

CC5B/V Capacitive voltage divider



- Suitable for a broad range of high voltage assets
- Can be used for the high voltage side and neutral coupling as well as for off-line tests
- Maintenance-free operation
- Easy installation

DESCRIPTION

When performing voltage measurements on high voltage assets, the measured voltage is in a range that is too high for conventional measuring and processing equipment. Power Diagnostix's capacitive voltage divider CC5B/V is designed to divide the voltage with a fixed ratio in order to make it measurable for a standard measurement device. Temporarily installed, it is suitable for testing applications on high voltage assets up to 5 kV AC, such as rotating machines and transformers. It's design meets highest standards to provide high quality measurement results for reliable voltage measurements.

FEATURES

- PD-free design
- Internal overvoltage protection
- Built-in quadrupole for PD and synchronisation voltage signal
- Built-in voltage divider
- Sturdy cast aluminium enclosure

APPLICATION RANGE

Power Diagnostix's voltage divider is versatile in use and suitable for off-line and temporary on-line measurements, e.g. on:

- Generators and motors
- Instrument transformers
- Distribution transformers

TECHNICAL DATA

Capacitance:	2 nF (± 10 %)
Rated voltage:	5 kV AC
PD level:	<2 pC (<10 kV AC)
Temperature range:	-20 °C to +75 °C
Weight:	Approx. 3.3 kg
Divider ratio:	1:50
Overall size:	255 x 150 x 187 mm ³ (H x W x L)
HV connection:	Via M8 screw
GND connection:	Via M8 screw
PD and sync. output:	BNC

ORDERING INFORMATION

Product	Order no.
Capacitive voltage divider CC5B/V	PX13147

SALES OFFICE

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ISO 17025, ISO 45001