

# Product datasheet

Specifications



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

RE88857409

⚠ 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 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	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
[In] 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 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
Maximum power consumption in W	0.5 W at 24 V
Breaking capacity	1250 VA for resistive load
Breaking capacity	120 W (resistive)

<b>Maximum switching voltage</b>	250 V AC 30 V DC
<b>Temporary permissible current</b>	15 A for < 10 s
<b>Minimum output current</b>	100 mA
<b>Electrical durability</b>	100000 cycles at 250 V AC for resistive load
<b>Mechanical durability</b>	5000000 cycles
<b>Mounting support</b>	Base mounted: socket Panel mounted: system supplied with the product
<b>Local signalling</b>	None
<b>Net weight</b>	0.14 kg

## Environment

<b>Immunity to microbreaks</b>	30 ms
<b>Standards</b>	VDE 0435 VDE 2021 IEC 60255
<b>Product certifications</b>	CSA cURus
<b>Ambient air temperature for storage</b>	-30...70 °C
<b>Ambient air temperature for operation</b>	-10...60 °C
<b>IP degree of protection</b>	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

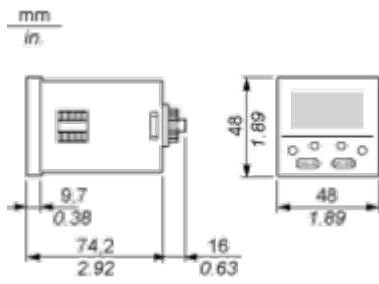
Repair

No

Dimensions Drawings

Width 48 mm

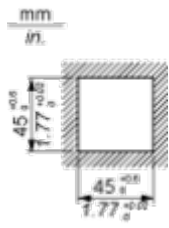
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Mounting and Clearance

Panel Cut-Out

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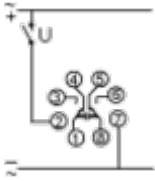


Connections and Schema

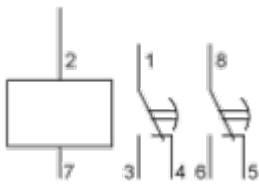
Wiring Diagram

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Terminal referencing



Internal Wiring Diagram



Technical Description

Function A : Power on Delay Relay

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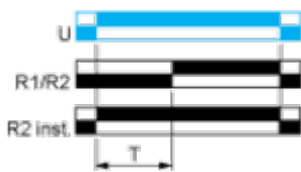
**Description**

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**

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-  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