

Data sheet

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Zelio ##### On-delay - 1 s..100 h - 24..240 V AC - 1 OC

RE17RAMU

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#####	Harmony Timer Relays
#####	Dual function relay
#####	###
#####	17,5 mm
#####	RE17R
#####	Power on-delay
#####	1...10 min 10...100 h 0.1...1 s 6...60 s 6...60 min 1...10 s 1...10 h
#####	8 A
#####	1 C/O
#####	#####
#####	90 mm
#####	72 mm
#####	#####
[Us] #####	24...240 V AC 50/60 Hz 24 V DC
#####	0.85...1.1 Us
#####	50...60 Hz +/- 5 %
Release of input voltage	10 V
##### - #####	#####, 1 x 0.5...1 x 3.3 mm ² (AWG 20...AWG 12) μ##### #####, 2 x 0.5...2 x 2.5 mm ² (AWG 20...AWG 14) μ##### #####, 1 x 0.2...1 x 2.5 mm ² (AWG 24...AWG 14) μ##### #####, 2 x 0.2...2 x 1.5 mm ² (AWG 24...AWG 16) μ#####
#####	0,6...1 N.m μ##### IEC 60947-1
#####	#####
#####	+/- 0.5 % μ##### IEC 61812-1
#####	+/- 0.05 %/°C

#### drift	+/- 0.2 %/V
##### ##µ#### #####	+/- 10 % ## # ##µ#### # 25 °C ##µ##### µ# IEC 61812-1
Control signal pulse width	100 ms µ# ##### # 30 ms ##### µ#####
##### µ#####	100 MOhm ## 500 V DC ##µ##### µ# IEC 60664-1
#####	120 ms ##### µ#####
##### ##	100 %
##### ## VA	0...32 VA ## 240 V AC
Maximum power consumption in W	0,6 W ## 24 V DC
##### ##µ# µ#####	10 mA ## 5 V DC
##### ##µ# µ#####	8 A AC/DC
##### ## µ#####	250 V AC
#####	2000 VA
Operating frequency	10 Hz
#####	100000 cycles ## #µ#### (8 A ## 250 V AC µ#####)
#####	1000000 cycles
#####	2,5 kV 1 mA/1 ## 50 Hz ##µ##### µ# IEC 61812-1
[Uimp] ##µ##### ## #####	5 kV ## 1.2/50 µs
Power on delay	100 ms
##µ####	CE
##### ##µ##	4 kV/3 ##µ##### µ# IEC 60664-1
#####	B10d = 270000 MTTFd = 296.8 ##
#####	##### µ# ##
#####	35 mm ## DIN ##µ##### µ# EN/IEC 60715
##### ##µ#####	##### LED ## on steady: ##µ###, µ# ##### LED 80 % ON ## 20 % OFF ## ##### LED 5 % ON ## 95 % OFF ## pulsing: ##µ###, µ# (##### Di-D, Li-L)
#####	0,07 kg
#####	A, At
#####	#####
##### ##µ#####	RE17
#####	
##### ## µ#####	20 ms
#####	2006/95/EC 2004/108/EC IEC 61812-1 EN 61000-6-3 EN 61000-6-1 EN 61000-6-4 EN 61000-6-2
#####	CSA cULus GL
#####	-30...60 °C
#####	
#####	-20...60 °C
#####	

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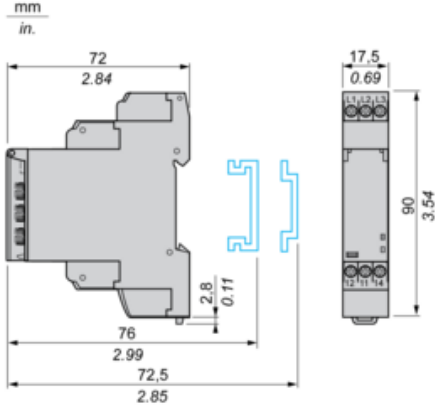
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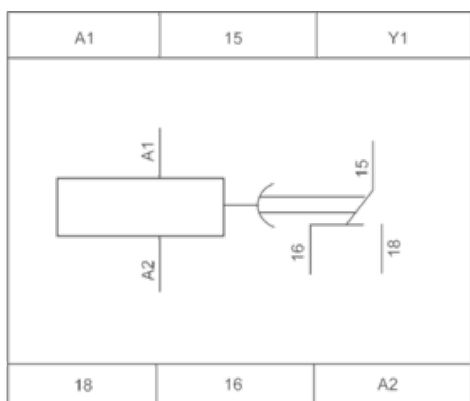
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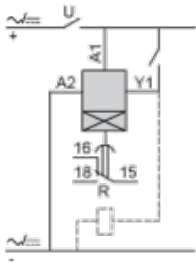
Width 17.5 mm



Internal Wiring Diagram



Wiring Diagram

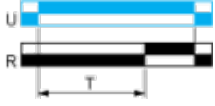


Function A : Power on Delay Relay

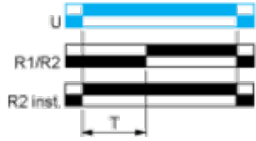
Description

The timing period T begins on energisation. After timing, the output(s) R close(s). The second output can be either timed or instantaneous.

Function: 1 Output



Function: 2 Outputs



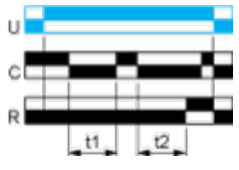
2 timed outputs (R1/R2) or 1 timed output (R1) and 1 instantaneous output (R2 inst.)

Function At : Power on Delay Relay (Summation) with Control Signal

Description





After power-up, the first opening of control contact C starts the timing. Timing can be interrupted each time control contact closes. When the cumulative total of time periods elapsed reaches the pre-set value T, the output relay closes.

Function: 1 Output



$T = t1 + t2 + \dots$

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
Ta -	Adjustable On-delay
Tr -	Adjustable Off-delay
U	Supply