

Schneider Electric RE17RAMU

Schneider Electric Harmony RE17R Timing Relay User Manual

Model: RE17RAMU

INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of the Schneider Electric Harmony RE17R Timing Relay. This dual-function timing relay offers precise control over operations, ensuring devices and circuits function in a coordinated manner. It is designed for integration into hard-wired logic schematics and is suitable for various industrial automation, HVAC systems, and other applications requiring precise timing control.

The RE17R relay features a compact 17.5mm width, allowing for flexible DIN rail installation, and offers simple, precise settings via rotary trimmers. It includes a diagnostic button for quick circuit checks and supports both on-delay and pause timing functions.

SAFETY INFORMATION

Always observe the following safety precautions to prevent personal injury or damage to the equipment:

- Installation and maintenance should only be performed by qualified personnel.
- Disconnect all power before working on the device or connected circuits.
- Ensure proper grounding to prevent electrical shock.
- Verify that the supply voltage and current ratings match the device specifications.
- Do not operate the device if it is damaged or malfunctioning.

SETUP AND INSTALLATION

The Harmony RE17R timing relay is designed for easy installation on a DIN rail.

Mounting

The relay's slim 17.5mm form-factor allows it to be mounted on a standard DIN rail, occupying the same space as a modular 1-pole DIN device. Ensure the DIN rail is securely fastened in a suitable enclosure.



Figure 1: Side view of the RE17R relay, illustrating its DIN rail mounting capability.

Wiring

The relay supports both screw and spring terminals for adaptable wiring. Refer to the terminal markings on the device for correct connections.

- **Power Supply (A1, A2):** Connect the appropriate 24 V DC or 24-240 V AC/DC power supply to terminals A1 and A2.
- **Control Input (Y1):** For specific timing functions (e.g., pause, summation), connect the control signal to terminal Y1.
- **Output Contacts (15, 16, 18):** The relay features 1 changeover contact SPDT (Single Pole Double Throw).
 - Terminal 15: Common contact
 - Terminal 16: Normally Closed (NC) contact
 - Terminal 18: Normally Open (NO) contact



Figure 2: Front view of the RE17R relay, highlighting the terminal connections for power, control, and output.

OPERATING INSTRUCTIONS

The Harmony RE17R offers dual timing functions and precise time setting capabilities.

Time Setting

The timing relay can be set for delays ranging from 0.1 seconds to 100 hours using the rotary trimmers on the front panel. The sealable cover helps secure the settings once configured.

- **Time Range Selection:** Use the upper rotary switch to select the desired time range (e.g., 0.1s-1s, 1s-10s, 1h-10h, 10h-100h).
- **Time Value Adjustment:** Use the lower rotary switch to fine-tune the specific time value within the selected range.



Figure 3: Example timing diagram illustrating the delay (T) between an input signal (U) and the relay output (R1).

Diagnostic Button

An instant diagnostic button is built into the device. Pressing this button allows for quick checks of downstream circuits, which can significantly reduce troubleshooting time during installation or maintenance.

Dual Functionality

The RE17R supports dual functions, including on-delay and pause timing, as well as summation control signals. Consult the specific wiring diagrams for your application to utilize these advanced features.

MAINTENANCE

The Schneider Electric Harmony RE17R Timing Relay is designed for reliable operation with minimal maintenance. However, periodic checks can ensure optimal performance and longevity.

- **Visual Inspection:** Regularly inspect the relay for any signs of physical damage, discoloration, or loose connections.
- **Terminal Tightness:** Periodically check that all terminal connections are secure. Loose connections can lead to overheating or intermittent operation.

- **Cleaning:** If necessary, gently clean the exterior of the relay with a dry, soft cloth. Do not use abrasive cleaners or solvents.
- **Environmental Conditions:** Ensure the operating environment remains within the specified temperature and humidity ranges to prevent premature failure.

Always disconnect power before performing any maintenance tasks.

TROUBLESHOOTING

If the Harmony RE17R timing relay is not functioning as expected, consider the following common issues and solutions:

Problem	Possible Cause	Solution
Relay does not energize	No power supply; incorrect wiring; faulty relay	Check power connections (A1, A2); verify supply voltage; inspect wiring for errors; test relay with known good power source.
Incorrect timing delay	Incorrect time range or value setting; control signal issue	Adjust rotary trimmers to the desired time range and value; verify control signal (Y1) is applied correctly.
Output contacts not switching	Overload; faulty contacts; incorrect load wiring	Check load current against 8A rating; verify wiring to contacts (15, 16, 18); use diagnostic button to check downstream circuit.
Diagnostic button no response	Internal fault; no power to relay	Ensure relay is powered; if power is present and button still unresponsive, the unit may require replacement.

If problems persist after attempting these solutions, contact Schneider Electric technical support for further assistance.

SPECIFICATIONS

Feature	Detail
Model Number	RE17RAMU
Brand	Schneider Electric
Timing Range	0.1 seconds to 100 hours
Functions	Dual Function (On-delay, Pause), Summation Control
Supply Voltage	24 V DC, 24 to 240 V AC/DC
Output Rating	8 Amps
Contact Type	1 Changeover Contact SPDT (Single Pole Double Throw)
Contact Material	Silver Alloy
Mounting Type	DIN Rail Mount

Feature	Detail
Width	17.5mm
Product Dimensions	2.83 x 0.69 x 3.54 inches
Weight	2.47 ounces
Connector Type	Quick Connect

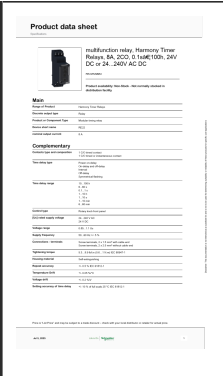
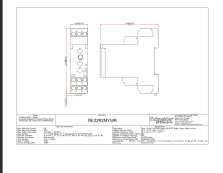
WARRANTY AND SUPPORT

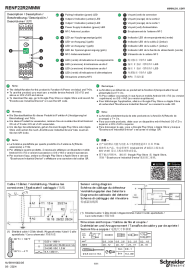
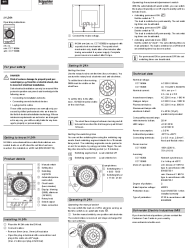
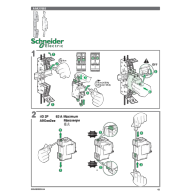
For information regarding product warranty, technical support, or service, please refer to the official Schneider Electric website or contact their customer service department. Details can typically be found in the product packaging or on the manufacturer's website.

