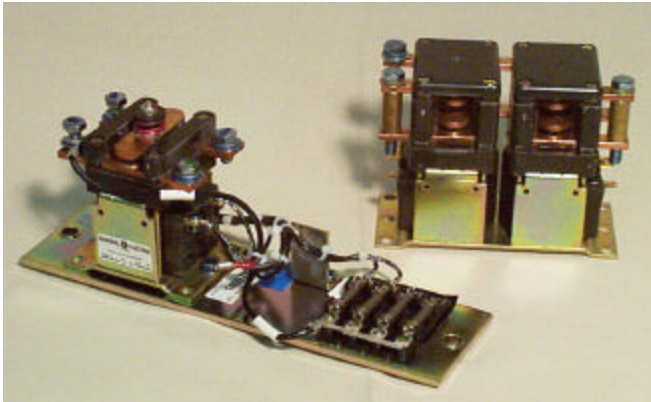




SPECIFICATIONS

EV100 CONTACTORS



Application

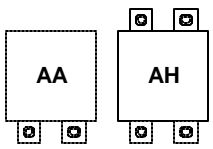
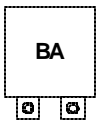
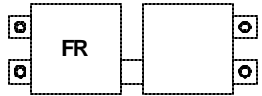
EV100 contactors are designed for use in DC applications, with battery or rectified power. They perform power switching functions for traction drives as well as pump motor and other electric vehicle power switching operations. The contactors have been successfully applied to meet Underwriter's Laboratories, Factory Mutual, automotive and government standards. They are listed under U/L file number AU1793.

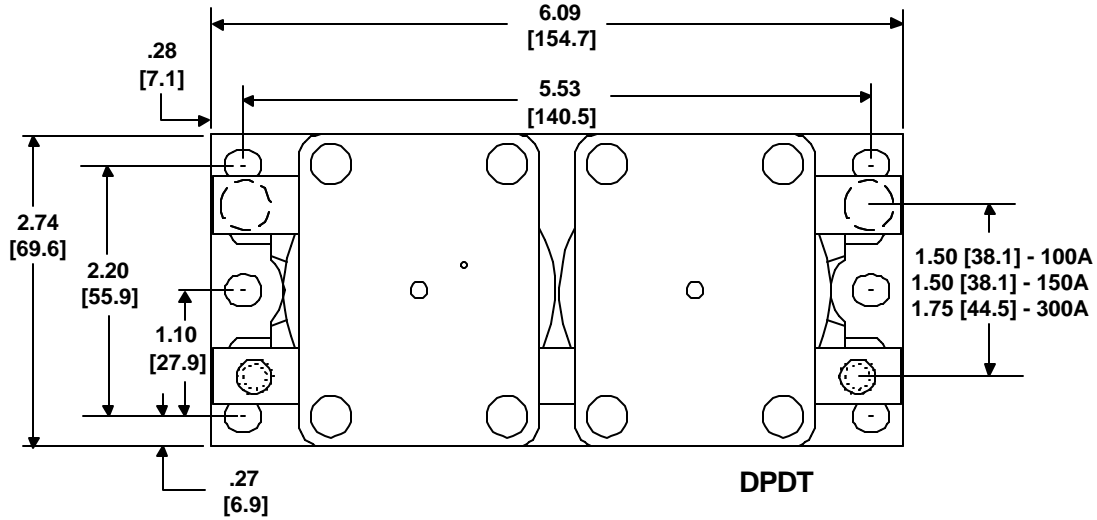
Specifications

100 Amp Contactors				Make and Break Rating		
Rating/Type	Duty Cycle Rating			Make	Interrupt	Interrupt
IC4482CTTA104	80 Amps	100%	Continuous	1000 Amps	1000 Amps	12-48 VDC
100A – DPDT	100 Amps	50%	20 Minutes	900 Amps	900 Amps	12-48 VDC
IC4482CTTA100	400 Amps	5%	30 Seconds			72-80 VDC
100A – SPNO	600 Amps	2%	5 Seconds			

