

# 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.

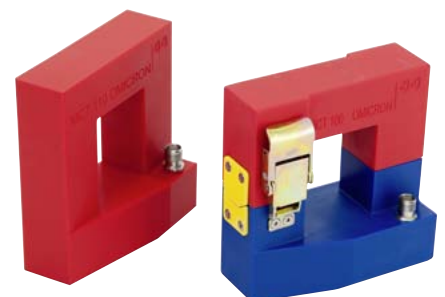
	Basic Adapter	M24-F&G	M30-HSP
<b>Bushing Manufacturer</b>	Micafil / ABB	F&G, HSP	HSP (new types)
<b>Measurement Tap Side (Thread / Connector)</b>	G 3/4" inside female 4 mm	M 24 inside male 4 mm	M 30 x 1.5 female 4 mm
<b>Diagnosis System Side</b>	N-Type female (BNC adapter incl.)	Connects to Basic adapter	Connects to Basic adapter
<b>Surge arrester</b>	included	-	-
<b>Order Number</b>	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
<b>Frequency Range</b>	80 kHz to 5 MHz	80 kHz to 5 MHz
<b>Inner Hole Dimensions</b>	47 x 57 mm 1.9 x 2.2 in	47 x 57 mm 1.9 x 2.2 in
<b>Outer Dimensions</b>	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
<b>Ferrite Core</b>	split	one piece
<b>Connector</b>	TNC (BNC adapter incl.)	TNC (BNC adapter incl.)
<b>Order Number</b>	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.

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