

Bushing Adapter MCT High Frequency Current Transformer

Accessories to partial discharge measurement products



Reliable connections with bushing adapters (depicted with included case)

Bushing Adapter

The bushing tap is ideal for connecting the MPD system to detect PD signals from a transformer. OMICRON offers a set of adapters to allow easy connection to different types of capacitive taps on bushings.

With integral sealing rings, the adapters are suitable for outdoor applications. A surge arrester is also included in the package. Note: HSP and F&G / HSP adapters require the Basic adapter to connect.

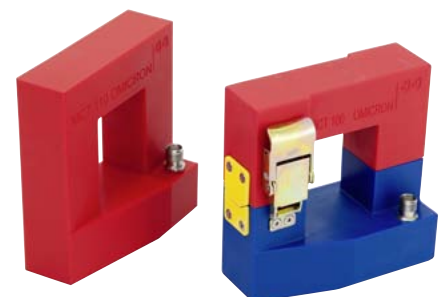
	Basic Adapter	M24-F&G	M30-HSP
Bushing Manufacturer	Micafil / ABB	F&G, HSP	HSP (new types)
Measurement Tap Side (Thread / Connector)	G 3/4" inside female 4 mm	M 24 inside male 4 mm	M 30 x 1.5 female 4 mm
Diagnosis System Side	N-Type female (BNC adapter incl.)	Connects to Basic adapter	Connects to Basic adapter
Surge arrester	included	-	-
Order Number	VEHZ 4121	VEHZ 4122	VEHZ 4123

MCT - High Frequency CT

High Frequency Current Transformers (HFCT) are designed to pick up partial discharge signals from readily accessible positions and at a safe distance from high voltages. It is primarily intended for use on ground connections. The MCT 100 has a split ferrite core which allows

it to be placed around the grounding braid without the need to disconnect it. For fixed installations, e.g. monitoring, the MCT 110 is used. The ferrite core of the MCT 110 is in one piece and protected from dust.

	MCT 100	MCT 110
Frequency Range	80 kHz to 5 MHz	80 kHz to 5 MHz
Inner Hole Dimensions	47 x 57 mm 1.9 x 2.2 in	47 x 57 mm 1.9 x 2.2 in
Outer Dimensions	115 x 120 x 65 mm 4.5 x 4.7 x 2.6 in	110 x 120 x 55 mm 4.3 x 4.7 x 2.2 in
Ferrite Core	split	one piece
Connector	TNC (BNC adapter incl.)	TNC (BNC adapter incl.)
Order Number	VEHZ 4120	VEHZ 4124



Convenient and accurate MCT 110 and MCT 100

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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