

Single & Three Phase AC	Group	D00	D0			D1				D2			D3	
Capacity (in kW)		6	8	11	12	16	20	32	40	50	63	100	125	250
AC 2 VDE/IEC	220-240V	2.5	3.5	3.5	3.5	7	8.5	10	16	18	22	34	45	72
Slip Ring Motors and	380-440V		6	6	6	12	14.5	17	24	30	34	42	55	95
Star Delta Switching	500V		6	6	6	12	14.5	17	24	33	38	49	70	103
	660-690V		6	6	6	12	14.5	17	26	35	42	53	75	110
AC 3 VDE/IEC	220-240V	1.8	2.2	2.2	2.2	4.4	5.5	6.6	10	12	15	22	30	47
Squirrel Cage Motors -	380-440V		4	4	4	7.5	9	11	15	19	22	27	40	64
starting, switching OFF	500V		4	4	4	7.5	9	11	15	22	27	35	48	82
while running	660-690V		4	4	4	7.5	9	11	17	23	28	37	55	88
Star Delta Switching	110V	0.3	0.4	0.4	0.4	0.5	1.1	1.7	2.5	3	3.8	5.5	6	11.5
	220-240V	0.55	0.75	0.75	0.75	1.5	2.2	3.3	5	6	7.5	11	13	23.5
	400V	0.75	1.3	1.3	1.3	2.2	3.8	6	7.5	10.5	13	18.5	20.5	40.5
AC 4 VDE/ICE	220-440V	0.37	0.55	0.55	0.55	1	1.8	2.7	4	5	6	9	12	18
Squirrel Cage Motors -	380-440V	0.55	1.5	1.5	1.5	2.2	3	5	7	7.5	9	11	15	26
starting, reversing	500V		1.5	1.5	1.5	2.2	3.6	5.2	7.5	8	10	13	18	29
plugging, inching	660-690V		1.5	1.5	1.5	3	5	7	7.5	9	11	15	20	35
	110V		0.15	0.15	0.15	0.2	0.5	0.7	1	1.2	1.5	2.2	3	4.7
	220-240V		0.25	0.25	0.25	0.5	1	1.3	2	2.5	3	4.5	6	9.6
	660-690V		1.5	1.5	1.5	1.7	1.9	2.5	4.5	4.8	5.6	8.5	12	18
AC 23 VDE/IEC	220-240V		2.6	2.6	2.6	5.3	6.6	8	12	14.5	18	26.5	36	56.5
periodic switching	380-440V		4.8	4.8	4.8	9	10.5	13.2	18	22.5	26.5	32.5	45.5	76
of motors	500V		4.8	4.8	4.8	9	10.5	15	22	25	30	35	50	85
selection criteria for	660-690V		4.8	4.8	4.8	11.5	12.5	15	17	23	28	37	55	88
Main Switches.	110V	0.37	0.5	0.5	0.5	0.8	1.3	2	3	3.6	4.5	6.6	7.2	14
	220-240V	0.75	0.9	0.9	0.9	1.8	2.8	4	6	7.2	9	13.2	14.5	28.5
	380-440V	1.1	1.5	1.5	1.5	2.7	4.6	7.2	9	12.5	15.5	22.5	24.5	48
Capacity (in HP) CSA	110V	1	1	1	1	1.8	3	4.5	7	8	10	15	20	32
Normal Motor Load	220V	1	2	2	2	3.5	6	9	14	16	20	30	41	64
DOL squirrel cage	440V		4.5	4.5	4.5	7.5	12	16	22	28	35	45	61	95
Motors, similar AC 3	600V		5.4	5.4	5.4	10	15.7	20	23.5	31	38	50	70	120
	110V	0.33	0.5	0.5	0.5	0.9	1.5	2.2	3.5	4	5	7.5	10	16
	220V	0.75	1	1	1	1.8	3	4.5	7	8	10	15	20	32
Capacity (in HP) CSA	110V	1	1	1	1	1.8	3	4.5	7	8	10	15	20	32
Heavy Duty Motor	220V	1	2	2	2	3.5	6	9	14	16	20	30	41	64
Load DOL squirrel	440V		4.5	4.5	4.5	7.5	12	16	22	28	35	45	61	95
cage, starting,	600V		5.4	5.4	5.4	10	15.7	20	23.5	31	38	50	70	120
reversing, inching	110V	0.33	0.5	0.5	0.5	0.9	1.5	2.2	3.5	4	5	7.5	10	16
similar AC 4	220V	0.75	1	1	1	1.8	3	4.5	7	8	10	15	20	32

Maximum Frequency

3 kHz

Ambient temperature open

-20 to +50 deg C

Ambient temperature closed

-20 to +40 deg C

Fully enclosed Switches must be de-rated by 0.8