

# Product data sheet

Specifications



## universal plug-in timing relay - 220..240 V AC - 2 C/O

RE88857301

⚠ Discontinued on: Dec 2, 2020

⚠ End-of-service on: Dec 31, 2020

⚠ Discontinued

### Main

Range of Product	Zelio Time
Product or Component Type	Universal timing relay
Electrical connection	Plug-in sub-base 11
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	AM A1 AMt A2
Time delay range	359964 s 999.9 s 9999 s 599940 s 59994 s 5999.4 s 3599640 s 5999 s 99.99 s 359940 s 35996400 s
Line Rated Current	8 A
Display Type	LCD

### Complementary

Product front plate size	48 x 48 mm
[Us] rated supply voltage	24 V AC/DC 220...240 V AC
Voltage range	0.85...1.1 Us
Display digits	4 - 0.3 in (8 mm)
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 24 V 11 VA 220 V

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

<b>Maximum power consumption in W</b>	0.5 W 24 V
<b>Breaking capacity</b>	2000 VA resistive
<b>Breaking capacity</b>	190 W resistive)
<b>Maximum switching voltage</b>	250 V AC 30 V DC
<b>Temporary permissible current</b>	15 A < 10 s
<b>Minimum output current</b>	100 mA
<b>Electrical durability</b>	100000 cycles 250 V AC resistive
<b>Mechanical durability</b>	5000000 cycles
<b>Mounting Support</b>	Panel mounted: system supplied with the product Base mounted: socket
<b>Local signalling</b>	None
<b>Net Weight</b>	0.31 lb(US) (0.14 kg)

## Environment

<b>Immunity to microbreaks</b>	30 ms
<b>Standards</b>	VDE 2021 VDE 0435 IEC 60255
<b>Product Certifications</b>	cURus CSA
<b>Ambient Air Temperature for Storage</b>	-22...158 °F (-30...70 °C)
<b>Ambient Air Temperature for Operation</b>	14...140 °F (-10...60 °C)
<b>IP degree of protection</b>	IP65 front panel)

## Ordering and shipping details

<b>GTIN</b>	3389110279672
-------------	---------------

## Contractual warranty

<b>Warranty (in months)</b>	18
-----------------------------	----



## 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

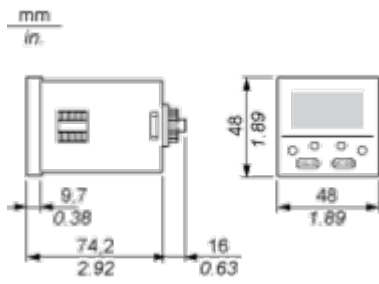
Repair

No

Dimensions Drawings

Width 48 mm

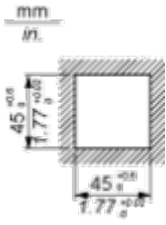
---



Mounting and Clearance

Panel Cut-Out

---

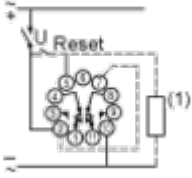


Connections and Schema

Wiring Diagram

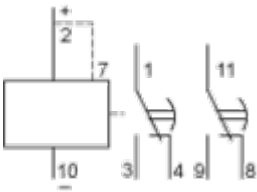
---

Terminal Referencing



1 Another load may be connected

Internal Wiring Diagram

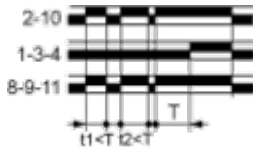


Technical Description

**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.

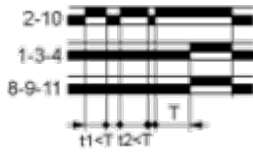
1 instantaneous contact.

**Function A2: Delay on Energisation**

---

**Description**

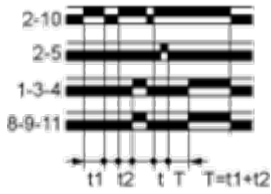
The timing period T begins on energisation. After timing, the output closes.



Function AM: Delay on Energisation

---

Description

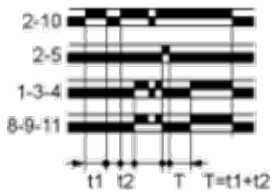


Memory during the time delay period. Reset

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