

Individual capacitors

3 phase ①

240 Volt, 60 Hz



ABB's standard capacitor is suitable for general power factor correction applications, for connection directly at the reactive source.

Features include:

- Dry, environmentally safe construction
- Self healing capability
- Patented Internal Protected Elements
- NEMA 1, 3R, 12
- Easy electrical connection to large terminals
- Convenient grounding lug
- Mounting feet for easy installation
- Suitable for floor or wall mounting

240 Volt, 60 Hz – 3-Phase

Enclosure size	kvar rating	Rated current per phase (amps)	Approx. shipping weight (lbs.)	Enclosure type					
				Indoor – NEMA 1		Outdoor – NEMA 3R		Indoor – NEMA 12	
				Catalog number	List price	Catalog number	List price	Catalog number	List price
43	1	2.4	8	C244G1	\$ 268	C244R1	\$ 290	C244D1	\$ 290
	1.5	3.6	8	C244G1.5	278	C244R1.5	300	C244D1.5	300
	2	4.8	8	C244G2	288	C244R2	310	C244D2	310
	2.5	6.0	8	C244G2.5	322	C244R2.5	344	C244D2.5	344
	3	7.2	8	C244G3	336	C244R3	358	C244D3	358
	3.5	8.4	8	C244G3.5	354	C244R3.5	376	C244D3.5	376
	4	9.6	8	C244G4	386	C244R4	408	C244D4	408
	5	12.0	8	C244G5	406	C244R5	428	C244D5	428
	6	14.4	8	C244G6	450	C244R6	472	C244D6	472
	7	16.8	8	C244G7	514	C244R7	536	C244D7	536
	7.5	18.0	8	C244G7.5	526	C244R7.5	548	C244D7.5	548
	8	19.2	8	C244G8	536	C244R8	558	C244D8	558
	9	21.7	8	C244G9	556	C244R9	578	C244D9	578
	10	24.1	8	C244G10	578	C244R10	600	C244D10	600
	11	26.5	13	C244G11	610	C244R11	632	C244D11	632
	12	28.9	13	C244G12	664	C244R12	686	C244D12	686
	12.5	30.1	13	C244G12.5	684	C244R12.5	706	C244D12.5	706
	14	33.7	8	C244G14	706	C244R14	728	C244D14	728
	15	36.1	8	C244G15	750	C244R15	772	C244D15	772
	17	40.8	22	C244G17	814	C244R17	836	C244D17	836
20	48.1	22	C244G20	898	C244R20	920	C244D20	920	
53	22.5	54.1	23	C245G22.5	942	C245R22.5	966	C245D22.5	964
	25	60.1	23	C245G25	1006	C245R25	1,028	C245D25	1,028
	30	72.2	23	C245G30	1,114	C245R30	1,136	C245D30	1,136
	35	84.2	25	C245G35	1,220	C245R35	1,242	C245D35	1,242
	40	96.2	25	C245G40	1,392	C245R40	1,414	C245D40	1,414
63	45	108.3	34	C246G45	1,626	C246R45	1,650	C246D45	1,650
	50	120.3	34	C246G50	1,776	C246R50	1,798	C246D50	1,798
	55	132.3	37	C246G55	2,248	C246R55	2,270	C246D55	2,270
	60	144.3	37	C246G60	2,354	C246R60	2,376	C246D60	2,376
	70	168.4	39	C246G70	2,596	C246R70	2,618	C246D70	2,618
	80	192.6	43	C246G80	2,870	C246R80	2,892	C246D80	2,892

Capacitor state indication system

240V kvar	LEDs catalog number suffix	List price
1 – 15		\$ 182
17 – 30	-2LE	204
35 – 60	-2LF	226
70 – 80		450

The capacitor state indication system consists of two yellow LED lights which illuminate only when the capacitor is energized and functioning at 65% or more of its rated kvar capacity.

The two light system will indicate a failure in any one of the three phases of the capacitor.

208 Volt availability

For 208 volt applications, derate the 240V capacitors. The kvar at 208V will be .75 times the kvar at 240V.

NOTE: ABB's patented IPE design eliminates the need for additional overcurrent protection when capacitors are electrically connected on the load side of a motor starter circuit breaker or fusible disconnect switch.

Optional mounting for individual capacitors

Type	Enclosure sizes	Catalog number	List price
Wall mounting kit ②	43-93	WM83K	\$ 54
Rack mounting style enclosure	53-93	Catalog # suffix -RM	74

① For single phase capacitors, please consult your ABB representative.

② When the wall mounting kit is used with enclosure sizes 63, 83 & 93, it is recommended to order the rack style enclosure.