



MX12

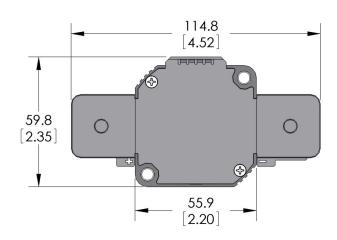
Chassis Mount

Contactor

200A



	Key Features	
	EPIC® Seal	Ceramic to metal braze. Gas filled hermetic chamber protects key components. Exceeds IP69K standard
32.2 [1.27] 10.2 [.40]	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
04, 00, 5	Installation	Not direction sensitive
2X 29.5	Made in USA	Designed and manufactured in the USA
[Reference	MIL-R-6106, RoHS



Power Terminals Stainless M10 X 1.5 Bolt Stainless M10 X 1.5 Nut Stainless Lock Washer Stainless Flat Washer Torque 14-20 Nm [125-175 in-lb]

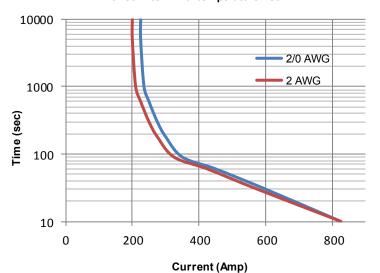
<u>Coil Wire</u> Silicone, 20 AWG, UL: VW-1 Mounting Hardware

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

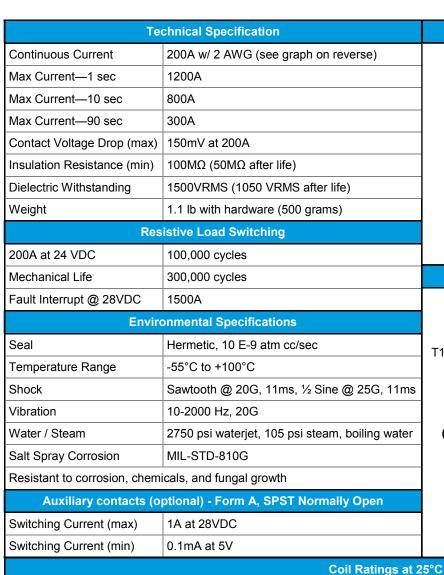
Torque 2-4 Nm [18-35 in-lb]

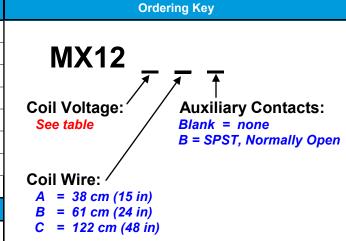
<u>Case Material</u> 25% GF Nylon 6/6, UL 94 V-O

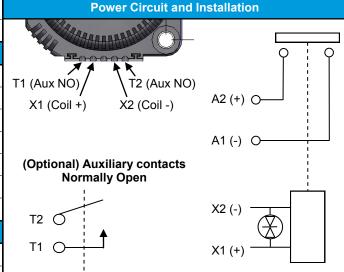
Current Carry vs Time with 85°C terminal temperature rise



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* S and T coil are dual coil design, all others are standard coils Coil P/N Designation В н Κ L **S*** T * 120 VAC. 240 VAC. Coil Voltage, Nominal 12 VDC 24 VDC 48 VDC 72 VDC 120 VDC 12 VDC 24 VDC 50/60Hz 50/60Hz 64 VDC 16 VDC 32 VDC 96 VDC 140 VDC 16 VDC 32 VDC Coil Voltage, Max 140 VAC 280 VAC Pick-Up Voltage, Max 8 VDC 16 VDC 28 VDC 46 VDC 72 VDC 80 VAC 160 VAC 9 VDC 15 VDC 3 VDC 7 VDC 10 VDC 14 VDC 18 VDC 30 VAC 60 VAC 4.5 VDC 7 VDC Drop-Out Voltage, Max 0.5 VDC 1.8 VDC 4.5 VDC 4.5 VAC 9 VAC 1 VDC 1.5 VDC Drop-Out Voltage, Min 0.5 VDC 2.7 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 6.8 W 7.6 W 7.2 W 7.2 W 9.6 W 0.768 W Coil Power 8 W 68W 1 W 20 msec Operate Time, Max (incl. bounce) 20 msec 20 msec 30 msec 30 msec 20 msec 30 msec 30 msec 20 msec 50 msec Release Time, Max 12 msec 12 msec 12 msec 12 msec 12 msec 55 msec 12 msec 12 msec Internal Coil Suppression Transorb Control Circuit 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			P.O. Box 4428 Santa Barbara, CA 93140		
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	Rev 3	9/19/13	© 2013 GIGAVAC, LLC	Page 2 of 2	MX12