

COILS FOR M&M INTERNATIONAL SOLENOID VALVES

Coils manufactured by M&M International 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% ÷ -15%

DC +10% ÷ -5%

NOTES

All coils manufactured by M&M International 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 M&M Sales Department

Minimum batch quantity required for some voltage ratings

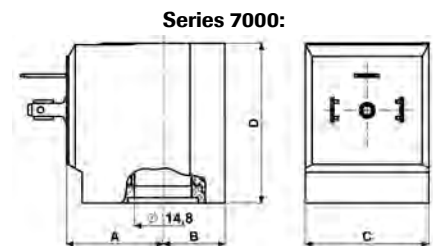
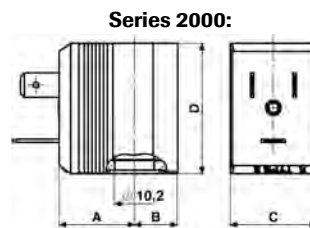
SERIES: 2000



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 ①		media temperature	
		holding	inrush		min.	max.	min.	max.
2150	12v DC	7w	—	F 155°C	-10°C	+50°C	-10°C	+130°C
2250	24v DC	7w	—					
2750	230v DC	7w	—					
2100	12v 50/60Hz	10vA	16vA					
2200	24v 50/60Hz	10vA	16vA					
2300	48v 50/60Hz	10vA	16vA					
2400	110v 50Hz - 120v 60Hz	10vA	16vA					
2600	200v 50Hz - 220v 60Hz	10vA	16vA					
2700	230v 50Hz - 240v 60Hz	10vA	16vA	F 155°C	-10°C	+60°C	-10°C	+130°C
215R	12v DC	6w	—					
225R	24v DC	6w	—					
220R	24v 50Hz	9vA	14vA					
226R	24v 60Hz	9vA	14vA					
240R	110v 50Hz - 120v 60Hz	9vA	14vA					
270R	230v 50Hz - 240v 60Hz	9vA	14vA					
B150	12v DC	7w	—					
B250	24v DC	7w	—					
B200	24v 50/60Hz	10vA	16vA					
B400	110v 50Hz - 120v 60Hz	10vA	16vA					
B700	230v 50Hz - 240v 60Hz	10vA	16vA	H 180°C	-10°C	+70°C	-10°C	+130°C
21V1	12v DC	10w	—					
22V1	24v DC	10w	—					

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 The manufacturer recommends a max. fluid temperature of 180°C when allowed by valve configuration