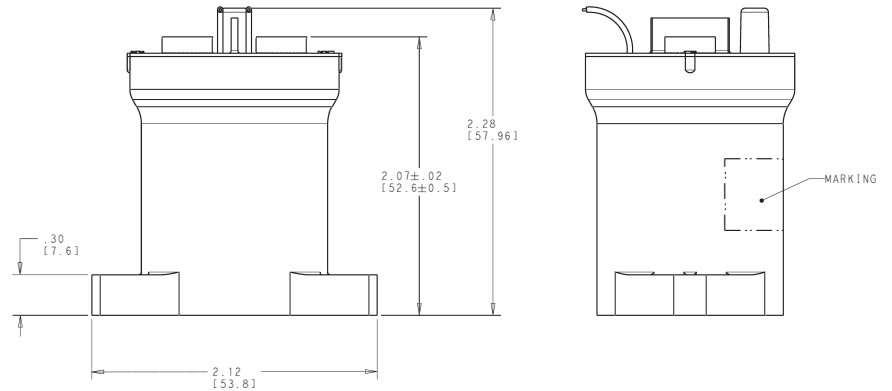
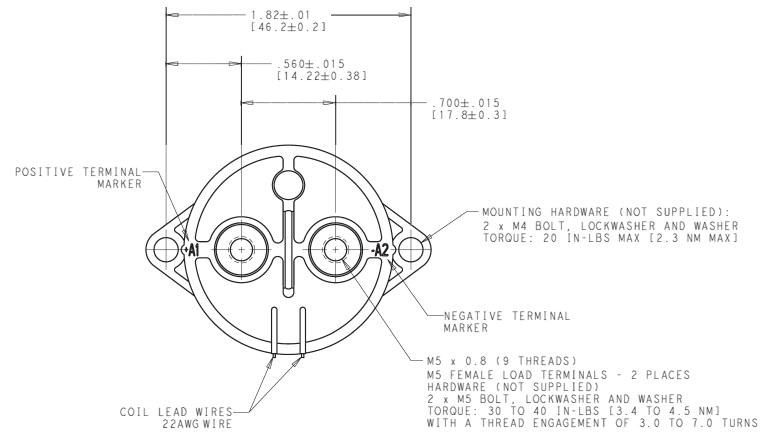