You can visit the [Schneider Electric Store](#) for more products and information.

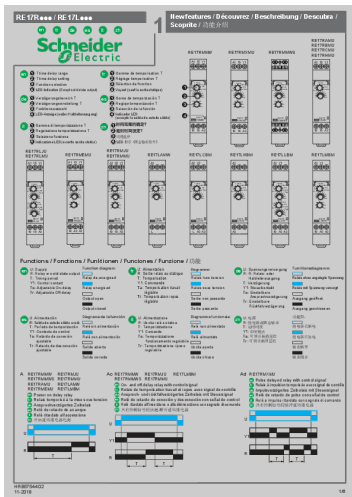
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Related Documents - RE17RAMU

	Schneider Electric Harmony Timer Relays RE22R2MMU Data Sheet Detailed product data sheet for the Schneider Electric Harmony Timer Relay, model RE22R2MMU. Includes specifications, technical descriptions of functions, dimensions, wiring diagrams, environmental data, and ordering information.
	Schneider Electric RE22R2MYMR Multifunction Relay Technical Specifications Detailed technical specifications, dimensions, and product information for the Schneider Electric RE22R2MYMR multifunction relay, featuring 8A DPDT output and 24-240V AC/DC input.
	Schneider Electric Harmony 3 Phase Control Relay RM17, RM22, RM35 Datasheet Detailed datasheet for Schneider Electric Harmony 3-phase control relays (RM17, RM22, RM35 series). Covers product features, dimensions, safety information, installation, connection examples, setting examples, function diagrams, LED indications, and diagnostics.

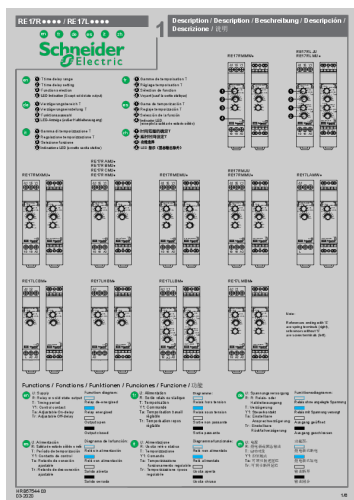
	Schneider Electric RNF22R2MMW Timer Relay Technical Specification Detailed technical specifications, functions, LED indications, wiring diagrams, and setup guide for the Schneider Electric RNF22R2MMW timer relay. This document covers various operational modes and electrical connections.
	Schneider Electric IH 24h Mechanical Time Switch Operating Instructions Operating instructions for the Schneider Electric IH 24h mechanical time switch, covering installation, setting the time and switching times, technical data, and safety precautions.
	Schneider Electric A9A27003 Mounting Plate Installation Guide Detailed instructions for installing the Schneider Electric A9A27003 mounting plate accessory for circuit breakers. Includes steps for DIN rail mounting, assembly, and surface installation, with torque values and dimensions. Compliant with installation regulations.

Documents - Schneider Electric – RE17RAMU



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Schneider Electric rele za vreme re17rmmu 24vdc 24 240vac vkl i izkl ss zaksnenie 0 1s 100h no nc 8a 250vac user manual vikiwat userfiles productimages 102450 files HRB57544 02 schneider electric p enDocType Instruction sheet File Name Doc Ref RE17Rppp / RE17Lppp en fr de es it zh 1 New features / Dcouvrez / Beschreibung / Descubra / Scoprit ... 10h 10-100h 6 7 8 1 9 10 C B H Di Ac A Bw RE17 RMMWS 18 16 A2 RE17LHBM A1 RE17LLBM A1 Y1 **RE17RAMU** RE17RBMU RE17RCMU RE17RHMU A1 15 Y1 1-10min 6-60s 110s 0,1-1s 3 4 2 6-60min 1-10h 10-... lang:it score:35 filesize: 480.16 K page_count: 6 document date: 2018-12-03

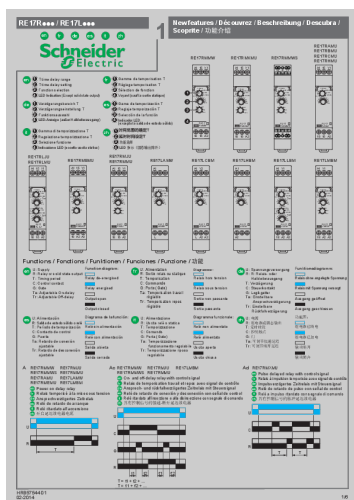


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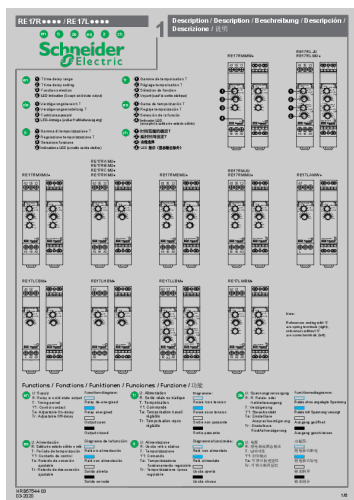


[pdf] Instructions Dimension Guide Accessories

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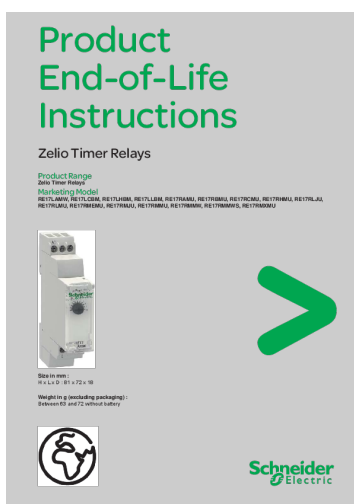
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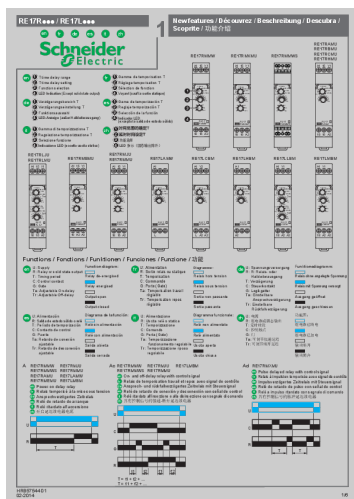


