



PRODUCT SPECIFICATION - 212 SERIES

No	Specification	Data	
		240V	250V
1	Rated Voltage ( $U_N$ )	<b>Single 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	Single Phase	
7	Temperature Category	-25°C to +55°C / D	
8	Capacitance Tolerance	-5% to +10%	
9	Dielectric Loss	≤0.2W / kVAr	
10	Total losses inclusive of discharge resistor	≤0.5W / kVAr	
11	Testing Voltage Between Terminals / Time	2.15 x $U_N$ / 2s	
12	Testing Voltage Between Terminals & Container / Time	3000V / 10s	
13	Maximum Permissible Voltage		
	- For 8 Hrs in Every 24 Hrs	1.10 x $U_N$	
	- For 30 Mins in Every 24 Hrs	1.15 x $U_N$	
	- For 2 Times x 5 Mins in each Month	1.20 x $U_N$	
	- For 2 Times x 1 Min in each Month	1.30 x $U_N$	
14	Maximum Permissible Current	1.3 x $I_N$	
15	Discharge Resistor	External	
16	Terminals	2 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 - 212 Series - 240V

$f_n$	50Hz		60Hz		Dimension (mm)		Weight (kg)
$U_o$	240V		240V		OD	H	
Product Code	$Q_n$	$I_n$	$Q_n$	$I_n$			
212QELCO240025	2.50	10.42	3.00	12.50	86	188	1.0
212QELCO240050	5.00	20.83	6.00	25.0	100	205	1.6
212QELCO240100	10.00	41.67	12.0	50.0	100	320	2.6

## Product Information - 212 Series - 250V

$f_n$	50Hz		60Hz		Dimension (mm)		Weight (kg)
$U_o$	250V		250V		OD	H	
Product Code	$Q_n$	$I_n$	$Q_n$	$I_n$			
212QELCO250025	2.50	10.00	3.00	12.00	86	188	1.0
212QELCO250050	5.00	20.00	6.00	24.00	100	205	1.6
212QELCO250100	10.00	40.00	12.0	48.0	100	320	2.6

## Product Dimension - 212 Series IP54

