

Grounding resistance and circuit resistance test in flammable and explosive area.

FEATURES :

1. Explosion-proof products, can be used in the corresponding environment, the shell is made of anti-static engineering plastic and safer.
2. Ex-mark : Exia II BT3Ga, Explosion-proof qualified
No.: CE13.2263
3. When measuring the loop earth system, no need to disconnect the grounding down leads, no need with auxiliary electrode.
4. Clamp Earth Resistance Tester can measure the ground fault which can't be measured by traditional method, and apply in the situation where traditional methods could not measure.
5. Audible and visible alarm, data memory, data hold functions.



Preliminary Data

ELECTRICAL SPECIFICATION :

Measurement Range	Range	Resolution	Accuracy
Resistance Range	0.010Ω ~ 0.099Ω	0.001Ω	± (1% + 0.01Ω)
	0.10Ω ~ 0.99Ω	0.01Ω	± (1% + 0.01Ω)
	1.0Ω ~ 49.9Ω	0.1Ω	± (1% + 0.1Ω)
	50.0Ω ~ 99.5Ω	50Ω	± (1.5% + 0.5Ω)
	100Ω ~ 199Ω	1Ω	± (2% + 1Ω)
	200Ω ~ 395Ω	5Ω	± (5% + 5Ω)
	400Ω ~ 590Ω	10Ω	± (10% + 10Ω)
	600Ω ~ 1200Ω	30Ω	± (25% + 30Ω)
Clamp Size	65mm X 32mm		
Clamp Opening Size	32mm		
Ex - Mark	BT3Ga		
LCD Screen	4-bit LCD digital display, 47mm(L) × 28.5mm(W)		
Data Storage	99 unit		
Audio - Light Alarm	"beep--beep--beep --" alarm sound. Press "AL" key to turn on and off		
Alarm Critical Value Setting Range	Resistance: 1 ~ 199Ω		
Working Temp	-20°C ~ 55°C ; 10%RH-90%RH		
Protection Level	Double insulation		
Structure	Clamp CT		
Shift	Automatic shift		
External Magnetic Electric field	< 40A/m ; < 1V/m		
Single Measurement Time	0.5 s		
Resistance Measurement Frequency	> 1KHz		
Power	6VDC (4 PCS alkaline dry battery)		
Dimension	Approx. 285mm(L) x 85mm(W) x 56 mm(H)		
Weight	Approx. 1160gm.		
Accessories	Test Ring, Batteries, User Manual & Carrying case.		

All Specifications are subject to change without prior notice.