

Product datasheet

Specifications



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

RE88857307

⚠ Discontinued on: Jun 1, 2016 AD

⚠ Discontinued

Main

Range of product	Zelio Time
Product or component type	Universal timing relay
Electrical connection	Plug-in sub-base 11 pin(s)
Discrete output type	Relay
Contacts type and composition	2 C/O timed contact 2 C/O timed or instantaneous contact
Component name	RE88857
Time delay type	A1 AMt AM A2
Time delay range	35996400 s 359964 s 5999 s 599940 s 5999.4 s 9999 s 999.9 s 59994 s 359940 s 3599640 s 99.99 s
[In] rated current	8 A
Display type	LCD

Complementary

Product front plate size	48 x 48 mm
[Us] rated supply voltage	24 V AC/DC 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	1 VA at 24 V 3.5 VA at 110 V

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

Maximum power consumption in W	0.5 W at 24 V
Breaking capacity	2000 VA for resistive load
Breaking capacity	190 W (resistive)
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 VDE 2021 IEC 60255
Product certifications	cURus CSA
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 >](#)

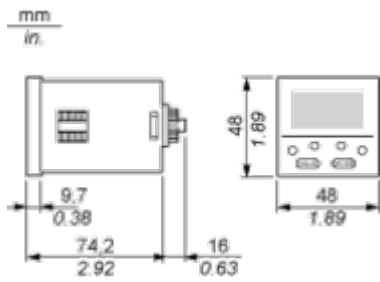
[How we assess product sustainability >](#)

Use Longer

Lifetime extension	
Repair	No

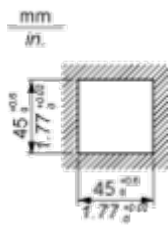
Dimensions Drawings

Width 48 mm



Mounting and Clearance

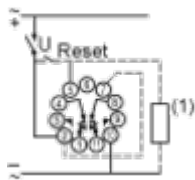
Panel Cut-Out



Connections and Schema

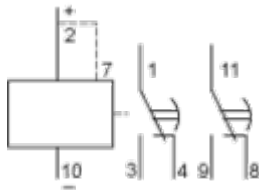
Wiring Diagram

Terminal Referencing



1 Another load may be connected

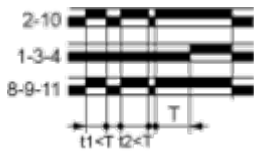
Internal Wiring Diagram



Technical Description

Function A1: Delay on Energisation

The timing period T begins on energisation. After timing, the output closes. The second output is instantaneous.

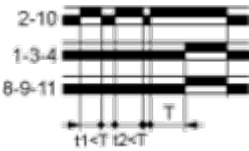


- 1 timed contact.
- 1 instantaneous contact.

Function A2: Delay on Energisation

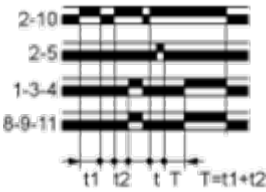
Description

The timing period T begins on energisation. After timing, the output closes.



Function AM: Delay on Energisation

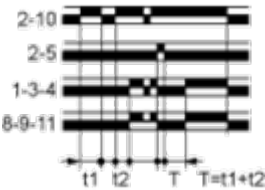
Description



Memory during the time delay period. Reset

Function AMt: Delay on Energisation

Description



Memory during and after the time delay period. Reset.

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