

HV High-Power CDN for EFT/Burst Immunity Tests EFTN 69100TM

Datasheet



In Compliance with

- > IEC/EN 61000-4-4
- > GB/T 17626.4

Introduction

The EFTN 69100TM three-phase manual coupling/decoupling network is designed according to IEC/EN 61000-4-4. It can couple EFT/Burst wave pulses onto three-phase mains supply system with voltage AC 690 V and current 100 A and is your ideal choice with high reliability, stable performance and convenience of use.

Features

- > EUT max. voltage AC 690 V, max. current 100 A;
- > Built-in thermometer;
- > Portable for field testing;
- > Superior price performance;

Application Areas

- > Communication
- > Telecom
- > Medical
- > TV Broadcasting
- > Railway
- > IT
- > Military
- > Avionics
- > New energy electrical power

Technical Parameters	
EUT Power Voltage	AC 690 V, line-to-line, line-to-ground
EUT Current (AC or DC)	Max. 100 A (Continuous)
EFT/Burst Peak Voltage	Max. 4.2 kV
Coupling Paths	Any combination of L1, L2, L3, N, PE
Switching of Coupling Paths	Manual
Coupling Capacitance	33 nF
Coupling Attenuation	< 2 dB
Residual Impulse Voltage at EUT Injection End	Less than 10% of test voltage;
EFT/Burst Injection Port	Via BNC (female);
EUT/Burst Injection Method	Single line or multiple lines
Temp. Monitoring	Double metal thermometers (0 °C - 150 °C)
Grounding Method	Via 4 mm banana plug

General Parameters	
Weight	Approx. 15 kg
Ambient Temperature	15 °C ~ 35 °C
Relative Humidity	35% ~ 85% RH (no condensation)
Atmospheric Pressure	75 kPa ~ 106 kPa

Accessories
Test line, Ground line, Coaxial cable, User manual



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