

Product datasheet

Specifications



universal plug-in timing relay - on-delay - 110 V AC - 2 C/O

RE88857406

⚠ Discontinued on: Jan 1, 2020 AD

⚠ Discontinued

Main

Range of product	Zelio Time
Product or component type	Universal timing relay
Electrical connection	Plug-in sub-base 8 pin(s)
Discrete output type	Relay
Contacts type and composition	2 C/O timed contacts
Component name	RE88857
Time delay type	A
Time delay range	359940 s 599940 s 5999.4 s 99.99 s 999.9 s 5999 s 9999 s 3599640 s 35996400 s 359964 s 59994 s
[In] rated current	5 A
Display type	LCD

Complementary

Product front plate size	48 x 48 mm
[Us] rated supply voltage	110 V AC
Voltage range	0.85...1.1 Us
Display digits	4 digit(s) - 8 mm in height
Housing material	Polycarbonate
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	3.5 VA at 110 V
Breaking capacity	1250 VA for resistive load
Maximum switching voltage	250 V AC 30 V DC

Temporary permissible current	15 A for < 10 s
Minimum output current	100 mA
Electrical durability	100000 cycles at 250 V AC for resistive load
Mechanical durability	5000000 cycles
Mounting support	Base mounted: socket Panel mounted: system supplied with the product
Local signalling	None
Net weight	0.14 kg

Environment

Immunity to microbreaks	30 ms
Standards	VDE 0435 IEC 60255 VDE 2021
Product certifications	CSA cURus
Ambient air temperature for storage	-30...70 °C
Ambient air temperature for operation	-10...60 °C
IP degree of protection	IP65 (front panel)



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Longer



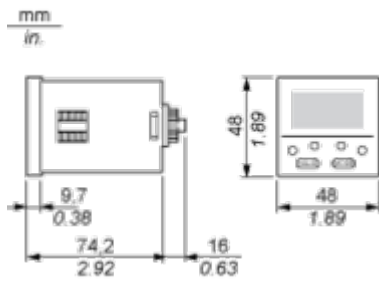
Lifetime extension

Repair

No

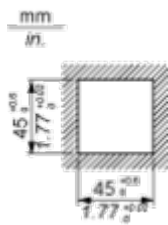
Dimensions Drawings

Width 48 mm



Mounting and Clearance

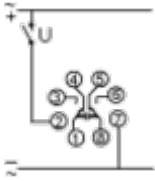
Panel Cut-Out



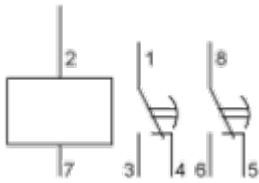
Connections and Schema

Wiring Diagram

Terminal referencing



Internal Wiring Diagram



Technical Description

Function A : Power on Delay Relay

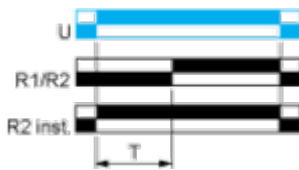
Description

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