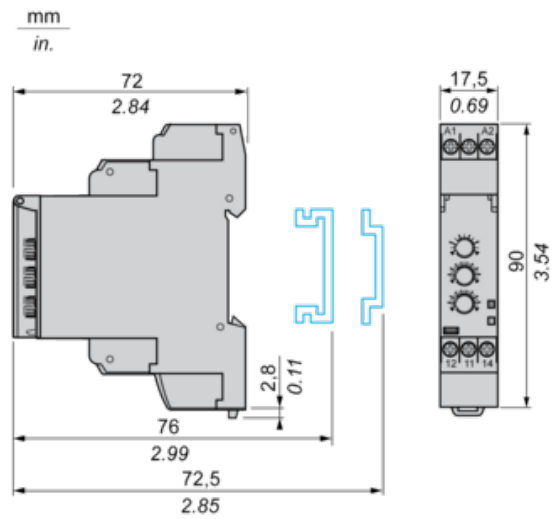
Ilgtspējīgs piedāvājuma statuss	Green Premium izstrādājums
REACH regula	REACH Deklarācija
ES RoHS direktīva	Proaktīva atbilstība (uz izstrādājumu neattiecas ES RoHS juridiskās saistības)
Nesatur dzīvsudrabu	Jā
Ķīnas RoHS regula	Ķīnas RoHS Deklarācija
Informācija par RoHS izņēmumiem	Jā
Vides informācijas publiskošana	Produkta letekme 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
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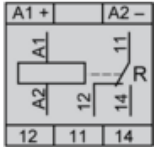
Single-Phase and DC Voltage Control Relays

Dimensions and Mounting

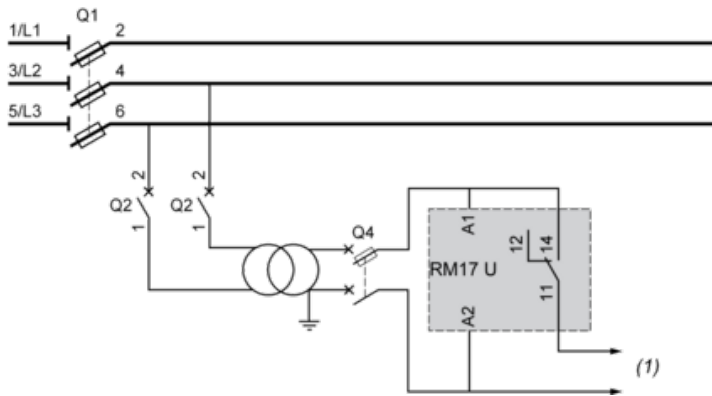


Single-Phase and DC Voltage Control Relays

Wiring Diagram



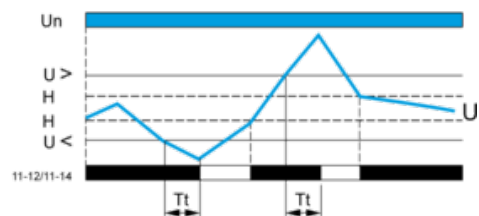
Application Scheme



(1) To sensitive loads

Function Diagram

Control of Overvoltage and Undervoltage in Window 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

Relay status: black color = energized.