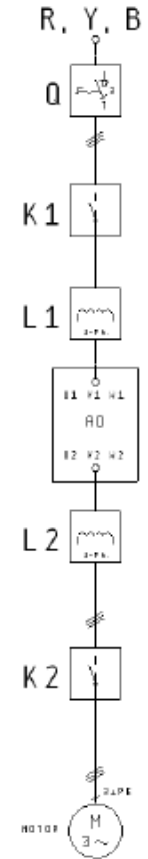
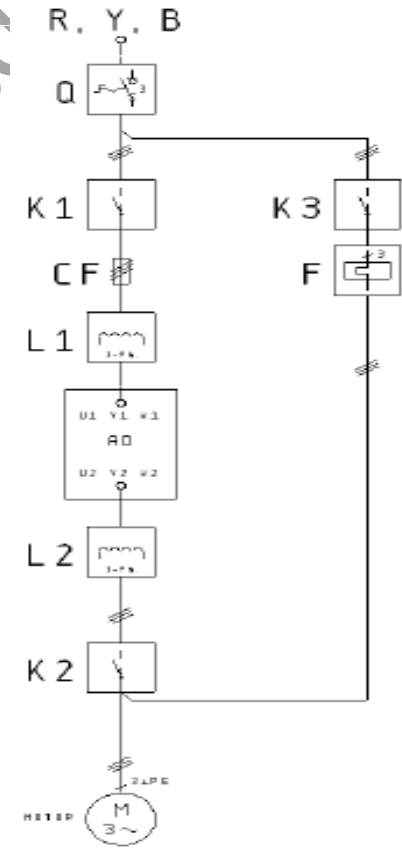


Selection chart of VFD without Bypass scheme								Single Line Diagram	
SR No.	Motor Rating		IL (Amp)	Iph (Amp)	Primary Isolation K1	Secondary Isolation K2	Switch Fuse Unit (Amp)	Fuse Link (Amp)	
	KW	HP			1No	1No			
					Power Contactor (Amp)				
1	7.5	10	22	12.76	32	32	32	32	
2	11	15	23.1	13.39	32	32	63	50	
3	15	20	33.8	19.60	38	38	63	63	
4	18.5	25	37	21.46	45	45	63	63	
5	22	30	43	24.94	63	63	100	80	
6	30	40	59	34.22	63	63	100	100	
7	37	50	72	41.76	85	85	125	125	
8	45	60	87	50.46	110	110	125	125	
9	55	75	104	60.32	140	140	160	160	
10	75	100	139	80.62	170	170	200	200	
11	90	120	169	98.02	205	205	250	250	
12	110	150	200	116	250	250	250	250	
13	132	200	245	142.1	300	300	315	315	
14	160	250	297	172.26	400	400	400	400	
15	200	300	354	205.32	475	475	500	500	
16	250	350	442	256.36	475	475	500	500	



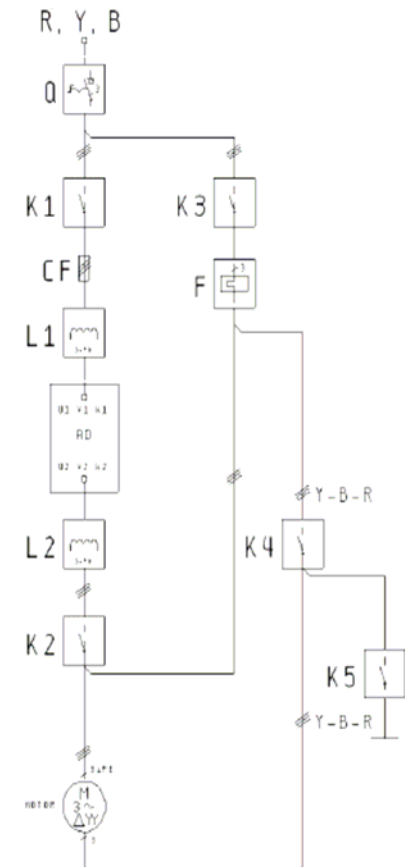
Selection chart of VFD with DOL Bypass scheme									
SR No.	Motor Rating		IL (Amp)	Iph (Amp)	Primary Isolation K1	Secondary Isolation K2	Switch Fuse Unit (Amp)	Fuse Link (Amp)	O/L Relay (Amp)
	KW	HP			1No	1No			
					Power Contactor (Amp)				
1	7.5	10	22	12.76	32	32	32	32	10-16
2	11	15	23.1	13.39	32	32	63	50	16-25
3	15	20	33.8	19.60	38	38	63	63	20-32
4	18.5	25	37	21.46	45	45	63	63	25-36
5	22	30	43	24.94	63	63	100	80	32-50
6	30	40	59	34.22	63	63	100	100	40-57
7	37	50	72	41.76	85	85	125	125	57-70
8	45	60	87	50.46	110	110	125	125	70-95
9	55	75	104	60.32	140	140	160	160	85-105
10	75	100	139	80.62	170	170	200	200	85-135
11	90	120	169	98.02	205	205	250	250	115-180
12	110	150	200	116	250	250	250	250	160-250
13	132	200	245	142.1	300	300	315	315	160-250
14	160	250	297	172.26	400	400	400	400	200-320
15	200	300	354	205.32	475	475	500	500	250-400
16	250	350	442	256.36	475	475	500	500	320-500

