

# Product datasheet

Specifications



on-delay timing relay with  
suppressor - 0.2..300 s - 4 C/O  
standard - 220 V AC

RHT411M

⚠ Discontinued on: 5 May 2016

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## Main

Range of product	Zelio Relay
Product or component type	Timing relay Plug-in relay
Device short name	RHT
Contacts type and composition	4 C/O
Contact operation	Standard
[Uc] control circuit voltage	220 V AC 50/60 Hz
Time delay type	On-delay
Time delay range	0.2...3 s 15...300 s 1.5...30 s
[Ithe] conventional enclosed thermal current	5 A 40 °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
Maximum voltage drop	<100 V for 3 A at 24 V
Average resistance	30 mOhm at 20 °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 °C
Control circuit voltage limits	0.8...1.1 U <sub>c</sub> conforming to IEC 60255
Mechanical durability	20000000 cycles
Repeat accuracy	+/- 1 %
Setting accuracy of time delay	+/- 15 % of full scale
Reset time	100 ms
CAD overall width	33 mm

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

## Environment

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

## Contractual warranty

<b>Warranty (in months)</b>	18
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## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Use Longer



#### Lifetime extension

Repair

No