

## MOTOR AND PHASE ROTATION TESTER 8130/8131

CAT IV / 600 V



Model 8131  
with LED Display



8130

### FEATURES

- Rotary field indicator with phase indication
- Identification of the connections (U, V, W) of a three-phase motor
- Voltage range: 40...700V AC (8130) / 100...700V AC (8131); 50/60Hz
- Contact-free determination of the rotation direction of running AC motors, e.g. circulation pumps
- Determination of right motor connection (motor wiring)
- Display: LCD (8130), LED (8131)
- Warning in case of wrong wiring
- Connected test leads
- Crocodile clip for easy connection to the motor terminal board
- Test probes for measuring in coupling plugs
- CAT III 1000V, CAT IV 600V

### SCOPE OF SUPPLY

- |                           |                                  |
|---------------------------|----------------------------------|
| 1 pc HDT 8130 or HDT 8131 | 1 pc Crocodile clip              |
| 2 pcs Battery AAA         | 3 pcs Test probes and Test leads |
| 1 pc Instruction manual   | 1 pc Carton packaging            |

### TECHNICAL DATA

Model	8130	8131
Phase	LCD Display L1,L2,L3	3x LED „L1“, „L2“, „L3“
Rotary field Indicator	LCD Display „R“, „L“	2x LED „R“, „L“
Warning Indicator	LCD	1x LED
Phase to Phase Voltage Range	40...700V	100...700V
Max. Input Voltage per Phase (Lx) to neutral (N)	400V	400V
Frequency	15...400 Hz	50...60 Hz
Operating Time	permanent	permanent
Duration time	≤ 3,5 mA	≤ 3,5 mA
Overvoltage Category	CAT IV, max. 600V against ground	CAT IV, max. 600V against ground
Pollution degree	2	2
Temperature Range	0...40°C	0...40°C
Altitudes above SL	≤ 2000m	≤ 2000m
Protection degree	IP 40	IP 40
In compliance with	IEC/EN 61010-1, IEC/EN 61557-7, IEC/EN 611010-031	IEC/EN 61010-1, IEC/EN 61557-7, IEC/EN 611010-031
Dimension (approx.)	93 x 75 x 31 mm	93 x 75 x 31 mm
Weight (approx.)	115g (without cable)	115g (without cable)