



## MAX OVERVOLTAGE AND OVERCURRENT OF CAPACITOR



### Rate of max overvoltage of the capacitor by IEC60831

Un Volt	Un + 10% up to 8 hours daily	Un + 15% up to 30 mins daily	Un + 20% up to 5 mins monthly	Un + 30% up to 1 mins monthly
230	253	265	276	299
400	440	460	480	520
415	457	477	498	540
440	484	506	528	572
480	528	552	576	624
525	578	604	630	683

Unit : Volt

Max Overvoltage
110% : Un + 10% [up to 8 hours daily]
115% : Un + 15% [up to 30 mins daily]
120% : Un + 20% [up to 5 mins monthly]
130% : Un + 30% [up to 1 mins monthly]



### Rate of max overcurrent of the capacitor by IEC60831

RATING	1 Phase	3 Phase			
	400V	400V	440V	480V	525V
5 Kvar	16.3	9.4	8.6	7.8	7.2
7.5 Kvar	24.4	14	12.7	11.7	10.7
10 Kvar	32.5	18.7	17	15.6	14.3
12.5 Kvar	40.7	23.4	21.3	19.5	17.8
15 Kvar	48.8	28.2	25.6	23.4	21.5
20 Kvar		37.6	34.1	31.3	28.6
25 Kvar		46.9	42.6	39.1	35.8
30 Kvar		56.3	51.2	46.9	42.9
40 Kvar		75	68.3	62.5	57.2
45 Kvar		84.5	76.7	70.3	64.4
50 Kvar		93.9	85.3	78.1	71.5
60 Kvar		112.6	102.3	93.9	85.8
75 Kvar		140.8	127.9	117.3	107.3

Unit : Ampere

Max Overcurrent
130% : 1.3 x In ( Not more than 1.3 times the rated current )