

Matrix Solenoid III

Duty Cycle - Continuous

Item number	Coil Voltage	Coil Ohms	# of Studs	Housing Material	Contact Ratings	Contact Material	Coil Type	Bracket Style	Additional Notes
24420	12	17.5	4	Metal	Normally Closed Continuous Duty 12V DC 35A	Copper	Insulated	Flat	
24059	12	17.5	4	Metal	Continuous Duty 6-36V DC85A Carry, 125A Make & Break	Copper	Insulated	Flat	
24059-08	12	17.5	4	Metal	UL & CE Continuous Rating at12 VDC 65A UL & CE Intermittent Rating at12VDC 750A Make, 100A Break10 seconds on, 30 minutes off	Copper	Insulated	Flat	UL & CE Approved
24063	24	71	4	Metal	Continuous Duty 6-36V DC 85A Carry, 125A Make & Break	Copper	Insulated	Flat	
24063-08	24	71	4	Metal	UL & CE Continuous Rating 24V DC 65A UL & CE Intermittent Rating 24V DC 120A Make, 65A Break 10 seconds on, 30 minutes off	Copper	Insulated	Flat	UL & CE Approved
24080	36	130	4	Metal	Continuous Duty 6-36V DC 85A Carry, 125A Make & Break	Copper	Insulated	Flat	
24082	12	17.5	4	Metal	Continuous Duty 6-36V DC 85A Carry, 125A Make & Break	Copper	Grounded	Curved	
24097	6	4.2	4	Metal	Continuous Duty 6-36V DC 85A Carry, 125A Make & Break	Copper	Insulated	Flat	
24106	12	17.5	3	Metal	Continuous Duty 6-36V DC 85A Carry, 125A Make & Break	Copper	Grounded	Flat	
24107	24	71	3	Metal	Continuous Duty 6-36V DC 85A Carry, 125A Make & Break	Copper	Insulated	Flat	
24115	12	17.5	3	Metal	Continuous Duty 6-36V DC 85A Carry, 125A Make & Break	Copper	Insulated	Flat	
24117	12	17.5	4	Metal	Continuous Duty 6-36V DC 85A Carry, 125A Make & Break	Copper	Insulated	Flat	
24117-01	12	17.5	4	Metal	UL & CE Continuous Rating at12 VDC 65A UL & CE Intermittent Rating at 12VDC 750A Make, 100A Break 10 seconds on, 30 minutes off	Copper	Insulated	Flat	UL & CE Approved
24124	24	71	3	Metal	Continuous Duty 6-36V DC 85A Carry, 125A Make & Break	Copper	Grounded	Flat	
24143	12	17.5	4	Metal	Continous Duty 12V DC 200A Make & Break Inrush 600A	Silver Inlay	Insulated	Flat	Silver Contact Surfaces
24144	24	71	4	Metal	Continous Duty 24V DC 200A Carry Only 150A Make & Break	Silver Inlay	Insulated	Flat	Silver Contact Surfaces

Duty Cycle - Continuous *(continued from previous page)*

Item number	Coil Voltage	Coil Ohms	# of Studs	Housing Material	Contact Ratings	Contact Material	Coil Type	Bracket Style	Additional Notes
24400	36	130	6	Metal	Continuous Duty Normally Closed Contacts 35A Normally Open Contacts 85A	Copper	Insulated	Flat	
24401	12	17.5	6	Metal	Continuous Duty Normally Closed Contacts 35A Normally Open Contacts 85A	Copper	Insulated	Flat	
24401-01	12	17.5	6	Metal	Continuous Duty Normally Closed Contacts 35A Normally Open Contacts 85A	Copper	Grounded	Flat	
24401-04	12	17.5	6	Metal	Continuous Duty Normally Closed Contacts 35A Normally Open Contacts 85A	Copper	Insulated	Flat	
24402	24	71	6	Metal	Continuous Duty Normally Closed Contacts 35A Normally Open Contacts 85A	Copper	Insulated	Flat	
24512-10	12	18.6	4	Nylon	Continuous Duty 100 A Inrush 400A	Silver	Insulated	F	
24612	12	18.6	4	Nylon	Continuous Duty 100 A Inrush 400A	Silver	Insulated	L	
24612-10	12	18.6	4	Nylon	Continuous Duty 100 A Inrush 400A	Silver	Insulated	F	
24612-G10	12	18.6	3	Nylon	Continuous Duty 100 A Inrush 400A	Silver	Grounded	F	
24624-10	24	76	4	Nylon	Continuous Duty 100 A Inrush 400A	Silver	Insulated	F	
24812	12	7.7	4	Nylon	Continuous Duty 225A Inrush 600A	Copper	Insulated	L	
24812-01	12	7.7	4	Nylon	Continuous Duty 225A Inrush 600A	Silver	Insulated	L	
24824-01	24	32	4	Nylon	Continuous Duty 225A Inrush 600A	Silver	Insulated	L	

