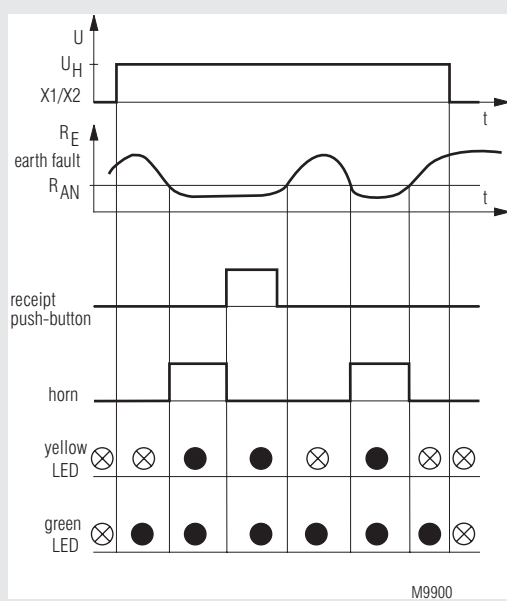




- Accessories for insulation monitors in medically used rooms according to DIN VDE 0100-710
- Internal electrical alarm buzzer (horn)
- Reset button for audible alarm
- Test button to check the function of the device
- With green LED to indicate operation
- With yellow LED to monitor insulation failure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

Function Diagram



Approvals and Markings



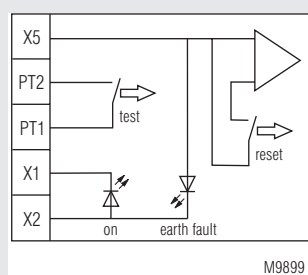
Application

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

Indicators

- LED "EIN" (Green): On, when supply connected
- LED "Erdschluss" (Yellow): On, when insulation failure

Block Diagram



Connection Terminals

Terminal designation	Signal description
PT1, PT2	Test button for determining the operability of the connected device
X1, X2, X5	Fault signal inputs

Technical Data

Input

Nominal voltage U_N:	AC 24 V
Voltage range:	0.8 ... 1.1 U_N
Nominal consumption:	0.5 VA
Nominal frequency:	50 / 60 Hz

General Data

Nominal operating mode:	Continuous operation	
Temperature range		
Operation:	- 5 ... + 55 °C	
Storage:	- 20 ... + 55 °C	
Altitude:	< 2000 m	
EMC		
Electrostatic discharge (ESD):	8 kV (air)	IEC/EN 61000-4-2
HF irradiation:		
80 MHz ... 6 GHz:	12 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
HF-wire guided:	10 V	IEC/EN 61000-4-6
Interference suppression:	Limit value class B	EN 55011
Degree of protection:	IP 30	
Vibration resistance:	Amplitude 0.35 mm, Frequency 10 ... 55 Hz IEC/EN 60068-2-6 05 / 055 / 04 IEC/EN 60068-1	
Climate resistance:	EN 50005	
Terminal designation:	DIN 46228-1/-2/-3	
Wire connection:	1 x 4 mm ² solid or 1 x 2.5 mm ² stranded ferruled (isolated) or 2 x 1.5 mm ² stranded ferruled (isolated) or 2 x 2.5 mm ² stranded wire with sleeve	
Insulation of wires or sleeve length	7.0 mm	
Wire fixing:	Box terminal with wire protection	
Fixing torque:	0.4 Nm	
Max. wire length to IP 5880/711 und IS 9112/712 at wire cross section		
A = 0.5 mm ² :	500 m	
A = 1.5 mm ² :	1000 m	
Weight:	100 g	

