



B216031

Faserelé 220-240V 3Fas

Partnumber: RM4TR31

Wholesalernumber: 4171825

EAN 13 code: 3389110335910

three-phase network control relay RM4-T - range 160..220 V

Technical information

► Usage / Application

product specific application

for 3-phase supply

► Functional

relay monitored parameters

overvoltage and undervoltage detection

phase failure detection

phase sequence

time delay

adjustable 0.1...10 s

control threshold overvoltage

220...300 V

output contacts

2 C/O

measurement range

160...300 V

setting accuracy of the switching threshold

+/-3 %

setting accuracy of time delay

10 P. Points

time delay drift

<= 0.07 % per degree centigrade depending on the rated operational temperature

<= 0.5 % within the measuring range

hysteresis

5 % fixed of de-energisation threshold

measuring cycle

<= 80 ms

marking

CE : EMC 89/336/EEC

CE : LVD 73/23/EEC

operating position

any position without

terminals description ISO n°1

(15-16-18)OC

(25-26-28)OC

(L1-L2-L3)CO

contacts type and composition

2 C/O

output relay state

tripped, fault present

► Electrical

[Us] rated supply voltage

220...240 V 50/60 Hz

control threshold undervoltage

160...220 V

switching threshold drift

<= 0.06 % per degree centigrade depending permissible ambient air temperature

<= 0.5 % within the measuring range

overvoltage category

III conforming to IEC 60664-1

[Ui] rated insulation voltage

500 V conforming to IEC

supply frequency

50/60 Hz +/- 5 %

[Ith] conventional free air thermal current

8 A

[Ie] rated operational current

2 A at 70 °C 24 V DC-13 conforming to IEC 60947-5-1/1991

2 A at 70 °C 24 V DC-13 conforming to VDE 0660

3 A at 70 °C 115 V AC-15 conforming to IEC 60947-5-1/1991

3 A at 70 °C 115 V AC-15 conforming to VDE 0660

3 A at 70 °C 24 V AC-15 conforming to IEC 60947-5-1/1991

3 A at 70 °C 24 V AC-15 conforming to VDE 0660

3 A at 70 °C 250 V AC-15 conforming to IEC 60947-5-1/1991

3 A at 70 °C 250 V AC-15 conforming to VDE 0660

0.1 A at 70 °C 250 V DC-13 conforming to IEC 60947-5-1/1991

	0.1 A at 70 °C 250 V DC-13 conforming to VDE 0660
	0.3 A at 70 °C 115 V DC-13 conforming to IEC 60947-5-1/1991
	0.3 A at 70 °C 115 V DC-13 conforming to VDE 0660
switching capacity in mA	10 mA at 12 V
switching voltage	<= 440 V AC
	250 V AC
poles description	3P
► Performance	
run up delay at power up	< 650 s
mechanical durability	30000000 cycles cycles
► Connections	
electrical connection	2 conductors cable 1.5 mm ² flexible with cable end conforming to IEC 60947-1
	2 conductors cable 2.5 mm ² flexible without cable end conforming to IEC 60947-1
number of cables	2
► Product identification	
range of product	Zelio Control
product or component type	industrial measurement and control relays
relay type	control relay
relay name	RM4-T
► Physical characteristics	
width	22.5 mm mm
tightening torque	0.6...1.1 N.m
contacts material	90/10 silver nickel contacts
CAD overall width	23 mm mm
CAD overall height	78 mm mm
CAD overall depth	80 mm mm
9 mm pitches	2.5
product weight	0.11 kg kg
► Environment	
ambient air temperature for storage	-40...85 °C °C
ambient air temperature for operation	-20...65 °C °C
relative humidity	15...85 % 3K3 conforming to IEC 60721-3-3
vibration resistance	0.35 ms (f = 10...55 Hz conforming to IEC 60068-2-6
shock resistance	15 gn for 11 ms conforming to IEC 60068-2-27
IP degree of protection	IP20 (terminals) conforming to IEC 60529
	IP50 (casing) conforming to IEC 60529
pollution degree	3 conforming to IEC 60664-1
dielectric test voltage	2.5 kV
non-dissipating shock wave	4.8 kV
resistance to electrostatic discharge	6 kV contact conforming to IEC 61000-4-2 level 3
	8 kV air conforming to IEC 61000-4-2 level 3
resistance to electromagnetic fields	10 V/m conforming to IEC 61000-4-3 level 3
resistance to fast transients	2 kV conforming to IEC 61000-4-4 level 3
protection against electric shocks	2 kV conforming to IEC 61000-4-5 level 3
disturbance radiated/conducted	CISPR11 group 1- class A
	CISPR22 - class A
► Certifications and standards	
standards	EN/IEC 60255-6
product certifications	CSA
	GL
	UL

Supplier information

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