

TYPICAL MAXIMUM TOTAL CABLE LENGTH FROM CONTROL BOX TO MOTOR

SINGLE PHASE 230/1/50 MOTORS										
KW	HP	RATED AMP	CABLE SIZE	4 CORE x 1.0mm ²	4 CORE x 1.5 mm ²	4 CORE x 2.5mm ²	4 CORE x 4mm ²	4 CORE x 6mm ²	4 CORE x 10mm ²	4 CORE x 16mm ²
0.37	0.50	3.3	METRES	45	80	130	200	300	.....	.....
0.55	0.75	4.6	METRES	40	60	100	150	230	400	.....
0.75	1.00	6.25	METRES	25	40	60	110	170	270	400
1.10	1.50	8.6	METRES	20	30	50	80	125	200	325
1.50	2.00	11	METRES	17	25	40	65	95	160	250

THREE PHASE 400/3/50 MOTORS DOL STARTING METHOD FROM CONTROL BOX TO MOTOR.										
KW	HP	RATED AMP	CABLE SIZE	4 CORE x 1.0mm ²	4 CORE x 1.5 mm ²	4 CORE x 2.5mm ²	4 CORE x 4mm ²	4 CORE x 6mm ²	4 CORE x 10mm ²	4 CORE x 16mm ²
0.55	0.75	1.9	METRES	180	280	420	.....	.....	.....	.....
0.75	1.00	2.4	METRES	150	230	400	.....	.....	.....	.....
1.10	1.50	3.4	METRES	110	160	260	400	.....	.....	.....
1.50	2.00	4.4	METRES	80	120	200	325	.....	.....	.....
2.20	3.00	5.9	METRES	60	90	150	250	370	.....	.....
3.00	4.00	8.3	METRES	45	70	110	170	260	420	.....
4.00	5.50	10	METRES	35	55	90	140	220	350	450
5.50	7.50	14	METRES	25	40	60	100	150	250	400
7.50	10.00	18	METRES	.....	30	50	80	110	200	300