

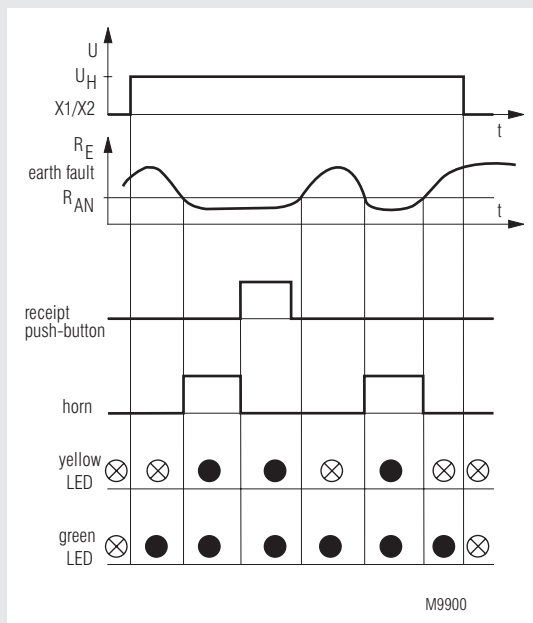


- Accessories for insulation monitors in medically used rooms according to DIN VDE 0100-710
- Internal electrical alarm buzzer (horn)
- Reset button for audible alarm
- Test button to check the function of the device
- with green LED to indicate operation
- with yellow LED to monitor insulation failure
- To mount in flush device boxes

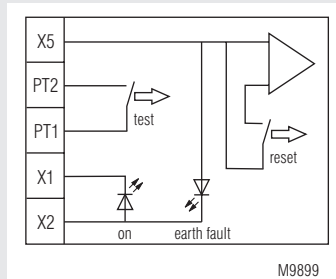
Approvals and Markings



Function Diagram



Block Diagram



Standard Type

UP 5862 AC 24 V
 Article number: 0041706
 • Nominal voltage U_N : AC 24 V

Application

Test and indication panel for connection on insulation monitors in medically used rooms according to DIN VDE 0100-710

Indicators

LED green: on, when supply connected
 LED yellow: on, when insulation failure

Technical Data

Input

Nominal voltage U_N : AC 24 V
 Voltage range: 0.8 ... 1.1 U_N
 Nominal consumption: 0.5 VA

General Data

Nominal operating mode: continuous operation
 Temperature range: - 5 ... + 55°C
EMC
 Electrostatic discharge (ESD): 8kV (air) IEC/EN 61000-4-2
 HF irradiation: 10 V/m IEC/EN 61000-4-3
 Fast transients: 2 kV IEC/EN 61000-4-4
 Surge voltage: 1 kV IEC/EN 61000-4-5

Degree of protection: IP 30
 Vibration resistance: Amplitude 0.35 mm, Frequency 10 ... 55 Hz IEC/EN 60 068-2-6
 Climate resistance: 05 / 055 / 04 IEC/EN 60 068-1
 Terminal designation: EN 50 005

Wire connection: 1 x 4 mm² solid or 1 x 2.5 mm² stranded ferruled (isolated) or 2 x 1.5 mm² stranded ferruled (isolated) DIN 46228-1/-2/-3/-4 or 2 x 2.5 mm² stranded wire with sleeve DIN 46 228-1/-2/-3
 Box terminal with wire protection

Wire fixing:
 Max. wire length to IR / IS 9112, IN / IP 5880 at wire cross section

