

EFT/Burst Coupling/Decoupling Network

EFTN 48100TM



In Compliance with

- > IEC/EN 61000-4-4
- > GB/T 17626.4
- > IEC 61000-6-1
- > IEC 61000-6-2

Introduction

EFTN 48100TM Manual three-phase coupling/decoupling network is meeting IEC 61000-4-4 requirements, and has the characteristics of good reliability, stable performance and convenient use. Maximum EUT load capacity: AC 480 V, 100 A.

Features

- > EUT supply can reach MAX AC 480 V;
- > Maximum current can reach 100 A;
- > Maximum pulse voltage can reach 4 kV;
- > Manually select the coupling decoupling path;

Application Areas

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

Technical Parameters	
EUT supply voltage	MAX 480 VDC
EUT current	MAX 100 A
Burst voltage	MAX 4 kV
Coupling path	L1, L2, L3, N, PE any line coupling
Coupling switching mode	Manual
Coupling capacity	33nF
Residual pulse voltage at the injection of EUT	Less than 10% of test pulse voltage
Grounding mode	4mm banana line
Burst INPUT port	Coaxial cable
EFT INPUT mode	Single or multi-line simultaneous injection

General Parameters	
Cabinet size	4 U 450×192×610 mm
Weight	Approx.35 kg
Ambient Temperature	15 °C ~ 35 °C
Relative Humidity	45% ~ 75%
Atmospheric Pressure	86 kPa ~ 106 kPa

Standard Accessories
User manual, Fuse, Three-core power cord, Test wire, Coaxial cable, Ground wire

Optional Accessories
TFB 500: input impedance 50 Ω, output impedance 50 Ω, attenuation 500:1 ;
TFB 1000: input impedance 1000 Ω, output impedance 50 Ω, attenuation 1000:1 ;
Coaxial adapter: BNC-FFM
High voltage RF connector : SHV-BNC-JJ



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