

**DEIF A/S****Type certificate**

4124030040A

Type:	RMV-142D <i>uni-line</i> undervoltage and overvoltage relays for 35 mm DIN rail or base mounting
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Technical specifications

Permissible overvoltage:	1.2 x U _n , continuously. 2 x U _n for 10 s
Frequency range:	40...45...65...70Hz
Outputs:	1 min. and 1 max. contact
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).
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 ±20% (max. 3.5VA) 24-48-110-220V DC -25/+30% (max. 2W)
Measuring voltage (note 1)	57.7-63.5-100-110-127-200-220-230-240-380-400-415-440-450-660- 690V AC ±20%

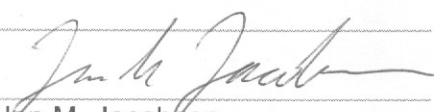
Note 1) Measuring voltage 660V AC and 690V AC only for units for AC supply voltage.

Type test specifications**Tested according to:**

Insulation:	500V DC, >100MΩ	DNV, GL and LR
Vibration:	2...13.2Hz: 3 mm 13.2...100Hz: 1.0 g	DNV, GL and LR test 1
Shock:	6 attempts with 50 g (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 50082-1/2
	Emission	EN 50081-1/2

DEIF A/S
Frisenborgvej 33
DK-7800 Skive
Denmark

Date: 001124


Jan M. Jacobsen
Business supporter

DEIF A/S
Frisenborgvej 33, DK-7800 Skive, Denmark

Tel: (+45) 9614 9614 • Fax: (+45) 9752 4720
Further information: URL: <http://www.deif.com>