

RE17RLMU

dual function relay, Harmony Timer Relays, 8A, 1CO, 1s..100h, asymmetrical flashing, 24V DC or 24...240V AC DC



Galvenā

Produkta sērija	Harmony Timer Relays
Produkta vai sastāvdaļas veids	Dual function relay
Discrete output type	Relay
Platums	17,5 mm
Ierīces īsais nosaukums	RE17R
Time delay type	Asymmetrical flashing
Laika aiztures diapazons	1...10 h 1...10 s 0.1...1 s 6...60 min 1...10 min 10...100 h 6...60 s
Nominal output current	8 A

Papildinošs

Kontaktligzdas tips	1 C/O
Kontaktligzdas materiāls	Cadmium free
Augstums	90 mm
Dziļums	72 mm
Control type	Selector switch front panel
[Us] nominālais barošanas spriegums	24...240 V AC 50/60 Hz 24 V DC
Voltage range	0.85...1.1 Us
Supply frequency	50...60 Hz +/- 5 %
Release of input voltage	10 V
Connections - terminals	Skrūvju spaiļes, 1 x 0.5...1 x 3.3 mm ² AWG 20...AWG 12) 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...1 x 2.5 mm ² AWG 24...AWG 14) 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
Korpasa materiāls	Self-extinguishing
Repeat accuracy	+/- 0.5 % IEC 61812-1
Temperature drift	+/- 0.05 %/°C
Voltage drift	+/- 0.2 %/V
Setting accuracy of time delay	+/- 10 % of full scale 25 °C IEC 61812-1
Control signal pulse width	100 ms with load in parallel typical 30 ms typical
Insulation resistance	100 MOhm 500 V DC IEC 60664-1
Reset time	120 ms on de-energisation typical
On-load factor	100 %
Power consumption in VA	0...32 VA 240 V AC
Maximum power consumption in W	0,6 W 24 V DC
Minimum switching current	10 mA 5 V DC
Maximum switching current	8 A AC/DC
Maximum switching voltage	250 V AC
Breaking capacity	2000 VA

Operating frequency	10 Hz
Electrical durability	100000 cikli pretestības 8 A 250 V AC
Mehāniskā izturība	10000000 cikli
Dielectric strength	2,5 kV 1 mA/1 minute 50 Hz IEC 61812-1
[Uimp] rated impulse withstand voltage	5 kV 1.2/50 µs
Power on delay	100 ms
Marķējums	CE
Creepage distance	4 kV/3 IEC 60664-1
Safety reliability data	MTTFd = 296.8 years B10d = 270000
Mounting position	Any position in relation to normal vertical mounting plane
Montāžas stiprinājums	35 mm DIN sliede atbilst IEC 60715
Local signalling	LED indicator on steady: relay energised, no timing in progress LED indicator 80 % ON and 20 % OFF flashing: timing in progress
Neto svars	0,07 kg
Time delay type	L, Li
Functionality	Asymmetrical flashing timer
Compatibility code	RE17

Vide

Immunity to microbreaks	20 ms
Standarti	2006/95/EK IEC 61000-6-2 IEC 61000-6-4 2004/108/EK IEC 61812-1 IEC 61000-6-3 IEC 61000-6-1
Produkta sertifikācija	GL[RETURN]cULus[RETURN]CSA
Apkārtējā gaisa temperatūra uzglabāšanai	-30...60 °C
Apkārtējā gaisa temperatūra darbībai	-20...60 °C
IP degree of protection	IP20 IEC 60529 terminal block) IP40 IEC 60529 housing) IP50 IEC 60529 front panel)
Vibration resistance	20 m/s ² 10...150 Hz)IEC 60068-2-6
Shock resistance	15 gn 11 ms IEC 60068-2-27
Relative humidity	93 % without condensation IEC 60068-2-30
Electromagnetic compatibility	Electrostatic discharge immunity test 6 kV in contact) level 3 IEC 61000-4-2 Electrostatic discharge immunity test 8 kV in air) level 3 IEC 61000-4-2 Susceptibility to electromagnetic fields 10 V/m 80 MHz to 1 GHz) level 3 IEC 61000-4-3 Electrical fast transient/burst immunity test 1 kV capacitive connecting clip) level 3 IEC 61000-4-4 Electrical fast transient/burst immunity test 2 kV direct) level 3 IEC 61000-4-4 1.2/50 µs shock waves immunity test 1 kV differential mode) level 3 IEC 61000-4-5 1.2/50 µs shock waves immunity test 2 kV common mode) level 3 IEC 61000-4-5 Conducted RF disturbances 10 V 0.15...80 MHz) level 3 IEC 61000-4-6 Voltage dips and interruptions immunity test 0 % 1 cycle) IEC 61000-4-11 Voltage dips and interruptions immunity test 70 % 25/30 cycles) IEC 61000-4-11 Conducted and radiated emissionsclass B EN 55022

