

Magnetic Field Coil

TCXS 25151



- IEC/EN 61000-4-8
- GB/T 17626.8

Features

- > 360° adjustable magnetic field direction during testing
- > Stable output magnetic field strength
- > Aluminum profile support structure

Introduction

The TCXS 25151 Magnetic Field Coil complies with the relevant requirements of IEC 61000-4-8 and GB/T 17626.8. It is designed according to the characteristics and requirements of magnetic field immunity tests for electrical and electronic products.

The TCXS 25151 provides an accurate reference for EUT during power frequency magnetic field immunity testing. Combined with the power frequency magnetic field generator MFS 400, the coil can simulate magnetic field environments in residential areas, commercial areas, industrial enterprises, power plants, and medium/high-voltage substations.

Application Areas



**Technical
Parameters**

Magnetic Field Strength	1 A/m ~ 50 A/m, 1.26 μ T ~ 63 μ T
Magnetic Field Direction	90°/180°
Test Duration	$\leq$ 50 A/m continuous operation for 8 h
Coil Dimension	2,500*1,500 mm
Overall Dimension	3,360 (L)*810 (W)*1,700 (H) mm
Package Dimension	3,500 (L)*1,000 (W)*2,000 (H) mm
Ambient Temperature	15°C ~ 35°C
Weight	Approx. 35 kg

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