

400AMP SPNO CONTACTOR



Application

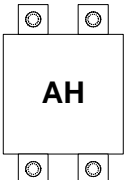
400 Amp SPNO (*Single Pole Normally Open*) Contactor is designed for use in DC applications with battery or rectified power and can be used in AC or DC Electric Systems. Performs power switching functions for DC or AC traction/pump drives as well as pump motor and other electric vehicle power switching operations where high current or long life is needed. This contactor has been successfully applied to meet Underwriter's Laboratories, Factory Mutual, automotive and government standards. They are listed under U/L file number AU2422. This 400 Amp contactor utilizes tips with a Tin Oxide - Silver mix rather than Cadmium – Silver mix.

Application Notes:

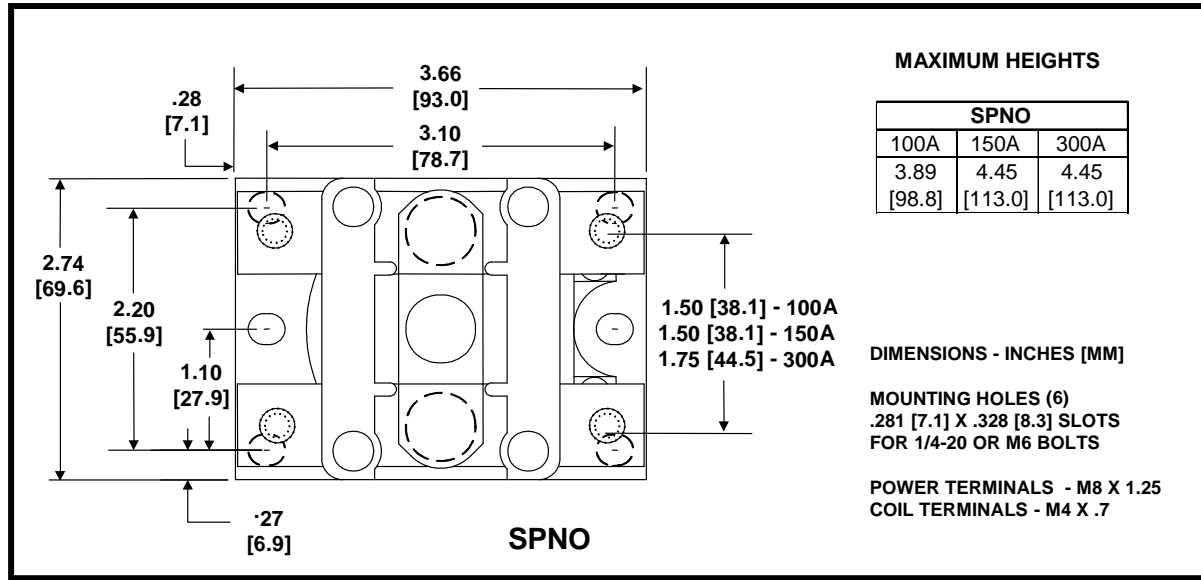
- *Replace existing contactors where short tip life is a problem*
Testing of the 400 Amp has shown improved tip life in high current applications verses Cadmium - Silver tips both in the lab as well as field
- *Use in new applications*
Use in new applications where high current carry and interruptions are needed
Use in new applications where the elimination of all Cadmium is desired

Specifications

400 Amp Contactors						
Rating / Type	Make and Interrupt Rating			Duty Cycle Rating		
IC4482CTTA400	Make	2000 Amps	12-84VDC	250 Amps	100%	Continuous
400A - SPNO	Interrupt	2000 Amps	12-48VDC	400 Amps	50%	15 Minutes
	Interrupt	1500 Amps	72-84VDC	1300 Amps	5%	30 Seconds
(Note: 400 Amp uses Tin Oxide & Silver Tips)				1900 Amps	2%	5 Seconds

Typical Power Terminal Forms	Coil Number	Volts	Duty	Coil Burden
 <p style="font-size: 2em; margin: 0;">SPNO</p>	112	12 VDC	Int.	5.8A
	118	18VDC	Int.	3.6A
	124	24 VDC	Int./Cont.	1.9A
	136	36 VDC	Int.	1.8A
	142	36 VDC	Cont.	1.1A
	142	48 VDC	Int.	1.4A
	160	60 VDC	Int.	0.8A
	176	72/80 VDC	Int.	0.6A
	176	72 VDC	Cont.	0.6A
	212	12 VDC	Cont.	3.7A
	218	18 VDC	Cont.	2.4A
	248	48 VDC	Cont.	0.8A
	280	80 VDC	Cont.	0.5A
	324	24 VDC	Cont.	1.9A

Outline (For Reference Only)



Ordering Information

IC4482CTTA400	AH	124	X	N
Type	Terminal Form	Coil Number See Table	Interlock X – None	Arc Shields N – None S - Yes

Note: Contact FSIP for replacement parts or if other contactor power terminal forms and/or voltages are required for your application.