150 Amp Contactors				Make and Break Ratings		
Rating/Type	Duty Cycle Rating			Make	Interrupt	Interrupt
IC4482CTTA154	100 Amps	100%	Continuous	1500 Amps	1500 Amps	12-48 VDC
150A – DPDT	150 Amps	50%	20 Minutes	1100 Amps	1100 Amps	12-48 VDC
IC4482CTTA150	600 Amps	5%	30 Seconds			72-80 VDC
150A – SPNO	900 Amps	2%	5 Seconds			
IC448CTTA158						
150 – DPDT(HD TIPS)						
IC4482CTTA168						
150A – SPDT(HD TIPS)						

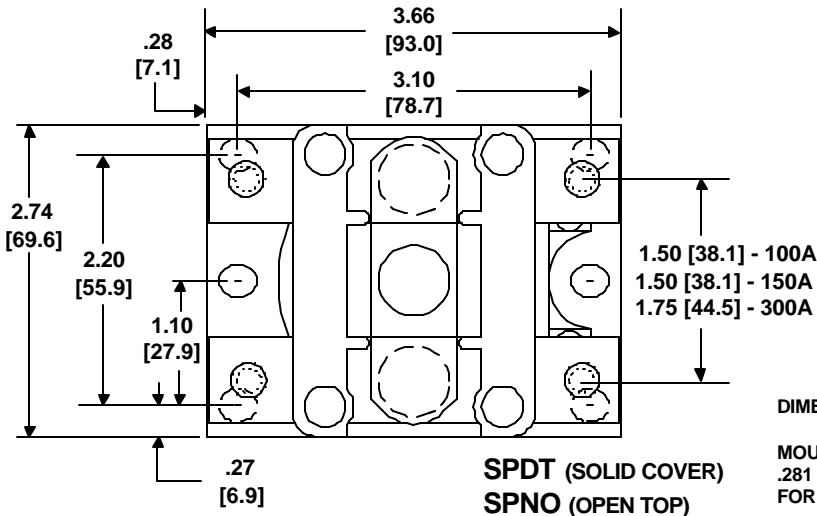
300 Amp Contractors				Make and Break Rating		
Rating/Type	Duty Cycle Rating			Make	Interrupt	Interrupt
IC4482CTTA304	225 Amps	100%	Continuous	2000 Amps	2000 Amps	12-48 VDC
300A – DPDT	300 Amps	50%	20 Minutes	1500 Amps	1500 Amps	12-48 VDC
IC4482CTTA300	1200 Amps	5%	30 Seconds			72-80 VDC
300A – SPNO	1800 Amps	2%	5 Seconds			
IC448CTTA368						
300A – SPDT(HD TIPS)						

Power Terminal Forms	Coil Number	Volts	Duty	Coil Burden	
				100A	150/300A
 SPNO	112	12 VDC	Int.	4.9A	5.8A
	118	18VDC	Int.	3.1A	3.6A
	124	24 VDC	Int./Cont.	1.7A	1.9A
	136	36 VDC	Int.	1.0A	1.8A
 SPDT	142	36 VDC	Cont.	0.8A	1.1A
	142	48 VDC	Int.	1.1A	1.4A
	160	60 VDC	Int.	NA	0.8A
	176	72/80 VDC	Int.	0.6A	0.6A
 DPDT	176	72 VDC	Cont.	0.5A	0.6A
	212	12 VDC	Cont.	3.3A	3.7A
	218	18 VDC	Cont.	2.0A	2.4A
	224	24 VDC	Cont.	1.0A	NA
	248	48 VDC	Cont.	0.8A	0.8A



MAXIMUM HEIGHTS

DPDT		
100A	150A	300A
4.31	4.88	4.88
[109.5]	[123.9]	[123.9]
SPDT		
100A	150A	300A
NA	4.88	4.88
	[123.9]	[123.9]
SPNO		
100A	150A	300A
3.89	4.45	4.45
[98.8]	[113.0]	[113.0]



DIMENSIONS - INCHES [MM]

MOUNTING HOLES (6)
 .281 [7.1] X .328 [8.3] SLOTS
 FOR 1/4-20 OR M6 BOLTS

POWER TERMINALS - M8 X 1.25
COIL TERMINALS - M4 X .7

Ordering Information

IC4482CTTA154	FR	124	X	N
Type	Terminal Form	Coil Number	Interlock	Arc Shields
See Table	See Table	See Table	X - None	N - None
			A - 2NO/2NC	S - Yes