

# PCD 430

3 Phase COUPLING / DECOUPLING  
NETWORK FOR PSURGE 8000  
PLATFORM<sup>®</sup>



PCD430 Coupling / Decoupling Network shown in table-top version

## STANDARDS

**UL 1449** Transient Voltage Surge Suppressors

**ANSI C62.41/45** Recommended practice on Surge voltages in low-voltage AC power circuits

**FCC part 68** Connection of terminal equipment to the telephone network

And many more product specific standards.

**EMC**

[www.haefelyemc.com](http://www.haefelyemc.com)

# PCD 430

3 Phase COUPLING / DECOUPLING  
NETWORK FOR PSURGE 8000  
PLATFORM<sup>®</sup>

## TECHNICAL SPECIFICATION PCD 430

Max. Impulse Voltage	8kV (1.2/50us)	Phase Sync	Follows coupling Path
Maximum AC Voltage	690V (phase – phase)	Phase sync. accuracy	±1°
Maximum DC Voltage	110V	Coupling elements	Automatic selection
Maximum AC Current	32A	Power supply	85 – 264V 50/60Hz
Maximum DC Current	32A	Fault Current	>200A
EUT Output	4mm HV safety connector	Weight	69 kg
EUT Input	4mm safety connectors	Size	19" / 10 units

### COMPLEMENTARY PRODUCT LINES

PCD 430 can be used together with other modules of the Surge Platform to form a test system utilising the Single Connect concept.  
**UL 1449**

■ **PIM 400**

1.2/50us combination Wave up to 7.4kV(2 Ohm)

■ **PIM 410**

1.2/50us combination Wave up to 7.4kV(12 Ohm)

■ **PIM 110**

100kHz Ring Wave up to 7.8kV(12, 30 & 200 ohms)

**ANSI C62.41/45**

■ **PIM 100**

1.2/50us combination Wave up to 7.4kV(3.7kA)

■ **PIM 110**

100kHz Ring Wave up to 7.8kV(12, 30 & 200 ohms)



UL 1449 system comprising PCD 430, PIM 400, PIM 410 and PIM 110 shown in table top configuration

### OPTIONAL EQUIPMENT

■ **Single Phase Extension**

PCD 430 can be quickly and easily adapted for single-phase operation. PCD 430 is automatically configured for single-phase operation when selected from the PSURGE 8000 front panel or WinFEAT&R software.

■ **Rack mounting Kit**

PCD 430 can be adapted for mounting in any standard 19-inch rack.

### ORDERING INFORMATION

PCD 430	249 964
PIM 400	249 946
PIM 410	249 947
PIM 100	249 902
PIM 110	249 903
Single phase input adapter	249 978
Single phase output adapter	249 979
Rack mounting	074847 & 074848
PSURGE 8000 Controller	249 900
WinFEAT&R software	249 970

**HAEFELY** EMC  
TECHNOLOGY

**Haefely Test AG**

**Business Unit EMC**

Lehenmattstrasse 353

CH-4028 Basel

Switzerland

Phone: ++ 41 61 373 41 11

Fax: ++ 41 61 373 45 99

email EMCsales@haefely.com