

Selection Table for ABB Capacitor unit & Components in 3-phase 50Hz circuit

SYSTEM VOLTAGE	TYPE	CAPACITORS						COMPONENTS				Minimum Cu Cable (mm ²)	
		Rating (kvar)	Rating (kvar)	In (Amp)	In (Amp)	Terminal	Weight (kg)	Fuse Bases	Fuse Links	Contactor	Contactor		
230V		230V		230V							230V		
	CLMD 43	8		20.1		M6	4	XLP00/OFAX 00P3	000/50Amp	UA30-30-11			6
		16		40.2		M6	5	XLP00/OFAX 00P3	000/80Amp	UA30-30-11			10
	CLMD 53	24		60.2		M8	10	XLP00/OFAX 00P3	000/100Amp	UA63-30-11			25
	CLMD 63	32		80.3		M10	12	XLP00/OFAX 00P3	00/160Amp	UA95-30-11			35
		40		100.4		M10	14	XLP00/OFAX 00P3	00/160Amp	UA110-30-11			50
		48		120.5		M10	15.5	XLP1/OFAX 1P3	1/200Amp	*			70
		56		140.6		M10	17	XLP1/OFAX 1P3	1/250Amp	*			70
	64		160.7		M10	18	XLP1/OFAX 1P3	1/250Amp	*			95	
400V/415V		400V	415V	400V	415V						400V	415V	
	CLMD 43	5	5.5	7.2	7.7	M6	4.5	XLP00/OFAX 00P3	000/16Amp	UA30-30-11	UA30-30-11		2.5
		10	11	14.4	15.3	M6	4.5	XLP00/OFAX 00P3	000/25Amp	UA30-30-11	UA30-30-11		4.0
		15	16	21.7	22.3	M6	4.5	XLP00/OFAX 00P3	000/50Amp	UA30-30-11	UA30-30-11		6
		20	22	28.9	30.6	M6	5.5	XLP00/OFAX 00P3	000/50Amp	UA30-30-11	UA30-30-11		10
		25	27	36.1	37.6	M6	5.5	XLP00/OFAX 00P3	000/63Amp	UA30-30-11	UA30-30-11		10
	CLMD 53	30	32	43.3	44.5	M8	8	XLP00/OFAX 00P3	000/80Amp	UA50-30-11	UA50-30-11		16
		40	43	57.7	59.8	M8	10	XLP00/OFAX 00P3	000/100Amp	UA63-30-11	UA63-30-11		25
		45	50	65.0	69.6	M8	12	XLP00/OFAX 00P3	00/125Amp	UA63-30-11	UA75-30-11		25
	CLMD 63	50	54	72.2	75.1	M10	13.5	XLP00/OFAX 00P3	00/125Amp	UA75-30-11	UA95-30-11		35
		60	65	86.6	90.4	M10	14.5	XLP00/OFAX 00P3	00/160Amp	UA95-30-11	UA95-30-11		35
		70	75	101.0	104.3	M10	15.5	XLP1/OFAX 1P3	1/200Amp	UA110-30-11	UA110-30-11		50
		75	80	108.3	111.3	M10	16	XLP1/OFAX 1P3	1/200Amp	*	*		50
		80	86	115.5	119.6	M10	17	XLP1/OFAX 1P3	1/200Amp	*	*		70
	CLMD 83	100	110	144.3	153.0	M12	21	XLP1/OFAX 1P3	1/250Amp	*	*		95
	480V		480V		480V							480V	
CLMD 43		10		12.0		M6	4.5	XLP00/OFAX 00P3	000/25Amp	UA30-30-11			2.5
CLMD 53		20		24.1		M8	8	XLP00/OFAX 00P3	000/50Amp	UA30-30-11			6
		27		32.5		M8	8	XLP00/OFAX 00P3	000/63Amp	UA30-30-11			10
		30		36.1		M8	10	XLP00/OFAX 00P3	000/63Amp	UA30-30-11			10
		34		40.9		M8	10	XLP00/OFAX 00P3	000/80Amp	UA30-30-11			16
		40		48.1		M8	12	XLP00/OFAX 00P3	000/80Amp	UA63-30-11			16
CLMD 63		50		60.1		M10	13.5	XLP00/OFAX 00P3	000/100Amp	UA63-30-11			25
		54		65.0		M10	13.5	XLP00/OFAX 00P3	00/125Amp	UA75-30-11			25
		60		72.2		M10	14.5	XLP00/OFAX 00P3	00/125Amp	UA75-30-11			25
		68		81.8		M10	14.5	XLP00/OFAX 00P3	00/160Amp	UA95-30-11			35
		70		84.2		M10	15.5	XLP00/OFAX 00P3	00/160Amp	UA95-30-11			35
		75		90.2		M10	17	XLP00/OFAX 00P3	00/160Amp	UA110-30-11			35
		80		96.2		M10	17	XLP00/OFAX 00P3	00/160Amp	*			50
500V/525V		500V	525V	500V	525V						500V	525V	
	CLMD 43	9	10	10.4	11.0	M6	4	XLP00/OFAX 00P3	000/25Amp	UA30-30-11	UA30-30-11		2.5
		18	20	20.8	22.0	M6	6.5	XLP00/OFAX 00P3	000/50Amp	UA30-30-11	UA30-30-11		6
	CLMD 53	27	30	31.2	33.0	M8	8	XLP00/OFAX 00P3	000/63Amp	UA30-30-11	UA30-30-11		10
		36	40	41.6	44.0	M8	12	XLP00/OFAX 00P3	000/80Amp	UA50-30-11	UA30-30-11		16
	CLMD 63	45	50	52.0	55.0	M10	14	XLP00/OFAX 00P3	000/100Amp	UA63-30-11	UA50-30-11		16
		54	60	62.4	66.0	M10	15	XLP00/OFAX 00P3	00/125Amp	UA75-30-11	UA63-30-11		25
		63	70	72.7	77.0	M10	17	XLP00/OFAX 00P3	00/125Amp	UA95-30-11	UA63-30-11		35
		72	80	83.1	88.0	M10	19	XLP00/OFAX 00P3	00/160Amp	UA110-30-11	UA95-30-11		35
	CLMD 83	81	90	93.5	99.0	M12	21	XLP00/OFAX 00P3	00/160Amp	*		UA110-30-11	50
		90	100	103.9	110.0	M12	22.5	XLP1/OFAX 1P3	1/200Amp	*	*		50
		110	120	127.0	132.0	M12	24	XLP1/OFAX 1P3	1/250Amp	*	*		70

Selection Table for ABB 7% Detuning Reactor / Capacitors & Components in 3-phase 50Hz circuit.

SYSTEM VOLTAGE	Target kvar / step	REACTOR Type	CAPACITORS Type	COMPONENTS		Minimum	
				Fuse Bases	Fuse Links	Contactor	Cable (mm ²)
400	25	7% for 25kvar at 400V	40kvar 525V	XLP00/OFAX 00P3	000/63Amp	UA30-30-11	10
	50	7% for 50kvar at 400V	80kvar 525V	XLP00/OFAX 00P3	00/125Amp	UA75-30-11	35
	100	7% for 100kvar at 400V	2x (80kvar 525V)	XLP1/OFAX 1P3	1/250Amp	A185-30-11	95
	100	2x (7% for 50kvar at 400V)	2x (80kvar 525V)	2x (XLP00/OFAX 00P3)	2x (00/125Amp)	2x (UA75-30-11)	2x35

Note : For information only. Please refer to application standards, local rules & regulations and technical specifications.