



Main

Range of product	Zelio Relay
Product or component type	Plug-in relay Timing relay
Device short name	RHT
Contacts type and composition	4 C/O
Contact operation	Low level
[Uc] control circuit voltage	220 V AC, 50/60 Hz
Time delay type	On-delay
Time delay type	15...300 s 0.2...3 s 1.5...30 s
[Ithe] conventional enclosed thermal current	1 A at $\leq 40\text{ }^{\circ}\text{C}$
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	50 mVA at 1 mA / 1 V
Contact bounce time	$\leq 10\text{ ms}$
Voltage drop	$\leq 100\text{ V}$ for 3 A at 24 V
Average resistance	30 mOhm at $20\text{ }^{\circ}\text{C}$
Switching time	1...3 ms AC for energisation/de-energisation 0.5...6 ms AC for de-energisation/energisation
Average coil consumption in VA	3.5 at $20\text{ }^{\circ}\text{C}$
Control circuit voltage limits	0.8...1.1 U _c conforming to IEC 60255
Mechanical durability	20000000 cycles
Repeat accuracy	+/- 1 %
Setting accuracy of time delay	+/- 15 % of full scale
Reset time	$\leq 100\text{ ms}$
CAD overall width	33 mm

CAD overall height	43 mm
CAD overall depth	108 mm
Terminals description ISO n°1	(21-22-24)OC (11-12-14)OC (41-42-44)OC (31-32-34)OC (A1-A2)CO
Product weight	0.13 kg

Environment

Standards	NF C 45-250 IEC 60255 VDE 0435
Product certifications	USSR CSA EDF ASE BV
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 IEC 60068-2-6 6 gn (f = 10...55 Hz) conforming to NF C 20-616
Shock resistance	50 gn for 11 ms conforming to NF C 20-608
Immunity to microbreaks	<= 10 ms during time delay <= 2 ms after time delay

Contractual warranty

Warranty period	18 months
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