[pdf] Instructions Guide

ENVEOLI121113EN indd SESA197137 RE17 Timer Relays Product End of Life Instructions English 2013 10 28 148 KB Square D RE17RAMU Province Electric Supply

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[\[pdf\]](#) Datasheet Documentation

RE17RAMU schneider on delay timing relay re17ramu w11stop files |||

Product data sheet Characteristics **RE17RAMU** on-delay timing relay - 1 s..100 h - 24..240 V AC 1 OC 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 Main Range of pro...

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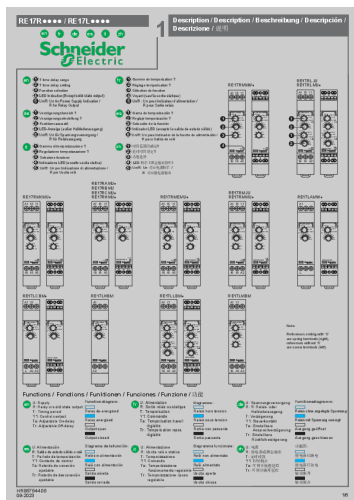
[\[pdf\]](#) Guide

Your Zelio relays guide schneider electric 2 For spring terminal version order RE17RMMWS 3

RM35UB3N30 RM35UB330 Phase or DC voltage monitoring for DIN rail 1DPP3 5 grainger ca ec |||

Zelio Control RM17, RM22, and RM35 control relays 1 2 3 1 3-phase monitoring relays for DIN rail ... 240 VAC 12...240 VAC/VDC 24 VDC, 24...240 VAC Frontal width 17.5 mm Complete product RE17LAMW **RE17RAMU** RE17RLMU RE17RCMU RE17RMMW 2 RE17RMXMU 2 Timing relays with screw terminals for DIN r...

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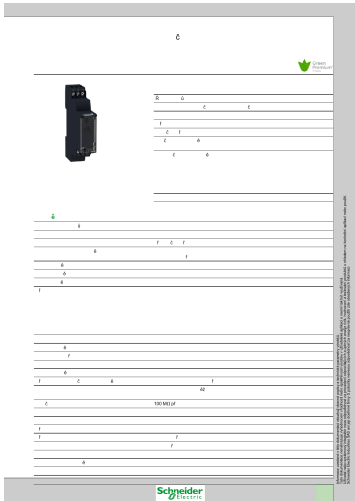
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Produktový list Časové relé Schneider Electric Zelio zpožděné sepnutí RE17RAMU K V ELEKTRO a s re17ramu kvelektro cz api products 1134316 images O |||

Technick produktov list Parametry **RE17RAMU** modul.cas.rel-zpoz.sep. - 1 s..100 h - 24..240 V AC - 1 ZV Informace uveden v tto dokumentaci obsahuj obecn popisy a technick parametry vrobk. Tato dokumentace nenahrazuje vyhodnocen vhodnosti nebo spolehlivosti vrobku v uzivatelsk aplikaci a nesm tak bt ...

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Produktdatenblatt Technische Daten **RE17RAMU** Zeitrelais ansprechverzger, 0,1 s- 100 h, Relais 1 W, 24 VDC/24-240VAC Verfgbarkeit : Lieferbar Haftungsausschluss: Diese Dokumentation dient nicht als Ersatz fr die Beurteilung der Eignung oder Verlsslichkeit dieser Produkte fr bestimmte Verwendungsbere...

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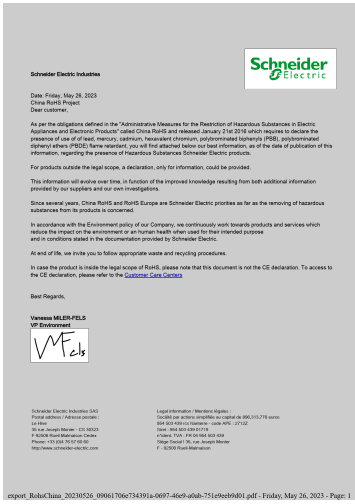
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34242;556 240V/24V AC/DC 1s : SCHNEIDER-ELECTRIC : ZELIO ID: 120209334

SKU: **RE17RAMU** EAN CODE: 3606480552670 mm mm Flashing ,. ,. Us AC 50 HZ . Us DC CO / 17,5mm 72mm 1s 240V 24V 1 mm Flashing ,. ,. On delay - Off delay . Us AC ...

lang:de **score:25** filesize: 48.03 K page_count: 1 document date: 2023-11-03



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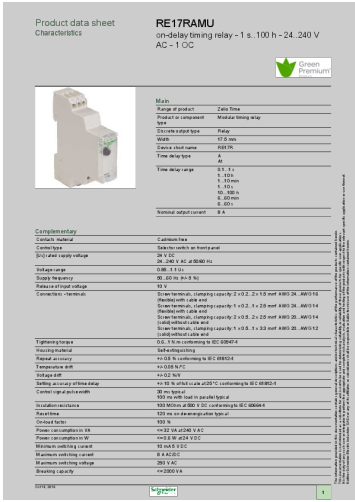
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Schneider Electric Industries Date: Friday, May 26, 2023 China RoHS Project Dear customer, As per ... ric Appliances and Electronic Products released January 21st

2016. Commercial ref. Range Brand **RE17RAMU** Harmony Timer Relays Schneider Electric Hazardous Substance Table Part Name Metal pa...