Single Line Diagram



Selection chart of VFD with FASD Bypass scheme												
SR No.	Motor Rating		IL (Amp)	Iph (Amp)	Primary Isolation K1	Secondary Isolation K2	Main Contactor K3	Delta K4	Star K5	Switch Fuse Unit	Fuse Link (Amp)	O/L Relay (Amp)
	KW	HP			1No	1No	1No	1No	1No			
	Power Contactor (Amp)											
1	7.5	10	22	12.76	32	32	32	12	9	32	32	10-16
2	11	15	23.1	13.39	32	32	32	12	9	63	50	16-25
3	15	20	33.8	19.60	38	38	38	22	16	63	63	20-32
4	18.5	25	37	21.46	45	45	45	32	32	63	63	25-36
5	22	30	43	24.94	63	63	63	32	32	100	80	32-50
6	30	40	59	34.22	63	63	63	32	32	100	100	40-57
7	37	50	72	41.76	85	85	85	38	32	125	125	57-70
8	45	60	87	50.46	110	110	110	45	32	125	125	70-95
9	55	75	104	60.32	140	140	140	63	32	160	160	85-105
10	75	100	139	80.62	170	170	170	85	63	200	200	85-135
11	90	120	169	98.02	205	205	205	110	63	250	250	115-180
12	110	150	200	116	250	250	250	110	110	250	250	160-250
13	132	200	245	142.1	300	300	300	140	110	315	315	160-250
14	160	250	297	172.26	400	400	400	170	110	400	400	200-320
15	200	300	354	205.32	475	475	475	250	170	500	500	250-400
16	250	350	442	256.36	475	475	475	250	250	500	500	320-500

Single Line Diagram



Type▶	MM420							
Voltage Range▶	3 AC 380-480V +/-10%							
Range▶	0.37KW - 11KW							
Application▶	Suitable for application with Pumps, Fans & Conveyor system							
	O/L Capacity:150% for 60sec,cycle time 300sec							
	Motor Rating		Rated I/P Current Amp	Rated O/P Current Amp	MLFB NO.	Drive Partcode	Fuse Link Amp	Fuse Base Amp
	KW	HP						
	0.37	0.50	2.2	1.2	6SE6420-2UD13-7AA1	ADSI2CA001	3NA3803-7Y : 10A	3NH3 032 : 160
	0.55	0.75	2.8	1.6	6SE6420-2UD15-5AA1	ADSI3CA001	3NA3803-7Y : 10A	3NH3 032 : 160
	0.75	1.0	3.7	2.1	6SE6420-2UD17-5AA1	ADSIACB001	3NA3803-7Y : 10A	3NH3 032 : 160
	1.1	1.5	4.9	3	6SE6420-2UD21-1AA1	ADSINCA001	3NA3803-7Y : 10A	3NH3 032 : 160
	1.5	2.0	5.9	4	6SE6420-2UD21-5AA1	ADSIBCA001	3NA3803-7Y : 10A	3NH3 032 : 160
	2.2	3.0	7.5	5.9	6SE6420-2UD22-2BA1	ADSICCA001	3NA3805-7Y : 16A	3NH3 032 : 160
	3	4.0	10	7.7	6SE6420-2UD23-0BA1	ADSI4CA001	3NA3805-7Y : 16A	3NH3 032 : 160
	4	5.0	12.8	10.2	6SE6420-2UD24-0BA1	ADSIDCA001	3NA3807-7Y : 20A	3NH3 032 : 160
	5.5	7.5	15.6	13.2	6SE6420-2UD25-5CA1	ADSIECA001	3NA3807-7Y : 20A	3NH3 032 : 160
	7.5	10	22	19	6SE6420-2UD27-5CA1	ADSIFCA001	3NA3810-7Y : 25A	3NH3 032 : 160
	11	15	32.3	26	6SE6420-2UD31-1CA1	ADSIGCA001	3NA3817-7Y : 40A	3NH3 032 : 160

