onsite HIGH VOLTAGE

HFCT type B

High sensitive on line PD HFCT

Efficient, integrated diagnostics, comprehensive results

- ✓ Monitor HV, MV cable terminations and cross bonding joints
- ✓ Monitoring switchgear and transformers
- ✓ Split core, simple installation
- ✓ IP67 BNC connection, for outdoor usage
- ✓ Stainless steel latch

Technical Data HFCT B

Working frequency range	0.1 MHz …. 50 MHz (6 dB)
Sensitivity	<= 5 pC
Transmission impedance	10 mV / mA
Matching impedance	50 ohms
Working temperature	-40 … + 85 degC
Dimension	30 mm hole diameter 97 mm outside diameter 30 mm thickness
Protection grade	IP68
Net weight	approx. 500 grams

improvements to specifications are subject to change without notice

Applications

- Accurate on-line PD monitoring
- Monitored PD measurement for MV and HV cable termination
- Temporary and permanent PD monitoring / measurement on switchgear, rotating machines and transformers
- Can be calibrated to measure pC

Features

- Quick response, ns grade
- Good linearity and high accuracy
- Protection grade IP68 for water proof, both indoor and outdoor application

Standard delivery includes:

- HFCT B sensor, with IP67 connection
- 2.5-meter coaxial cable, BNC IP67 to standard BNC
- Factory test certificate

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