

# EPCOS AG, GERMANY

EPCOS AG is the legal successor to Siemens Matsushita Components GmbH.

## Components Selection Table for

### Detuned Capacitor Banks

Grid: V = 400 V\*\*, f = 50 Hz; 480 V Capacitors / 7% detuning

	Effective filter output	Voltage increase on capacitor	Selected Capacitor voltage (min.)	Capacitor output	Calculated capacitance	Reactor Inductivity	Capacitor	Reactor	Contactor	Cable* cross section	Fuse*** rating
%	kVAr	V	V	kVAr	3* $\mu$ F	mH	ord. code	ord. code	ord. code	mm <sup>2</sup>	A
7	5.00	430	480	6.70	30.85	7.671	B25667 A5966-A375	B4066- D7005-S400	B44066 S1610-J123	4	16
7	10.00	430	480	13.39	61.70	3.835	B25667 A5197-A375	B44066- D7010-S400	B44066 S1610-J123	6	25
7	12.50	430	480	16.74	77.13	3.068	B25667 A4237-A355	B44066- D7012-S400	B44066 S1610-J123	10	35
7	25.00	430	480	33.48	154.26	1.534	B25667 A4287-A375 + A4177-A365	B44066- D7025-S400	B44066 S1610-J123	16	63
7	50.00	430	480	66.96	308.52	0.767	2xB25667 A4287-A375+ A4347-A365	B44066- D7050-S400	B44066 S1610-J123	35	125
7	60.00	430	480	80.35	370.22	0.639	B25667 A4287-A375	B44066- D7060-S400	B44066- N/A	50	160
7	100.00	430	480	133.92	617.04	0.384	4xB25667 A4287-A375+ 2xA4347-A365	B44066- D7100-S400	B44066- N/A	70	250