

Compliance Standards

- IEC61000-4-4
- GB/T17626.4
- EN61000-4-4

ES-435B Three Phase Burst Generator

Compliance with Electrical fast transient/burst immunity test

Functional Features

- Utilizes state-of-the-art electronic switching technology to produce smooth, glitch-free waveforms
- Maximum pulse output voltage: 5 kV
- Supports touchscreen and host computer operation
- Supports voltage step mode
- Built-in three-phase, five-wire coupling and decoupling network for power cables
- Multiple control interfaces, supporting RS-485 and Ethernet programming

Technical Parameter

Electrical fast transient/burst immunity test Specifications	
EUT Power Capacity	AC：0~380V/32A　DC：0~300V/32A
Pulse Voltage	0.2kV~5kV
Pulse Voltag Resolution	1V
Output Voltage Polarity	Positive, Negative, PositivethenNegative, NegativethenPositive
Impedance	50Ω
Frequency Range	0.1kHz~1000kHz, Standard frequency 5kHz, 100kHz
Stepped Voltage	Support 0.1kV ~2 kV voltage step mode
Stepped Frequency	Support 1 Hz frequency step mode
Frequency Resolution	1 Hz
Pulse Front	5ns
Pulse Width (50Ω)	50ns
Pulse Width (1kΩ)	35ns~150ns
Number of Pulses per Burst	1~500
Burst Cycles	15ms-60s
IEC Standard	Builtin;enabling testing in accordance with the requirements of those standards
Pulse Count	1~99999times
CDN	Three phase five-wire (built-in) / DC (compatible)
General Specifications	
Operating System	Android
Display	10.1-inch intelligent capacitive touch screen
Interfaces	HDMI, RS485, USB, LAN, etc.
Operating Environment	Temperature: 10℃-40℃, Humidity: 30%-70%
Power Supply	AC: 110V/220V @ 50Hz/60Hz
Overall Dimensions	4U / 19-inch standard chassis
Weight	15kg

Applications

Industrial Control, Low-Voltage Electrical Equipment, Power Equipment, New Energy, Lighting Fixtures,Telecommunications, Household Appliances,Rail Transit, Instruments and Meters

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