

NEW!

Insulation Monitoring device for DC charging station

IMD SERIES, TYPE IM-06DCCT, HVC-10



Available soon!

IM-06DCCT for CCS charging system.

IM-06DCCT.MCS for MCS charging system.

- Measures the insulation resistance and capacitance of DC networks
- Detects also symmetrical insulation faults
- Suitable for different application fields, for example
 - Electric vehicle DC charging stations
 - DC networks
- Nominal system voltage 0...1250 VDC
- Monitoring of system voltage
- N/C and N/O selectable
- Modbus RTU
- Automatic adaptation to the system leakage capacitance up to 30 uF
- Selectable start-up delay
- According to the standard IEC 61851-23 and IEC 61851-23-3

Power supply specifications

Nominal Input voltage 24 VDC

Measurement specification

Maximum input voltage 1250VDC
 Resistance measurement range 10kΩ...650kΩ
 Capacitance measurement range 100nF-30uF
 System frequency DC, 10Hz - 500Hz
 Start-up delay 0...60 s

Alarm contacts with settable limits (potential free changeover, N/C and N/O selectable)

Alarm contact 5A at 250VAC
 Pre-alarm contact 5A at 250VAC

Other functions

Compatible also with 3 phase IT networks
 RS-485 serial connection with Modbus RTU for remote monitoring / controlling

Easy and explanatory user interface

LEDs and backlit LCD display

Self-testing automatic

Periodic

Self-testing immediate

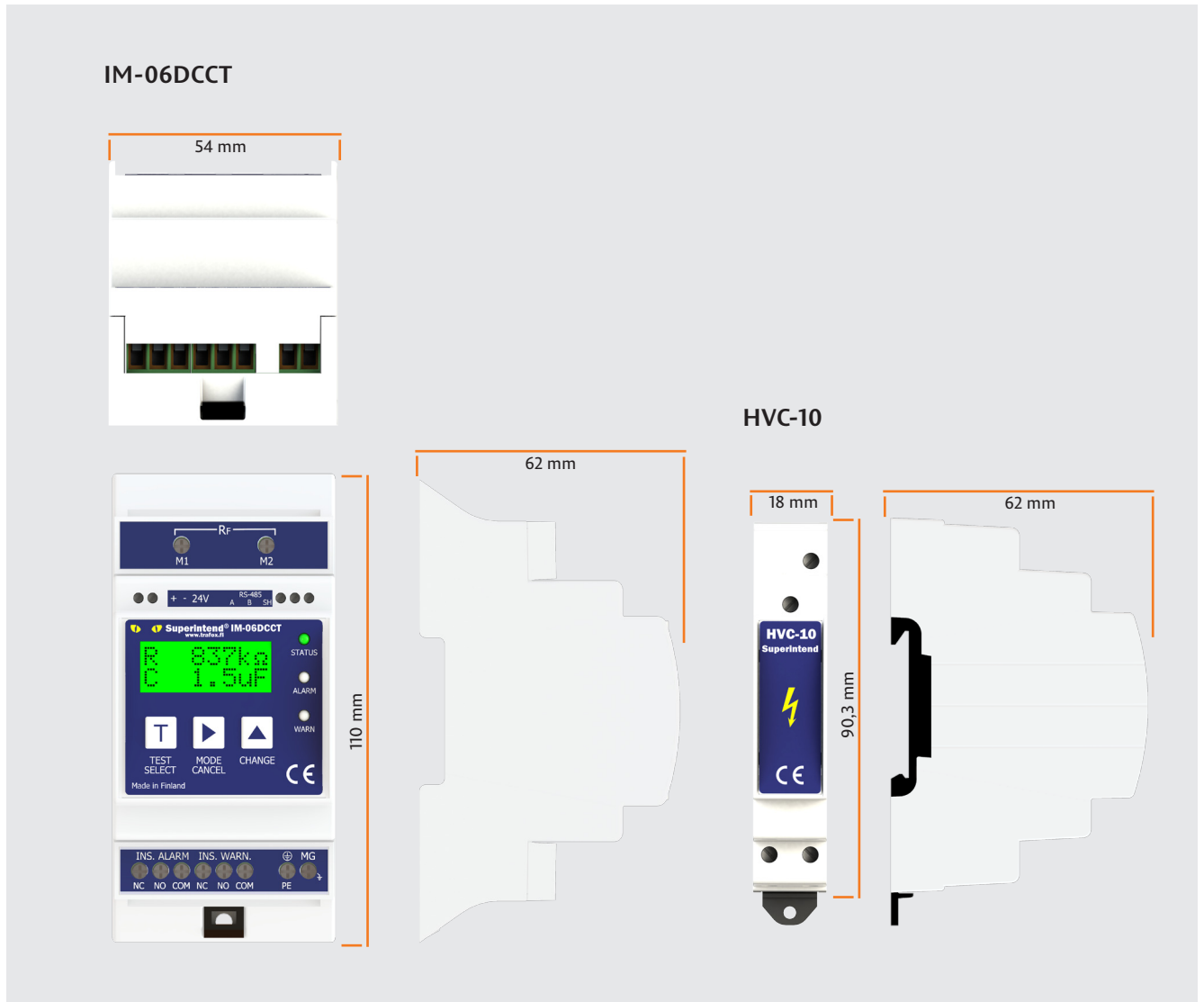
With TEST button

Standards

Measurements IEC 61557-8:2014
 Safety IEC 61010-1:2010 (3rd Edition), IEC 60664-1 and IEC 60664-3
 EMC IEC 61326-2-4, CISPR 11 / EN55011, IEC61000-4-2, IEC61000-4-3, IEC61000-4-4, IEC61000-4-5, IEC61000-4-6, IEC61000-4-11
 DC ELECTRIC VEHICLE CHARGING STATION IEC 61851-23, IEC 61851-23-3

General

Dimension (W x L x D) IM-06DCCT 54 x 110 x 62 mm
 Case Material Plastic
 Mounting interface DIN rail clamp or screw mounting
 Tamb -25 °C ... + 70 °C



Muutosähkö

Trafox is a brand of Muutosähkö Oy. We develop, manufacture and customise high-quality transformers, chokes, filters and Trafox Superintend® monitoring devices for a large number of applications.

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