



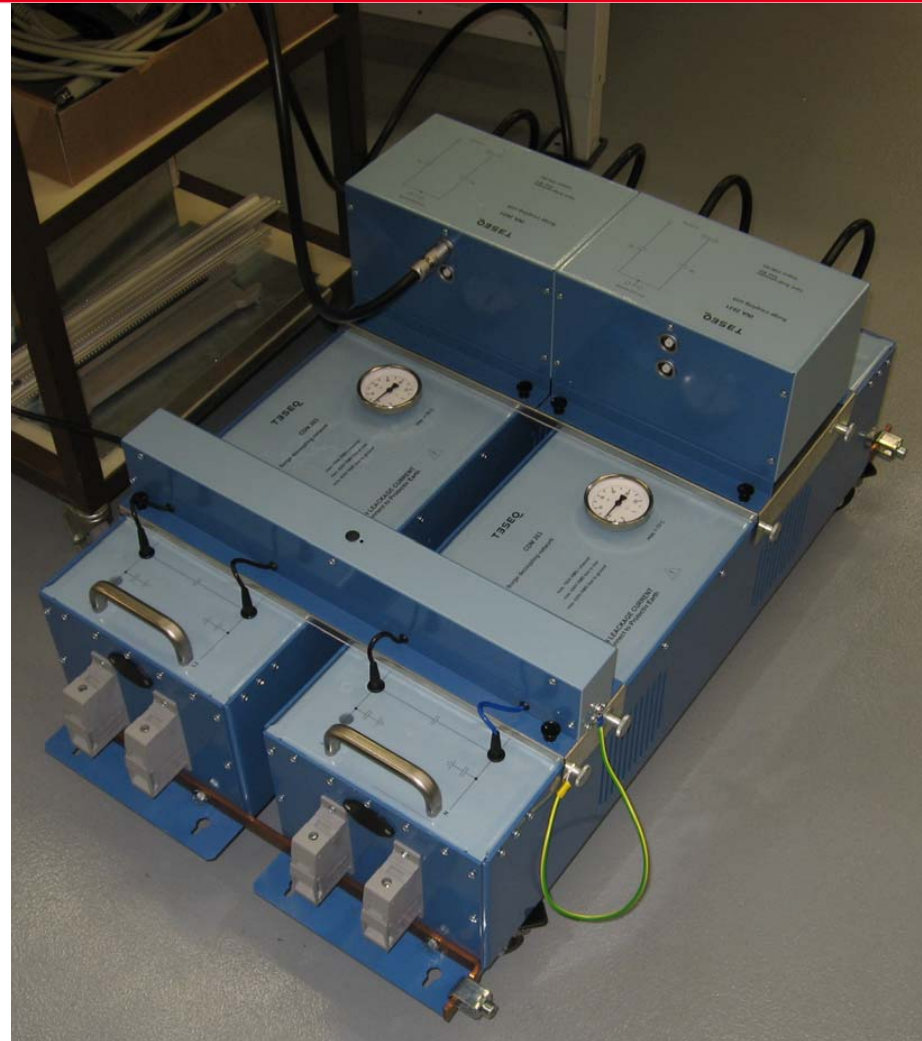
Advanced Test Equipment Rentals
www.atecorp.com 800-404-ATEC (2832)

CDN 3083 Manual 3phase coupler

TESEO

Advanced Test Solutions for EMC

- For EUT power supplies up to 620V
- 100A/150A per phase with generous overload capacity
- Complies with IEC/EN 61000-4-5 and ANSI C62.45
- Easy upgradeable from IEC to ANSI coupling

