



## Current Wave Coupling/Decoupling Network

### CPN 2216S

- EN/IEC 61643-11
- GB/T 18802.11

#### Features

- > Max. EUT rating is AC 220 V, DC 220 V, 16 A
- > Complies with EN/IEC 61643-11, GB/T 18802.11 standards
- > Maximum coupled pulse current is 6 kA
- > Fully-automatic coupling mode

#### Introduction

The CPN 2216S is a current wave coupling/decoupling network developed in compliance with IEC 61643-11 and GB/T 18802.11.

It works with S6 series generators for 8/20  $\mu$ s current waveform tests. The maximum coupled pulse current reaches 6 kA. Maximum EUT load capacity: single-phase AC 220 V 16 A, DC 220 V 16 A. The unit features simple, fast operation and high reliability.

#### Application Areas



Component

## Technical Parameters

|                                  |                                                                                                                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Single-Phase Fully-Automatic CDN | Complies with EN/IEC 61643-11, GB/T 18802.11<br>Coupled pulse current test<br>Current up to 6 kA (8/20 $\mu$ s)<br>Note: The actual pulse voltage output from the CDN depends on the setting value of the pulse generator. |
| Output Current                   | Up to 6 kA (8/20 $\mu$ s)                                                                                                                                                                                                  |
| Coupling Network Ports           | L1, N, PE                                                                                                                                                                                                                  |
| Coupling Path                    | Arbitrary combination of L1,N, lines                                                                                                                                                                                       |
| Coupling Switching Mode          | Automatic switching                                                                                                                                                                                                        |
| EUT Load Capacity                | Max AC 220 V (L1, N, PE, 16 A)<br>Max DC 220 V 16 A                                                                                                                                                                        |

## General Parameters

|                        |                                                    |
|------------------------|----------------------------------------------------|
| Working Power          | AC 110V/220 V, $\pm 10\%$ , 50/60 Hz ( $\pm 5\%$ ) |
| Fuse                   | 6 A                                                |
| Max. Power Consumption | 200 W                                              |
| External Control Mode  | 25-pin parallel cable                              |
| Grounding Method       | Flat grounding wire                                |
| Dimension              | 6 U rack                                           |
| Weight                 | Approx. 26.5 kg                                    |
| Atmospheric Pressure   | 86 kPa ~ 106 kPa                                   |
| Ambient Temperature    | 15°C ~ 35°C                                        |
| Relative Humidity      | 45% ~ 75%                                          |

## Standard Accessories

Power Cord, User Manual, Test Cables, Grounding Wire, 25-core Data Cable

## Optional Accessories

|   |                           |                                                                                              |                                                                                       |
|---|---------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 1 | Impulse Current Simulator | Model: S6C600N<br>Output 8/20 $\mu$ s impulse current waveform, maximum output current: 6 kA |  |
|---|---------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|

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