

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