

Breaker Type: Combination Controller. Type BC-XLS. All Type BC-XLS Combination Starters

UL 508 Circuit Breaker Type BC-XLS Combination Controller includes:

- A.** Breakers, 600 Volt are internationally accepted industrial Control Breakers with instantaneous and thermal trip. As well as UL508 approved.
- B.** Door handle safety interlocks.
- C.** Type XLSK Magnetic starters with precision and consistent overload protection and different single phasing protection.
- D.** Space and drilling for fused control circuit transformer.



For Factory Installed Additions

See Page# 88. Special Features

Include:

Transformers - Primary , secondary
Fusing included

Pilot Lights

HOA ,Start /Stop,on off selector switches,ect.

Time Delay Relays

Phase Loss , Reverse Phase, Voltage Monitors.

SIZE	Voltage	Design Rating Max HP	Breaker Frame Size	Catalog No. Type BC XLS-	Circuit Breaker Type Enclosed		
					General Purpose NEMA1 -M01	Non Metal Dust tight Outdoor NEMA4X -4X	Dust Tight Drip Tight NEMA 12/4 -M4
	200/230	5	100	7K-1	\$ 868	\$ 906	\$ 906
	460	10	100	7K-2	\$ 868	\$ 906	\$ 906
	230	7 1/2	100	11K-1	\$ 901	\$ 939	\$ 939
	460	15	100	11K-2	\$ 901	\$ 939	\$ 939
	200	10	100	15K-1	\$ 915	\$ 984	\$ 984
	230	10	100	15K-2	\$ 915	\$ 984	\$ 984
	460	20	100	15K-3	\$ 915	\$ 984	\$ 984
	200/230	15	100	22K-1	\$ 984	\$ 1,300	\$ 1,300
	460	30	100	22K-2	\$ 984	\$ 1,300	\$ 1,300
	200/230	20/25	100	37K-1	\$ 1,440	\$ 1,705	\$ 1,705
	460	50	100	37K-2	\$ 1,440	\$ 1,705	\$ 1,705
	200/230	25/30	100	45K-1	\$ 1,540	\$ 1,975	\$ 1,975
	460	60	100	45K-2	\$ 1,540	\$ 1,975	\$ 1,975
	230	40	200	55K-1	\$ 2,025	\$ 2,600	\$ 2,600
	460	75	200	55K-2	\$ 2,025	\$ 2,600	\$ 2,600
	200/230	40/50	200	75K-1	\$ 2,500	\$ 3,170	\$ 3,170
	460	100	200	75K-2	\$ 2,500	\$ 3,170	\$ 3,170
	200/230	60/75	400	110K-1	\$ 3,700	\$ 4,400	\$ 4,400
	460	150	400	110K-2	\$ 3,700	\$ 4,400	\$ 4,400
	200/230	100	400	160K-1	\$ 5,070	\$ 6,650	\$ 6,650
	460	250	400	160K-2	\$ 5,070	\$ 6,650	\$ 6,650
	200/230	125/150	800	220K-1	\$ 8,870	\$ 11,010	\$ 11,010
	460	300	800	220K-2	\$ 8,870	\$ 11,010	\$ 11,010
	230	200	1000	280K-1	\$ 10,900	\$ 14,100	\$ 14,100
	460	400	1000	280K-2	\$ 10,900	\$ 14,100	\$ 14,100
	230	250	1000	375K-1	\$ 12,800	\$ 15,400	\$ 15,400
	460	500	1000	375K-2	\$ 12,800	\$ 15,400	\$ 15,400

**Overload Relay Suffix	
O.L Relay Setting Range	O.L Relay Setting Range
Suffix (Amps)	Suffix (Amps)
-B 0.16-0.26	-ON 21-26
-C 0.25-0.41	-P 25-32
-D 0.4-0.65	-Q 30-40
-E 0.65-1.1	-QN 42-55
-F 1.-1.5	-RN 54-65
-G 1.3-1.9	-SN 64-82
-H 1.8-2.7	-TM 78-97
-I 2.5-4	-TN 90-110
-K 4-6.3	-TT 110-140
-L 5.5-8.5	-U 140-190
-M 8-12	-V 175-280
-N 10-16	-W 200-310
-O 14.5-18	-WT 250-400
-OM 17.5-22	-X 315-500
	-Y 430-700

Steps to Order Motor Starter:	
Step 1 - Size Choose from the UL HP and Voltage list per your application. For Example: 5 HP 230V 3 Phase Part# BC XL7K- 1*	
Step 2 - Coil * From the coil suffix chart to the right, select the appropriate coil suffix For Example: 120 VAC Coil = A Part # BC XLS7K-1A-	
Step 3 - Overload Amps** This step requires a suffix for your overload protection, refer to "OVERLOAD RELAY SUFFIX TABLE" (Example : 5HP @ 230V 3 Phase , if 13 full load Amps= Suffix "N")	
Step 4 - Enclosure specify "open" or "enclosed" requirements. For Example if NEMA 12 Complete Part # BCXLS7K - 1A - N-M4	

Coil Voltage Suffix

For LS7K-LS55K		For LS75K-LS375K (3Pole)		DC add	
AC	60Hz 50Hz	AC/DC 50/60Hz			
-G	24 24	-N	24-28V	-NSW	24-28 V
-A	120 120	-AP	110-127V	-OSW	42-48 V
-B	200 200	-CR	220-250V	-PSW	110-127 V
-C	220 220	-EX	440-500V	-RSW	360-440V
-H	277 230				
-E	480 380	No Addition for DC size LS75K-LS375K			Add \$30 list LS7K -15K
-F	600 500				Add \$ 45 list LS22K-LS55K