## EVC 135 Contactor (Continued)

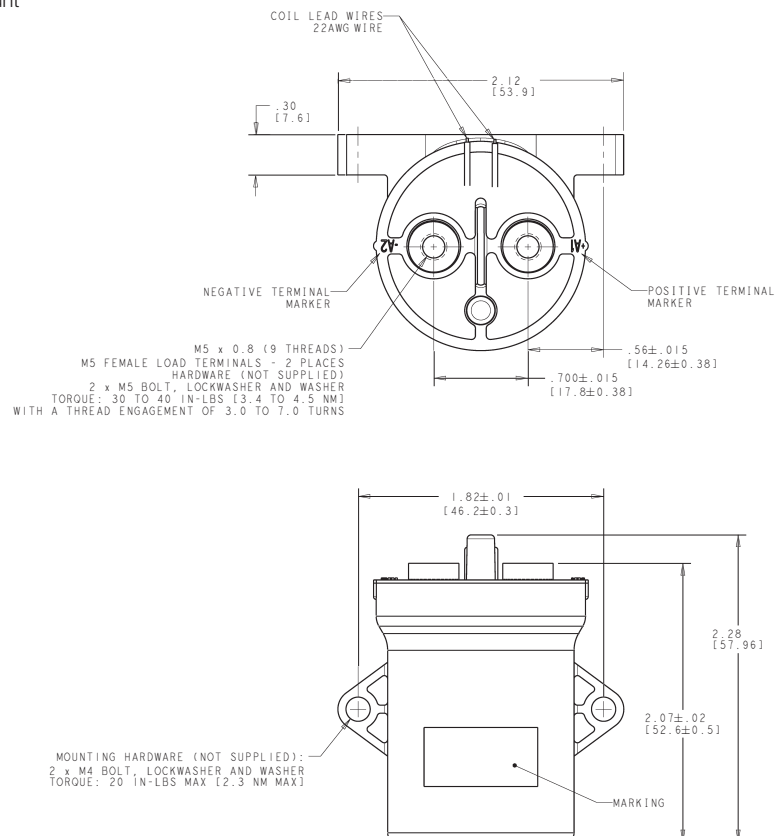
### Dimensions

#### EVC 135 Contactor Bottom Mount



### Dimensions

#### EVC 135 Contactor Side Mount

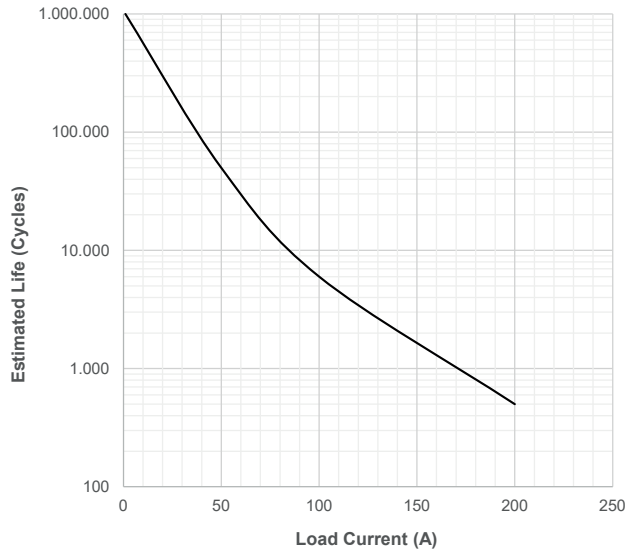


## EVC 135 Contactor (Continued)

### Contact performance

Life cycle vs. resistive load at 400VDC

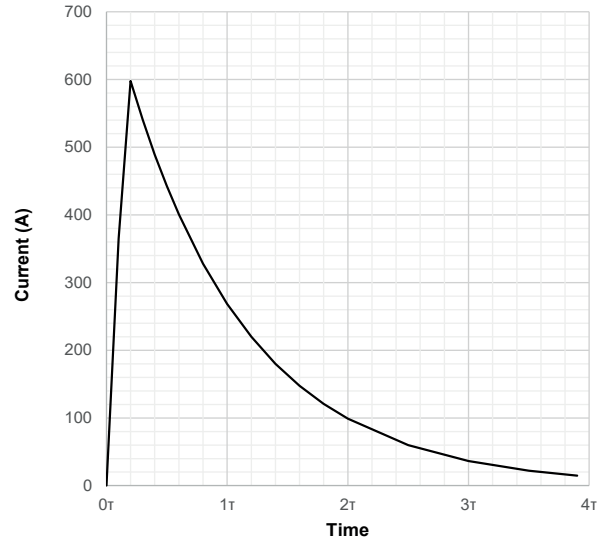
(Chart is for engineering guideline, verification at 2,200VRMS for dielectric withstand)



#### Notes:

- 1) The maximum make current is 600A to avoid contact welding.
- 2) For reverse current, the performance will roughly be reduced by 50% of the cycle life in forward direction.

Contacts closed into capacitor precharge sequence at various time constants

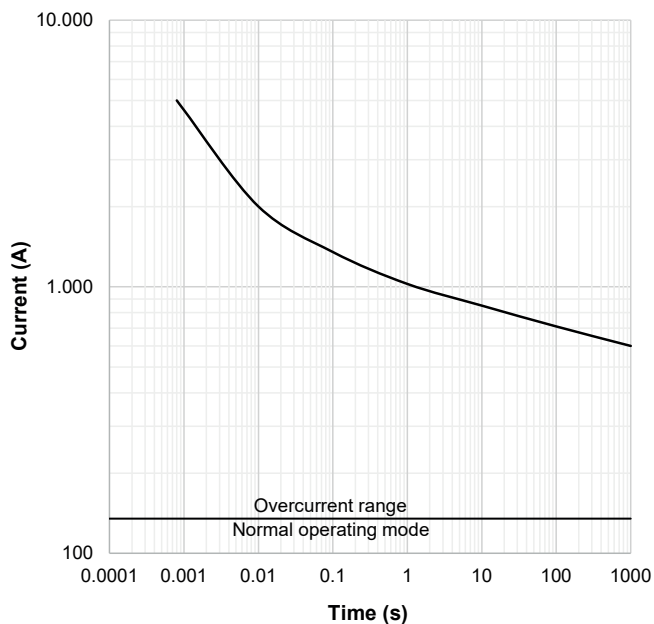


#### Notes:

- 1) Because higher current causes more damage to contact surface, at least 95% precharge is recommended.
- 2) Inrush current dependent upon RC time constant and precharge timing sequence.

Estimated fuse guide for EVC 135 contactors

(Reference only – not to be used for actual fuse sizing)



## EVC 135 Contactor (Continued)

Product code structure		Typical product code				
		<b>EVC 135</b>	<b>-4</b>	<b>B</b>	<b>N</b>	<b>G A</b>
Type	<b>EVC 135</b> EVC 135 Contactor					
Coil	<b>4</b> 12VDC (15.3Ω coil)	<b>6</b> 12VDC ( 3.8Ω coil)				
	<b>5</b> 12VDC (26.0Ω coil)	<b>7</b> 24VDC (96.0Ω coil)				
Coil wire length	<b>A</b> 15 inches (380mm)	<b>B</b> 6 inches (150mm)				
Coil termination	<b>N</b> None – stripped wires	<b>C</b> Customer specific connector				
Mounting & power terminals	<b>G</b> Bottom mount (2 x #8), M5 x 10	<b>H</b> Side mount (2 x #8), M5 x 10				
Arc magnet	<b>A</b> Grade 8 (Standard)	<b>B</b> Grade 30 (required for UL approval at >450VDC)				

### Production in Americas (only)

Product code	Coil resistance	Coil voltage	Economization or voltage reduction	Coil leads	Mounting	Part number
EVC 135-4BNGA	15.3Ω	12VDC	Required	6 inches	Bottom	2203194-1
EVC 135-5ANGA	26.0Ω		Optional	15 inches		2138622-1
EVC 135-7BNGA	96.0Ω	24VDC		6 inches		2138602-1
EVC 135-4ANHA	15.3Ω	12VDC	Required	15 inches	Side	2272229-1
EVC 135-4BNHA				6 inches		2138168-1
EVC 135-5BNGA	26.0Ω		Optional		Bottom	2098371-1
EVC 135-6BNGA	3.8Ω		Required			2138084-1

### Production in Asia (only)

Product code	Coil resistance	Coil voltage	Economization or voltage reduction	Coil leads	Mounting	Part number
EVC 135-4BNGA	15.3Ω	12VDC	Required	6 inches	Bottom	2219560-2
EVC 135-5ANGA	26.0Ω		Optional	15 inches		2219560-7
EVC 135-5BNGA	26.0Ω		Optional		Bottom	2219560-3
EVC 135-6BNGA	3.8Ω		Required			2219560-1