



EFT/Burst Coupling/Decoupling Network **EFTN 48100TM**

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

Features

- > Max. EUT supply voltage 480 V AC
- > Supply current capability up to 100 A
- > Max. pulse voltage 4 kV
- > Manual selection coupling/decoupling path

Introduction

The EFTN 48100TM EFT/Burst Coupling/Decoupling Network is a manual CDN compliant with IEC 61000-4-4 requirements. It offers high reliability, stable performance, and easy operation, with a maximum load capacity of 480 V DC and 100 A.

Application Areas



Technical Parameters

EUT Supply Voltage	480 V DC
EUT Current	Max. 100 A cont.
EFT/Burst Peak Voltage	Max. 4 kV
Coupling Path	Any coupling combination of L1, L2, L3, N and PE
Coupling Switching Mode	Manual Switching
Coupling Capacitor	33 nF
Residual Pulse Voltage at EUT Injection Port	≤ 10% of the applied test pulse voltage
Grounding Method	Grounding wire
EFT Injection Port	Coaxial cable
EFT Injection Method	Single-line or multi-line simultaneous injection

General Parameters

Dimension	4U rack, 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

Test Cable, EUT Power Injection Cable, Grounding Wire, Coaxial Cable, User Manual

Optional Accessories

1	EFT/Burst Calibration Kit	Model: EFT-CA-KIT(SHV) TFB 500(SHV): Impedance 50 Ω, 500:1 TFB 1000(SHV): Impedance 1,000 Ω, 1,000:1	
2	Coaxial Adaptor	Model: BNC-FFM Calibration adaptor	
3	HV RF Connector	Model: SHV-BNC-JJ	

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