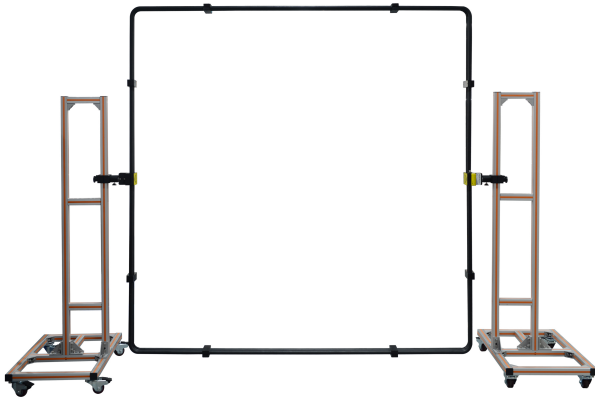


Power Frequency Magnetic Field Coil

TCXS223

Datasheet



In Compliance with

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

Introduction

The Power frequency magnetic field coil TCXS223 is specially designed according to the characteristics and requirement of magnetic field immunity tests conducted on electrical and electronic products. It totally meets the requirement of IEC 61000-4-8, GB/T 17626.8, GB/T 17215:2002 and GB/T 15283: 1994. The power frequency magnetic field test is used to simulate the magnetic field environment of household, commercial, industrial, power plant, and medium or high voltage substation.

Features

- > Magnetic field direction can be rotated 360° during test;
- > Stable magnetic field strength output;
- > Aluminum profile bracket structure design;

Application Areas

- > Communication
- > Information Technology
- > Telecom
- > Military
- > Medical
- > Aviation
- > Broadcast
- > New Energy Power
- > Railway
- > New Energy Automotive

Technical Parameters	
Magnetic Field Strength	1 A/m ~ 300 A/m
	1.26 μ T ~ 378 μ T
Magnetic Field Direction	90°/180°
Test Time	\leq 100 A/m: continuous for 8 h
	> 100 A/m: less than 10 s
Coil Dimension	2000 mm (L) \times 2000 mm (W) , 3-turn
Ambient Temperature	15 °C ~ 35 °C
Package Dimension	2440 mm (L) \times 310 mm (W) \times 2140 mm (H)
Weight	Approx. 45 kg



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