



# High Voltage And High Power Impulse Current Coupling/Decoupling Network

## CPN 38100T30

- IEC 61643-11
- GB/T 18802.11

### Features

- > EUT Maximum load capacity AC/DC 380 100A;
- > The coupled pulse current is up to 30kA;
- > Easy to operate, automatic coupling mode;
- > Ethernet LAN communication, stable and reliable.

### Introduction

CPN 38100T30 High voltage and high power impulse current coupling/decoupling network, coupled with host S15C3000 for 8/20 $\mu$ s current waveform test, coupled pulse current up to 30 kA. EUT maximum load capacity AC 380V 100A Three-phase five-wire, DC 380V 100A, the equipment is simple and fast operation, high reliability.

### Application Areas



## Technical Parameters

Three-phase Fully Automatic Coupling/Decoupling Network	Accord with EN/IEC 61643-11、GB/T 18802.11 Coupled pulse current wave test Current up to 30kA (8/20 $\mu$ s) Note: The actual output pulse voltage value of the coupling/decoupling network depends on the set value of the pulse generator
Current Output	1.5KA ~ 30KA ( $\pm$ 10%) Note: 1.5KA depends on the breakdown voltage of the gas discharge tube
Coupled Network Port	L1 (DC+) 、 L2、 L3、 N (DC-) 、 PE
Coupling Path	L1 (DC+) 、 L2、 L3、 N (DC-) 、 PE Line Any combination path
Coupled Switching Mode	Automatic switching
Coupled Apparatus	Gas discharge tube coupling
EUT Carrying Capacity	Max AC 380V 100A Max DC 380V 100A

## Standard Accessories

Display Screen	5.7-inch TFT touch screen
Operating Power Supply Range	AC220V, ( $\pm$ 10%), 50Hz/60Hz
Fuse	10 A
Maximum System Power Consumption	1500 W
Communication Mode	Ethernet LAN
External Control Mode	25-pin parallel mouth thread
Instrument Grounding Connection	Use flat ground wires
Dimensions	22U*2
Weight	Approx 410kg
Environment Temperature	15°C - 35°C
Relative Humidity	86 kPa - 106 kPa
Barometric Pressure	45% - 75%

## Optional Selection

Test wire, fuse, power cord, ground wire, factory report, manual.

## Standard Equipment

The CPN 38100T30 should be used with the impulse current simulator S15C3000.

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