CABLE CLAMPING DEVICE

C04 Cable Clamping Device

With the help of the clamping device type C04 and a milliohm or microohmmeter
the ohmic resistances of cable samples and materials such as cords and strips can be measured.
Fields of application include production monitoring, quality assurance and general test measurements.

The type C04 consists of a robust , wrap-resistant,light-metal rail with one movable and one rig clamping device.
It allows measurement of samples 50 mm to 1000 mm long. The clamping device is designed to accomodate cable cross-sections of 0.1 mm^2 to 1256mm^2. For larger cross-sections, the distances between the current feed and the potential tap must be increased in order to ensure a uniform current distribution.

Adaptation to the diameter of the test unit is carried out through a coarse adjustment of the clamping jaws.
The quick-action clamping device allows the test unit to be clamped rapidly and securely in one single movement.

Technical Data:

Adjustable clamp support: measurement length of up to 1000 mm.
Test unit cross-sections : Ranging from 0.1 mm^2 to 1256mm^2
Wire dia. range: 1mm - 40mm
Current connections: designed for 100A
Potential tap: routed to 4mm standard device terminals via material with low thermoelectric power.
Ditance between V and A conenctors: 38mm, non-adjustable
Material: floor board:aluminium alloy, chuck: alloy steel, Ruler: synthetic glass, Rail: stainless steel
Dimension: 1140 x 100 x 130 mm
Weight: Approx. 5Kg

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