



montena

PCI - Couplers and Decoupling Boxes



The capacitive couplers are intended for the injection of pulsed current (PCI) on signal or mains supply cables according to the HEMP / NEMP standard MIL-STD-188-125-1/2. They are compatible with the PCI short pulse generators EMP80K-5-500 and EMP300K-5-500. The different versions are adapted to the signal or to the mains supply connexions. They can be connected to a decoupling box in order to protect the auxiliary equipment. The cabinet is particularly rugged and safe to use. They are specially designed to exhibit a very high insulation to ground. Other custom-build versions can be proposed on request.

SPECIFICATIONS

Reference	CCS3	DS3	CCL3	DL3
Type of signal	signal	signal	mains supply	mains supply
Type	coupler	decoupling box	coupler	decoupling box
Nominal voltage (DC - 400 Hz)	230 V	230 V	230 V	230 V
Nominal current (DC - 400 Hz)	60 A	10 A	60 A	60 A
Number of lines	4	4	2	2
Max pulse voltage (500 ns)	> 80 kV	> 80 kV	> 80 kV	> 80 kV
Max DC voltage	> 35 kV _{dc}	-	> 35 kV _{dc}	-
Maximum peak current	> 5 kA	> 5 kA	> 5 kA	> 5 kA
Signal cut-off frequency	-	3 kHz (- 3 dB)	-	3 kHz (- 3 dB)
Connector	connecting bars	connecting bars	connecting bars	connecting bars
Weight	14 kg	17 kg	8.6 kg	14.5 kg
Dimensions (L x H x W)	70 x 24.5 x 42 cm	56 x 24.5 x 50 cm	60 x 24.5 x 42 cm	56 x 24.5 x 50 cm

Other models are available on request