

SELECTION TABLE FOR STARTER/RELAY/FUSE/CABLE
FOR STAR DELTA MOTOR

HP 3 Phase 415v 50 HZ	KW 415 V 50 HZ	Approx Full load Current in AMPS	Phase Current in Amps	Star Delta Starter Contactor Capacity in Amps Main/Delta Star	Relay Scale in Amps	Typical Back up HRC Fuse (AMPS)	Typical Cable Size sq.mm	
							Supply Side	Motor Side
3	2.25	5	2.88	12	1.5	10	1.5/2.5	1.5/2.5
5	3.75	7.5	4.32	12	3	20	1.5/2.5	1.5/2.5
7.5	5.5	11	6.34	12	6	25	2.5	1.5/2.5
10	7.5	14	8.10	16	6	25	4	1.5/2.5
12.5	9.3	18	10.02	16	8	35	4	2.5
15	11	21	12.10	16	11	50	6	2.5
20	15	28	16.00	30	14	63	10	4.0
25	18.5	35	20.20	30	17	63	16	6.0
30	22	40	23.00	30	17	100	16	6.0
35	26	47	27.00	38	22	100	25	10.0
40	30	55	30.30	38	22	100	25	16.0
45	33.5	60	34.6	70	25	125	35	16.0
50	37	66	35.0	70	25	125	35	16.0
60	45	80	45	70	38	125	50	25.0
65	48.5	87	50	70	38	160	70	35
70	52	94	54	70	38	160	70	35
75	56	100	57.5	70	38	160	70	35
90	67.5	120	69.0	105	50	200	95	50
100	75	135	78.0	105	50	200	95	50
125	90	165	95.0	160	70	250	120	70
150	112	200	115	170	90	250	185	70
175	132	230	133	170	90	300	225	120
200	150	275	159	300	140	350	300/400	150
240	175	320	184.5	400	140	400	300/400	185
250	187.5	323	185	400	140	400	400	185
275	204	360	206	170	175	400	500	185
300	225	385	222	400	210	500	500	225
400	300	500	390	400	280	700	625	300/400