

METRAFUSE FD PRO

手持式熔断器和断路器侦测仪

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- 轻便的测试仪器
- 熔断器和断路器的快速识别
- 接收器自动调谐灵敏度
- 通过LED和蜂鸣清晰指示测试结果
- 可在几百米长的电缆上工作
- 自动断电功能（接收器）
- 铁氧体传感器扫描探头（接收器）



应用

METRAFUSE FD PRO是一种测试仪器，用于快速识别哪个熔断器（保险丝）或断路器在保护电路。

METRAFUSE FD PRO由两部分组成：接收器和发射机。

发射机连接到被测试的电路，并使用交流电路的功率产生和注入修改后的高频信号到带电导体。该信号不会对其他设备产生不利影响，但功能强大到足以在数百米的电缆运行上工作。

接收器用于在配电柜上检测来自发射机的信号。当其扫描尖端与连接到被测试电路的熔断器或断路器接触时，接收器将通过LED和蜂鸣指示发射机信号的存在。

特点

简单操作

操作非常容易。METRAFUSE FD PRO可以在数百米的电缆上找到熔断器或断路器，并通过LED和蜂鸣清楚地指示结果。

自动断电功能

发射机由被测试的电路供电，接收器是电池供电的，为了最大限度地延长电池寿命，它将在不活动六分钟后自动关闭。

便携包

METRAFUSE FD PRO配备了一个安全储存和易于运输的便携包。

连接到插座或裸露电线

发射机可以连接到与被测试电路电缆连接的插座。

或者，它可以连接到裸线，使用标配的测试探针和鳄鱼夹进行测试。测试探针内置保险丝，提供额外的安全保护。



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技术参数

机械设计

Housing (W × H × D)	Transmitter	160 × 85 × 35 cm
	Receiver	210 × 50 × 35 cm
Weight	Transmitter	166 g
	Receiver	78 g (without battery)
Protection	IP20	

温度条件

Operating temperature	0 °C ... +40 °C
Storage temperature	-20 °C ... +60 °C
Relative humidity	max. 75%, no condensation allowed
Elevation	max. 2000 m
Place of use	Indoor use only

功率

Receiver supply	alkaline battery 9 V type PP3/MN 1604/6F22 or equivalent
Receiver auto power off	after 6 minutes
Transmitter supply	Circuit under test (100 V ...250 V AC; 50 Hz ... 60 Hz)
Transmitter current	<20 mA

电气安全

Measuring category	CAT III, 250 V
Pollution degree	2
Protection category	II

电磁兼容 (EMC)

Interference emission / immunity	EN 61326-1: 2013 resp. EN 61326-2-2: 2013
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相关标准

The instrument has been manufactured and tested in accordance with the following safety regulations:

DIN EN 60529 VDE 0470-1	Test instruments and test procedures Degrees of protection provided by enclosures (IP code)
IEC 61010-1: 2010 DIN EN 61010-1: 2010 VDE 0411-1: 2010	Safety requirements for electrical equipment for measurement, control and laboratory use. Part 1: General requirements
IEC 61010-2-030: 2010 DIN EN 61010-2-030: 2010 VDE 0411-2-030: 2010	Safety requirements for electrical equipment for measurement, control and laboratory use. Part 2-030: Particular requirements for testing and measuring circuits
IEC 61326-2-2: 2013 DIN EN 61326-2-2: 2013 VDE 0843-20-2-2: 2013	Electrical equipment for measurement, control and laboratory use - EMC requirements. Part 2-2: Particular requirements for portable test equipment used in low-voltage distribution systems.

测试探针保险丝

Fuse	Super-Fast (FF) Safety Fuses, 10 A, 600 V, 6,3 × 32 mm
Measuring category:	CAT III 1000 V, CAT IV 600 V

供货范围

- 1 METRAFUSE FD PRO receiver
- 1 Alkaline battery, 9 V
- 1 METRAFUSE FD PRO transmitter
- 1 Mains lead cable for transmitter
- 1 Fused test probe set incl. alligator clips
- 1 Bag
- 1 Operating instructions

订货信息

METRAFUSE FD PRO	M660C
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For additional information regarding accessories please refer to

- Measuring Instruments and Testers catalog
- www.gmci-china.cn

