

Type: RMV-122D *uni-line* overvoltage relays
 RMV-132D *uni-line* undervoltage relays
 for 35 mm DIN rail or base mounting

Technical specifications

* Measuring voltage (U_n):	57.7-63.5-100-110-127-200-220-230-240-380-400-415-440-450-660-690V AC $\pm 20\%$ Load: 2k Ω /V (Note 1)
Permissible overvoltage:	1.2 x U_n , continuously. 2 x U_n for 10 s
Frequency range:	40...45...65...70Hz
* Nominal frequency: (f_n):	50Hz or 60Hz
* Outputs:	RMV-122D: 2 maximum contacts RMV-132D: 2 minimum contacts 1 change-over switch per relay
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).
* Settings:	RMV-122D: 100...120% of U_n RMV-132D: 00...100% of U_n
* Time delay:	0.5...10 s
Hysteresis:	1...10% of U_n
Response time:	<100 ms.
* 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)

Note 1) Measuring voltage 660V AC and 690V AC only for units for AC supply voltage.

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	DNV, GL and LR test 1
Shock:	50g, 11ms half-sine. 6 attempts (in 3 directions)	IEC 68-2-27, test: Ea
Climate:	HSE	DIN 40040
Protection:	Case: IP40 Terminals: IP20	IEC/EN 60529
Temperature:	-10...55°C (nominal) -25...70°C (operating) -40...70°C (storage)	DNV, GL and LR
Test voltage:	2200/3250V-50Hz-1 min between inputs and outputs	IEC/EN 61010-1
EMC:	Immunity	SS4361503 – PL 4 , IEC 255-22-1...4 and EN 61000-6-1/2
	Emission	EN 61000-6-3/4

*) Tested on all units according to specifications. Remaining specifications are tested regularly by test sampling.

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power in control

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