

# COUPLING NETWORK

## CDN 5-80

The Coupling Network CDN 5-80 allows simultaneous superimposition of surge impulse voltages with wave form 10/700  $\mu$ s to up to 20 of 80 ISDN-Ports available. The Coupling Network essentially consists of a coupling impedance, a relay coupling matrix and a control- and monitoring unit.

The plug-in coupling impedance board can be fitted with user specific coupling impedances, such as capacitors, varistors, transil diodes etc. The desired coupling path is set by remote control signals which are transferred from a PC by use of an optically isolated interface. The selected coupling path is displayed on the front panel.

### Technical specification:

### CDN 5-80

Nominal operating voltage	100 V=
Nominal current	2.0 A
max. test voltage	5.5 kV, 10/700 $\mu$ s
High-voltage input	4 mm $\varnothing$ sockets
Coupling impedance, replaceable	0.5 $\mu$ F + 25 $\Omega$
Number of output ports	80
Number of ports switched-on at the same time	20
Output connectors	4 mm $\varnothing$ sockets
Diagnostic input for monitoring of the test device	4 channels, optically isolated
Mains power supply	230 V / 50-60 Hz
Dimensions: desk top case W * H * D	554*337*600 mm <sup>3</sup>
Weight	36kg

