RHT418B

on-delay timing relay with suppressor - 0.2..300 s - 4 C/O standard - 24 V AC/DC

Main

Commercial Status	Commercialised
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
Contacts operation	Standard
Control circuit voltage	24 V AC/DC, 50/60 Hz
Time delay type	On-delay
Time delay range	0.2...3 s 1.5...30 s 15...300 s
[Ithe] conventional enclosed thermal current	5 A at <= 104 °F (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
Voltage drop	<= 100 V for 3 A at 24 V
Average resistance	30 mOhm at 68 °F (20 °C)
Switching time	1.2...4 ms DC de-energisation/energisation 0.5...6 ms AC de-energisation/energisation 1...4 ms DC energisation/de-energisation 1...3 ms AC energisation/de-energisation
Average consumption in W	2.5 W at 68 °F (20 °C)
Average consumption in VA	2.9 at 68 °F (20 °C)
Control circuit voltage limits	0.8...1.1 Uc 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	1.3 in (33 mm)
CAD overall height	1.69 in (43 mm)
CAD overall depth	4.25 in (108 mm)
Terminals description ISO n°1	(11-12-14)OC (21-22-24)OC (31-32-34)OC (41-42-44)OC (A1-A2)CO
Product weight	0.29 lb(US) (0.13 kg)

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	23...104 °F (-5...40 °C) conforming to IEC 60255
Ambient air temperature for storage	-40...158 °F (-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 11 ms conforming to NF C 20-608
Immunity to microbreaks	<= 2 ms after time delay <= 10 ms during time delay

Ordering and shipping details

Category	18073 - SPARE PARTS DISCOUNT I
Discount Schedule	CP2
GTIN	00785901090731
Nbr. of units in pkg.	1
Returnability	N
Country of origin	FR

Schneider Electric