lang:en score:25 filesize: 208.89 K page_count: 2 document date: 2023-05-26



[pdf] Datasheet Documentation Catalog

Zelio Time RE17RAMU Catalogue Retriever Servlet Tele Datasheet Schneider Telemecanique 24V DC

ON Delay Timer Relay CEF tele re17ramu datasheet pdg cef co uk |||

Product data sheet Characteristics **RE17RAMU** on-delay timing relay - 1 s..100 h - 24..240 V AC - 1 OC The information provided in this documentation contains general

descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended...

lang:en score:24 filesize: 86.98 K page_count: 5 document date: 2016-10-14



[pdf] Datasheet Catalog

Zelio Time RE17RAMU Catalogue Retriever Servlet 1792223 br mouser datasheet 2 357 |||

Product data sheet Characteristics Complementary Contacts type and composition

Contacts material Con ... itching current Maximum switching current Maximum switching voltage Breaking capacity Aug 10, 2019 **RE17RAMU** on-delay timing relay -

1 s..100 h - 24..240 V AC - 1 OC Product availability: Stock - Nor...

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[pdf] Instructions Datasheet Warranty Diagram

Product datasheet RE17RAMU Characteristics on delay timing relay 1 s 100 h 24 240 V AC OC € Main Range of product Zelio Time or component type Modular end life instructions Available Contractual warranty Warranty period 18 months Width 17 5 mm Internal Wiring Diagram Function A Power Delay Relay Description The T begins energisation After the output R close second can be either timed instantaneous 0900766b8159189d docs rs online f2f9

Product datasheet Characteristics Complementary Contacts type and composition Contacts material Cont ... W Minimum switching current Maximum switching current Maximum switching voltage Breaking capacity **RE17RAMU** on-delay timing relay - 1 s..100 h - 24..240 V AC - 1 OC Main Range of product Product or ... lang:en **score:24** filesize: 199.39 K page_count: 4 document date: 0000-00-00

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Informations sur la régulation REACH dans les références commerciales Schneider Electric projet export REACH 20230526 0924202415650966 ff8a 4d94 9d8c a58c81aa616a schneider electric files p enDocType Declaration Doc Ref RE17RAMU DECLARATION FileName MY en GB ||| Schneider Electric Industries Date : vendredi 26 mai 2023 Projet REACH Cher Client, Schneider EI ... h : January 2023 candidate list Rf. commerciale : Gamme : Marque : Dsignation : SCIP ID : **RE17RAMU** Harmony Timer Relays Schneider Electric on-delay timing relay - 1 s..100 h - 24..240 V A... lang:fr **score:24** filesize: 197.41 K page_count: 2 document date: 2023-05-26

[pdf] Datasheet

RE17RAMU Product Datasheet Generator 0900766b815f9881 docs rs online 6013 ||| Fiche produit Caractéristiques Complémentaires Description des contacts Matriau des contacts Type de c ... somme en W Courant commut minimum Courant commut maximum Tension de coupure maximale 17 sept. 2017 **RE17RAMU** Zelio Time RE17 - relais tempo bifonction 1OF - 24Vcc 24 240Vca Statut commercial: Commer... lang:fr **score:24** filesize: 87.49 K page_count: 6 document date: 2017-09-17

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Zelio Time RE17RAMU ECAT Harmony RE17 relais tempo bifonction 1OF 24Vcc 24 a 240Vca Schneider Electric FICHE 1 ts 1671275118531 fra connect mo cloudinary net PRODUCT DOCUMENT 1887 |||

Fiche produit Caracteristiques Complimentaires Description des contacts Matriau des contacts Hauteur P ... en VA Puissance consomme maximale en W Courant commut minimum Courant commut maximum Jan 28, 2021 **RE17RAMU** Zelio Time RE17 - relais tempo bifonction 1OF - 24Vcc 24 240Vca Principales Gamme de prod... lang:fr score:24 filesize: 103.74 K page_count: 6 document date: 2021-01-28

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Zelio Time RE17RAMU Catalogue Retriever Servlet 2112934 farnell datasheets

Product data sheet Characteristics **RE17RAMU** on-delay timing relay - 1 s..100 h - 24..240 V AC - 1 OC The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended...

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[\[pdf\]](#) Specifications Datasheet Documentation

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Product datasheet Specifications Harmony, Modular timing relay, 8 A, 1 CO, 1 s..100 h, on delay, 24 V DC / 24...240 V AC/DC **RE17RAMU** 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 use...