Type▶	MM430							
Voltage Range▶	3 AC 380-480V +/-10%							
Range▶	7.5KW-250KW							
Application▶	Suitable for use with Industrial Pumps & Fans. More I/P & O/P than MM420							
	O/L Capacity (7.5-90): 140% for 3s & 110% for 60s,cycle time 300sec							
	O/L Capacity (110-250): 150% for 1s & 110% for 59s,cycle time 300sec							
	Motor Rating		Rated I/P Current Amp	Rated O/P Current Amp	MLFB NO.	Drive Partcode	Semiconductor Fuse Link Amp	Fuse Base Amp
	KW	HP						
	7.5	10	17.3	19	6SE6430-2UD27-5CA0	ADSIFCB001	3NA3807-7Y : 20A	3NH3 032 : 160A
	11	15	23.1	26	6SE6430-2UD31-1CA0	ADSIGCB001	3NA3812-7Y : 32A	3NH3 032 : 160A
	15	20	33.8	32	6SE6430-2UD31-5CA0	ADSIHCB001	3NA3817-7Y : 40A	3NH3 032 : 160A
	18.5	25	37	38	6SE6430-2UD31-8DA0	ADSIICB001	3NA3820-7Y : 50A	3NH3 032 : 160A
	22	30	43	45	6SE6430-2UD32-2DA0	ADSIJCB001	3NA3822-7Y : 63A	3NH3 032 : 160A
	30	40	59	62	6SE6430-2UD33-0DA0	ADSIPCB001	3NA3824-7Y : 80A	3NH3 032 : 160A
	37	50	72	75	6SE6430-2UD33-7EA0	ADSIKCB001	3NA3830-7Y : 100A	3NH3 032 : 160A
	45	60	87	90	6SE6430-2UD34-5EA0	ADSILCB001	3NA3832-7Y : 125A	3NH3 032 : 160A
	55	75	104	110	6SE6430-2UD35-5FA0	ADSIRCB001	3NA3836-7Y : 160A	3NH3 230 : 250A
	75	100	139	145	6SE6430-2UD37-5FA0	ADSIMCB001	3NA3140-7Y : 200A	3NH3 230 : 250A
	90	120	169	178	6SE6430-2UD38-8FA0	ADSIOCB001	3NA3144-7Y : 250A	3NH3 230 : 250A
	110	150	200	205	6SE6430-2UD41-1FA0	ADSIQCB002	3NE1227-0 : 250A	3NH3 230 : 250A
	132	200	245	250	6SE6430-2UD41-3FA0	ADSIVCB001	3NE1230-0 : 315A	3NH3 230 : 250A
	160	250	297	302	6SE6430-2UD41-6GA0	ADSITCB001	3NE1332-0 : 400A	3NH3 330 : 400A
	200	300	354	370	6SE6430-2UD42-0GA0	ADSISCB001	3NE1333-0 : 450A	3NH3 330 : 400A
	250	350	442	477	6SE6430-2UD42-5GA0	ADSIWCB001	3NE1435-0 : 560A	3NH3 330 : 400A

