

Coupling Transformer

TPT-7637-4C1000C



Features

- ISO 7637-4
- ISO 21498-2
- MES PW 67602
- > High load current;
- > Large power capacity;
- > Wide frequency range;
- > 22U cabinet design for convenient transportation.

Introduction

The TPT-7637-4C1000C coupling transformer is a broadband coupling transformer designed for the anti-interference testing needs of standards such as ISO 21498-2:2021 and ISO 7637-4:2020. It can transmit time-harmonic signals (sine) or pulse signals to the tested equipment (EUT) through magnetic coupling, and has the characteristics of waveform distortion free, large power capacity, and physical isolation from EUT

Application Areas



Technical Parameters

Frequency Range	300 Hz-150 kHz
Maximum Coupling Voltage	160 Vpp (open circuit, 1:1)
Maximum Coupling Current	240 App (short circuit, 4:1)
Turn Ratio	1:1 and 2:1 and 4:1
Maximum EUT Current/Voltage*	600 A DC/1000 V DC@Max 20 min; 1000 A DC/1000 V DC@Max 10 min
Size	800 mm (width) * 1150 mm (height) * 1405 mm (depth)
Weight	570 kg
Temperature Range	15°C~35°C
Humidity Range	45% ~ 75%
Pressure Range	86 kPa ~ 106 kPa
*The maximum working time of the coupling transformer is limited by the maximum EUT current. It is recommended that when using 600 A DC/1000 V DC, the working time should not exceed 20 minutes; When using 1000 A DC/1000 V DC, the working time should not exceed 10 minutes.	

Standard Accessories

Input Line, High-Voltage Output Line, Power Line, Grounding Wire, Factory Report, Instruction Manual

SUZHOU3CTEST ELECTRONIC CO., LTD

Address: No. 99 E'meishan Road, SND, Suzhou, Jiangsu Province, China
 Sales Email: globalsales@3ctest.cn Service Email: service@3ctest.cn
 Tel: + 86 - 512 - 68077192 Web: www.3c-test.com

