

ACSE Series Manual Motor Starters

Explosionproof, Dust-Ignitionproof, Waterproof

NEC/CEC:

Class I, Division 1 and 2, Groups C and D
 Class II, Division 1 and 2, Groups E, F, G
 Class III
 NEMA 3, 3R, 7CD

Application

- Explosionproof across the line manual motor starters for starting single and polyphase Vac or Vdc motors.

Features

- Rugged, compact enclosures supplied with Square D, Allen Bradley or GE manual motor starters using three overloads.
- Mating surfaces are precision milled to exceed explosionproof specifications. Covers secure with stainless steel (300 Series) hex head bolts.
- Bolt on mounting feet.
- Push buttons are positive operating and can be locked in the stop position.

Standard Materials

- Enclosure: cast aluminum
- Shaft, bushing and cover bolts: stainless steel (300 Series)
- Mounting feet: aluminum

Standard Finishes

- Housing: natural

NEC/CEC Certifications and Compliances

- UL Standard: UL 1203
- UL Classified: E84577
- CSA Standards: C22.2 No. 14, C22.2 No. 25, C22.2 No. 30
- CSA Certified: 042130



CONTROLS: NEC/CEC EXPLOSIONPROOF MOTOR STARTERS

NEMA Size	No. of Poles	Motor Voltage	Maximum Horsepower		Catalog Number ①②
			Single Phase	Poly Phase	
0	2	115	1	—	ACSE040805SQD02
		230	2	—	
1	2	115	2	—	ACSE040805SQD12
		230	3	—	
0	3	115	—	—	ACSE040805SQD03
		200 - 230	—	3	
1	3	380 - 575	—	5	ACSE040805SQD13
		115	—	—	
0	2	200 - 230	—	7-1/2	ACSE040805SQ02D
		380 - 575	—	10	
1	2	115	—	1 - DC	ACSE040805SQ12D
		230	—	1-1/2 - DC	
0	2	115	—	1-1/2 - DC	ACSE040805SQ12D
		230	—	2 - DC	

① Square D starter provided as standard. For GE starter, change **SQD** to **GE**.

② Add suffix for heater. Contact your local representative for details.

► Square D is a registered trademark of Schneider Electric. GE is a registered trademark of General Electric Company.

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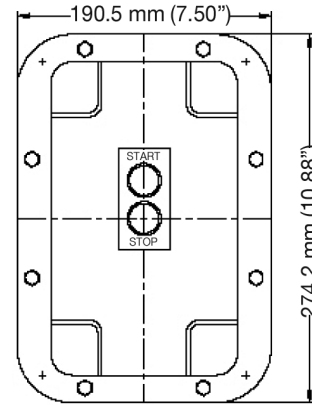
Select heater elements based on motor nameplate listed Full Load Amps (FLA). Trip rating of elements is 125% of motor minimum FLA listed for the elements. Three heaters required per starter.

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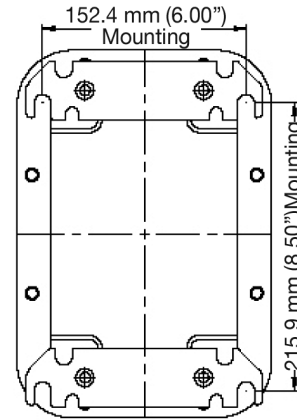
Heater Table

Motor Full Load Amps at +40 °C (+104 °F)	Square D [■] Add Suffix	ACSE Manual Starter Heater for GE Motor Full Load Amps at +40C(+104C)	Add Suffix
0.28 - 0.29	-B44	.31-.34	-C036A
0.30 - 0.33	-B51	.35-.37	-C039A
0.34 - 0.36	-B57	.38-.42	-C043A
0.37 - 0.44	-B63	.43-.47	-C048A
0.45 - 0.52	-B71	.48-.52	-C054Aw
0.53 - 0.59	-B81	.53-.57	-C060A
0.60 - 0.64	-B92	.58-.63	-C066A
0.65 - 0.71	-B103	.64-.69	-C071A
0.72 - 0.80	-B116	.70-.77	-C078A
0.81 - 0.90	-B130	.78-.87	-C087A
0.91 - 1.03	-B145	.88-.97	-C097A
1.04 - 1.14	-B167	.98-1.06	-C109A
1.15 - 1.27	-B188	1.07-1.18	-C131A
1.28 - 1.44	-B210	1.19-1.33	-C131A
1.45 - 1.63	-B240	1.34-1.47	-C148A
1.64 - 1.79	-B265	1.48-1.66	-C163A
1.80 - 2.01	-B300	1.67-1.78	-C184A
2.02 - 2.19	-B330	1.79-2.00	-C196A
2.20 - 2.52	-B370	2.01-2.18	-C220A
2.53 - 2.95	-B415	2.19-2.45	-C239A
2.96 - 3.17	-B485	2.46-2.76	-C268A
3.18 - 3.50	-B550	2.77-3.00	-C301A
3.51 - 3.73	-B625	3.01-3.27	-C326A
3.74 - 4.22	-B690	3.28-3.49	-C356A
4.23 - 4.68	-B770	3.50-3.86	-C379A
4.69 - 4.98	-B820	3.87-4.30	-C419A
4.99 - 5.59	-B910	4.31-4.88	-C466A
5.60 - 6.43	-B102	4.89-5.49	-C526A
6.44 - 7.41	-B115	5.50-5.85	-C592A
7.42 - 8.02	-B128	5.86-6.45	-C630A
8.03 - 8.59	-B140	6.46-7.22	-C695A
8.60 - 9.52	-B155	7.23-8.05	-C778A
9.53 - 10.5	-B175	8.06-8.88	-C867A
10.6 - 11.2	-B195	8.89-9.66	-C955A
11.3 - 12.7	-B220	9.67-10.5	-C104B
12.8 - 14.3	-B250	10.6-11.6	-C113B
14.4 - 16.1	-B280	11.7-12.7	-C125B
16.2 - 17.8	-B320	12.8-13.2	-C137B
17.9 - 20.1	-B360	13.3-15.1	-C151B
20.2 - 22.6	-B400	15.2-16.6	-C163B
22.7 - 25.5	-B450	16.7-17.6	-C180B
25.6 - 26.0	-B500	17.7-18.0	-C198B
		18.0-19.8	-C198B
		19.9-21.1	-C214B
		21.2-23.1	-C228B
		23.2-25.2	-C250B

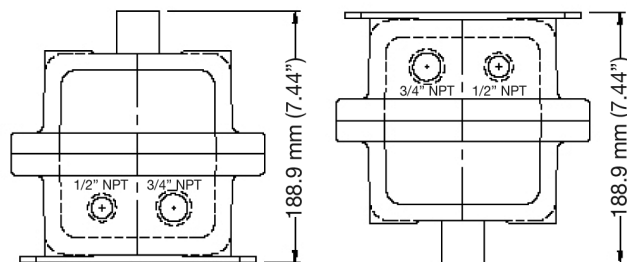
Dimensions in Millimeters (Inches)



Cover View



Back View



Top and Bottom View

■ Square D is a registered trademark of Schneider Electric.
 + Cutler-Hammer is a registered trademark of Eaton Corporation.