



**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 <sub>dc</sub> | -                 | > 35 kV <sub>dc</sub> | -                 |
| 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*