



Voltage Variation Module for AC Voltage Dips, Short Interruptions

VVT 2216SV

- IEC 61000-4-11
- GB/T 17626.11

Features

- > Support voltage and current measurement and acquisition
- > Support overvoltage, overcurrent, voltage-limiting and current-limiting protection
- > Equipped with CN25 parallel port for connection to the matching main unit

Introduction

The VVT 2216SV voltage variation module complies with IEC 61000-4-11, and is designed for AC voltage dips, short interruptions, and voltage variations immunity testing. When used together with the CCS and other main units, it can perform immunity tests for voltage dips, short interruptions, and voltage variations.

This series is equipped with controllable semiconductor switches that can withstand high inrush currents, and provides electronic short-circuit protection.

Application Areas



Technical Parameters

Withstand Inrush Current	500A
Max. Input Voltage	Single phase: 220 V $\pm$ 5%, 50/60 Hz
Interruption Level	0%
Dip Level	0% ~ 100%
Dip & Interruption Duration	0.3 ~ 9,999 circles or 10 ms ~ 99,999 ms
Dip & Interruption Interval	50 ms ~ 50,000 ms
Dip & Interruption Test Counter	1 ~ 9,999
Dip & Interruption Rise & Fall Time	1 μ s ~ 5 μ s
Voltage Variation Level	0 ~ 100%
Voltage Decrease Time	500 ms ~ 9,999 ms (50% ~ 100%) or abrupt change (same as dip, interruption rise, fall time) 1,500 ms ~ 9,999 ms (0% ~ 100%) or abrupt change (same as dip, interruption rise, fall time)
Voltage Increase Time	500 ms ~ 9,999 ms (50% ~ 100%) 1,500 ms ~ 9,999 ms (0% ~ 100%)
Voltage Variation Duration After Reduction	10 ms ~ 99,999 ms
Synchronization	0° ~ 360°, 1° step setting or random mode
Trigger Mode	Manual, automatic, and external trigger input

General Parameters

Working Power	AC 100 V ~ 240 V, 50/60 Hz
Fuse	6 A
Max. Power Consumption	50 W
External Control Method	DB-25 Parallel Cable
Working Status Indications	Front Panel LED Indication
Dimension	6U rack, 450 mm (W)*280 mm (H)*620 mm (D)
Weight	Approx. 32 kg
Ambient Temperature	15 °C ~ 35 °C
Relative Humidity	45% ~ 75%
Atmospheric Pressure	86 kPa ~ 106 kPa

Standard Accessories

Power Cord, Test Cables, User Manual, Grounding Wire, Communication Cable

Optional Accessories

1	Combined Immunity Tester	Model: CCS series EUT voltage: AC single phase 220 V Current: 16 A Dimension: 6U rack	
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