



# HV High Power EFT/Burst Coupling/Decoupling Network

## EFTN 69100TM

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

### Features

- > Max. EUT supply voltage 690 V AC
- > Supply current capability up to 100 A
- > Built-in thermometer
- > Compliant with IEC/EN 61000-4-4
- > Compact and lightweight design, ideal for on-site testing
- > Cost-effective solution

### Introduction

The EFTN 69100TM HV High Power EFT/Burst Coupling/Decoupling Network is a manual three-phase CDN compliant with IEC 61000-4-4. It offers reliable operation, stable performance, and easy handling, with a maximum EUT load capacity of AC 690 V, 100 A.

### Application Areas



## Technical Parameters

|                                              |                                                   |
|----------------------------------------------|---------------------------------------------------|
| EUT Supply Voltage                           | 690 V AC, line-to-line, line-to-ground            |
| EUT Current (AC or DC)                       | Max. 100 A cont.                                  |
| EFT/Burst Peak Voltage                       | Max. 4.2 kV                                       |
| Coupling Path                                | Any coupling combination of L1, L2, L3, N, and PE |
| Coupling Switching Mode                      | Manual Switching                                  |
| Coupling Capacitor                           | 33 nF                                             |
| Coupling Attenuation                         | < 2 dB                                            |
| Residual Pulse Voltage at EUT Injection Port | ≤ 10% of the applied test pulse voltage           |
| Temperature Monitoring                       | Bimetallic thermometer, 0 °C to +150 °C           |
| Grounding Connection                         | 4 mm banana plug                                  |
| EUT Power Voltage Injection                  | Banana plug cable                                 |
| EFT Injection Port                           | BNC female connector                              |
| EFT Injection Method                         | Single-line or multi-line simultaneous injection  |

## 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               |

## Standard Accessories

|                                                        |
|--------------------------------------------------------|
| Test Cable, Grounding Wire, Coaxial Cable, User Manual |
|--------------------------------------------------------|

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