Dimensions

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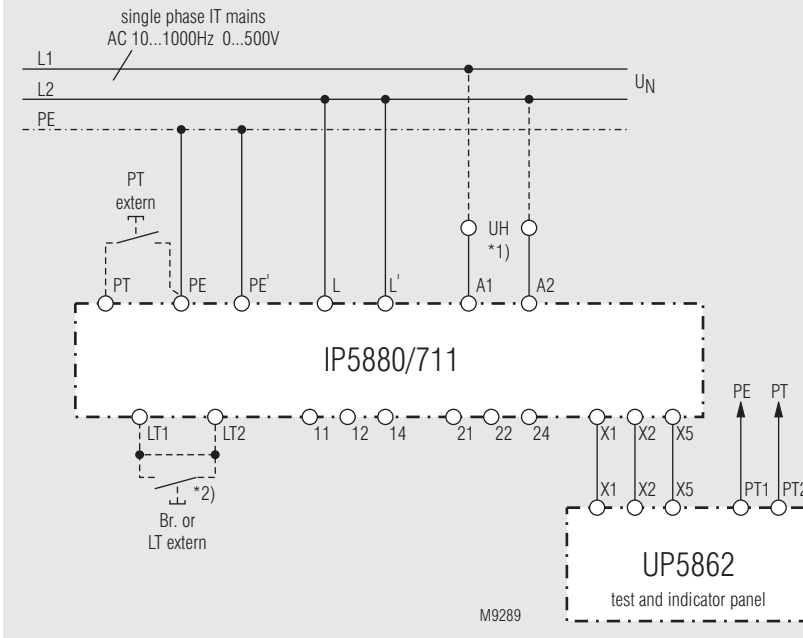
Standard Type

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

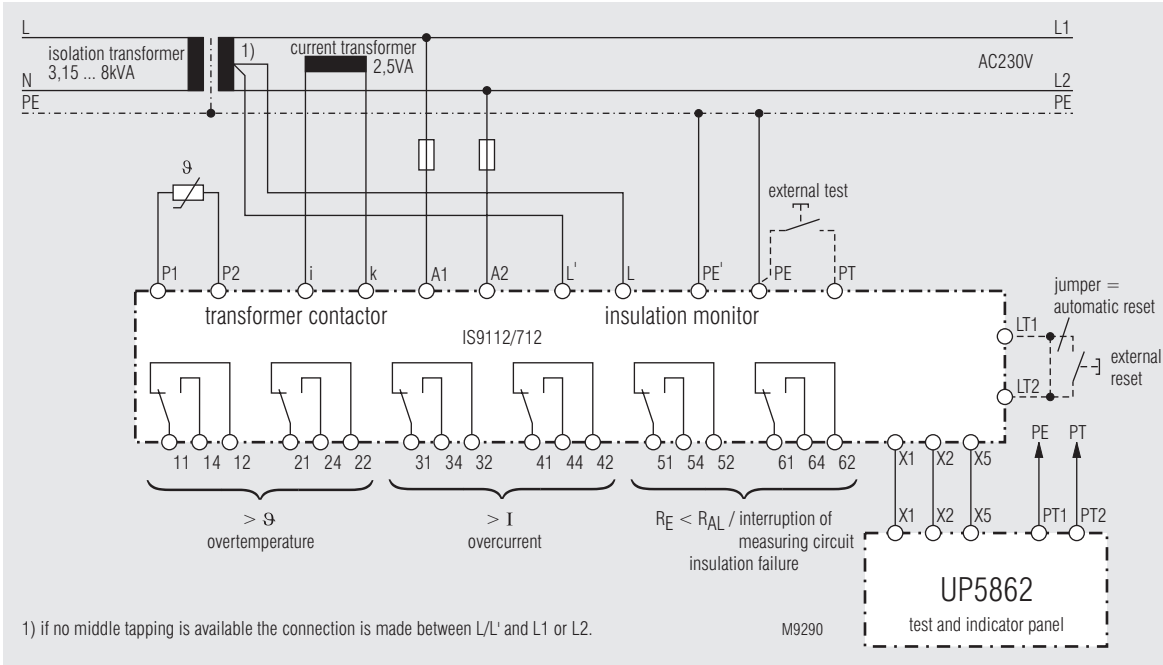
Accessories

Insulation monitor IP 5880/711	
Article number:	0057875
Insulation monitor IS 9112/712	
Article number:	0057877

Connection Example



UP 5862 in combination with insulation monitor IP 5880/711



UP 5862 in combination with insulation monitor IS 9112/712

