

## 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**

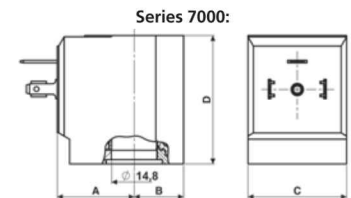
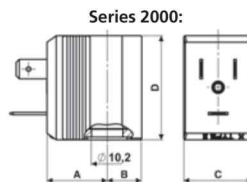


**SERIES: 2000**



**SERIES: 7000**

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



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

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

## Coils for M&M branded solenoid valves

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

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