



## Galvenā

Produkta sērija	Harmony Control Relays
Relay type	Level control relay
Produkta vai sastāvdaļas veids	Level control relay
Relay name	RM35L
Relay monitored parameters	Detection by resistive probes
Time delay	Adjustable 0.1...5 s, +/- 10 % Tt- time delay upon fault
Switching capacity in VA	1250 VA
Minimum switching current	10 mA 5 V DC
Maximum switching current	5 A AC/DC
Power consumption	5 VA AC
Measurement range	250 Ohm...1 MOhm
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
Kontaktligzdas tips	2 C/O

## Papildinošs

Reset time	1750 ms
Maximum switching voltage	250 V AC/DC
[Un] rated nominal voltage	24...240 V AC/DC 50/60 Hz, non self-powered
Supply voltage limits	20,4...264 V AC/DC
Operating voltage tolerance	- 15 % + 10 % Un
Power consumption	1,5 W DC
Output contacts	2 C/O
Nominal output current	5 A
Delay at power up	0,6 s
Mērījumu precizitāte	+/- 10 % of the full scale value +/- 20 % for the HS range
Repeat accuracy	+/- 2 % time delay
Measurement error	0.5 %/°C with temperature variation
Sensitivity scale	0.25...5 kOhm LS (Low Sensitivity) 5...100 kOhm St (Standard Sensitivity) 50...1000 kOhm HS (High Sensitivity)
Sensitivity adjustment	5...100 %
Maximum supply current for sensors	1 mA
Cable capacitance	1 nF HS (High Sensitivity) probe cable 2,2 nF St (Standard Sensitivity) probe cable 4,7 nF LS (Low Sensitivity)
Marķējums	CE : 73/23/EEC CE : EMC 89/336/EEC
Overvoltage category	III IEC 60664-1

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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
[Ui] rated insulation voltage	250 V IEC 60664-1
Operating position	Any position without derating
Connections - terminals	Skrūvju spaiļes, 1 x 0.5...1 x 4 mm <sup>2</sup> AWG 20...AWG 11) ciets without cable end Skrūvju spaiļes, 2 x 0.5...2 x 2.5 mm <sup>2</sup> AWG 20...AWG 14) ciets without cable end Skrūvju spaiļes, 2 x 0.2...2 x 1.5 mm <sup>2</sup> AWG 24...AWG 16) elastīgs with cable end Skrūvju spaiļes, 1 x 0.2...1 x 2.5 mm <sup>2</sup> AWG 24...AWG 12) elastīgs with cable end
Tightening torque	0,6...1 N.m IEC 60947-1
Korpusa materiāls	Self-extinguishing plastic
Lokālā signalizēšana	Priekš relay ON LED (dzeltens) Priekš barošana IESLĒGTA LED (zaļš) Priekš timer ON LED (dzeltens)
Montāžas stiprinājums	35 mm symmetrical DIN rail atbilst IEC 60715
Elektriskā izturība	100000 cikli
Mehāniskā izturība	30000000 cikli
Operating rate	<= 360 operations/hour pilna slodze
Measurement range	0.25...1000 kOhm
Safety reliability data	B10d = 170000 MTTFd = 182.6 years
Platums	35 mm
Vadības veids	Without test button

## Vide

Immunity to microbreaks	100 Ms DC 90 ms AC
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
Standarti	IEC 60255-6
Produkta sertifikācija	CSA[RETURN]JGL[RETURN]JUL[RETURN]C-Tick[RETURN]GOST
Apkārtējā gaisa temperatūra uzglabāšanai	-40...70 °C
Ambient air temperature for operation	-20...50 °C
Relative humidity	95 % 55 °C IEC 60068-2-30
IP degree of protection	IP20 IEC&nbsp;60529 terminals) IP30 IEC&nbsp;60529 casing)
Pollution degree	3 IEC 60664-1
Dielectric test voltage	2 kV AC 50 Hz, 1 min IEC 60255-5 2 kV AC 50 Hz, 1 min IEC 60664-1

## Iepakojšanas vienības

Pirmā iepakojuma vienības tips	PCE
Vienību skaits 1. iepakojumā	1
1. iepakojuma augstums	4,700 cm
1. iepakojuma platums	7,800 cm
1. iepakojuma garums	9,700 cm
1. iepakojuma svars	141,000 g
Otrā iepakojuma vienības tips	S03
Vienību skaits 2. iepakojumā	48
2. iepakojuma augstums	30,000 cm
2. iepakojuma platums	30,000 cm
2. iepakojuma garums	40,000 cm
2. iepakojuma svars	7,448 kg
Trešā iepakojuma vienības tips	P06
Vienību skaits 3. iepakojumā	384

