

HVA28

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dry system



upgradeable to
PD and TD
diagnostics system



unlimited
operating time



protection class
IP67

Type		HVA28
Article number		SH5001
Input voltage		100-240 V, 50/60 Hz, 400 VA
Output voltage	VLF sine wave	0-29 kV peak, 21 kV rms
	DC	± 0-28 kV
	VLF square wave	0-28 kV
	accuracy	± 1%
	resolution	0.1 kV
Output current		0-20 mA
Resistance range		0.1 MΩ-5 GΩ
Output frequency		0.01-0.1 Hz in steps of 0.01 Hz default: 0.1 Hz (auto frequency)
Output load		0.5 µF @ 0.1 Hz @ 20 kV rms 5.0 µF @ 0.01 Hz @ 20 kV rms 10.0 µF maximum Capacitance! ¹
Sheath test	max. test voltage	10 kV
	trip current	0.1-5.0 mA
Sheath fault location ²	max. test voltage	10 kV
	Pulse/Period	1:3 / 4 s, 1:5 / 4 s, 1:5 / 6 s, 1:9 / 6 s
Output Modes		AC (VLF) Symmetrical and load independent across full range, DC (plus or negative polarity), Burn-/Fault Condition or Fault Trip Mode, Jacket/Sheath Testing
Safety		12 kV/50 Hz Feedback Protection integrated electronic and mechanical discharge devices - DDD®: Dual Discharge Device (internal)
Memory		50 Test Record Stored, USB almost unlimited
Metering		Voltage and Current (True rms and/or peak), Capacitance, Resistance, Time, Flashover Voltage
Duty cycle		Continuous! No thermal limitation for operating time.
HV-Cable		4 m with alligator clamps
Software		"b2 Control Center" (included)
Computer interfaces		Bluetooth and USB flash drive
Dimensions LxWxH		416 x 221 x 334 mm (Peli Case)
Weight		14 kg
Environment		temperature: storage -25°C to + 70°C, operating -20°C to + 55°C humidity: 5-85 % non condensing

¹ at lower frequency and voltage | ² in combination with locating device (not in scope of supply)

Options

- Internal/external Tan Delta diagnostics system
- Partial Discharge diagnostics system

Scope of delivery

- HVA28 testing device
- PC Software - b2 ControlCenter
- HV cable 4 m
- Power and earthing cable
- Accessory bag
- USB Stick
- Operating manual