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Product datasheet																																	
	on-delay timing relay - 1 s..100 h - 24..240 V AC - 1 OC																																
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Main <table> <tr> <td>Range of product</td><td>Harmony Timer Relays</td></tr> <tr> <td>Product or component type</td><td>Module timing relay</td></tr> <tr> <td>On-delay relay type</td><td>Relay</td></tr> <tr> <td>Width</td><td>17.2 mm</td></tr> <tr> <td>Device short name</td><td>OC100</td></tr> <tr> <td>Time delay type</td><td>Phase on delay</td></tr> <tr> <td>Time delay range</td><td>1..10 min 0.1..1 s 0.1..1 s 0.1..1 s 0.1..1 s 0.1..1 s</td></tr> <tr> <td>Nominal output current</td><td>0.5 A</td></tr> </table>		Range of product	Harmony Timer Relays	Product or component type	Module timing relay	On-delay relay type	Relay	Width	17.2 mm	Device short name	OC100	Time delay type	Phase on delay	Time delay range	1..10 min 0.1..1 s 0.1..1 s 0.1..1 s 0.1..1 s 0.1..1 s	Nominal output current	0.5 A																
Range of product	Harmony Timer Relays																																
Product or component type	Module timing relay																																
On-delay relay type	Relay																																
Width	17.2 mm																																
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Nominal output current	0.5 A																																
Complementary <table> <tr> <td>Connect type and components</td><td>1 C20</td></tr> <tr> <td>Contacts material</td><td>Cadmium-free</td></tr> <tr> <td>Height</td><td>60 mm</td></tr> <tr> <td>Depth</td><td>22 mm</td></tr> <tr> <td>Control type</td><td>Automatic (built-in reset)</td></tr> <tr> <td>Rated supply voltage</td><td>24..240 V AC 50/60 Hz</td></tr> <tr> <td>Voltage range</td><td>0..240 V</td></tr> <tr> <td>Supply frequency</td><td>50..60 Hz ± 5%</td></tr> <tr> <td>Release of input voltage</td><td>10 V</td></tr> <tr> <td>Connections - terminals</td><td>Some terminals: 2 x 0.5..2 x 0.5 mm² AWG 20..AWG 12 solid without cable and Some terminals: 2 x 0.5..2 x 0.5 mm² AWG 20..AWG 12 solid without cable and Some terminals: 2 x 0.5..2 x 0.5 mm² AWG 20..AWG 12 flexible with cable and Some terminals: 2 x 0.5..2 x 0.5 mm² AWG 20..AWG 12 flexible with cable and</td></tr> <tr> <td>Lightning surge</td><td>0.5..1 kV conforming to IEC 61000-4</td></tr> <tr> <td>Insulating material</td><td>Self-extinguishing</td></tr> <tr> <td>Rated autonomy</td><td>> 10 s conforming to IEC 61000-4</td></tr> <tr> <td>Temperature drift</td><td>< 0.05%/°C</td></tr> <tr> <td>Drift</td><td>< 0.2%</td></tr> <tr> <td>Setting accuracy of time delay</td><td>< 1% to 100 h at 20 °C conforming to IEC 61000-4</td></tr> </table>		Connect type and components	1 C20	Contacts material	Cadmium-free	Height	60 mm	Depth	22 mm	Control type	Automatic (built-in reset)	Rated supply voltage	24..240 V AC 50/60 Hz	Voltage range	0..240 V	Supply frequency	50..60 Hz ± 5%	Release of input voltage	10 V	Connections - terminals	Some terminals: 2 x 0.5..2 x 0.5 mm ² AWG 20..AWG 12 solid without cable and Some terminals: 2 x 0.5..2 x 0.5 mm ² AWG 20..AWG 12 solid without cable and Some terminals: 2 x 0.5..2 x 0.5 mm ² AWG 20..AWG 12 flexible with cable and Some terminals: 2 x 0.5..2 x 0.5 mm ² AWG 20..AWG 12 flexible with cable and	Lightning surge	0.5..1 kV conforming to IEC 61000-4	Insulating material	Self-extinguishing	Rated autonomy	> 10 s conforming to IEC 61000-4	Temperature drift	< 0.05%/°C	Drift	< 0.2%	Setting accuracy of time delay	< 1% to 100 h at 20 °C conforming to IEC 61000-4
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Please use "TechDraw" and refer to product's website document - check with your local distributor or dealer for actual price																																	
Aug 15, 2024	1																																

Schneider Electric Industries 	
Date: Saturday, May 20, 2023 Object: Schneider Electric RoHS declaration (RoHS) - Restriction of Hazardous Substances Dear Customer:	
Effective July 1st, 2006, the European Directive 2002/95/EC ("Restriction of Hazardous Substances" (RoHS)), in revised 2011/65/EU of June 16, 2011, the European Directive 2011/65/EU of June 16, 2011, restricts the use in Europe of certain electrical and electronic equipment of lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB), polybrominated diphenyl ethers (PBDE) flame retardants, and hexavalent chromium (2011/65/EU). Such equipment of electrical (DEEP), such as power relays (DEEP), should therefore comply with the RoHS Directive.	
Schneider Electric declares to make RoHS compliance of its products one of its priorities, even if they do not fall in RoHS scope, and most of Schneider Electric products are RoHS compliant. This stance is fully in line with Schneider Electric environmental policy and EN IEC 60000-2018 standard.	
The information below provides the current product status according to regulation in force at the date of publication of this present document. Any future changes, either in product design or in the Directive may change the status reported here. In case the product is made for legal design of RoHS, please refer to this document for the CE declaration. To comply to the CE declaration, please refer to the RoHS Declaration (RoHS Declaration) in the list of the sustainable development policy of our company, we continuously work towards products and services which reduce the impact on environment or human health when used for their intended purpose and in conformity with the documentation provided by Schneider Electric.	
In the following declaration, a "Proactive compliance" wording means that the product is not an EEE or not in the legal scope of the regulation, but it is in line with the substance restrictions and corresponding exemptions.	
Should you need any further information or have specific questions (eg. related to phase out products), our Customer Care Centers will support you. Please Note: You can find more information about Schneider Electric environmental commitment on Ecopass Product website	
Best Regards,	
Vanessa MELER-FELS VP Environment 	
Global Safety, Environment & Real Estate Senior Vice President Schneider Electric Industries SAS	
Schneider Electric Industries SAS Product address / Adresse postale La Roche 10 rue de la Roche - 91100 Evry France 91100 Evry France 91100 Evry France 91100 Evry France 91100 Evry	
Legal information / Informations légales Société par actions simplifiée au capital de 600,011,778 euros RCS 302 302 302 - code NAF 2722Z SIREN 302 302 302 K1500000000 France 91100 Evry France 91100 Evry France 91100 Evry France 91100 Evry	
report: RoHS_20230520_11511715dcda59e79cb68400a9bde9cb5ee7c5c0f.pdf - Saturday, May 20, 2023 - Page: 1	

Product data sheet	RE17RAMU																																
Characteristics	on-delay timing relay - 1 s..100 h - 24..240 V AC - 1 OC																																
																																	
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[pdf] Specifications Datasheet Documentation

Product DataSheet RE17RAMU se eg en product |||

Product datasheet Specifications on-delay timing relay - 1 s..100 h 24..240 V AC - 1 OC **RE17RAMU** 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 Main Range of produc...

lang:en score:24 filesize: 203.95 K page_count: 10 document date: 2024-08-16

[pdf] Declaration of Conformity

RoHS information on commercial references Schneider Electric Project RE17RAMU Harmony Time RE17 relais tempo bifonction 1OF 24Vcc 24 à 240Vca Professionnels France export 20230520

15151715dcda59e79cb68400a9bde9cb5ee7c5c0f schneider electric files p enDocType Declaration of Conformity Sustainability Doc Ref ROHS DECLARATION FileName FR fr |||

