

IP4B

Capacitive coupling clamp

IEC / EN 61000-4-4

- Disturbance / Burst tests according to IEC / EN 61000-4-4
- Coupling capacitance typ 100 pF – 1000 pF
- Practical carrying handle on the back



Connection for HV cable



Practical carrying handle on the back

HV connection on both sides !



Overview

The IP4B capacitive coupling clamp is primarily used to inject fast transient and burst interference pulses into signal and data cables, i.e. into any type of connection to peripheral equipment. The IEC standard 61000-4-4 Ed. 3 also allows the capacitive coupling method to be used for pulse injection into

AC and DC power lines when no appropriate decoupling network is available. The coupling capacitance (typically 100pF) between the coupling clamp and the cable inserted depends on the cable type, the diameter and other factors like screening, etc.

Technical data

IP4B

Diameter for cable	4 - 40 mm
HV connectors	on both sides (type: Fischer)
Distance between coupling plate and ground plate	10 cm
Active coupling length	1 m

Dimension (L x W x H)	100 cm x 14 cm x 14 cm
Insulation test voltage	5 kV (1,2/50 μs)
Coupling capacitance	typ. 100 pF – 1000 pF
Weight	app. 6 kg

Accessories included

HV cable, 1 m length, calibration certificate

Accessories

SFT 415-CS	calibration set
SFT 450-1 /-2 / -Set	50 Ω / 1000 Ω / - Set (50/1000 Ω) attenuator

All information regarding appearance and technical data correspond to the current state of development at the time of release of this data sheet. We reserve the right to make technical changes. 182404

