

# EMICC

## VACUUM CONTACTORS

ELECTRIC MACHINERY  
INDUSTRIAL CONTROLS CORPORATION  
PERRY, GA. 31069

## SLIMLINE VACUUM CONTACTORS

The latest design of SLIMLINE vacuum contactors is based on the well proven design of the HMC1072 motor starters which have sold over 10,000 units world wide.

The design of the contactor is such that all components are front accessible for routine inspections and maintenance. The design is well suited to control panel designs.

The SLIMLINE contactor is available with a choice of 5000V 400A, 7200V 600A, vacuum switches.

As a standard, the contactor is provided with 6 auxiliary contacts, (3 NO, 3 NC).

### MOUNTING

The contactor may be mounted on its base plate or its back plate. The mounting surface must be level to insure the contactor frame is not distorted.

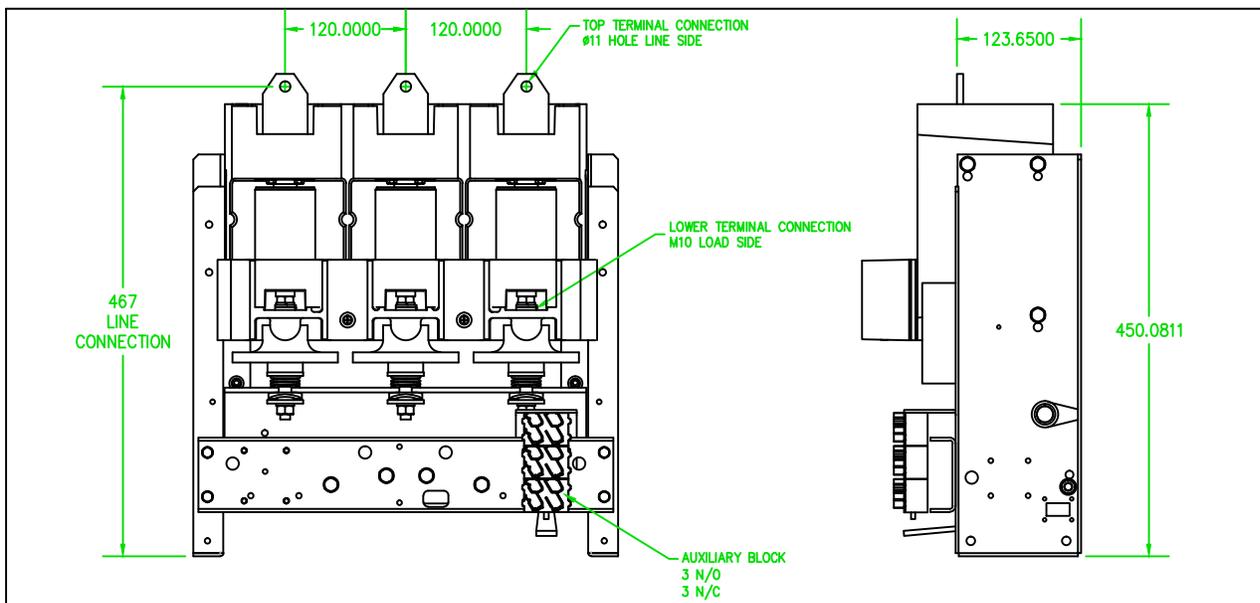
### CONTROL VOLTAGE

- 96 to 480 VAC/VDC

### OPTIONAL EXTRAS

#### Mechanical Latch Mechanism

The mechanical latch mechanism latches the contactor in the closed positions and de-energizes the coils. A trip coil is provided to electrically trip the latch mechanism and open the contactor. The latch may also be tripped mechanically.



Dimension shown in millimeters

# TECHNICAL DATA

	MP/V2040/G01	MP/V2040/G04
Contactors		
Vacuum Switch Type	VSM5	VSM6
Rated insulation Voltage	7.2 kV	7.2kV
Rated Operational Voltage	7.2 kv	7.2kv
Rated current, Amps	400	600
Max interrupting Current, Amps	4kA	8kA
Max interrupting Capacity, MVA	50	100
Max Peak Making Current, Amps	10kA	10kA
Short Time Thermal Ratings		
Amps - 1 Second	6000	12000
Amps - 35 Seconds	2400	4800
Mechanical Life (Operations)	1 million	1 million
Electrical Life (Operations)	600,000	250,000
Average Chopping Current	0.5A	0.5A
Closing Time (AC switched)	60-100ms	60-100ms
Opening Time (DC switched)	20-90ms	20-90ms
DC coil Consumption (Close)	500W	500W
Economy Resistor (Hold)	100W	100W
Operation per hour	1200	1200
Altitude without derating	1000 meters (3300ft)	
Ambient Temperature Range	-10 to +50 C	
Relative Humidity	10 to 95%	
UL Recognition	No	
CSA Certification	No	
Weight	60 lbs	