

# Product data sheet

Specifications



industrial timing relay, Harmony  
Timer Relays, 8A, 2CO, 0.6...160s,  
off delay, 24...240V AC

RE88865265

 To be discontinued on: Aug 15, 2024

 Discontinued

## Main

Range Of Product	Harmony Timer Relays
Product Or Component Type	Industrial timing relay
Contacts Type And Composition	2 C/O timed contacts, AgNi (cadmium free)
Component Name	RE88865
Time Delay Type	K
Time Delay Range	2.5 s 20 s 160 s 0.6 s

## Complementary

Discrete Output Type	Relay
Width Pitch Dimension	0.89 in (22.5 mm)
[Us] Rated Supply Voltage	24 V DC 24...240 V AC 50/60 Hz
Voltage Range	0.85...1.1 Us
Connections - Terminals	Screw terminals, 2 x 1.5 mm <sup>2</sup> with cable end Screw terminals, 2 x 2.5 mm <sup>2</sup> without cable end
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
Maximum Reset Time	100 ms on de-energisation
On-Load Factor	100 %
Maximum Power Consumption	32 VA 240 V
Maximum Power Consumption	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

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

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 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
Mounting Support	35 mm symmetrical mounting rail conforming to EN 50022
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	0.20 lb(US) (0.09 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 61812-1 EN 50082-1/2 IEC 60669-2-3 73/23/EEC 93/68/EEC 89/336/EEC
Product Certifications	cULus CSA
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) IP30 IEC 60529 front face) IP40 IEC 60529 housing)
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	3389110278514

Returnability	No
Country Of Origin	FR

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	1.10 in (2.8 cm)
Package 1 Width	3.50 in (8.9 cm)
Package 1 Length	4.33 in (11.0 cm)
Package 1 Weight	4.41 oz (125.0 g)
Unit Type Of Package 2	S03
Number Of Units In Package 2	96
Package 2 Height	11.81 in (30.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	27.75 lb(US) (12.586 kg)

## Contractual warranty

Warranty	18 months
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## Sustainability



**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

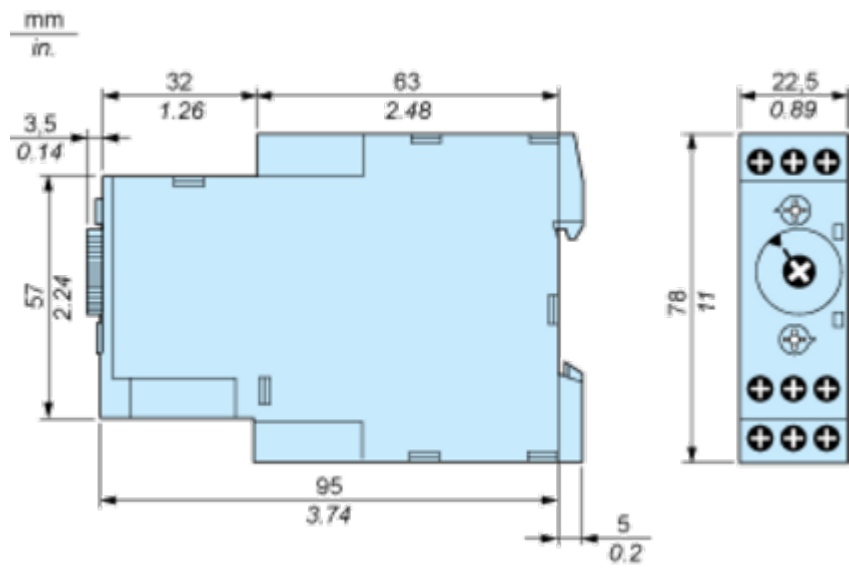
[Guide to assess a product's sustainability >](#)

## Well-being performance

 Mercury Free	
 Rohs Exemption Information	<a href="#">Yes</a>
Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	<a href="#">China RoHS declaration</a>

Dimensions Drawings

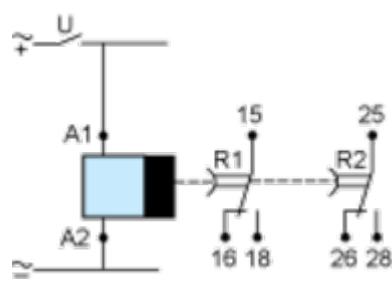
Width 22.5 mm



Connections and Schema

Wiring Diagram

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Technical Description

Function K: Delay on De-Energisation (Without Auxiliary Supply)

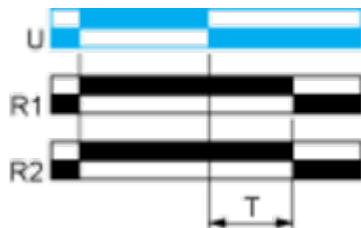
Description

On energisation, the output(s) R close(s). On de-energisation, timing period T starts and, at the end of this period, the output(s) R revert(s) to its/their initial state.





Function: 1 Output



Function: 2 Outputs



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