

## High Power Lightning surge coupling decoupling network

### SPN 38200TM



#### In Compliance with

- > EN/IEC 61000-4-5
- > GB/T 17626.5

#### Introduction

Manual coupling/decoupling network SPN 38200TM, It can form an electromagnetic compatibility test system with CCS series and CWS series instruments. According to the needs of customers, it can be compatible with other brands of EMC test instruments. This equipment is specially used for field test of large equipment.

#### Features

- > EUT MAX load capacity: AC 380 V;
- > Maximum current can reach 200 A;
- > Built-in thermometer;
- > As per EN/IEC 61000-4-5;
- > Used for field test of large equipment;
- > Compatible with other brands of EMC test instruments

#### Application Areas

- > Communication
- > Information technology
- > Telecom
- > Medical
- > Radio and TV
- > Railway
- > Military
- > Aviation
- > New energy power

Parameters	
Test voltage	MAX 8 kV(1.2/50 $\mu$ s) Note: The actual output lightning surge voltage value depends on the set value of surge generator
Test current	MAX 4 kA(8/20 $\mu$ s)
phase synchronization	L1、 L2、 L3、 N、 PE, Phase angle superposition of arbitrary lines
Coupling path	L1、 L2、 L3、 N、 PE, any path combination
Coupling switching mode	Manual
Coupling capacitance	9 $\mu$ F, 18 $\mu$ F
Coupling resistance	10 ohm, 0 ohm Coupling resistance according IEC 61000-4-5 or Users customize
EUT load capacity	MAX AC 380 V 200 A
Residual pulse voltage at the injection of EUT	Less than 15% of test pulse voltage or 2 times rated voltage of CDN
Grounding mode	Flat grounding wire
Weight	Approx.150 kg
Ambient Temperature	15 $^{\circ}$ C ~ 35 $^{\circ}$ C
Relative Humidity	35% ~ 85%RH(Non-condensation)
Atmospheric Pressure	75 kPa ~ 106 kPa

Standard Accessories	
User manual, Fuse, power cord, Test wire, Factory report, Grounding wire	



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