

# High Voltage and Power EFT/Burst Coupling/Decoupling Network

## EFTN 70400T



### In Compliance with

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

### Introduction

EFTN 70400T high voltage and power, fully automatic 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 700 V, 400 A and DC 1500 V, 400 A. Other EUT voltage and current levels can be customized according to customer requirements.

### Features

- > EUT supply can reach MAX AC 700 V, DC 1500 V;
- > Maximum current can reach 400 A;
- > Maximum pulse voltage can reach 6 kV;
- > Automatic coupling/ decoupling network;

### Application Areas

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

Technical Parameters	
EUT supply voltage	MAX 700 VAC 50/60 Hz; MAX 1500 VDC
EUT current	MAX 400 A
Burst voltage	MAX 6 kV
Coupling path	L1(DC+), L2, L3, N(DC-), PE any line coupling
Coupling switching mode	Automatic
Coupling capacity	33nF
Phase	L1, L2, L3, N, PE, Arbitrary path superposition phase angle
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	800×1200×1450 mm
Weight	Approx.150 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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