

Surge arrester tester / megohmmeter



**Test your surge arresters and insulation resistances
in the field, on site or dismantled**

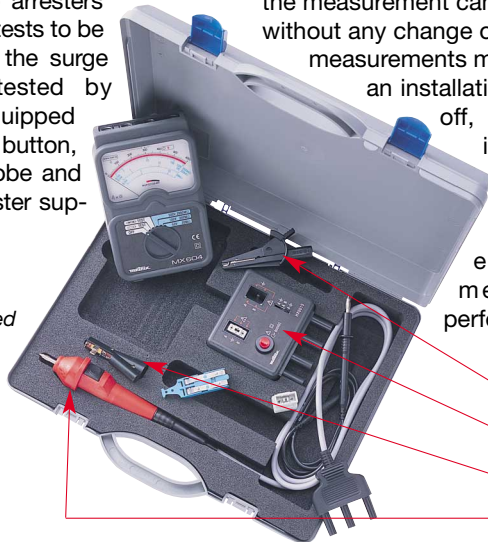
- Includes a surge arrester support module for measurements on dismantled surge arresters
- Includes a probe with remote control button for on-site measurements
- Measures insulation resistances at 50, 100 and 500 Vdc
- An indicator light warns of the presence of mains voltage
- Enables direct reading of results whatever the function chosen
- Indicates the amount of charge left in the batteries

MX 604: Surge arrester tester / megohmmeter

Surge arrester tester

Whether the surge arresters are dismantled or on site, the MX 604 enables you to test them easily and quickly without any risk, between 0 and 600 Vdc. A "support" module connects to the instrument and allows the dismantled surge arresters to be inserted for the tests to be carried out. On site, the surge arresters can be tested by means of a probe equipped with a remote control button, a lead with a test probe and possibly a surge arrester support clamp.

The MX 604 is delivered in a small and flat portable case.



Megohmmeter

The MX 604 enables the insulation resistance of telephone lines, e.g. between the subscriber and the secondary distribution frame, to be measured. Thanks to a logarithmic scale, the result of the measurement can be read directly and without any change of range. Because the measurements must be carried out on an installation which is switched off, a voltage presence indicator light is available on the dial to ensure the user's safety and ensure that the measurements are perfectly accurate.



Insulation test

Alligator clamp

surge arrester support

surge arrester support clamp

remote control probe

TECHNICAL CHARACTERISTICS		MX 604		
• Surge arrester tester				
Rated voltage		600 Vdc		
Class		2.5		
No-load voltage		< 950 Vdc		
Short-circuit current		< 400 μ A		
Protection		600 Veff		
• Megohmmeter				
Test voltage	50 Vdc	100 Vdc	500 Vdc	
Measurement ranges	100 k Ω to 20 m Ω	100 k Ω to 200 m Ω	100 k Ω to 2,000 m Ω	
No-load voltage	< 75 Vdc	< 150 Vdc	< 750 Vdc	
Short-circuit current		< 1 mA		
Class		10		
Protection		600 Veff		
• Battery test				
Test voltage		200 mA		
GENERAL CHARACTERISTICS		MX 604		
Operating temperature		0 to 45°C		
Power supply		3 batteries of 1.5 V (LR03)		
Autonomy		1,500 measurements of 5 seconds each		
Dimensions (depth x width x height)		40 x 98 x 155 mm (without surge arrester module)		
Weight (without batteries)		350 g (instrument) and 110 g (surge arrester module)		
IEC 61010 safety standard		Cat. III, 300 V, pollution level 2		
Guarantee		1 year		

Accessories and information for ordering

Accessories included

The MX 604 is delivered with all its accessories: 1 detachable surge arrester support module, 1 red remote control probe, 1 red test probe, 1 straight-ended black lead 1.2 m in length with built-in test probe, 1 black alligator clamp, 1 surge arrester support clamp, 1 strap fitted to the instrument, 3 LR03 batteries not inserted, 1 operating manual in 5 languages, 1 small and flat portable case able to contain the instrument and all the accessories.

To order

MX0604 Surge arrester tester and megohmmeter

Characteristics subject to modifications according to technological developments.

metrix
Instruments by Chauvin Arnoux

FRANCE
6, avenue du Pré de Challes - BP 330
74943 ANNECY-LE-VIEUX Cedex
Tel. : 33 4 50 64 22 22 - Fax : 33 4 50 64 22 13
190, rue Championnet
75876 PARIS Cedex 18
Tel. : 33 1 44 85 44 86 - Fax : 33 1 46 27 95 59

UNITED KINGDOM
CA UK Ltd - Metrix
Waldeck House - Waldeck Road
Maidenhead SL6 8BR
Tel. : (01628) 788 888
Fax : (01628) 628 099

For assistance and ordering