



PRODUCT SPECIFICATION - 200 SERIES

No	Specification	Data
1	Rated Voltage ( $U_N$ )	400V/415V/440V
		<b>Three Phase</b>
2	Rated Frequency ( $f_N$ )	50/60Hz
3	Construction	Cylindrical Aluminum Casing
4	Type	Dry; Self-Healing
5	Dielectric	Bi-Axially Oriented Polypropylene
6	Connection	Internal Delta
7	Temperature Category	-25°C to +55°C / D
8	Capacitance Tolerance	-5% to +10%
9	Dielectric Loss	$\leq 0.2W / kVAr$
10	Total losses inclusive of discharge resistor	$\leq 0.5W / kVAr$
11	Testing Voltage Between Terminals / Time	$2.15 \times U_N / 2s$
12	Testing Voltage Between Terminals & Container / Time	3000V / 10s
13	Maximum Permissible Voltage	
	- For 8 Hrs in Every 24 Hrs	$1.10 \times U_N$
	- For 30 Mins in Every 24 Hrs	$1.15 \times U_N$
	- For 2 Times x 5 Mins in each Month	$1.20 \times U_N$
	- For 2 Times x 1 Min in each Month	$1.30 \times U_N$
14	Maximum Permissible Current	$1.3 \times I_N$
15	Discharge Resistor	For 1 - 5 kVAr Internal
		For 10 - 35 kVAr External
16	Terminals	For 1 - 5 kVAr 3 sets of 2 x 6.3mm Double Tags
		For 10 - 35 kVAr 3 x M8 Screw
17	Lightning Impulse Test Between Terminal & Container	15kV (Peak)
18	Discharge time	75 Volt in 3 Mins
19	Safety Device	Internal Over-Pressure Disconnecter
20	Installation Clearance	Minimum 15mm distance between top of capacitor and assembly enclosures; 20mm between capacitors
21	Service Life	>150.000 Operating Hrs
22	Standard	IEC 60831-1/2

## Product Information - 200 Series - 400V

$f_N$	50Hz		60Hz		Dimension (mm)		Weight (kg)
$U_D$	400V		400V		OD	H	
Product Code	$Q_N$	$I_N$	$Q_N$	$I_N$			
200QELCO400010	1.0	1.44	1.20	1.73	60	150	0.5
200QELCO400020	2.0	2.89	2.40	3.47	60	150	0.5
200QELCO400050	5.0	7.22	6.00	8.67	65	200	0.8
200QELCO400100	10.0	14.4	12.0	17.3	86	225	1.4
200QELCO400150	15.0	21.6	18.0	25.9	86	225	1.8
200QELCO400200	20.0	28.9	24.0	34.7	100	287	2.5
200QELCO400250	25.0	36.1	30.0	43.3	100	287	2.8
200QELCO400300	30.0	43.3	36.0	51.9	100	287	3.0

## Product Information - 200 Series - 415V

$f_N$	50Hz		60Hz		Dimension (mm)		Weight (kg)
$U_D$	415V		415V		OD	H	
Product Code	$Q_N$	$I_N$	$Q_N$	$I_N$			
200QELCO415010	1.0	1.39	1.20	1.67	60	150	0.5
200QELCO415020	2.0	2.79	2.40	3.34	60	150	0.5
200QELCO415050	5.0	6.96	6.00	8.36	65	200	0.8
200QELCO415100	10.0	13.9	12.0	16.7	86	225	1.4
200QELCO415150	15.0	20.9	18.0	25.1	86	225	1.8
200QELCO415200	20.0	27.9	24.0	33.4	100	287	2.5
200QELCO415250	25.0	34.8	30.0	41.8	100	287	2.8
200QELCO415300	30.0	41.8	36.0	50.1	100	287	3.0

## Product Information - 200 Series - 440V

$f_N$	50Hz		60Hz		Dimension (mm)		Weight (kg)
$U_D$	440V		440V		OD	H	
Product Code	$Q_N$	$I_N$	$Q_N$	$I_N$			
200QELCO440010	1.0	1.31	1.20	1.57	60	150	0.5
200QELCO440020	2.0	2.62	2.40	3.14	60	150	0.5
200QELCO440050	5.0	7.22	6.00	8.67	65	200	0.8
200QELCO440100	10.0	13.1	12.0	15.7	86	225	1.4
200QELCO440150	15.0	19.7	18.0	23.6	86	225	1.8
200QELCO440200	20.0	26.2	24.0	31.4	100	287	2.5
200QELCO440250	25.0	32.8	30.0	39.4	100	287	2.8
200QELCO440300	30.0	39.4	36.0	47.3	100	287	3.0

## Product Dimension - 200 Series IP54

