



Exclusive Distributor by:
MONTRELEC INC.

Three-phased Cylindrical-Type Power Capacitor is used to correct Power Factor for Motors, Low Voltage Transformers and inside Industrial Switchboard. It is sometimes used with blocking reactors with harmonics presence.

No.	Specifications	Data	
		200 Series	205 Series
1	Construction	Cylindrical	
2	External Terminal Box & Casing Finishing	Extruded Aluminum Casing	
3	Type	Dry, Self-Healing	
4	Dielectric	Bi-Axially Oriented Polypropylene	
5	Plate	Zinc-Aluminium Alloy	
6	Rated Voltage (UN)	440V	525V
7	Frequency (fN)	50 / 60 Hz	
8	Connection	Internal Delta	
9	Temperature Category	D / -25°C to +55°C	
10	Capacitance Tolerance	-5% / 10%	
11	Dielectric Loss	≤ 0.2W / KVAR	
12	Encapsulation/Impregnation	Polyurethane Resin Oven Cured Flame Retardant	
13	Testing Voltage Between Terminals / time	2.15 UN / 2s	
14	Testing Voltage Between Terminals and Container / time	3000 V / 10s	6000 V / 10s
15	Maximum Permissible Voltage For 8 hrs in every 24 hrs	1.1 UN	
16	Maximum Permissible Current	1.43 IN	
17	Lightning Impulse Test Terminal-Container	15KV (Peak)	
18	Maximum Inrush Current	200 IN	
19	Discharge Resistor (Discharge time - 3 min to 75V)	For 1 - 5 Kvar For 10 - 30 Kvar For 35 - 40 Kvar	Internal / 3 sets of 2 x 6 3mm Double Tags External / 3 x M8 Treaded Cu Stud External / Internal / 3 x M10 Treaded Cu Stud M8 ≤ 4 Nm ; M10 ≤ 10 Nm ; M12 ≤ 15Nm
20	Screw Torque	M8 ≤ 4 Nm ; M10 ≤ 10 Nm ; M12 ≤ 15Nm	
21	Terminal Arrangements	Nylon Insulated Top Decks with M8 / M10 Tin Coated Brass Terminals	
22	Minimum Installation Clearance	50mm Between Top of Capacitor to Enclosure; 50mm between units	
23	Statistical Life Expectancy	> 150,000 Operating Hours	
24	Standards	IEC 60831-1/2	
25	IP Rating	IP54(With Cable Gland And Cover-SIRIM)	
26	Safety Device	Pressure Activated Series Interruptor	

Product Information – 200 Series

f N	50Hz										60Hz										Dimension (mm)		Weight (kg) +/- 0.1
U N	440V		415V		400V		380V		240V		440V		415V		400V		380V		240V				
Product Code	Q N	I N	Q N	I N	Q N	I N	Q N	I N	Q N	I N	Q N	I N	Q N	I N	Q N	I N	Q N	I N	Q N	I N	OD	H	
200QELCO0010	1 0	1.3	0.9	1.2	0.8	1.2	0.7	1.1	0 3	0.7	1.2	1.6	1.1	1 5	1 0	1.4	0.9	1.4	0.4	0.9	60	150	0.5
200QELCO0015	1 5	2.0	1.3	1.9	1.2	1.8	1.1	1.7	0 4	1.1	1.8	2.4	1 6	2 2	1 5	2.1	1.3	2 0	0.5	1.3	60	150	0.5
200QELCO0020	2 0	2.6	1.8	2.5	1.7	2.4	1 5	2 3	0 6	1.4	2.4	3.1	2 1	3 0	2 0	2.9	1.8	2 7	0.7	1.7	60	150	0.5
200QELCO0025	2 5	3.3	2.2	3.1	2.1	3.0	1 9	2 8	0 7	1.8	3.0	3.9	2 7	3 7	2 5	3.6	2.2	3 4	0.9	2.1	60	150	0.5
200QELCO0030	3 0	3.9	2.7	3.7	2.5	3.6	2 2	3 4	0 9	2.1	3.6	4.7	3 2	4 5	3 0	4.3	2.7	4 1	1.1	2.6	60	150	0.5
200QELCO0033	3 3	4.3	2.9	4.1	2.7	3.9	2 5	3 7	1 0	2.4	4.0	5.2	3 5	4 9	3 3	4.7	3.0	4 5	1.2	2.8	60	150	0.5
200QELCO0050	5 0	6.6	4.4	6.2	4.1	6.0	3 7	5 7	1 5	3.6	6.0	7.9	5 3	7 4	5 0	7.2	4.5	6 8	1.8	4.3	65	200	0.8
200QELCO0100	10.0	13.1	8.9	12.4	8.3	11.9	7 5	11.3	3 0	7.2	12.0	15.7	10.7	14.9	9 9	14.3	9.0	13.6	3.6	8.6	86	225	1.4
200QELCO0125	12.5	16.4	11.1	15.5	10.3	14.9	9 3	14.2	3 7	8.9	15.0	19.7	13.3	18.6	12.4	17.9	11.2	17.0	4.5	10.7	86	225	1.4
200QELCO0150	15.0	19.7	13.3	18.6	12.4	17.9	11.2	17.0	4 5	10.7	18.0	23.6	16.0	22.3	14.9	21.5	13.4	20.4	5.4	12.9	86	225	1.4
200QELCO0200	20.0	26.2	17.8	24.8	16.5	23.9	14.9	22.7	6 0	14.3	24.0	31.5	21.4	29.7	19.8	28.6	17.9	27.2	7.1	17.2	86	225	1.8
200QELCO0250	25.0	32.8	22.2	30.9	20.7	29.8	18.6	28.3	7 4	17.9	30.0	39.4	26.7	37.1	24.8	35.8	22.4	34.0	8.9	21.5	100	287	2.5
200QELCO0300	30.0	39.4	26.7	37.1	24.8	35.8	22.4	34.0	8 9	21.5	36.0	47.2	32.0	44.6	29.8	42.9	26.9	40.8	10.7	25.8	100	287	2.5
200QELCO0350	35.0	45.9	31.1	43.3	28.9	41.8	26.1	39.7	10.4	25.1	42.0	55.1	37.4	52.0	34.7	50.1	31.3	47.6	12.5	30.1	120	287	3.0
200QELCO0400	40.0	52.5	35.6	49.5	33.1	47.7	29.8	45.3	11.9	28.6	48.0	63.0	42.7	59.4	39.7	57.3	35.8	54.4	14.3	34.4	120	287	3.0

