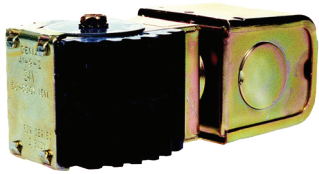




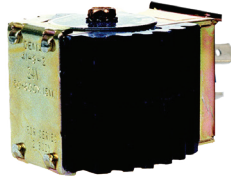
COIL OPTIONS & ELECTRICAL SPECIFICATIONS

Reference sheet for all DEMA solenoid coils. Most of our coils meet UL standards. Engineers use reference information to ensure our coils meet the strict standards they have for their products that our valves are designed into. If you need other information not located on this page, do not hesitate to reach out to our technical service department.

NEMA 1 Rated Coils



Junction Box



Spade

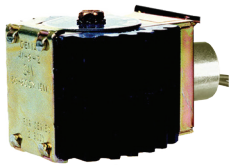


Molded Spade



Flying Lead

NEMA 4 Rated Coils and Connectors



Conduit



Din



59.98 Molded Spade Connector



For ease of identification, coils are manufactured with the following Color Coding

Voltage	Wire Leads	Molded Spade (body)
12VDC/24 VDC	Black	Black
24 VAC 60 Hz	Orange	Blue
120 VAC 60 Hz	Blue	Green
208-240 VAC 60 Hz	Red	Red

Leads on valves with a conduit boss and flying lead coils are 18" long while coil leads on valves with a junction box are 6" in length.

Coil to Valve Usage (Most available in AC or DC)

Coil	Valve Used On
Coil No. 1	401P, 473P, 474P, 476P, O473P, O474P, O476P, 481P, 482.2
Coil No. 2	411P, 412P, A413P, A414P, A416P, A418P, 453P, 453PS, 454P, 458P, 458PS, O453P, O453PS
Coil No. 5	442P, 443P, P442, P443, PP442, PP443, P462, P463, P463PS, 464PS, 463PSJ, 464PSJ, P404J
Coil No. 7	491M, 492M, 491S, 492S, 492SM, 476PS, 478PS

Electrical Specification For AC Coils



Coil	Volts	Watts	Amperes Inrush 50/60 Hz	Amperes Holding 50/60 Hz
Coil No. 1	24	10	1.8/1.5	1.0/.75
	120	10	.38/.33	.21/.15
	208	10	.16/.14	.12/.09
	240	10	.19/.16	.10/.07
Coil No. 2	24	15	3.7/.30	1.6/1.2
	120	15	.73/.60	.33/.24
	208	15	.41/.35	.19/.14
	240	15	.36/.30	.16/.12
Coil No. 5	24	10	na/.67	na/.48
	120	10	na/.15	na/.102
	240	10	na/.075	na/.058
Coil No. 7	24	10	na/.67	na/.48
	120	10	na/.15	na/.102


Electrical Specification For DC Coils


Coil No.	Volts	Watts	Amps
Coil No. 1	12	15	1.25
	24	15	.625
Coil No. 2	12	18	1.5
	24	18	.75
Coil No. 5	12	10	.83
	24	10	.42
Coil No. 7	24	13	.54



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