

# TECHNICAL DATA SHEET



Rel. EN 3-00 - 25/06/24

## EQUITEST

ACCESSORY FOR CONTINUITY  
TEST OF PROTECTION  
CONDUCTORS WITH 10A

EQUITEST is the new accessory for continuity  
measurement up to 10A.



## 1. TECHNICAL SPECIFICATIONS

Accuracy calculated as  $\pm [\% \text{reading} + (\text{num. dgt}) * \text{resolution}]$  at  $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$ ,  $<80\% \text{RH}$

### CONTINUITY OF PROTECTION CONDUCTORS WITH 10A

RANGE [ $\Omega$ ]	RESOLUTION [ $\Omega$ ]	ACCURACY
0.001 ÷ 1.999	0.001	$\pm(1.0\% \text{rdg} + 2 \text{dgt})$
Test current:	>10A AC (max test cable resistance 0.7 $\Omega$ )	
Open voltage:	4 < V <sub>o</sub> < 24V AC	
Measurement time:	10 periods (@ 50Hz), 12 periods (@60Hz)	
Measurement method:	4-wires	
Overheating:	after at least 20 consecutive tests	

### TEST CURRENT

RANGE [A]	RESOLUTION [A]	ACCURACY
0.00 ÷ 19.99	0.01	$\pm(1.0\% \text{rdg} + 2 \text{dgt})$
Safety:	IEC/EN61010-1, IEC/EN61010-2-030, IEC/EN61557-1	
EMC:	IEC/EN61326-1, IEC/EN61326-2	
RED:	ETSI EN300328, ETSI EN30344, ETSI EN301489-7	
EMC environment of use:	portable, Class B, Group 1	
Insulation:	double insulation	
Pollution level:	2	
Measurements:	IEC/EN61439-1, IEC/EN60204-1, IEC/EN62305-1	
Measurement category:	CAT III 300V to ground and between inputs	

## 2. GENERAL SPECIFICATIONS

### POWER SUPPLY:

Main's supply:	230V/240V $\pm 10\%$ , 50/60Hz or 110V $\pm 10\%$ , 50/60Hz
Power consumption:	max 70W (@230V, 300mA) (@110V, 600mA)
Fuse protection:	Time-Leg 250V/1A (5x20mm)

### EXTERNAL COMMUNICATION:

MASTER instrument interface:	optical cable C2050
Mobile devices interface:	WiFi (via APP HTAnalysis)
Internal status indications:	two colors LEDs

### MECHANICAL CHARACTERISTICS:

Dimensions (L x W x H):	210 x 115 x 60mm (8 x 5 x 2in)
Weight (with integrated cable):	approx.1kg (32ounces)
Mechanical protection:	IP40

### ENVIRONMENTAL CONDITIONS:

Working temperature:	0°C ÷ 40°C (32°F ÷ 104°F)
Working humidity:	<80%RH
Storage temperature:	-10°C ÷ 60°C (14°F ÷ 140°F)
Storage humidity:	<80%RH
Max operating altitude:	2000m (6562ft)

This accessory complies with requirements of EMC Directive 2014/30/EU

This accessory satisfy the requirements of European Directive 2011/65/EU (RoHS) and 2012/19/EU (WEEE)