Type▶	MM440								
Voltage Range▶	3 AC 380-480V +/-10%								
Range▶	CT (CONSTANT TORQUE) : 0.37KW-200KW - VT (VARIABLE TORQUE) : 7.5KW-250KW								
Application ▶	CT : Compressors,Processing machines - VT : Pumps & Fans								
	CT : O/L Capacity(0.12-75):150% for 60s & 200% for 3s,cycle time 300sec - VT : O/L Capacity(5.5-90):140% for 3s & 110% for 60s,cycle time 300sec								
	CT :O/L Capacity(90-200):136% for 57s & 160% for 3s,cycle time 300sec -VT :O/L Capacity(110-250):150% for 1s & 110% for 59s,cycle time 300sec								
	Motor Rating			Rated I/P Current Amp	Rated O/P Current Amp	MLFB NO.	Drive Partcode	Semiconductor Fuse Link Amp	Fuse Base Amp
	CT (KW)	VT (KW)	HP						
	0.37		0.50	2.2	1.3	6SE6440-2UD13-7AA1	ADSI2CC001	3NA3803-7Y : 10A	3NH3 032 : 160A
	0.55		0.75	2.8	1.7	6SE6440-2UD15-5AA1	ADSI3CC001	3NA3803-7Y : 10A	3NH3 032 : 160A
	0.75		1.0	3.7	2.2	6SE6440-2UD17-5AA1	ADSIACC001	3NA3803-7Y : 10A	3NH3 032 : 160A
	1.1		1.5	4.9	3.1	6SE6440-2UD21-1AA1	ADSINCC001	3NA3803-7Y : 10A	3NH3 032 : 160A
	1.5		2.0	5.9	4.1	6SE6440-2UD21-5AA1	ADSIBCC001	3NA3803-7Y : 10A	3NH3 032 : 160A
	2.2		3.0	7.5	5.9	6SE6440-2UD22-2BA1	ADSICCC001	3NA3805-7Y : 16A	3NH3 032 : 160A
	3		4.0	10	7.7	6SE6440-2UD23-0BA1	ADSI4CC001	3NA3805-7Y : 16A	3NH3 032 : 160A
	4		5.0	12.8	10.2	6SE6440-2UD24-0BA1	ADSIDCC001	3NA3807-7Y : 20A	3NH3 032 : 160A
	5.5	7.5	7.5	15.6	13.2	6SE6440-2UD25-5CA1	ADSIIECC001	3NA3807-7Y : 20A	3NH3 032 : 160A
	7.5	11	10	22	18.4	6SE6440-2UD27-5CA1	ADSIIFCC001	3NA3812-7Y : 32A	3NH3 032 : 160A
	11	15	15	23.1	26	6SE6440-2UD31-1CA1	ADSIGCC001	3NA3817-7Y : 40A	3NH3 032 : 160A
	15	18.5	20	33.8	32	6SE6440-2UD31-5DA1	ADSIGCD001	3NA3820-7Y : 50A	3NH3 032 : 160A
	18.5	22	25	37	38	6SE6440-2UD31-8DA1	ADSIICC001	3NA3822-7Y : 63A	3NH3 032 : 160A
	22	30	30	43	45	6SE6440-2UD32-2DA1	ADSIJCC001	3NA3824-7Y : 80A	3NH3 032 : 160A
	30	37	40	59	62	6SE6440-2UD33-0EA1	ADSIIPCC001	3NA3830-7Y : 100A	3NH3 032 : 160A
	37	45	50	72	75	6SE6440-2UD33-7EA1	ADSIKCA001	3NA3832-7Y : 125A	3NH3 032 : 160A
	45	55	60	87	90	6SE6440-2UD34-5FA1	ADSI LCC001	3NA3836-7Y : 160A	3NH3 230 : 250A

Type▶	MM440								
Voltage Range▶	3 AC 380-480V +/-10%								
Range▶	CT (CONSTANT TORQUE) : 0.37KW-200KW - VT (VARIABLE TORQUE) : 7.5KW-250KW								
Application▶	CT : Compressors,Processing machines - VT : Pumps & Fans								
	CT : O/L Capacity(0.12-75):150% for 60s & 200% for 3s,cycle time 300sec - VT : O/L Capacity(5.5-90):140% for 3s & 110% for 60s,cycle time 300sec								
	CT : O/L Capacity(90-200):136% for 57s & 160% for 3s,cycle time 300sec - VT : O/L Capacity(110-250):150% for 1s & 110% for 59s,cycle time 300sec								
	Motor Rating			Rated I/P Current Amp	Rated O/P Current Amp	MLFB NO.	Partcode	Semiconductor Fuse Link Amp	Fuse Base Amp
	CT (KW)	VT (KW)	HP						
	55	75	75	104	110	6SE6440-2UD35-5FA1	ADSIRCC001	3NA3140-7Y : 200A	3NH3 230 : 250A
	75	90	100	139	145	6SE6440-2UD37-5FA1	ADSIMCC001	3NA3144-7Y : 250A	3NH3 230 : 250A
	90	110	125	169	178	6SE6440-2UD38-8FA1	ADSIOCC001	3NE1227-0 : 250A	3NH3 230 : 250A
	110	132	150	200	205	6SE6440-2UD41-1FA1	ADSIQCC001	3NE1230-0 : 315A	3NH3 230 : 250A
	132	160	200	245	250	6SE6440-2UD41-3GA1	ADSIVCC001	3NE1332-0 : 400A	3NH3 330 : 400A
	160	200	250	297	302	6SE6440-2UD41-6GA1	ADSITCC001	3NE1333-0 : 450A	3NH3 330 : 400A
	200	250	300	354	370	6SE6440-2UD42-0GA1	ADSISCC001	3NE1435-0 : 560A	3NH3 430 : 630A