Schneider Electric Industries Date: Saturday, May 20, 2023 Object: Schneider Electric RoHS declara ... eet are related to the following version of the RoHS directive: 2011/65/EU Commercial ref. Brand **RE17RAMU** Schneider Electric Range Product description Harmony Timer Relays Compliance status RoH...

lang:en score:24 filesize: 219.29 K page_count: 3 document date: 2023-05-20

[pdf] Datasheet Documentation

Schneider Electric RE17RAMU on delay timing relay 1 s 100 h 24 240 V AC OC Industry Electronics 574642 industry electronics disclaimer url |||

Product data sheet Characteristics **RE17RAMU** on-delay timing relay - 1 s..100 h - 24..240 V AC 1 OC 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 Main Range of pro...

lang:en score:23 filesize: 63.82 K page_count: 3 document date: 2017-05-21

lang:en score:23 filesize: 178.15 K page count: 4 document date: 2020-03-08

Product data sheet	RE17RAMU
Characteristics	Harmony. Modular timing relay, 8 A, 1 CO, 1 s..100 h, on delay, 24 V DC / 24...240 V AC/DC
	
Main	
Range of product	Harmony Time Delayers
Product or component	Load function relay
Model	RE17
Discrete output type	Relay
Width	17.5 mm
Device short name	RE17H
Time delay type	On-delay
Time delay range	1 s..100 h 1 s..1 h 1 min 1 s..10 s
Internal output current	8 A
Complementary	
Contacts type and composition	1 CDO
Contacts material	Cadmium-free
Height	50 mm
Depth	25 mm
Control type	Selector switch front panel
EMC input voltage	24...240 V AC/DC/DC
Voltage range	0.05...1 V DC
Switch frequency	50...100 Hz < 5 %
Rated input voltage	0.05...1 V DC
Connections - terminals	5 screw terminals, 1 x 0.5...1.4 x 3.5 mm ² AWG 24...AWG 12 (solid without cable end) 5 screw terminals, 2 x 0.5...1.4 x 3.5 mm ² AWG 24...AWG 12 (solid without cable end) 5 screw terminals, 1 x 0.5...1.4 x 3.5 mm ² AWG 24...AWG 12 (solid without cable end) 5 screw terminals, 2 x 0.5...1.4 x 3.5 mm ² AWG 24...AWG 12 (solid without cable end) 5 screw terminals, 1 x 0.5...1.4 x 3.5 mm ² AWG 24...AWG 12 (solid without cable end) 5 screw terminals, 2 x 0.5...1.4 x 3.5 mm ² AWG 24...AWG 12 (solid without cable end)
Lighting button	On-delay
Reset button	On-delay
Temperature at 0 °C	10...55 °C
Temperature at 0 °C	10...55 °C
Voltage at 0 °C	10...55 °C
Switching frequency of time delay	10...55 °C
Control signal pulse width	10...55 °C
Insulation resistance	100 MΩ min. at 50 °C, 50 % RH
Rated time	100 MΩ min. at 50 °C, 50 % RH
On-delay time	100 MΩ min. at 50 °C, 50 % RH
Power consumption in VA	0.5 VA at 240 V AC
Maximum power consumption in W	0.5 W at 240 V AC
Maximum switching current	10 A at 24 V DC
Maximum switching voltage	240 V AC
Maximum switching capacity	240 V AC
EMC type	RE17H

Product data sheet	RE17RAMU
Characteristics	on-delay timing relay - 1 s..100 h - 24..240 V AC - 1 OC
	
Main	
Range of product	Time Delayers
Product or component	Modular timing relay
Model	RE17
Discrete output type	Relay
Width	17.5 mm
Device short name	RE17H
Time delay type	On-delay
Time delay range	1 s..100 h 1 s..1 h 1 min 1 s..10 s
Internal output current	8 A
Complementary	
Contacts type and composition	1 CDO
Contacts material	Cadmium-free
Height	50 mm
Depth	25 mm
Control type	Selector switch front panel
EMC input voltage	24...240 V AC/DC/DC
Voltage range	0.05...1 V DC
Switch frequency	50...100 Hz < 5 %
Rated input voltage	0.05...1 V DC
Connections - terminals	5 screw terminals, 1 x 0.5...1.4 x 3.5 mm ² AWG 24...AWG 12 (solid without cable end) 5 screw terminals, 2 x 0.5...1.4 x 3.5 mm ² AWG 24...AWG 12 (solid without cable end) 5 screw terminals, 1 x 0.5...1.4 x 3.5 mm ² AWG 24...AWG 12 (solid without cable end) 5 screw terminals, 2 x 0.5...1.4 x 3.5 mm ² AWG 24...AWG 12 (solid without cable end) 5 screw terminals, 1 x 0.5...1.4 x 3.5 mm ² AWG 24...AWG 12 (solid without cable end) 5 screw terminals, 2 x 0.5...1.4 x 3.5 mm ² AWG 24...AWG 12 (solid without cable end)
Lighting button	On-delay
Reset button	On-delay
Temperature at 0 °C	10...55 °C
Temperature at 0 °C	10...55 °C
Voltage at 0 °C	10...55 °C
Switching frequency of time delay	10...55 °C
Control signal pulse width	10...55 °C
Insulation resistance	100 MΩ min. at 50 °C, 50 % RH
Rated time	100 MΩ min. at 50 °C, 50 % RH
On-delay time	100 MΩ min. at 50 °C, 50 % RH
Power consumption in VA	0.5 VA at 240 V AC
Maximum power consumption in W	0.5 W at 240 V AC
Maximum switching current	10 A at 24 V DC
Maximum switching voltage	240 V AC
Maximum switching capacity	240 V AC
EMC type	RE17H

Product data sheet	RE17RAMU
Characteristics	on-delay timing relay - 1 s..100 h - 24..240 V AC - 1 OC
	
