

# 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; 525 V Capacitors / 7% detuning

	Effective filter output	Voltage increase on capacitor	Selected Capacitor voltage (min.)	Capacitor output	Calculated capacitance	Reactor Inductivity	Capacitor	Reactor	Contactore	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	25.00	430	525	40.05	154.26	1.534	2xMKK525D20	B4066-D7025-S400	S3210	16	63
7	30.00	430	525	48.06	185.11	1.278	2xMKK525D25	B4066-D7030-S400	S5010	25	80
7	50.00	430	525	80.10	308.52	0.767	4xMKK525D20	B4066-D7050-S400	S6210	35	125
7	75.00	430	525	120.16	462.78	0.511	6xMKK525D20	B4066-D7075-S400	S9910	70	160
7	100.00	430	525	160.21	617.04	0.384	8xMKK525D20	B4066-D7100-S400	S9910	120	250