

Type:	RMC-122D <i>uni-line</i> current relays for 35 mm DIN rail or base mounting
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Technical specifications	
* Measuring range (I_n):	0.3-0.4-0.5-0.6-0.8-1.0-1.3-1.5-2.0-2.5-3.0-4.0-5.0A AC
* adjusted ranges	75...100% of I_n
Frequency range:	40...45...65...70Hz
* Short circuit current:	1.0...4.0 x I_n . Time delay: (0-T1) in seconds 0...1/0...5/0...10s
* Overcurrent:	0.5...1.5 x I_n . Time delay: (0...T2) in seconds 0...20/0...60/0...120s
Max. input current:	4 x I_n continuously, 20 x I_n for 10 s (max. 75A) 80 x I_n for 1 s (max. 300A)
Load:	Max. 0.3VA per phase.
* Contact output(s):	1(2) maximum contact(s) (3 pole change-overs).
Contact ratings:	250V-8A-2000VA (AC). 24V-8A-200W (DC). 200 x 10 ³ change-overs at resistive load.
Contact voltage:	Max. 250V (AC). Max. 150V (DC).
Hysteresis:	2% of full scale (F.S.)
Response time:	<50 ms short circuit current <500 ms overcurrent
Temperature drift:	Set points: max. 0.2% of full scale per 10°C
* Supply voltage (U_n):	57.7-63.5-100-110-127-200-220-230-240-380-400-415-440-450-660-690V AC \pm 20% (max. 3.5VA) 24-48-110-220V DC -25/+30% (max. 2W)

Type test specifications	Tested according to:	
Insulation:	500V DC, >100M Ω	DNV, GL and LR
Vibration:	2...13.2Hz: 3 mm 13.2...100Hz: 1.0 g	IEC 60068-2-6 & IACS E10
Shock:	50g 11msec, half sine (in all 3 axes)	IEC 60068-2-27, test: Ea
Climate:	97% RH	IEC 60068-2-30, test Db
Protection:	Case: IP40 Terminals: IP20	IEC/EN 60529
Temperature:	-10...55°C (nominal) -25...70°C (operating) -40...70°C (storage)	IEC 60068-2-1 IEC 60068-2-2 DNV, GL and LR
Test voltage:	3250V/2200V-50Hz-1 min between inputs and outputs	IEC/EN 61010-1 CAT III 600V Poll. degree 2
EMC:	Immunity	EN 61000-6-1/2 IEC 60255-26
	Emission	EN 61000-6-3/4 IEC 60255-26

*) Tested on all units according to specifications. All AC measurements are tested at 55Hz.
Remaining specifications are tested regularly by test sampling.



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