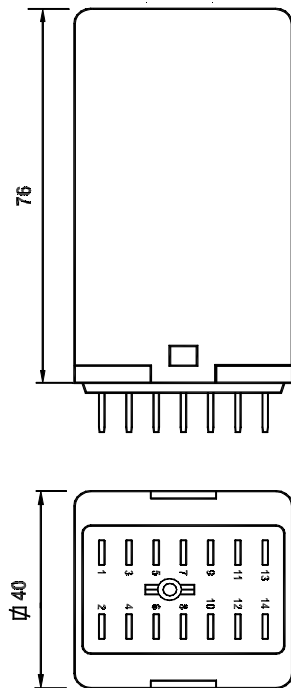


Datasheet

Product UMD-C 240 VAC 158V/178VAC
voltage monitoring relay

Country of Origin:

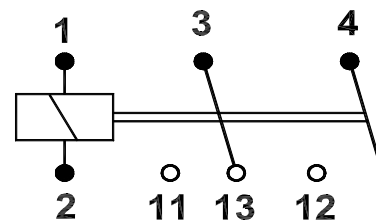
Dimensions



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Connection Diagram



Description

Electronic plug-in voltage monitoring relay with one change-over contact and one NO cc
The UMD-C does not need auxiliary supply.
Equipped with LEDs that indicates energization and contact switching.
The pull in voltage is fixed at 178 VAC and the drop out voltage at 158 VAC.
The UMD-C relays are pluggable into standard D-U-relay bases.

Voltages

U_{nom}	$U_{pull-in}$	$U_{drop-out}$
240 VAC	178 VAC	158 VAC

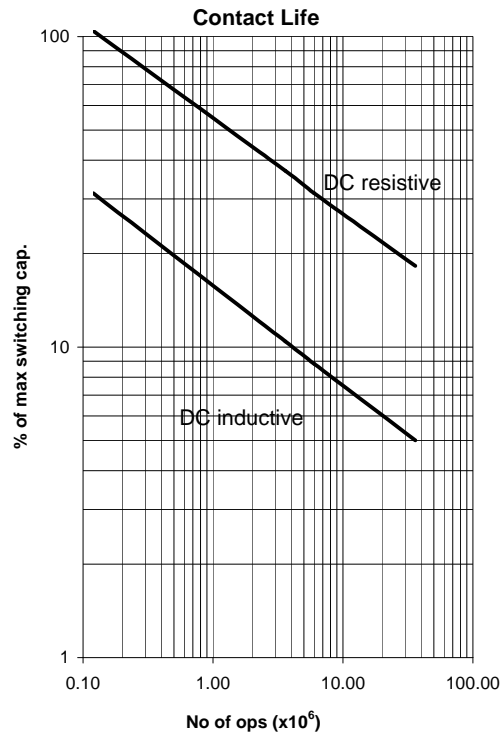
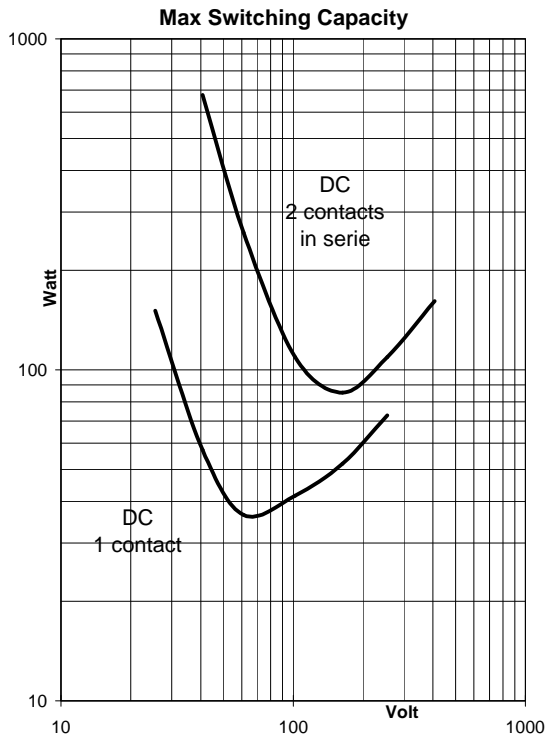
Other voltages or times on request

Coil data

Max. permissible continuous voltage	130 % U_{nom}
Voltage-temperature factor	$\pm 0.1 \% / K$
Repeat accuracy	$\pm 2 \%$
Hysteresis	20 V
Delay time for pull in and drop out	approx. 0.2 s

Contact data

Max. Make Current	15 A	Material
Max. Cont. Current	6 A (AC1 ; IEC 947)	Contactgap
Max. Breaking Capacity		Insulation between open contacts
	DC 300 V, 300 mA AC 250 V, 2.6 A	Contactforce
Min. Switching Voltage	4V/2mA/0.1W-VA	Note: contacts cannot have a c
Max. Contact Resistance	5 milli Ohm	position. (Forced contacts, We
Maximum Switching Capacity and Contact life		



General Data

Dielectric strength		
	Cont-Coil IEC 77	2 kV, 50 Hz, 1 min
Pulse Withstanding	IEC 255-5	5 kV (1.2/50 μ s)
Vibration	IEC 77 IEC 571-1 IEC 68-2-6	3 g at 50 Hz
Shock	IEC 77	5 g at 50 Hz
Mechanical life		30*10 ⁶ ops
Max. Switching Frequency		1200 ops/h
Weight		130 g
Temperature	T _{amb,max} T _{amb,min}	+70 °C -25 °C
Humidity		80%, condensation not permitted
Protection		IP 50
Materials		Makrolon Polyester

The Netherlands



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ontact.

