

Power Terminals

Stainless M8 X 1.25 Stud Stainless M8 X 1.25 Nut Stainless Lock Washer Stainless Flat Washer Torque 9-10 Nm [80-90 in-lb] **Mounting Hardware**

M5 [No. 10] Bolts (not incl.)

Torque 2-4 Nm [18-35 in-lb]

<u>Case Material</u> 25% GF Nylon 6/6, UL 94 V-O 12V - 48V

MX52

Side Mount

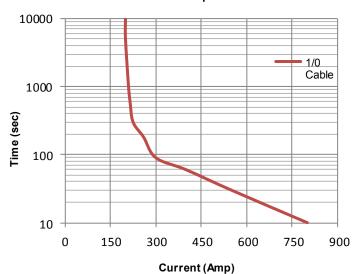
Contactor

200A

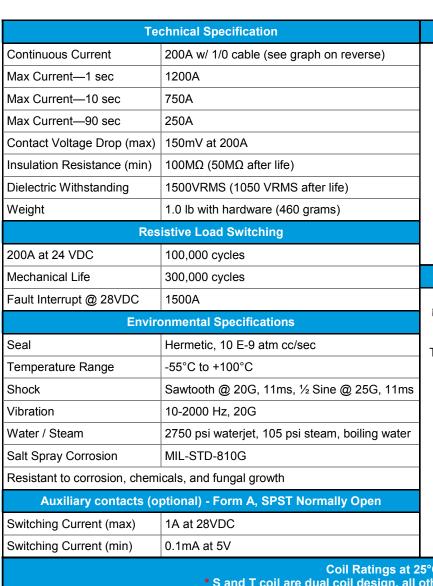


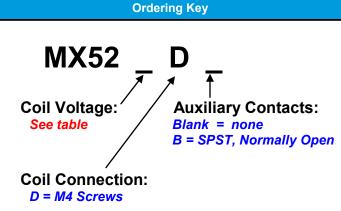
Key Features			
EPIC® Seal	Ceramic to metal braze. Gas filled hermetic chamber protects key components. Exceeds IP69K standard		
Temperature	Tested to temperatures up to 200°C		
Contacts / Form	Silver / SPST / NO		
Coil	Optional efficient two coil design with no PWM or EMI emissions. Coil suppression built in		
High Shock and Vibration	For rugged environments, off-road and tracked vehicles		
Installation	Not direction sensitive		
Made in USA	Designed and manufactured in the USA		
Reference	MIL-R-6106, RoHS		

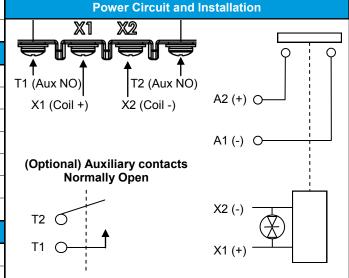
Current Carry vs Time with 85°C terminal temperature rise



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Coil Ratings at 25°C * S and T coil are dual coil design, all others are standard coils									
Coil P/N Designation	В	С	F	Н	J	K	L	S *	T *
Coil Voltage, Nominal	12 VDC	24 VDC	48 VDC	72 VDC	120 VDC	120 VAC, 50/60Hz	240 VAC, 50/60Hz	12 VDC	24 VDC
Coil Voltage, Max	16 VDC	32 VDC	64 VDC	96 VDC	140 VDC	140 VAC	280 VAC	16 VDC	32 VDC
Pick-Up Voltage, Max	8 VDC	16 VDC	28 VDC	46 VDC	72 VDC	80 VAC	160 VAC	9 VDC	15 VDC
Drop-Out Voltage, Max	3 VDC	7 VDC	10 VDC	14 VDC	18 VDC	30 VAC	60 VAC	4.5 VDC	7 VDC
Drop-Out Voltage, Min	0.5 VDC	0.5 VDC	1.8 VDC	2.7 VDC	4.5 VDC	4.5 VAC	9 VAC	1 VDC	1.5 VDC
Pick-Up Current, Max (75ms)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.7 A	0.76 A
Coil Current	0.68 A	0.28 A	0.16 A	0.095 A	0.06 A	0.06 A	0.04 A	0.084 A	0.032 A
Coil Power	8 W	6.8 W	7.6 W	6.8 W	7.2 W	7.2 W	9.6 W	1 W	0.768 W
Operate Time, Max (incl.bounce)	20 msec	20 msec	30 msec	30 msec	20 msec	30 msec	30 msec	20 msec	20 msec
Release Time, Max	12 msec	12 msec	12 msec	12 msec	12 msec	50 msec	55 msec	12 msec	12 msec
Internal Coil Suppression	Transorb							Control C	ircuit
Coil Back EMF	55 V	55 V	80 V	115 V	175 V	N/A	N/A	55 V	55 V
Transients, Max (13ms)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	±50 V	±50 V
Reverse Polarity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	16 V	32 V

Options and Accessories			

	GIGAVAC®			See <u>Terms of</u> additional infor	Use for mation
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