



### Commercial status

Discontinued: 01 June 2016

End-of-service: 01 June 2016

RE88857302 has not been replaced. Please contact your customer care center for more information.

### 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	99.99 s 5999.4 s 5999 s 35996400 s 359964 s 999.9 s 599940 s 9999 s 359940 s 3599640 s 59994 s
Line Rated Current	8 A
Display type	LCD

### Complementary

Product front plate size	48 x 48 mm
[Us] rated supply voltage	12 V DC 42...48 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	2 VA 48 V
Maximum power consumption in W	1 W 48 V 0.5 W 12 V
Breaking capacity	2000 VA resistive
Breaking capacity	190 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	IEC 60255 VDE 2021 VDE 0435
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)

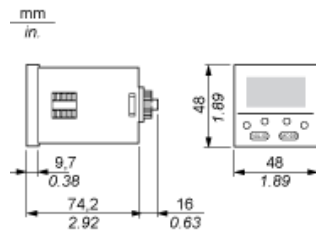
## Ordering and shipping details

GTIN	03389110279689
Package weight(Lbs)	0.39 lb(US) (0.176 kg)

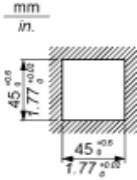
## Contractual warranty

Warranty	18 months
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Width 48 mm



Panel Cut-Out

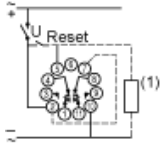


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## Wiring Diagram

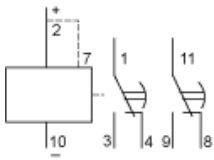
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### Terminal Referencing



1 Another load may be connected

### Internal Wiring Diagram

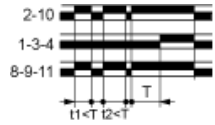


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Function A1: Delay on Energisation

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



1 timed contact.

1 instantaneous contact.

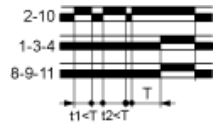
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Function A2: Delay on Energisation

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Description

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

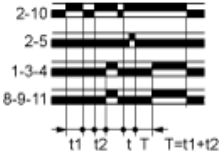


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Function AM: Delay on Energisation

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Description



Memory during the time delay period. Reset

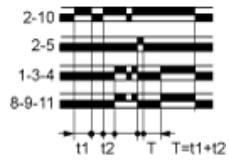


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Function AMt: Delay on Energisation

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Description



Memory during and after the time delay period. Reset.

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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