Iepakojšanas vienības

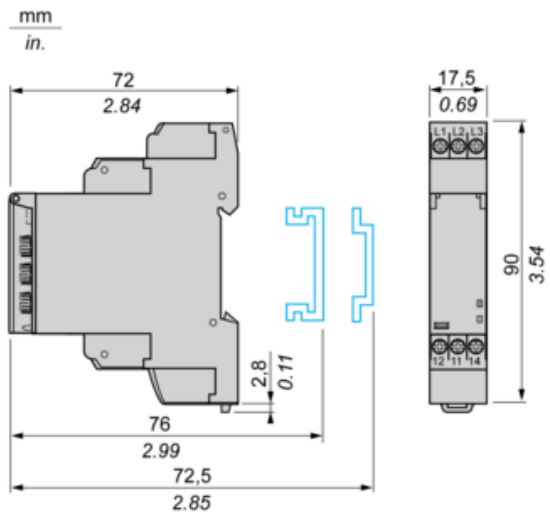
Pirmā iepakojuma vienības tips	PCE
Vienību skaits 1. iepakojumā	1
1. iepakojuma augstums	2,8 cm
1. iepakojuma platums	7,8 cm
1. iepakojuma garums	9,6 cm
1. iepakojuma svars	81,0 g
Otrā iepakojuma vienības tips	S02
Vienību skaits 2. iepakojumā	40
2. iepakojuma augstums	15,0 cm

2. iepakojuma platums	30,0 cm
2. iepakojuma garums	40,0 cm
2. iepakojuma svars	3,68 kg

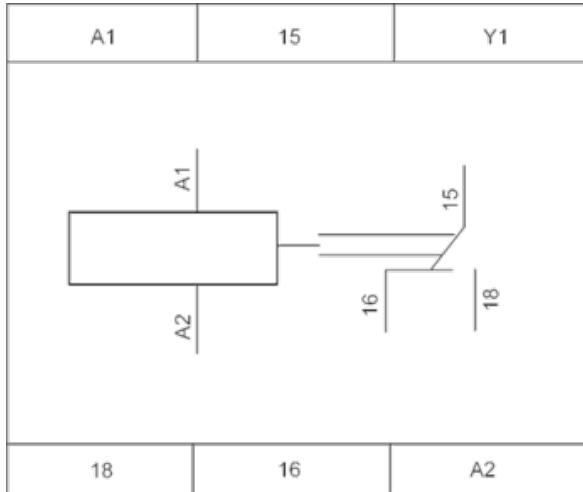
Piedāvājiēt ilgtspēju

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

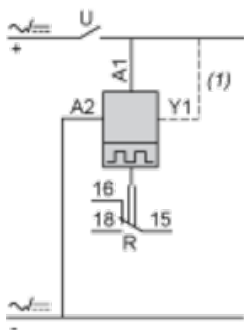
Width 17.5 mm



Internal Wiring Diagram



Wiring Diagram



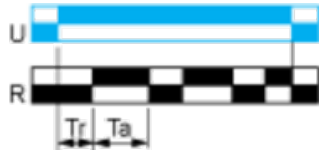
1 Link A1-Y1 for function L only

Function L : Asymmetrical Flasher Relay (Starting Pulse Off)

Description

Repetitive cycle comprises of two, independently adjustable timing periods T_a and T_r . Each timing period corresponds to a different state of the output R.

Function: 1 Output



Function Li : Asymmetrical Flasher Relay (Starting Pulse On)

Description

Repetitive cycle comprises of two, independently adjustable timing periods T_a and T_r . Each timing period corresponds to a different state of the output R.

Function: 1 Output



Legend

Relay de-energised

Relay energised

Output open

Output closed

C	Control contact
G	Gate
R	Relay or solid state output
R1/R2	2 timed outputs
R2 inst.	The second output is instantaneous if the right position is selected
T	Timing period
T_a -	Adjustable On-delay
T_r -	Adjustable Off-delay
U	Supply