



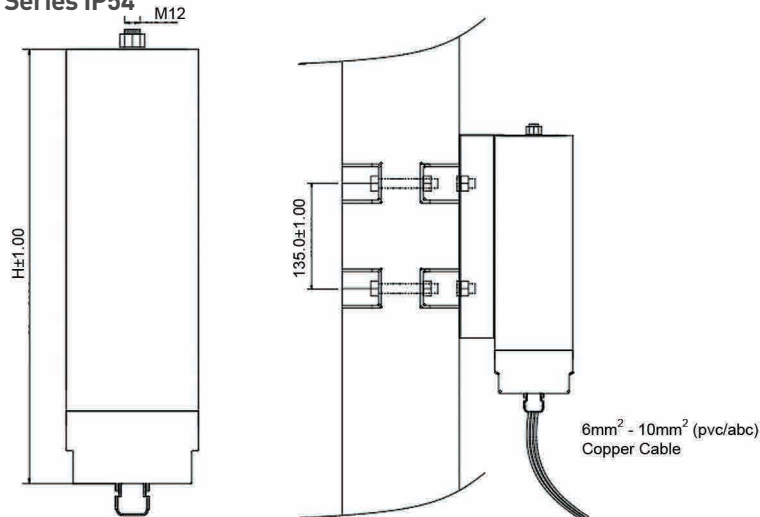
ELCO Pole Mounted 205 Series applied to rural electricity and micro-grids for local voltage support.

No.	Specifications	Data	
		205 Series IP54	205 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)	525V	
7	Connection	3 - 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	$\leq 0.2W / KVAR$	
14	Total losses inclusive of discharge resistor	$\leq 0.5W / KVAR$	
15	Testing Voltage Between Terminals / time	2.15 UN / 2s	
16	Testing Voltage Between Terminals and Container / time	6000V / 10s	
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		$\geq 50mm$

Product Information – 205 Series IP54

f N	50Hz						60Hz						Dimension		Weight
U N	525V		500V		480V		525V		500V		480V		OD (mm)	H (mm)	(kg)
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			
2051ELCO0200	20.0	22.0	18.1	21.0	16.7	20.1	24.0	26.4	21.8	25.1	20.1	24.1	86	320.5	1.8
2051ELCO0250	25.0	27.5	22.7	26.2	20.9	25.1	30.0	33.0	27.2	31.4	25.1	30.2	100	320.5	2.5
2051ELCO0300	30.0	33.0	27.21	31.4	25.08	30.2	36.0	39.6	32.65	37.7	30.09	36.2	100	320.5	2.5

Product Dimension – 205 Series IP54

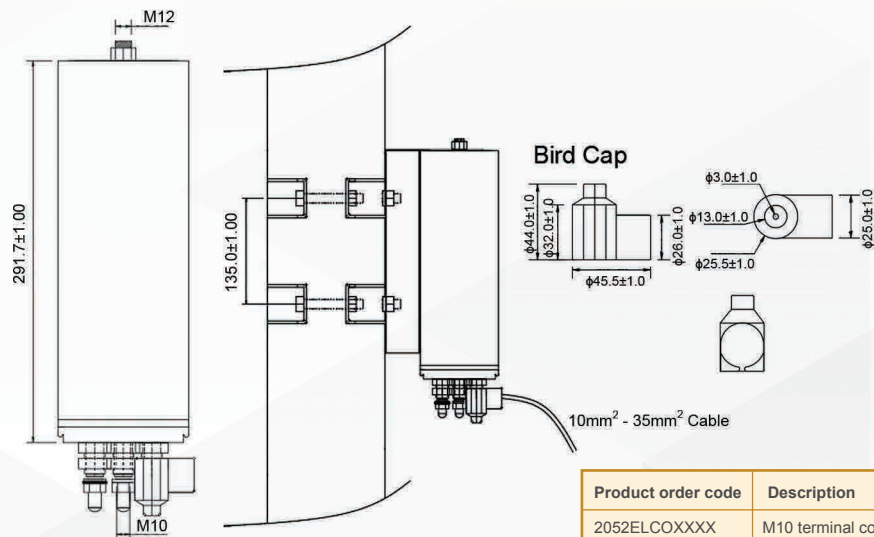


Product order code	Description
2051ELCOXXXX	M8 terminal come with Cover and Cable Gland

Product Information – 205 Series Bird Cap

f N	50Hz						60Hz						Dimension		Weight
U N	525V		500V		480V		525V		500V		480V		OD (mm)	H (mm)	(kg)
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			
2052ELCO0250	25.0	27.5	22.7	26.2	20.9	25.1	30.0	33.0	27.2	31.4	25.1	30.2	100	320.5	2.5
2052ELCO0300	30.0	33.0	27.21	31.4	25.08	30.2	36.0	39.6	32.7	37.7	30.09	36.2	100	320.5	2.5

Product Dimension – 205 Series Bird Cap



Product order code	Description
2052ELCOXXXX	M10 terminal come with Bird Cap