



CABLE SELECTION CHART

For Three Phase 6 wire (S.D.) Motor Maximum Length of Copper Cable

Motor Rating			CABLE SIZE IN SQUARE MILLIMETRES																				
VOLTS	kW	HP	1.5	2.5	4	6	10	16	25	35	50	70	95	120	150	185	240	300	400	500		630	
380 - 415 VOLT 50Hz	5.5	7.5	91	143	234	351	572	896	1377	1884													
	7.5	10	65	104	169	260	403	650	974	1338													
	9.3	12.5		91	143	221	364	572	870	1182	1624												
	11	15		78	130	182	299	481	714	974	1377	1832											
	13	17.5			104	143	260	403	611	844	1156	1533											
	15	20			91	130	221	351	533	740	1026	1364	1741										
	18.5	25				104	182	273	429	585	799	1065	1364	1624									
	22	30					156	234	364	494	688	922	1169	1403	1650								
	26	35					130	195	299	403	572	792	1000	1221	1429	1650							
	30	40					117	169	273	364	520	675	870	1013	1208	1390	1624						
	37	50						143	221	299	416	546	701	831	974	1117	1312	1494					
	45	60							182	247	338	468	598	727	870	1013	1208	1377					
	55	75								208	286	377	494	611	714	831	987	1137					
	63	85									188	260	299	442	546	637	740	870	1000				
	75	100										208	286	377	455	533	611	727	831	974			
	93	125											234	299	364	429	494	585	662	779			
	110	150												260	312	377	429	520	598	701	786		
	130	175													221	266	325	377	442	520	598	688	760
	150	200														234	279	325	390	455	539	604	669
	166	225															234	286	338	390	455	520	578
185	250																260	312	364	429	481	539	
220	300																	247	286	331	372	410	
260	350																		247	286	325	357	
300	400																			214	247	273	312

The given cable lengths are the maximum one from POWER TO MOTOR, Exceeding the lengths mentioned will void warranty.