



**Standup Mount** 

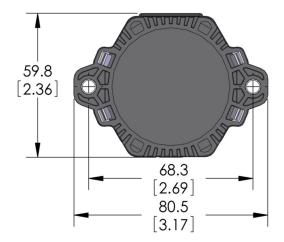
**Contactor** 

150A

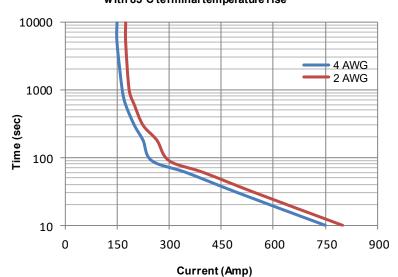


74   [2.92] 51.7 [2.04]		
	<u> </u>	2X 13 [.51]

<b>Key Features</b>	
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
Reference	MIL-R-6106, RoHS



## Current Carry vs Time with 85°C terminal temperature rise



<u>Power Terminals</u> Stainless M8 X 1.25 Stud Stainless M8 X 1.25 Flanged Nut

Torque 9-10 Nm [80-90 in-lb]

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

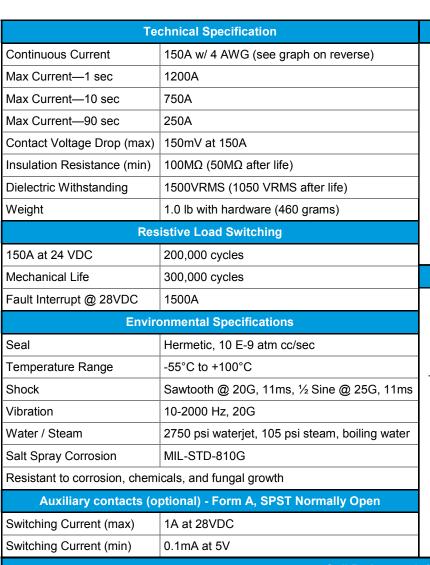
Mounting Hardware
M5 [No. 10] Bolts (not incl.)

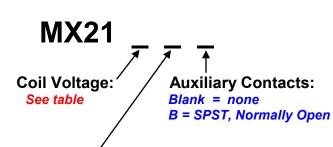
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Torque 2-4 Nm [18-35 in-lb]

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

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Rev 6	27/Jan/22	© 2013 GIGAVAC, LLC	Page 1 of 2	MX21





**Ordering Key** 

Coil Wire:

A = 38 cm (15 in) B = 61 cm (24 in) C = 122 cm (48 in)

## T2 (Aux NO) X2 (Coil -) Black wire Red Wire (Optional) Auxiliary contacts Normally Open X2 (-) X1 (+)

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 VAC
Pick-Up Current, Max (75ms)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1.8 A	1 A
Coil Current	0.68 A	0.28 A	0.16 A	0.095 A	0.06 A	0.06 A	0.04 A	0.082 A	0.057 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	1.4 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	32

Options and Accessories	

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