

Coils for M&M branded solenoid valves

M&M International coils are designed for continuous duty in conformity to the EN 60730 safety standards. They are encapsulated in a self-extinguishing synthetic material and offer high mechanical protection and excellent thermal dissipation. They are fully interchangeable on all M&M International solenoid valves, thereby reducing warehouse inventories.

Common features

Electrical connection: fast on connection 6,3x0,8

Protection class: IP 65 (according to EN60529) - NEMA 4 (UL 50) with connector and gasket

Operation: continuous (ED 100%)

Voltage tolerance: AC +10% to -15%

DC +10% to -5%

Notes

All coils manufactured under M&M brand comply with the RoHS Directive (2011/65/EU)

Insulation class according to EN 60730-1 see the below table

All windings are realised with class 'H' wires (180 °C)

Custom voltages and low power consumption available: please contact Rotork Sales Department

Minimum batch quantity required for some voltage ratings

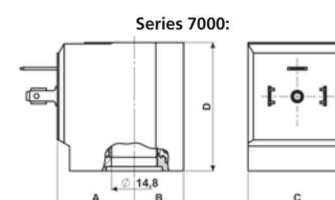
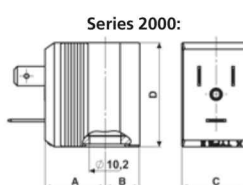


SERIES: 2000



SERIES: 7000

Dimensions & weights		Series 2000	Series 7000
A	(mm)	19.5	25
B	(mm)	11.2	16
C	(mm)	22.3	32
D	(mm)	33.7	41.4
Weight	(kg)	0.060	0.146



Coils	Voltage	Power		Class	Ambient Temperature		Media Temperature ¹	
		Holding	Inrush		Min.	Max.	Min.	Max.
2150	12 VDC	7 W	—	F 155 °C	-10 °C	+50 °C	-10 °C	+130 °C
2250	24 VDC	7 W	—					
2750	230 VDC	7 W	—					
2100	12 V / 50/60 Hz	10 VA	16 VA					
2200	24 V / 50/60 Hz	10 VA	16 VA					
2300	48 V / 50/60 Hz	10 VA	16 VA					
2400	110 V / 50 Hz - 120 V / 60 Hz	10 VA	16 VA					
2600	200 V / 50 Hz - 220 V / 60 Hz	10 VA	16 VA					
2700	230 V / 50 Hz - 240 V / 60 Hz	10 VA	16 VA					
215R	12 VDC	6 W	—	F 155 °C	-10 °C	+60 °C	-10 °C	+130 °C
225R	24 VDC	6 W	—					
220R	24 V / 50 Hz	9 VA	14 VA					
226R	24 V / 60 Hz	9 VA	14 VA					
240R	110 V / 50 Hz - 120 V / 60 Hz	9 VA	14 VA					
270R	230 V / 50 Hz - 240 V / 60 Hz	9 VA	14 VA					
B150	12 VDC	7 W	—	F 155 °C	-10 °C	+50 °C	-10 °C	+130 °C
B250	24 VDC	7 W	—					
B200	24 V / 50/60 Hz	10 VA	16 VA					
B400	110 V / 50 Hz - 120 V / 60 Hz	10 VA	16 VA					
B700	230 V / 50 Hz - 240 V / 60 Hz	10 VA	16 VA					
21V1	12 VDC	10 W	—	H 180 °C	-10 °C	+70 °C	-10 °C	+130 °C
22V1	24 VDC	10 W	—					

Series 2000 - Standard

Connection: to DIN 46244

Series 200R - UL approved

UL approved coils recognized component, file number E193928

Series B000 - Impregnated

Impregnated coils for humid environments (e.g code B400)

Series 2001 - Class 'H'

¹ Some valve configurations allow a max. fluid temperature up to 180 °C, please check valve datasheets.

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Coils	Voltage	Power		Class	Ambient Temperature		Media Temperature ¹	
		Holding	Inrush		Min.	Max.	Min.	Max.
Code	-			-				
7150	12 VDC	14 W	—	F 155 °C	-10 °C	+50 °C	-10 °C	+130 °C
7250	24 VDC	14 W	—					
7750	230 VDC	14 W	—					
7100	12 V / 50/60 Hz	18 VA	36 VA					
7200	24 V / 50/60 Hz	18 VA	36 VA					
7300	48 V / 50/60 Hz	18 VA	36 VA					
7400	110 V / 50 Hz - 120 V / 60 Hz	18 VA	36 VA					
7600	200 V / 50 Hz - 220 V / 60 Hz	18 VA	36 VA					
7700	230 V / 50 Hz - 240 V / 60 Hz	18 VA	36 VA					
725R	24 VDC	10 W	—	F 155 °C	-10 °C	+60 °C	-10 °C	+130 °C
720R	24 V / 50 Hz	15 VA	30 VA					
740R	110 V / 50 Hz - 120 V / 60 Hz	15 VA	30 VA					
770R	230 V / 50 Hz - 240 V / 60 Hz	15 VA	30 VA					
7251	24 VDC	14 W	—	H 180 °C	-10 °C	+70 °C	-10 °C	+130 °C
7201	24 V / 50/60 Hz	18 VA	36 VA					
7401	110 V / 50 Hz - 120 V / 60 Hz	18 VA	36 VA					
7701	230 V / 50 Hz - 24 V / 60 Hz	18 VA	36 VA					
7121	12 VDC	22 W	—	H 180 °C	-10 °C	+70 °C	-10 °C	+130 °C
7221	24 VDC	22 W	—					
72K1	24 V / 50/60 Hz	25 VA	50 VA					
74K1	110 V / 50 Hz - 120 V / 60 Hz	25 VA	50 VA					
77K1	230 V / 50 Hz - 240 V / 60 Hz	25 VA	50 VA					

Series 7000 - Standard
Connection: to DIN EN 175301-803 form A (ex DIN 43650-A)

OPTIONS
Impregnated coils for humid environments (e.g. code D400)

Series 700R - UL approved
UL approved coils recognized component, file number E193928

Series 7001 - Class 'H'
OPTIONS
Impregnated coils for humid environments (e.g. code D701)

Series 7000 - High Power
OPTIONS
Impregnated coils for humid environments (e.g. code D7K1)

¹ Some valve configurations allow a max. fluid temperature up to 180 °C, please check valve datasheets.