A = 0.5 mm²: 500 m
 A = 1.5 mm²: 1000 m
 Nettogewicht: 100 g
 Weight: 100 g

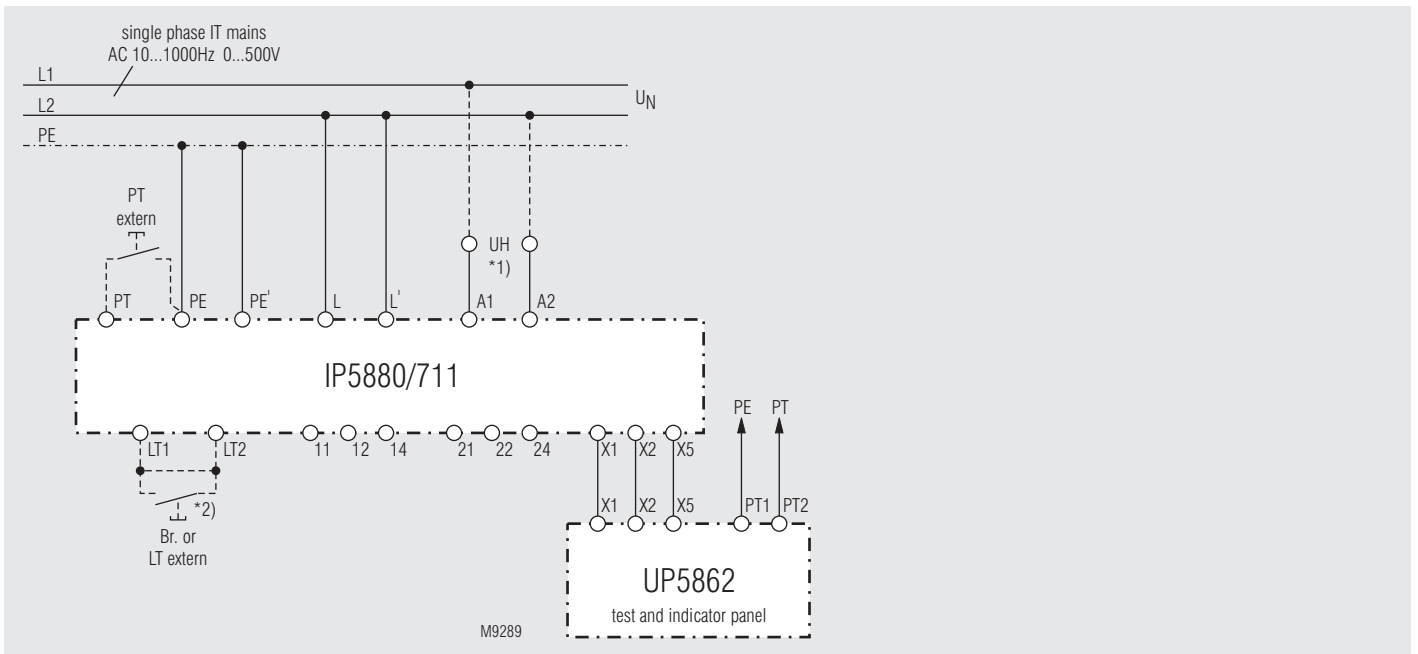
Dimensions

Width x height x depth: 80 x 80 x 35 mm

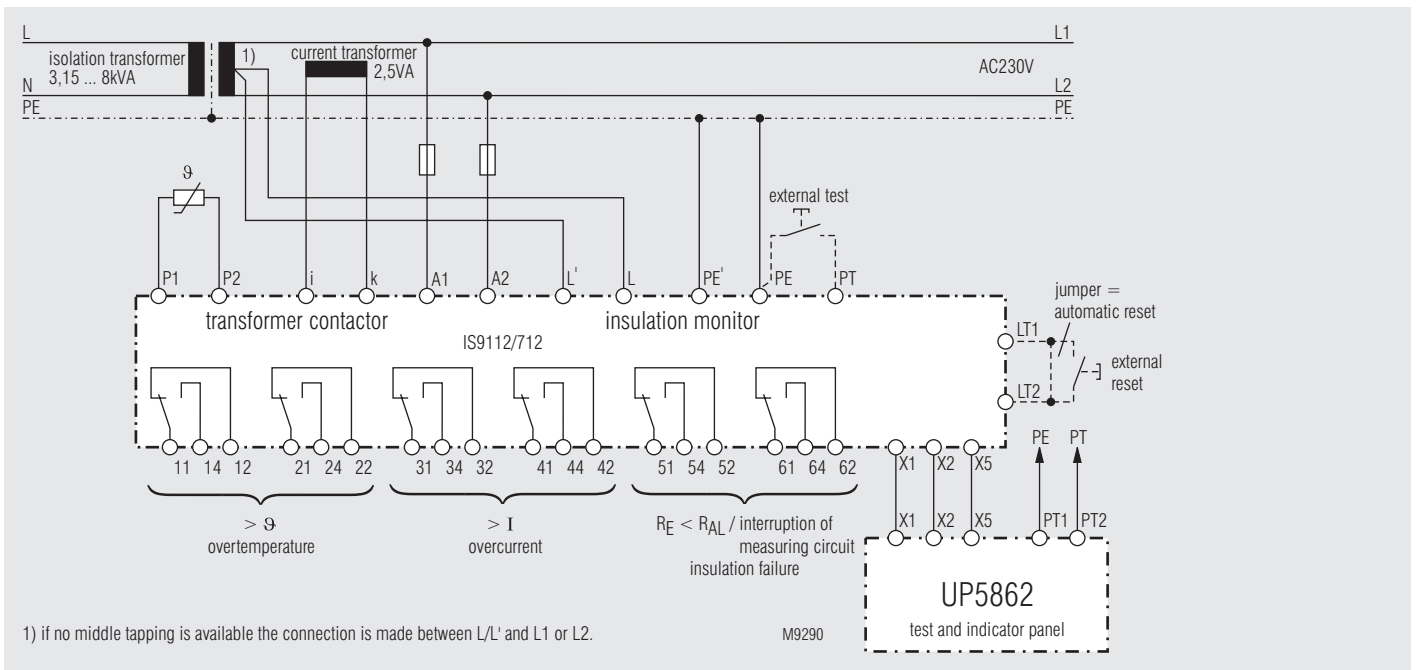
Accessories

Insulation monitor: IN / IP 5880
 Insulation monitor: IR / IS 9112

Connection Example



UP 5862 in combination with insulation monitor IN / IP 5880



UP 5862 in combination with insulation monitor IR / IS 9112