

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.

<https://www.also.sk/trafox/>

- 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
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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

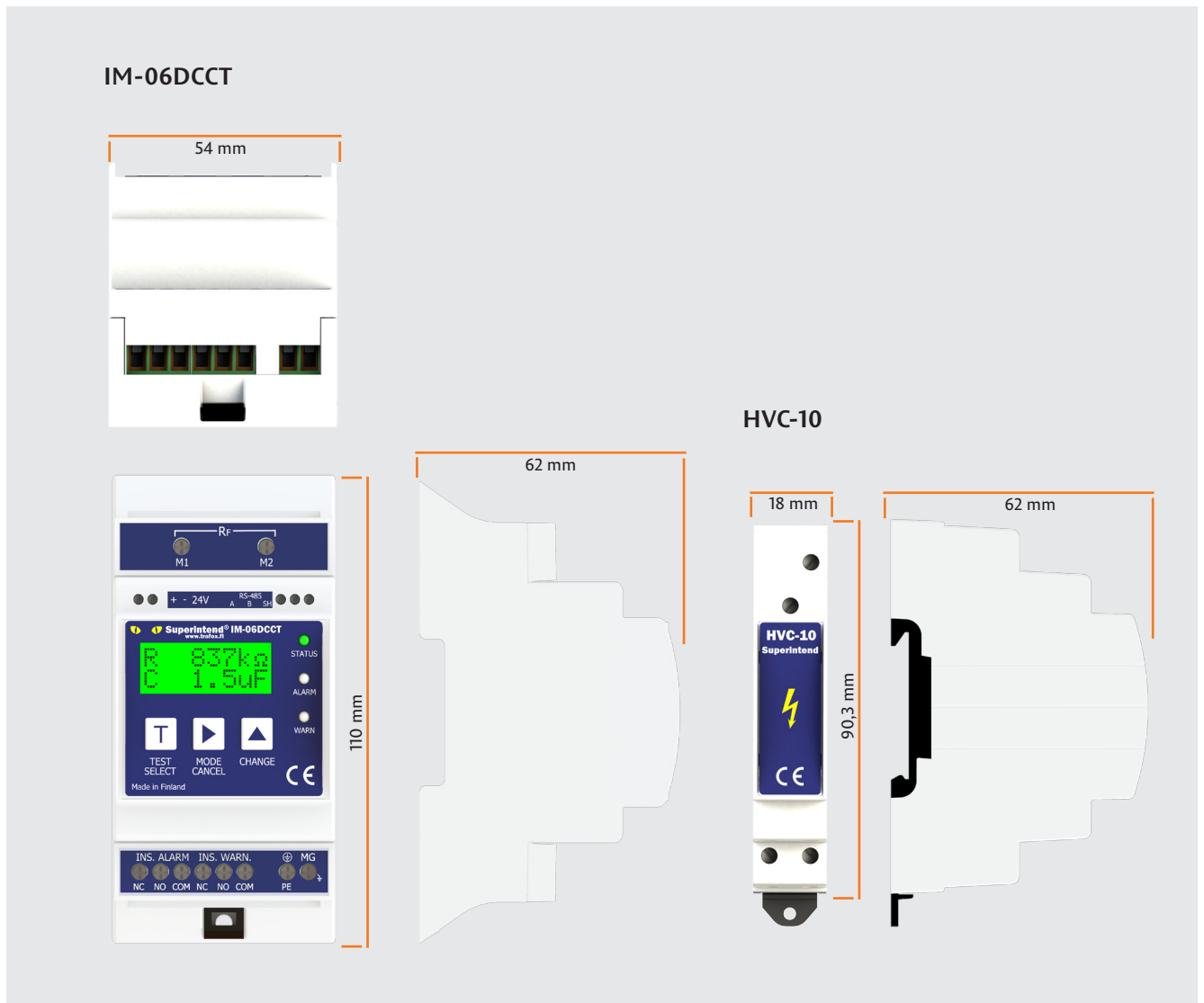
Easy and explanatory user interface	LEDs and backlit LCD display
Self-testing automatic	Periodic
Self-testing immediate	With TEST button

Standards

Measurements	IEC 61557-8:2014
Safety	IEC 61010-1:2010 (3 rd 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	



Muuntosähkö

Trafox is a brand of Muuntosähkö 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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