



# PCI - Connecting Box



This connecting box can be used 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. It is compatible with the PCI short pulse generators EMP80K-5-500 and EMP300K-5-500 and can also be used with other test equipment like the intermediate pulse generator IPP3K-4MS. 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

Type	SCL4
Nominal voltage (50 / 60 / 400 Hz / DC)	$\geq 230 / 400$ V
Nominal current (50 / 60 / 400 Hz / DC)	$\geq 60$ A
Number of lines	4
Max pulse voltage (500 ns)	$> 100$ kV
Max DC voltage	tested up to $35$ kV <sub>dc</sub>
Maximum peak current	$\geq 5$ kA
Connector for signal / power	connecting bars
Connector for pulse input	Multicontact (safety: touch protected in the unmated condition)
Weight	8.4 kg
Dimensions (L x H x W)	70 x 24.5 x 42 cm

*Other models are available on request*