



ELCO Pole Mounted 212 Series applied to rural electricity and micro-grids for local voltage support.

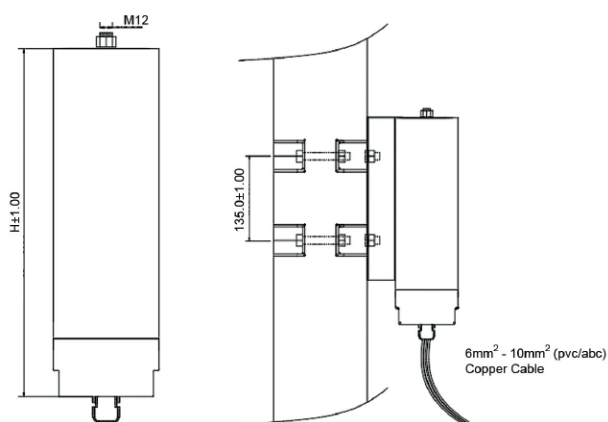
No.	Specifications	Data	
		212 Series IP54	212 Series Bird Cap
1	Construction	Cylindrical	
2	External Terminal Box & Casing Finishing	Aluminum	
3	Type	Dry, Self-Healing	
4	Dielectric	Bi-Axially Oriented polypropylene	
5	Plate	Zinc – Aluminum Alloy	
6	Rated Voltage (UN)	240V	250V
7	Connection	Single Phase	
8	Installation	Pole Mounted	
9	Frequency (fN)	50/60 Hz	
10	Connection	Internal Delta	
11	Temperature Category	D / -25°C to +55°C	
12	Capacitance Tolerance	-5% / +10%	
13	Dielectric Loss	≤ 0.2W / KVAR	
14	Total losses inclusive of discharge resistor	≤ 0.5W / KVAR	
15	Testing Voltage Between Terminals / time	2.15 UN / 2s	
16	Testing Voltage Between Terminals and Container / time	3000V / 10s or 3600 / 2s	
17	Lighting Impulse Voltage Test Between Terminal and Container	15 KV (Peak)	
18	Maximum permissible Voltage For 8 hrs in every 24 hrs	1.1 UN	
19	Maximum permissible Continuous Current	1.43 IN	
20	Maximum Overloads	1.35 times of nominal rating (Kvar)	
21	Maximum inrush current	200 IN	
22	Discharge resistor	External / 3 x M8 Treaded Cu Stud	Internal
23	Discharge time	75 Volt 3 minutes	
24	Screw Type	M8 – Terminal, M12 – Ground	M10 – Terminal, M12 – Ground
25	Screw Torque	M8 < 4Nm; M12 < 10Nm	M10 < 10Nm; M12 < 10Nm
26	Minimum Installation Clearance	15mm Between Top of Capacitor to Enclosure 50mm between units	
27	Service Life	>150,000 Operating Hours	
28	Standards	IEC 60831-1/2	
29	Safety protection	Internal Over Pressure Disconnecter	
30	Protection Degree	IP 54 (with Cable Gland And Cover – SIRIM)	
31	Creepage Distance		≥ 50mm

Product Information – 212 Series IP54

f N	50Hz		60Hz		Dimension		Weight
U N	240V		240V		OD (mm)	H (mm)	(kg)
Product Code	Q N	I N	Q N	I N			
2121ELCO0025	2.5	10.4	3.0	12.5	86	188	1
2121ELCO0050	5.0	20.8	6.0	25.0	100	205	1.6
2121ELCO0100	10.0	41.7	12.0	50.0	100	320	2.6

f N	50Hz		60Hz		Dimension		Weight
U N	250V		250V		OD (mm)	H (mm)	(kg)
Product Code	Q N	I N	Q N	I N			
2123ELCO0025	2.5	9.9	3.0	12.5	86	188	1
2123ELCO0050	5.0	19.9	6.0	24.0	100	205	1.6
2123ELCO0100	10.0	39.9	12.0	48.0	100	320	2.6

Product Dimension – 212 Series IP54



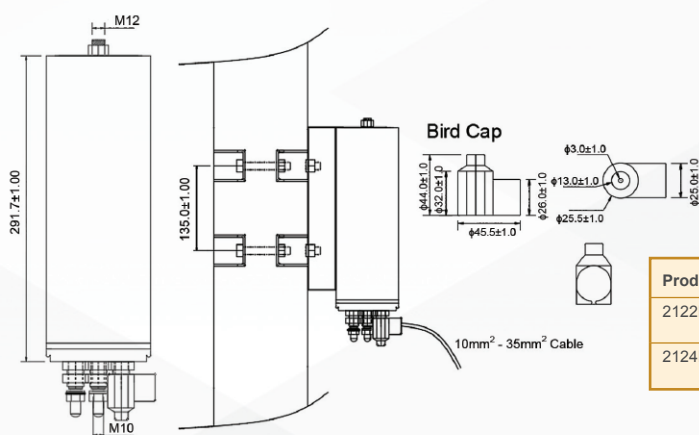
Product order code	Description
2121ELCOXXXX	Rated 240V M8 terminal come with Cover and Cable Gland
2123ELCOXXXX	Rated 250V M8 terminal come with Cover and Cable Gland

Product Information – 212 Series Bird Cap

f N	50Hz		60Hz		Dimension		Weight
U N	240V		240V		OD (mm)	H (mm)	(kg)
Product Code	Q N	I N	Q N	I N			
2122ELCO0050	5.0	20.8	6.0	25.0	100	205	1.6
2122ELCO0100	10.0	41.7	12.0	50.0	100	320	2.6

f N	50Hz		60Hz		Dimension		Weight
U N	250V		250V		OD (mm)	H (mm)	(kg)
Product Code	Q N	I N	Q N	I N			
2124ELCO0050	5.0	19.9	6.0	24.0	100	205	1.6
2124ELCO0100	10.0	39.9	12.0	48.0	100	320	2.6

Product Dimension – 212 Series Bird Cap



Product order code	Description
2122ELCOXXXX	Rated 240V M10 terminal come with Bird Cap
2124ELCOXXXX	Rated 250V M10 terminal come with Bird Cap