

# Product data sheet

## Characteristics

# RE88867215

Harmony, Universal plug-in timing relay, 8A, 0.1 s..60 min, 2 CO, power on-delay, 24..240 V AC



Product availability: Stock - Normally stocked in distribution facility

Price\*: 52.00 USD



### Main

Range of product	Zelio Time
Product or component type	Universal timing relay
Discrete output type	Relay
Contacts type and composition	2 C/O
Width pitch dimension	1.38 In (35 mm)
Component name	RE88867
Time delay type	A
Time delay range	1...10 min 6...60 min 6...60 s 10...100 h 0.1...1 s 1...10 h 1...10 s

### Complementary

Electrical connection	Plug-in sub-base 8
Contacts material	AgNi (cadmium free)
Line Rated Current	8 A
[Us] rated supply voltage	24 V DC 24...240 V AC 50/60 Hz
Voltage range	0.85...1.1 Us
Housing material	Self-extinguishing
Repeat accuracy	+/- 0.5 % IEC 61812-1
Temperature drift	+/- 0.05 %/°C
Voltage drift	+/- 0.2 %/V
Setting accuracy of time delay	+/- 10 % of full scale 25 °C IEC 61812-1
Minimum pulse duration	100 Ms under load 30 Ms
Reset time	100 Ms on de-energisation
On-load factor	100 %

Power consumption in VA	32 VA 240 V
Maximum power consumption in W	0.6 W 24 V 1.5 W 240 V
Breaking capacity	2000 VA
Breaking capacity	80 W
Minimum switching current	10 MA
Maximum switching current	8 A
Maximum switching voltage	250 V
Electrical durability	100000 Cycles 8 A, 250 V resistive
Mechanical durability	5000000 Cycles
[Uimp] rated impulse withstand voltage	5 KV 1.2...50 µs IEC 60664-1 5 KV 1.2...50 µs IEC 61812-1
Marking	CE
Creepage distance	4 kV/3 IEC 60664-1
Surge withstand	1 KV differential mode IEC 61000-4-5 level 3 2 KV common mode IEC 61000-4-5 level 3
Local signalling	For flashing: timing in progress LED indicator (green) For on steady: relay energised, no timing in progress LED indicator (green) for pulsing: relay energised, no timing in progress LED indicator (green)
Net weight	0.18 Lb(US) (0.08 kg)

## Environment

Immunity to microbreaks	10 Ms
Dielectric strength	2.5 KV 1 mA/1 minute 50 Hz IEC 61812-1
Standards	EN 50081-1/2 IEC 60669-2-3 93/68/EEC IEC 61812-1 EN 50082-1/2 73/23/EEC 89/336/EEC
Product certifications	CSA GL CURus
Ambient air temperature for operation	-4...140 °F (-20...60 °C)
Ambient air temperature for storage	-22...140 °F (-30...60 °C)
IP degree of protection	IP20 IEC 60529 terminal block) IP40 IEC 60529 housing) IP50 IEC 60529 front panel)
Vibration resistance	0.35 mm 10...55 Hz)IEC 60068-2-6
Relative humidity	93 % without condensation IEC 60068-2-3
Resistance to electrostatic discharge	6 KV in contact IEC 61000-4-2 level 3 8 KV in air IEC 61000-4-2 level 3
Resistance to electromagnetic fields	9.14 V/M (10 V/m) 80 MHz to 1 GHz ENV 50140/204 level 3 9.14 V/M (10 V/m) 80 MHz to 1 GHz IEC 61000-4-3 level 3
Resistance to fast transients	1 KV IEC 61000-4-4 level 3 capacitive connecting clip) 2 KV IEC 61000-4-4 level 3 direct)
Immunity to radioelectric fields	10 V 0.15...80 MHz)ENV 50141 (IEC 61000-4-6)
Immunity to voltage dips	30 % / 10 ms IEC 61000-4-11 60 % / 100 ms IEC 61000-4-11 95 % / 5 s IEC 61000-4-11
Disturbance radiated/conducted	Class B EN 55022 (EN 55011 group 1)

## Ordering and shipping details

Category	22370 - RE, RM MISC TIMERS & COUNTERS
Discount Schedule	CP2
GTIN	03389110278606
Nbr. of units in pkg.	1
Package weight(Lbs)	3.00 Oz (85 g)
Returnability	Yes
Country of origin	FR

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.65 In (4.2 cm)
Package 1 width	1.97 In (5 cm)
Package 1 Length	3.86 In (9.8 cm)
Unit Type of Package 2	S03
Number of Units in Package 2	90
Package 2 Weight	18.10 Lb(US) (8.208 kg)
Package 2 Height	11.81 In (30 cm)
Package 2 width	11.81 In (30 cm)
Package 2 Length	15.75 In (40 cm)

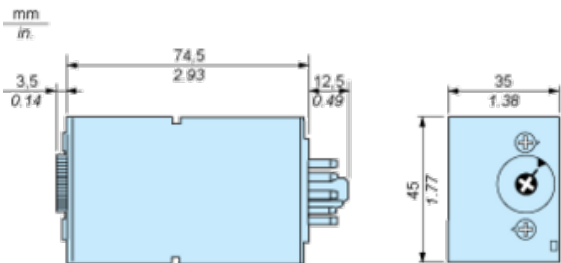
## Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

## Contractual warranty

Warranty	18 months
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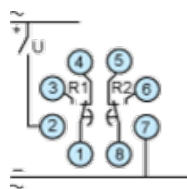
Width 35 mm



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Wiring Diagram

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Function A : Power on Delay Relay

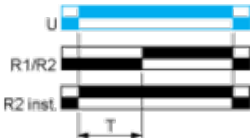
Description

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

Product Life Status : End of commerc. announced

RE88867215 is replaced by the following product range:



529  
Electronic Timing Relays RE17 - RE22 - REXL - RE48 - RE88867  
Substitution date: |



### RE22R2MYMR

Harmony, Modular timing relay, 8 A, 2 CO, 0.05 s...300 h, multifunction, 24...240 V AC/DC

Qty 1

Substitution date: | WF 21298904, Local EOC+subs

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### RENF22R2MMW

Harmony, NFC modular timing relay, 8 A, 2 CO, 0.1 s...999 h, multifunction, 24...240 V AC/DC

Qty 1

Substitution date: | WF 21298904, Local EOC+subs

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### RE22R2AMR

Harmony, Modular timing relay, 8 A, 2 CO, 0.05 s...300 h, power on delay , 24...240 V AC/DC

Qty 1

Substitution date: | WF 21298904, Local EOC+subs

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### RE22R2AMU

Harmony, Modular timing relay, 8 A, 2 CO, 0.1 s...100 h, power on delay , 24 V DC / 24...240 V AC/DC

Qty 1

Substitution date: | WF 21298904, Local EOC+subs

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