3. iepakojuma augstums	75,000 cm
3. iepakojuma platums	60,000 cm
3. iepakojuma garums	80,000 cm
3. iepakojuma svars	65,660 kg

### Piedāvājiēt ilgtspēju

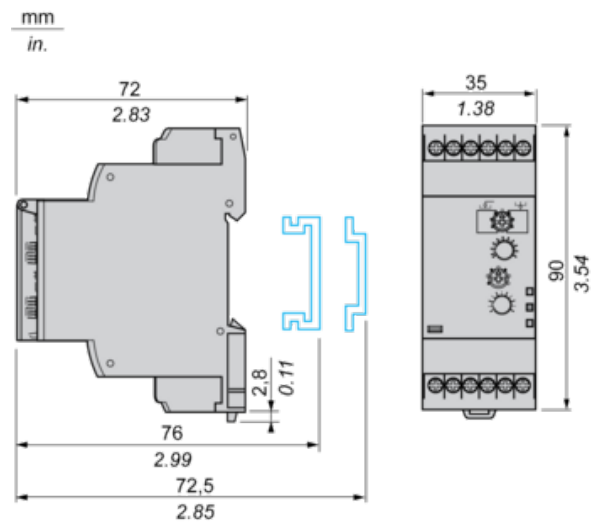
Ilgtspējīgs piedāvājuma statuss	Green Premium izstrādājums
REACH regula	<a href="#">REACH Deklarācija</a>
ES RoHS direktīva	Proaktīva atbilstība (uz izstrādājumu neattiecas ES RoHS juridiskās saistības)
Nesatur dzīvsudrabu	Jā
Ķīnas RoHS regula	<a href="#">Ķīnas RoHS Deklarācija</a>
Informācija par RoHS izņēmumiem	<a href="#">Jā</a>
Vides informācijas publiskošana	<a href="#">Produkta Ietekme Uz Vidi</a>
Cirkularitātes profils	<a href="#">Informācija Par Eksploatācijas Izbeigšanu</a>

### Līguma garantija

Garantija	18 months
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Level Control Relays

Dimensions and Mounting

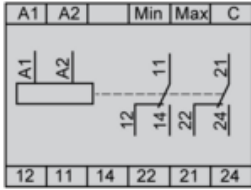


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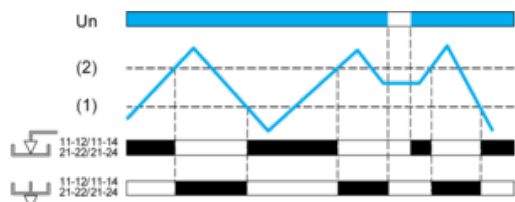
### Wiring Diagram



Function Diagrams

Control of Two Levels

Fill/Empty function



Legend

Un Supply voltage

(1) Min. level

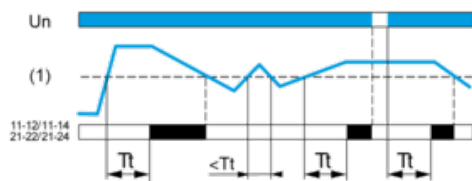
(2) Max. level

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

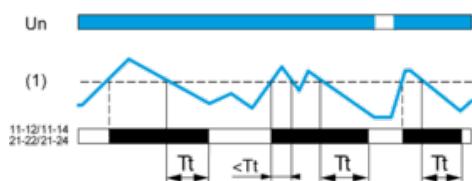
Relay status: black color = energized.

Control of One Level

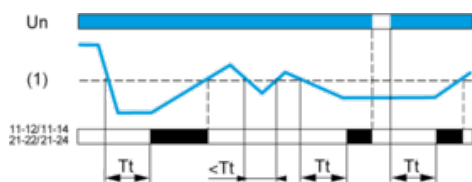
Empty function T on



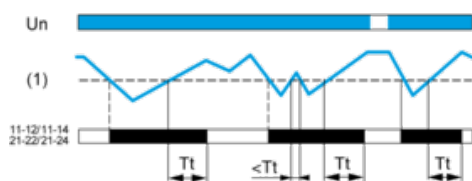
Empty function T off



Fill function T on



Fill function T off



Legend

Tt Time delay after crossing of threshold

Un Supply voltage

(1) Level threshold

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

Relay status: black color = energized.