

AN9632B(F)/9605B(F)/9602B(F)/9613B(F)/9671B(F) Electrical Safety

Tester

- ※ Compact: 2U high, 1/2 standard chassis width
- ※ High precision: 1% basic accuracy
- ※ High speed: Fastest 0.5s test, simple operation



Product Introduction

Ainuo AN9632B(F)/9605B(F)/9602B(F)/9613B(F)/9671B(F) series electrical safety tester has AC withstand voltage, insulation resistance, ground bond resistance functions, meeting the safety test requirements for various electrical products and components.

This series of products feature compact, light, rich interfaces, and suitable for desktop testing, system integration and other operating conditions.

This series of products have RS232/RS485/LAN/USB/PLC and other interfaces, meeting the needs of intelligent manufacturing and industrial upgrading in the electrical manufacturing industry.

Features

★ Safe and reliable

- ※ Complete electromagnetic, environment, load, operating conditions, fatigue test verification;
- ※ Anti-shock protection, arc detection, open/short circuit detection etc.

★ Convenient and efficient

- ※ Touch screen: unique keys + touch screen, easy to operate;
- ※ Flexible configuration: rich functions, multiple interfaces and various models.

★ Light and durable

- ※ Compact: 2-in-1 function, 2U high, 1/2 standard chassis size;
- ※ Rich interfaces: RS232, PLC, USB, LAN (optional).

Specifications

Model	AN9602B(F) ACW	AN9632B(F) ACW/IR	AN 9605B(F) ACW	AN9671B(F) IR	AN9613B(F) GB
AC withstand voltage (ACW)	5kV/100mA	5kV/20mA		None	
Insulation resistance (IR)	None	3kV/50GΩ	None	3kV/50GΩ	None
Ground bond resistance (GB)	None				32A/600mΩ
Operation interface	5" color LCD touch screen, RS232/PLC/USB/LAN (optional)				
Dimension (W×H×D mm)	213×88×460		213×88×360		

Specification Details (subject to the final confirmation of the technical specification)

Function (depends on the specific model)			Technical indicator
AC withstand voltage test	Rated output capacity		100VA (5kV/20mA) / 500VA (5kV/100mA)
	Output voltage setting	Range/accuracy	Range:(100~5000)V,resolution:1V,allowable error:±(1%×setting value+5V);
	Output frequency setting	Range/accuracy	50Hz/60Hz,allowable error:±0.1Hz
	Alarm current setting	Upper limit range/accuracy	Range:(0.00~20.00)mA,resolution:0.01mA,allowable error:±(1%×reading value+5 counts)
		Lower limit range/accuracy	Range:(0.000~9.999)mA,resolution:0.001mA,allowable error:±(1%×reading value+5 counts)
	Time setting	Test time range	Range:0,(0.5~999.9)s,0 is infinite, resolution:0.1s,allowable error:±(0.1%×setting value+2 counts)
		Ramp-up time range	Range:0,(0.1~999.9)s,0 is off, resolution:0.1s,allowable error:±(0.1%×setting value+2 counts)
		Ramp-down time range	Range:0,(0.1~999.9)s,0 is off, resolution:0.1s,allowable error:±(0.1%×setting value+2 counts)
Insulation resistance test	Arc detection		1~9(9 corresponds to most sensitive),0 is off
	Rated output capacity		3000Vdc/50GΩ
	Output voltage setting	Range/accuracy	Range:(100~3000)Vdc,resolution:1V,allowable error:±(1%×setting value+5V)

	Alarm resistance setting	Upper/lower limit range	Range:0.10MΩ~50000MΩ, upper limit includes no upper limit setting
		allowable error	100~499V:0.10MΩ~999.99MΩ, 1000~2000MΩ,±(5%×reading value+2 counts) 500~3000V:0.10~999.99MΩ,±(2%×reading value+2 counts), 1000~9999MΩ,±(5%×reading value+2 counts) 10000~50000MΩ,±(15%×reading value+2 counts)
	Time setting	Delay time range	Range:0,(0.5~999.9)s,0 is infinite,resolution:0.1s,allowable error:±(0.1%×setting value+2 counts)
		Ramp-up time range	Range:0,(0.1~999.9)s,0 is off,resolution:0.1s,allowable error:±(0.1%×setting value+2 counts)
		Ramp-down time range	Range:0,(1.0~999.9)s,0 is off,resolution:0.1s,allowable error:±(0.1%×setting value+2 counts)
	Rated output capacity		Max test current 32Aac,max resistance 600mΩ,open-circuit voltage<12Vac
AC ground bond resistance test	Output current setting	Range/accuracy	Range:(2.0A~32.0A)AC,resolution:0.1A,allowable error:±(1%×setting value+2 counts)
	Output voltage setting	Range/accuracy	Open-circuit voltage range:(3.0~10.0) V AC,resolution:0.1V,allowable error:±(1%×setting value+2 counts)
	Output frequency setting	Range/accuracy	50Hz/60Hz,allowable error:±0.1Hz
	Alarm limit setting	Range of resistance upper/lower limit	3 A≤output current≤10A: 0.1 ~ 600 mΩ 11A≤output current≤32A: 0.1-R, R = 6400/setting current (mΩ) resolution:0.1/1mΩ
		allowable error	<100mΩ,±(1%×reading value+1mΩ); ≥100mΩ,±(1%×reading value+2 counts)
	Test time setting	Range/accuracy	Range:0,(0.5~999.9)s,0 is infinite,resolution:0.1s,allowable error:±(0.1%×setting value+2 counts)
Other configuration	Display	LCD, 5" color touch screen	
	Communication interface		RS232 (optional RS485) 、USB、LAN (optional)
	Control interface		PLC interface