

Insulation monitor MH 5880



The insulation monitors MK 5880N and MH 5880 of the VARIMETER IMD family provides best insulation monitoring of pure three-phase and AC IT systems in a state of the art way fulfilling the relevant standards. The adjustment of the setting values is simple and user friendly done on 2 rotary switches on the front of the device. The MH 5880 also has a galvanic separated analogue output and a 11 step LED chain for display the actual insulation value.

Features

- . According to IEC/EN 61557-8
- . For single and 3-phase AC-systems up to 0 ... 500 V and 10 ... 1000 Hz
- . Monitors also disconnected voltage systems
- . Adjustable tripping value RAL of 5 ... 100 k Ω
- . De-energized on trip
- . Auxiliary voltage, measuring circuit and output contacts are galvanically separated
- . Manual and auto reset
- . With test and reset button
- . Connections for external test and reset buttons possible
- . LED indicators for operation and alarm
- . 2 changeover contacts
- . MK 5880N/200 with additional prewarning
- Adjustable prewarning value 10 k Ω ... 5 M Ω
- 1 output relay for alarm and 1 for pre-warning

- . MH 5880/500: similar to MK 5880N but with galvanic separated analogue output and 11 step LED chain for the actual insulation value
- . Wire connection: also 2 x 1.5 mm² stranded ferruled, or 2 x 2.5 mm² solid DIN 46 228-1/-2/-3/-4
- . As option with pluggable terminal blocks for easy exchange of devices
 - With screw terminals
 - Or with cage clamp terminals
- . MK 5880N: 22.5 mm width
- MH 5880: 45 mm width

Technical specifications

Width: 45mm

Enclosure design: Switch cabinet

IMD type: AC

Nominal voltage IT system: AC 0 - 500V

Response value type: Adjustable

Response value: 5 - 100k Ω

Earth fault indicator: Yes

Auxiliary voltage: AC, DC

Type: MH 5880

Manufacturer: E. Dold & Söhne GmbH & Co. KG

Type: MH5880.38/500 AC50-400HZ 220-230V

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