

Product data sheet

Specifications



universal plug-in timing relay - on-delay - 24 V AC/DC - 2 C/O

RE88857409

⚠ Discontinued on: Jun 1, 2016

⚠ Discontinued

Main

Range Of Product	Zelio Time
Product Or Component Type	Universal timing relay
Electrical Connection	Plug-in sub-base 8
Discrete Output Type	Relay
Contacts Type And Composition	2 C/O timed contacts
Component Name	RE88857
Time Delay Type	A
Time Delay Range	3599640 s 5999.4 s 999.9 s 35996400 s 359940 s 59994 s 9999 s 599940 s 359964 s 99.99 s 5999 s
Line Rated Current	5 A
Display Type	LCD

Complementary

Product Front Plate Size	48 x 48 mm
[Us] Rated Supply Voltage	24 V AC/DC
Voltage Range	0.85...1.1 Us
Display Digits	4 - 0.31 in (8 mm)
Housing Material	Self-extinguishing
Repeat Accuracy	+/- 0.03 % +/- 20 ms
Setting Accuracy Of Time Delay	+/- 0.03 % +/- 20 ms of full scale
Minimum Pulse Duration	50 ms
Reset Time	0.05 ms after time delay, on de-energisation 0.05 ms during time delay, on de-energisation
Power Consumption In Va	1 VA 24 V
Maximum Power Consumption In W	0.5 W 24 V
Breaking Capacity	1250 VA resistive

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: 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

Breaking Capacity	120 W resistive)
Maximum Switching Voltage	250 V AC 30 V DC
Temporary Permissible Current	15 A < 10 s
Minimum Output Current	100 mA
Electrical Durability	100000 cycles 250 V AC resistive
Mechanical Durability	5000000 cycles
Mounting Support	Base mounted: socket Panel mounted: system supplied with the product
Local Signalling	none
Net Weight	0.31 lb(US) (0.14 kg)

Environment

Immunity To Microbreaks	30 ms
Standards	VDE 0435 VDE 2021 IEC 60255
Product Certifications	CSA cURus
Ambient Air Temperature For Storage	-22...158 °F (-30...70 °C)
Ambient Air Temperature For Operation	14...140 °F (-10...60 °C)
Ip Degree Of Protection	IP65 front panel)

Ordering and shipping details

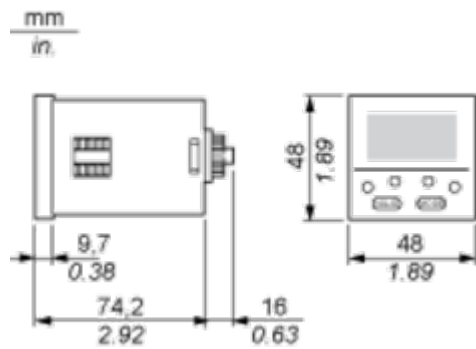
Category	22370-RE, RM MISC TIMERS & COUNTERS
Discount Schedule	CP2
Gtin	3389110279733
Returnability	No
Country Of Origin	FR

Contractual warranty

Warranty	18 months
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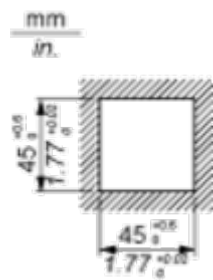
Dimensions Drawings

Width 48 mm



Mounting and Clearance

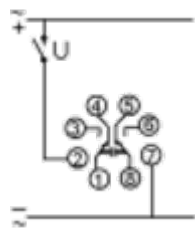
Panel Cut-Out



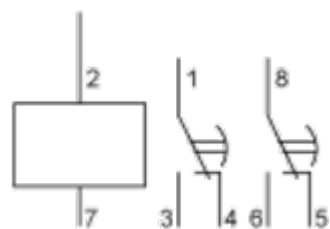
Connections and Schema

Wiring Diagram

Terminal referencing



Internal Wiring Diagram



Technical Description

Function A : Power on Delay Relay

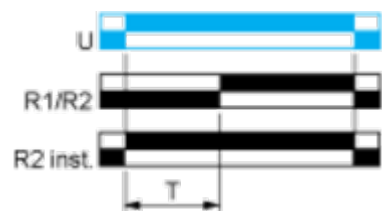
Description

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.)

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