Main	
Range of product	Time Delayers
Product or component	Modular timing relay
Model	RE17
Discrete output type	Relay
Width	17.5 mm
Device short name	RE17H
Time delay type	On-delay
Time delay range	1 s..100 h 1 s..1 h 1 min 1 s..10 s
Internal output current	8 A
Complementary	
Contacts type and composition	1 CDO
Contacts material	Cadmium-free
Height	50 mm
Depth	25 mm
Control type	Selector switch front panel
EMC input voltage	24...240 V AC/DC/DC
Voltage range	0.05...1 V DC
Switch frequency	50...100 Hz < 5 %
Rated input voltage	0.05...1 V DC
Connections - terminals	5 screw terminals, 1 x 0.5...1.4 x 3.5 mm ² AWG 24...AWG 12 (solid without cable end) 5 screw terminals, 2 x 0.5...1.4 x 3.5 mm ² AWG 24...AWG 12 (solid without cable end) 5 screw terminals, 1 x 0.5...1.4 x 3.5 mm ² AWG 24...AWG 12 (solid without cable end) 5 screw terminals, 2 x 0.5...1.4 x 3.5 mm ² AWG 24...AWG 12 (solid without cable end) 5 screw terminals, 1 x 0.5...1.4 x 3.5 mm ² AWG 24...AWG 12 (solid without cable end) 5 screw terminals, 2 x 0.5...1.4 x 3.5 mm ² AWG 24...AWG 12 (solid without cable end)
Lighting button	On-delay
Reset button	On-delay
Temperature at 0 °C	10...55 °C
Temperature at 0 °C	10...55 °C
Voltage at 0 °C	10...55 °C
Switching frequency of time delay	10...55 °C
Control signal pulse width	10...55 °C
Insulation resistance	100 MΩ min. at 50 °C, 50 % RH
Rated time	100 MΩ min. at 50 °C, 50 % RH
On-delay time	100 MΩ min. at 50 °C, 50 % RH
Power consumption in VA	0.5 VA at 240 V AC
Maximum power consumption in W	0.5 W at 240 V AC
Maximum switching current	10 A at 24 V DC
Maximum switching voltage	240 V AC
Maximum switching capacity	240 V AC
EMC type	RE17H

[pdf] Datasheet Documentation

RE17RAMU ECAT IEC 61000 4 2 Electrostatic discharge immunity test in air level 3 8 kV conforming to Susceptibility electromagnetic fields 80 document ops ecat schneider electric Pdf do conf eref dist Id myse prd id scp WW en |||

Product data sheet Characteristics **RE17RAMU** Harmony, Modular timing relay, 8 A, 1 CO, 1 s..100 h, on delay, 24 V DC / 24...240 V AC/DC The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. ...

lang:en score:23 filesize: 151.54 K page_count: 7 document date: 2023-09-01

[pdf] Datasheet Documentation

Download Square D by Schneider RE17RAMU 240V 8A 1NO 1NC SPDT 1Second to 100HR Timing Relay SQAREDE80155 1 5 images tradeservice ATTACHMENTS DIR100101 |||

Product data sheet Characteristics **RE17RAMU** on-delay timing relay - 1 s..100 h - 24..240 V AC 1 OC 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 Main Range of pro...

lang:en score:23 filesize: 103.77 K page_count: 9 document date: 2019-03-07

[pdf] Datasheet Catalog

Zelio Time RE17RAMU Catalogue Retriever Servlet 06584a2069b0613c439541dbe95dbc52 assets allieelec v1584633254 Datasheets |||

Product data sheet Characteristics Complementary Contacts type and composition Contacts material Hei ... ion in W Minimum switching current Maximum switching current Maximum switching voltage Jan 4, 2020 **RE17RAMU** on-delay timing relay - 1 s..100 h - 24..240 V AC - 1 OC Product availability: Stock - Nor...

lang:en score:23 filesize: 101.5 K page_count: 6 document date: 2020-01-04

Product data sheet
Characteristics

RE17RAMU
Modular timing relay, 8 A, 1 CO, 1 s..100 h, on delay, 24...240 V AC

 **SCHNEIDER ELECTRIC**



Main

Range of product	Zelio Time
Product or component	Modular timing relay
Width	17.8 mm
Maximum height	86 mm (17.5 mm)
Maximum screw torque	0.5 Nm
Time delay type	On

Time delay range	1...10 s 1...100 h 0.1...1 s 0.1...10 s 0.1...10 h
------------------	--

Nominal output current **8 A**

Complementary

Contact type and composition

Contact material

Height

Depth

Contact type

[U] rated supply voltage

[U] rated voltage

Voltage range

Supply frequency

Release of input voltage

Connections - terminals

1 CO

Cadmium-free

17.8 mm

23.0 mm (22 mm)

Selector switch on base panel

24...240 V AC 50/60 Hz

24...240 V AC

0.05...1.1 V

50...60 Hz (+/- 5 %)

10 V

Screw terminals, 1 x 0.5...1 x 0.5 mm² AWG 30...AWG 12 (solid without cable end)

Screw terminals, 1 x 0.5...1 x 0.5 mm² AWG 30...AWG 14 (Solid with cable end)

On

On

Push button

Push button

T1

-10...50 °C

V1

50...60 Hz (+/- 5 %)

10 ms at 100 V AC (0.1...1 s)

100 mV at 100 V AC (0.1...1 s)

100 mV at 100 V AC (0.1...1 s)

100 W at 240 V AC

8 A

0.3 VA at 240 V AC

0.3 W at 240 V AC

10 A at 240 V AC

240 V AC

1000 VA

03/17 (01/2017)

 **SCHNEIDER ELECTRIC**

RE17RAMU is a registered trademark of Schneider Electric in several countries.

