

MV fuse tester

CF200

FUNCTIONS

CF200 performs a measurement of the fuse resistance. This measurement is based on the 4 wire measurement method with automatic compensation of the temperature effect on the result.

The fuse tester consists of a rigid case, including :

- ♦ An operating panel
- ♦ Two measuring clamps
- ♦ A self-test system
- ♦ A temperature sensor

USE PRINCIPLE

The fuse test is performed in 4 steps :

- ♦ Power on (with automatic self-test)
- ♦ Connection of the 2 measuring clamps to the fuse
- ♦ Selection of the fuse type from a selection menu
- ♦ Measurement of the fuse resistance and immediate display of the result

The type of fuse to be tested is selected from the on-board data base holding the following parameters :

- ♦ Voltage
- ♦ Amperage
- ♦ Trade Mark
- ♦ Identifier

The database is generated using a management PC software which can be updated by the user and transferred to the tester through a USB connection.



TECHNICAL CHARACTERISTICS

Ranges	5 mΩ to 2.5 Ω
Accuracy	0.1 mΩ
Tolérance	12.5 % (detection of 1 cut wire out of 8)
Maximum number of fuses in memory (database)	Up to 3000
Test current	200 mA
Weight	2.6 kg
Dimensions	304 x 270 x 144 mm
Operating temperature	-20 °C à +55 °C
Power supply	2 x 9 V batteries 6LR61
Maximum number of measurements without changing the batteries	2200 measurements
Standard	IEC-1010-1, CAT I 3V
Degree of protection	IP 52



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