Duty Cycle: Intermittent *(continued from previous page)*

Item number	Coil Voltage	Coil Ohms	# of Studs	Housing Material	Contact Ratings	Contact Material	Coil Type	Bracket Style	Additional Notes
24008	24	29	4	Metal	Intermittent Duty 24-36V DC 120A Make, 65A Break 10 seconds On, 30 Minutes Off	Copper	Insulated	Flat	
24021	12	3.8	4	Phenolic	UL & CE Intermittent Rating at 12VDC 750A Make, 100A Break 10 seconds on, 30 minutes off	Copper	Grounded	Flat	Contains ignition coil shorting resistor
24022	12	3.8	3	Phenolic	UL & CE Intermittent Rating at 12VDC 750A Make, 100A Break 10 seconds on, 30 minutes off	Copper	Grounded	Flat	
24023	12	3.8	4	Phenolic	UL & CE Intermittent Rating at 12VDC 750A Make, 100A Break 10 seconds on, 30 minutes off	Copper	Insulated	Flat	
24037	12	4.4	3	Metal	Intermittent Duty 6-12V DC 750A Make, 100A Break 10 seconds On, 20 Minutes Off	Copper	Grounded	Flat	
24039	6	1.6	3	Metal	Intermittent Duty 6-12V DC 750A Make, 100A Break 10 seconds On, 20 Minutes Off	Copper	Grounded	Curved	
24041	6	1.6	3	Metal	Intermittent Duty 6-12V DC 750A Make, 100A Break 10 seconds On, 20 Minutes Off	Copper	Grounded	Flat	
24044	12	4.4	3	Metal	Intermittent Duty 6-12V DC 750A Make, 100A Break 10 seconds On, 20 Minutes Off	Copper	Grounded	Curved	
24046	12	4.4	3	Metal	Intermittent Duty 6-12V DC 750A Make, 100A Break 10 seconds On, 20 Minutes Off	Copper	Insulated	Flat	
24047	12	4.4	4	Metal	Intermittent Duty 6-12V DC 750A Make, 100A Break 10 seconds On, 20 Minutes Off	Copper	Insulated	Flat	
24060	12	4.4	3	Metal	Intermittent Duty 6-12V DC 750A Make, 100A Break 10 seconds On, 20 Minutes Off	Copper	Insulated	Flat	
24071	12	4.4	3	Metal	Intermittent Duty 6-12V DC 750A Make, 100A Break 10 seconds On, 20 Minutes Off	Copper	Grounded	Flat	
24076	12	4.4	4	Metal	Intermittent Duty 6-12V DC 750A Make, 100A Break 10 seconds On, 20 Minutes Off	Copper	Insulated	Flat	
24103	12	4.4	4	Metal	Intermittent Duty 6-12V DC 750A Make, 100A Break 10 seconds On, 20 Minutes Off	Copper	Grounded	Flat	Contains ignition coil shorting resistor
24104	24	29	3	Metal	Intermittent Duty 6-12V DC 750A Make, 100A Break 10 seconds On, 20 Minutes Off	Copper	Insulated	Flat	
2430	12	3.8	3	Metal	UL & CE Intermittent Rating at 12VDC 750A Make, 100A Break 10 seconds on, 30 minutes off	Copper	Insulated	Flat	

Duty Cycle: Intermittent *(continued from previous page)*

Item number	Coil Voltage	Coil Ohms	# of Studs	Housing Material	Contact Ratings	Contact Material	Coil Type	Bracket Style	Additional Notes
24612-03	12	3.8	4	Nylon	Intermittent Duty 200A 5 seconds on 5 minutes off Inrush 300A	Copper	Insulated	L	
24612-13	12	3.8	4	Nylon	Intermittent Duty 200A 5 seconds on 5 minutes off Inrush 300A	Copper	Insulated		
M-200	12	4.4	4	Metal	Intermittent Duty 6-12V DC 750A Make, 100A Break 10 seconds On, 20 Minutes Off	Copper	Insulated	Flat	
M-200-01	12	4.4	4	Metal	UL & CE Intermittent Rating at 12VDC 750A Make, 100A Break 10 seconds on, 30 minutes off	Copper	Insulated	Flat	UL & CE Approved
M-202	12	4.4	3	Metal	Intermittent Duty 6-12V DC 750A Make, 100A Break 10 seconds On, 20 Minutes Off	Copper	Grounded	Flat	U

Duty Cycle - Latched

Item number	Coil Voltage	Coil Ohms	# of Studs	Housing Material	Contact Ratings	Contact Material	Coil Type	Bracket Style	Additional Notes
24200	12	3.1	4	Metal	Continuous Duty (Carry Only) 6-36V DC 110A	Copper	Insulated	Flat	Mecanical Latching Feature