Planilha de Produto Características	RE17RAMU Relé temporizador modular, 8A, 1NAF, 0,1s..100h, função dupla - atraso na energização, 24VCC / 24...240VCA	
		
Principais		
Intervalo de produto	Zelio Temporizadores Zelio	
Tipo de produto ou	Relé de função dupla	
Temporizador	On	
Tipo de relé digital	Relé	
Altura	17,8 mm	
Altura máxima do	86 mm (17,5 mm)	
Altura máxima do	0,5 Nm	
Tipo de relé	Atraso na ligação	
Intervalo de tempo	1...10 s	
	1...100 h	
	0,1...1 s	
	0,1...10 s	
	0,1...10 h	
Condição de relé		
On		
Complementar		
Tipo e composição dos contatos	1 CO	
Material de contato	Sem cádmio	
Altura	17,8 mm	
Profundidade	23,0 mm (22 mm)	
Tipo de contato	Comutador painel frontal	
Tensão máxima admissível [U]	24...240 V AC 50/60 Hz	
Tensão máxima admissível [U]	24...240 V AC	
Frequência de alimentação	50...60 Hz (+/- 5 %)	
Frequência de alimentação	10 V	
Condição de relé	Screw terminals, 1 x 0.5...1 x 0.5 mm ² AWG 30...AWG 12 (Solid with cable end)	
	Screw terminals, 1 x 0.5...1 x 0.5 mm ² AWG 30...AWG 14 (Solid with cable end)	
Timing function	On	
	On	
Reset method	Push button	
Reset element	Push button	
Temperature class	T1	
Temperature range	-10...50 °C	
Voltage class	V1	
Supply frequency of time delay	50...60 Hz (+/- 5 %)	
Control signal pulse width	10 ms	
Residual voltage	100 mV at 100 V AC	
	100 mV at 100 V AC	
Rated power	100 W at 240 V AC	
Rated current	8 A	
Rated consumption at VA	0,3 VA at 240 V AC	
Maximum power consumption at W	0,3 W at 240 V AC	
Maximum switching current	10 A at 240 V AC	
Maximum switching voltage	240 V AC	
Switching capacity	1000 VA	
IP rating	IP20	
Negative		

Product data sheet
Characteristics

RE17RAMU
on-delay timing relay - 1 s..100 h - 24...240 V AC - 1 CO

Main

Range of product	Zelio Time
Product or component type	Modular timing relay
Maximum width	17.8 mm
Maximum height	86 mm
Time delay type	On
Time delay range	1...10 s
	1...100 h
	0.1...1 s
	0.1...10 s
	0.1...10 h
Standard output current	8 A

Complementary

Contact type and composition	1 CO
Contact material	Cadmium-free
Contact type	Selector switch on base panel
[U] rated supply voltage	24...240 V AC 50/60 Hz
[U] rated voltage	24...240 V AC
Voltage range	0.05...1.1 V
Supply frequency	50...60 Hz (+/- 5 %)
Release of input voltage	10 V
Connections - terminals	Screw terminals, clamping capacity 1 x 0.5...1 x 0.5 mm ² AWG 30...AWG 12 (solid without cable end)
	Screw terminals, clamping capacity 1 x 0.5...1 x 0.5 mm ² AWG 30...AWG 14 (Solid with cable end)
Timing function	On
Reset method	Push button
Reset element	Push button
Temperature class	T1
Temperature range	-10...50 °C
Voltage class	V1
Supply frequency of time delay	50...60 Hz (+/- 5 %)
Control signal pulse width	10 ms
Residual voltage	100 mV at 100 V AC
Rated power	100 W at 240 V AC
Rated current	8 A
Rated consumption at VA	0.3 VA at 240 V AC
Maximum power consumption at W	0.3 W at 240 V AC
Maximum switching current	10 A at 240 V AC
Maximum switching voltage	240 V AC
Switching capacity	1000 VA
IP rating	IP20
Negative	

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Image is not representative of the actual product. © Schneider Electric 2014

[pdf] Datasheet Documentation

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Product data sheet Characteristics **RE17RAMU** Modular timing relay, 8 A, 1 CO, 1 s..100 h, on delay, 24...240 V AC The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is ...

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[pdf] Datasheet

RE17RAMU ECAT document eref se br pt web product data sheet |||

Planilha de Produto Características **RE17RAMU** Rel temporizador modular, 8A, 1NAF, 0,1s...100h, funo dupla - atraso na energizao, 24VCC / 24...240VCA A informao fornecida neste documento contm descries gerais e/ou caractersticas tcnicas do desempenho dos produtos contidos neste documento. Este docume... lang:pt score:22 filesize: 153.29 K page_count: 7 document date: 2023-05-18

[pdf] Datasheet Documentation

Datasheet 0 1MB Time Delay Relay 1CO Function A 1s 100Hr 24VDC 24 240V MM Electrical

Merchandising Clipsal RE17RAMU on delay Timing media mmem au Datasheets |||

Product data sheet Characteristics **RE17RAMU** on-delay timing relay - 1 s..100 h - 24..240 V AC 1 OC 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 Main Range of pro...

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[\[pdf\]](#) Specifications Datasheet Documentation Catalog

RE17RAMUS ECAT Specification Sheet Harmony Modular timing relay 8 A 1 CO s 100 h on delay
Crescent Electric Supply Company sqd re17ramus specsheet 16 crescentelectric 49ffda globalassets
catalogs 171 17159 17159c47 5231 409d bf14 484d9c3b08a3222 484d9c3b08a322225 |||

Product data sheet Characteristics **RE17RAMUS** Harmony, Modular timing relay, 8 A, 1 CO, 1 s..100 h, on delay, spring terminals, 24 V DC / 24...240 V AC/DC The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products...

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[\[pdf\]](#) Decleration of Conformity

Microsoft Word ENVPEP121117EN V1 docx SESA39313 RE17 Timer Relays Product Environmental Profile English 2014 10 20 2270 KB Square D RE17RAMU Province Electric Supply

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Product Environmental Profile Zelio RE17... Timer Relays Product Environmental Profile PEP Produc ... or mounting on DIN rails in an enclosure. The representative product used for the analysis is Zelio **RE17RAMU**. The environmental impacts of this referenced product are representative of the impacts of ...

lang:en score:22 filesize: 2.22 M page count: 5 document date: 2014-10-20



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RE17RAMU ECAT Schneider Harmony RelaysRE17RAMU documentmedia province electric schneider
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Product data sheet Characteristics **RE17RAMU** dual function relay, Harmony Timer
Relays, 8A, 1CO, 1s..100h, on delay, 24V DC or 24...240V AC DC The information
provided in this documentation contains general descriptions and/or technical
characteristics of the performance of the products contained h...

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