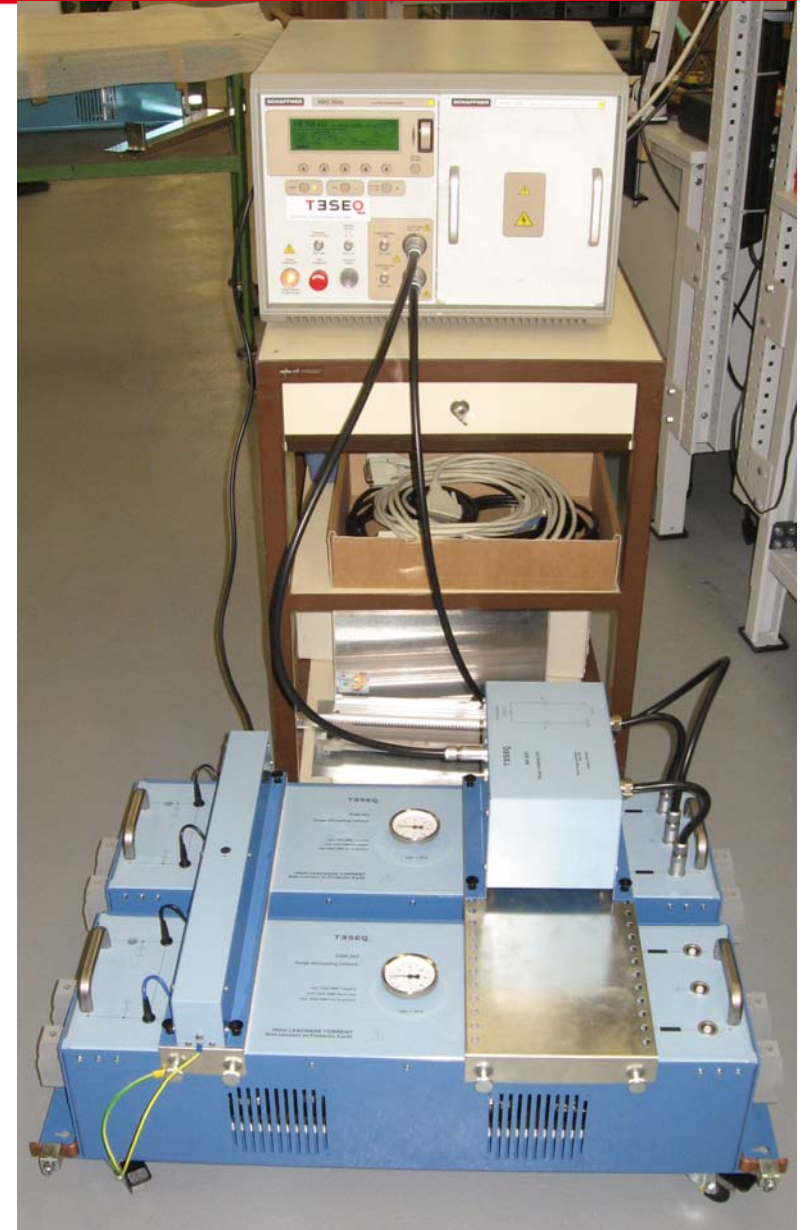


CDN 3083 Manual 3phase coupler

T3EQ

Advanced Test Solutions for EMC

- High current couplers often have to be taken to a test site, so the CDN 3083 can be disassembled in handy parts and can easily move to other places
- Optional wheels with braking features can be added
- It can be placed on the wall for having extra space in a test environment

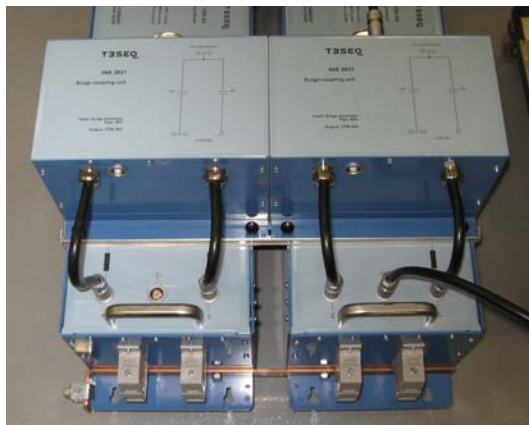


CDN 3083 Coupling mode

- IEC Line to ground coupling trough $9\mu\text{F}$



- IEC Line to line coupling trough $18\mu\text{F}$



- ANSI coupling trough $9\mu\text{F}$

CDN 3083 usable for lower current

In order to keep voltage losses within reasonable limits with increasing current levels, the IEC has defined three classes of filter inductances, namely: up to 20A, 20A to 60A and 60A to 100A

- Through the use of auto-adaptive back filter technology, TESEQ has managed to avoid the complicated disadvantage of using several couplers
- Upgrade possibility with automatic coupling unit **4Q 07**

CDN 3083 technical specs.

TESEO

Advanced Test Solutions for EMC

- Pulse V/A 8kV/4kA max.
- EUT power supply Phase-to-phase or phase-to-PE 620Vac
- Phase-to-phase 100/150A nom. continuous current/phase
620Vdc, 0 - 60 Hz, (max. 400Hz)
- EUT connectors Screw-terminals, 200A, up to 95mm²
- Decoupling As per IEC 61000-4-5 and ANSI C62.45
- Coupling modes Surge Differential, Common to PE, Lines to PE
- Dimensions 850 x 520 x 345 (L x D x H)
- Weight 75kg approx.
- Option Wheel set, Calibration kit, Automatic coupling

Ordering information

- CDN 3083 with LEMO connectors for NSG 2050
- CDN 3083-M with Fischer connectors for Modula
- INA 2631 Upgrade for ANSI C62.45