

RHR411U

off-delay timing relay with suppressor - 0.2..300 s - 4 C/O standard - 240 V AC



Main

Range of product	Zelio Relay
Product or component type	Plug-in relay Timing relay
Device short name	RHR
Contacts type and composition	4 C/O
Contacts operation	Standard
Control circuit voltage	240 V AC, 50/60 Hz
Time delay type	Off-delay
Time delay range	0.2...3 s 1.5...30 s 15...300 s
[Ithe] conventional enclosed thermal current	5 A at $\leq 40^{\circ}\text{C}$
Status LED	With
Control type	Selector switch
Coil interference suppression	With

Complementary

[Ui] rated insulation voltage	250 V
Operating position	Any position
Minimum switching capacity	150 mVA at 10 mA / 1 V
Contact bounce time	≤ 10 ms
Voltage drop	≤ 100 V for 3 A at 24 V
Average resistance	30 mOhm at 20°C
Switching time	0.5...6 ms AC for de-energisation/energisation 1...3 ms AC for energisation/de-energisation
Average consumption in VA	3.5 at 20°C
Control circuit voltage limits	0.8...1.1 U_c conforming to IEC 60255
Mechanical durability	20000000 cycles
Repeat accuracy	$\pm 1\%$
Setting accuracy of time delay	$\pm 15\%$ of full scale
Reset time	≤ 100 ms
CAD overall width	33 mm
CAD overall height	43 mm
CAD overall depth	108 mm
Terminals description ISO n°1	(11-12-14)OC (21-22-24)OC (31-32-34)OC (41-42-44)OC (B1-A2-B2)CO
Product weight	0.13 kg

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 as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

Standards	IEC 60255 NF C 45-250 VDE 0435
Product certifications	ASE BV CSA EDF USSR
Protective treatment	TC
Dielectric strength	2500 V
Ambient air temperature for operation	-5...40 °C conforming to IEC 60255
Ambient air temperature for storage	-40...70 °C
Vibration resistance	6 gn (f = 10...55 Hz) conforming to NF C 20-616 6 gn (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn for 11 ms conforming to NF C 20-608
Immunity to microbreaks	<= 2 ms after time delay <= 10 ms during time delay