

## ECOUPLER 4

Three-Phase Coupling / Decoupling Network for ECOMPACT 4

■ **The new ECOUPLER 4** combines the best of all worlds: **Performance, flexibility, economy** and the famous Haefely quality and reliability.

The ECOUPLER 4 is an **ultra-compact** coupling and decoupling network for burst and surge coupling onto three-phase power lines. ECOUPLER 4 can be controlled manually from its front panel or automatically from the PC, using the EMV-Check software enclosed with the ECOMPACT 4. The ECOUPLER 4 is very simple to use, and therefore even first time of infrequent users may operate the unit quickly and easily. The ECOUPLER 4 conforms to the recent editions of the relevant IEC and EN basic standards for surge and burst testing.



### ■ Features

- Two** different test impulses
- Combination wave** 1.2/50us - 8/20us up to 4.2kV
- Burst** 5/50ns up to 4.2kV

### ■ Benefits

- Multi-purpose** - Two basic immunity tests combined in a single economical package for maximum flexibility.
- Quick and Simple** - One touch operation and simple automation of test routines streamlines the test procedure.
- Test Reporting** - Included Windows software automatically documents test parameters and results.

### ■ Application

Full compliance and Pre-Compliance testing to a wide variety of transient immunity standards:

- IEC 61000-4-4 Edition 1 & Edition 2
- IEC 61000-4-5 Edition 1 & Edition 2

### ■ Technical Specifications

Control Power	100/115/230V 50/60Hz, 50VA
EUT Mains voltage	max. 440V rms phase to phase, 250V DC
EUT Current per phase	16A continuous 25A short time
Dimensions (W x H x D)	48 x 18 x 44 cm
Weight	approx. 27kg

Coupling Capacitors	5 x 33nF
Burst	
Coupling modes	Single path testing
Burst	Common mode testing
Coupling elements for Surge	18uF differential mode 9uF + 10 Ohm common mode
Coupling modes for Surge	all combinations as required by IEC 61000-4-5
Decoupling inductors	1.5mH

### ■ Ordering Information

ECOUPLER 4 Art. No. 249101

Including user manual and all cables required

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