

MCC Coupling Capacitors

Accessory to partial discharge measurement products

OMICRON coupling capacitors can alleviate the problems associated with setting up a partial discharge measurement system, whilst still meeting the high standards required for PD analysis.

The MCC 205 and MCC 210 coupling capacitors are designed with the quadripole measuring impedance built in and they include a dedicated space for the MPD measuring unit and the MPP power pack. The design ensures that the measuring cable lengths are kept to a minimum with consequent improvements in the quality of the PD signals.

The MCC 205 and MCC 210 are compact and sturdy and can be fitted with wheels to provide a mobile system. Alternatively, the capacitors can be permanently mounted if a stationary measurement system is required.



Mobile – Compact – Sturdy
Depicted: MCC 124 and MCC 205*

	MCC 112	MCC 124	MCC 205	MCC 210
U_{Nominal}	12 kV	24 kV	50 kV	100 kV
C_{Nominal}	1.1 nF	1.1 nF	1.0 nF	1.0 nF
I_{max}	15 mA	15 mA	500 mA	500 mA
Q_{PD}	< 2 pC @ 12 kV	< 2 pC @ 24kV	< 1 pC @ 50kV	< 1 pC @ 100 kV
Weight	3.0 kg / 6.6 lbs	3.5 kg / 7.7 lbs	8.2 kg / 18.0 lbs	10.5 kg / 23.0 lbs
Dimensions (W x H x D)	140 x 200 x 140 mm 5.5 x 8.0 x 5.5 in	150 x 250 x 150 mm 6.0 x 10.0 x 6.0 in	450 x 575 x 450 mm 17.5 x 22.5 x 17.5 in	450 x 755 x 450 mm 17.5 x 30.0 x 17.5 in
Fastening	Screw on	Screw on	On mobile base incl. CPL quadripole	On mobile base incl. CPL quadripole
Order Number	VEHZ 4118	VEHZ 4115	VEHZ 4116	VEHZ 4117

* MPP and MPD not included in delivery

OMICRON is an international company serving the electrical power industry with innovative testing and diagnostic solutions. The application of OMICRON products allows users to assess the condition of the primary and secondary equipment on their systems with complete confidence. Services offered in the area of consulting, commissioning, testing, diagnosis, and training make the product range complete.

Customers in more than 140 countries rely on the company's ability to supply leading edge technology of excellent quality. Broad application knowledge and extraordinary customer support provided by offices in North America, Europe, South and East Asia, Australia, and the Middle East, together with a worldwide network of distributors and representatives, make the company a market leader in its sector.

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