



Current Wave Coupling/Decoupling Network

CPN 3832T10

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

Features

- > Max. EUT rating is AC 380 V, DC 380 V, 32 A
- > Complies with EN/IEC 61643-11, GB/T 18802.11 standards
- > Maximum coupled pulse current is 10 kA
- > Fully-automatic coupling mode

Introduction

The CPN 3832T10 is a current wave coupling/decoupling network developed in compliance with IEC 61643-11 and GB/T 18802.11.

It works with S6C1000 generators for 8/20 μ s current waveform tests. The maximum coupled pulse current reaches 10 kA. Maximum EUT load capacity is AC 380 V 32 A, DC 380 V 32 A (three-phase, five-wire) . The unit features simple, fast operation and high reliability.

Application Areas



Component

Technical Parameters

Three-Phase Fully-Automatic CDN	Complies with EN/IEC 61643-11, GB/T 18802.11 Coupled pulse current test Current up to 10 kA (8/20 μ s) Note: The actual pulse voltage output from the CDN depends on the setting value of the pulse generator.
Output Current	Up to 10 kA (8/20 μ s)
Coupling Network Ports	L1, L2, L3, N, PE
Coupling Path	Arbitrary combination of L1, L2, L3, N lines
Coupling Switching Mode	Automatic switching
Coupling Device	Direct coupling
EUT Load Capacity	Max AC 380 V (Lx ~ Lx), 32 A Max DC 380 V 32 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. 47 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: S6C1000 Output 8/20 μ s impulse current waveform, maximum output current: 10 kA	
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