Q_N = kVar ; I_N = Amps

Product Information – 205 Series

f N	50Hz								60Hz								Dimension (mm)		Weight (kg)
U N	525V		500V		480V		440V		525V		500V		480V		440V				
Prod ct Code	Q N	I N	Q N	I N	Q N	I N	Q N	I N	Q N	I N	Q N	I N	Q N	I N	Q N	I N	OD	H	
205QELCO00	0	1	0	0	0	0	0	0	1.2	3	0	1.2	8	1	6	5	60	150	0.5
205QELCO0015	1.5	1.6	1.4	1.6	1.3	1.5	1.1	1	1.8	2.0	1.6	1.9	1.5	1.8	1.3	1.7	60	150	0.5
205QELCO0020	2.0	2.2	1.8	2.1	1.7	2.0	1.4	1.8	2.4	2.6	2.2	2.5	2.0	2.4	1.7	2.2	60	150	0.5
205QELCO0025	2.5	2.7	2.3	2.6	2.1	2.5	1.5	1.8	2.3	2.6	2.3	2.7	2.1	2.5	2.1	2.8	60	150	0.5
205QELCO0030	3.0	3.3	2.7	3	2.5	3	2.1	2.8	3	4	3.3	3.8	3	3.6	2.5	3.3	60	150	0.5
205QELCO0033	3.3	3.6	3	3.5	3	3.3	2.3	3.0	4	4	3	4.1	3.3	4	2.8	3	60	150	0.5
205QELCO0050	5.0	5.5	4.5	5.2	4.2	5.0	3.5	4.6	6.0	6.6	5.4	6.3	5.0	6.0	4.2	5.5	65	200	0.8
205QELCO0100	10.0	11.0	9.1	10.5	8.4	10.1	7.0	9.2	12.0	13.2	10.9	12.6	10.0	12.1	8.4	11.1	86	225	1.4
205QELCO0125	12.5	13.7	11.3	13.1	10.4	12.6	8.8	11.5	15.0	16.5	13.6	15.7	12.5	15.1	10.5	13.8	86	225	1.4
205QELCO0150	15.0	16.5	13.6	15.7	12.5	15.1	10.5	13.8	18.0	19.8	16.3	18.9	15.0	18.1	12.6	16.6	86	225	1.4
205QELCO0205	20.0	22.0	18.1	20.9	16.7	20.1	14.0	18.4	24.0	26.4	21.8	25.1	20.1	24.1	16.9	22.1	86	225	1.8
205QELCO0250	25.0	27.5	22.7	26.2	20.9	25.1	17.6	23.0	30.0	33.0	27.2	31.4	25.1	30.2	21.1	27.6	100	287	2.5
205QELCO0300	30.0	33.0	27.2	31.4	25.1	30.2	21.1	27.6	36.0	39.6	32.7	37.7	30.1	36.2	25.3	33.2	100	287	2.5
205QELCO0350	35.0	38.5	31.7	36.7	29.3	35.2	24.6	32.3	42.0	46.2	38.1	44.0	35.1	42.2	29.5	38.7	120	287	3.0
205QELCO0400	40.0	44.0	36.3	41.9	33.4	40.2	28.1	36.9	48.0	52.8	43.5	50.3	40.1	48.3	33.7	44.2	120	287	3.0

Q_N = kVar ; I_N = Amps

PRODUCT DIMENSION

