

HRI-R24

MEDICAL INSULATION MONITORING DEVICES FOR SCIALITIC LAMPS



General Characteristics



HRI-R24 tests the insulation to earth of 24 VAC/DC circuits dedicated to scialitic lamps supply.

Scialitic lamps insulation is to be monitored in order to prevent detaching from conductors when being moved.

The conductors, by contact with the metal structure of the lamp, may transfer a potential of over 250 V, resulting in damage to equipment and people.

HRI-R24 measures the variation in potential of the two network polarities with reference to earth in order to signal when insulation drops below a set value, through the frontal potentiometer, identifying.

The output signal can be connected to PR-5 remote signalling panel. The frontal panel of the device carries test and reset pushbutton, status indicator and TRIP LED for low insulation signalling.

Features

TESTS THE INSULATION TO EARTH OF 24 VAC/DC
CIRCUITS DEDICATED TO SCIALITIC LAMPS SUPPLY

FLEXIBILITY: PROGRAMMABLE ALARM THRESHOLD

COMPACT SIZE: FITS INTO JUST 3 MODULE

PRACTICALITY: EXTREMELY EASY TO INSTALL AND USE

INTEGRATION: IDEAL COMPLEMENT FOR HRI-R4

Technical characteristics

Network voltage and auxiliary supply	24 V AC/DC
Frequency	50-60 Hz
Maximum self-consumption	3 VA
Maximum measurement current	0,5 mA
Internal impedance	50 k Ω
Intervention threshold	10 \div 50 k Ω 4 levels
Intervention delay	1 s
Signals	LED ON, LED TRIP
Output	maximum 24 V 1 A
Remote signalling panels	maximum 2 PR-5

Operating temperature	-10 \div 60 °C
Storage temperature	-20 \div 70 °C
Relative humidity	\leq 95%
Insulation test	2,5 kV 60 s / 4 kV imp. 1,2/50 μ s
Terminal blocks section	4 mm ²
Degree of protection	front IP40 with cover / IP20 case
Modules	3
Weight	200 g
Reference standards	EN 61010-1; IEC EN 60364-7-710; EN 61326-1

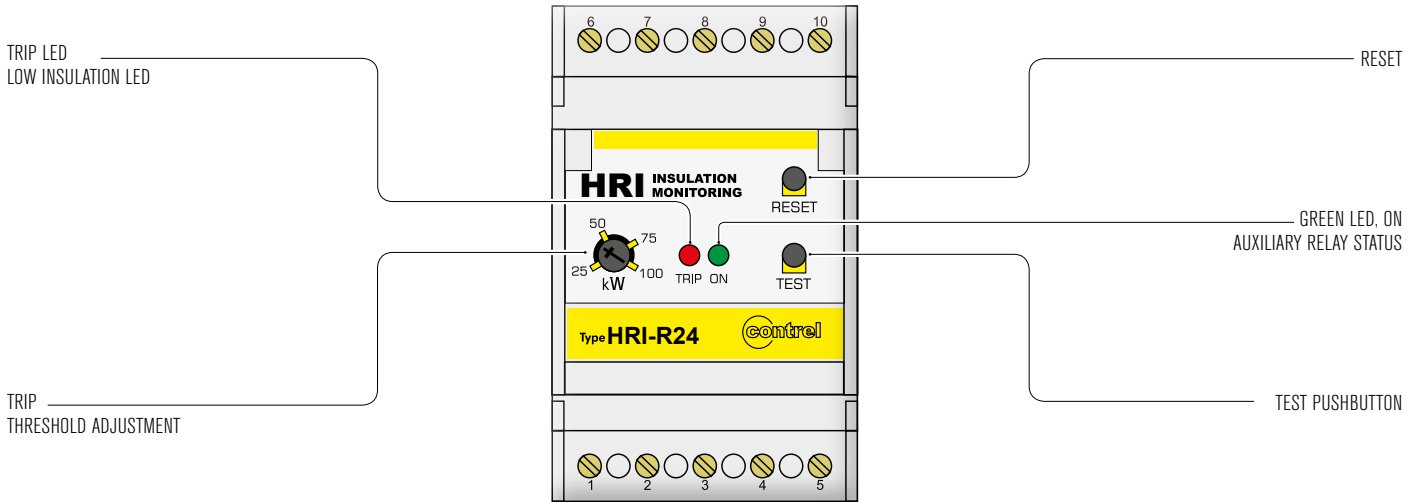
ORDER CODE	VERSION	Vaux	CONTROLLED NETWORK VOLTAGE	MODULES
HRI-R24	TRIP threshold adjustment, TEST pushbutton	24 VAC/DC	24 VAC/DC	3

HRI-R24

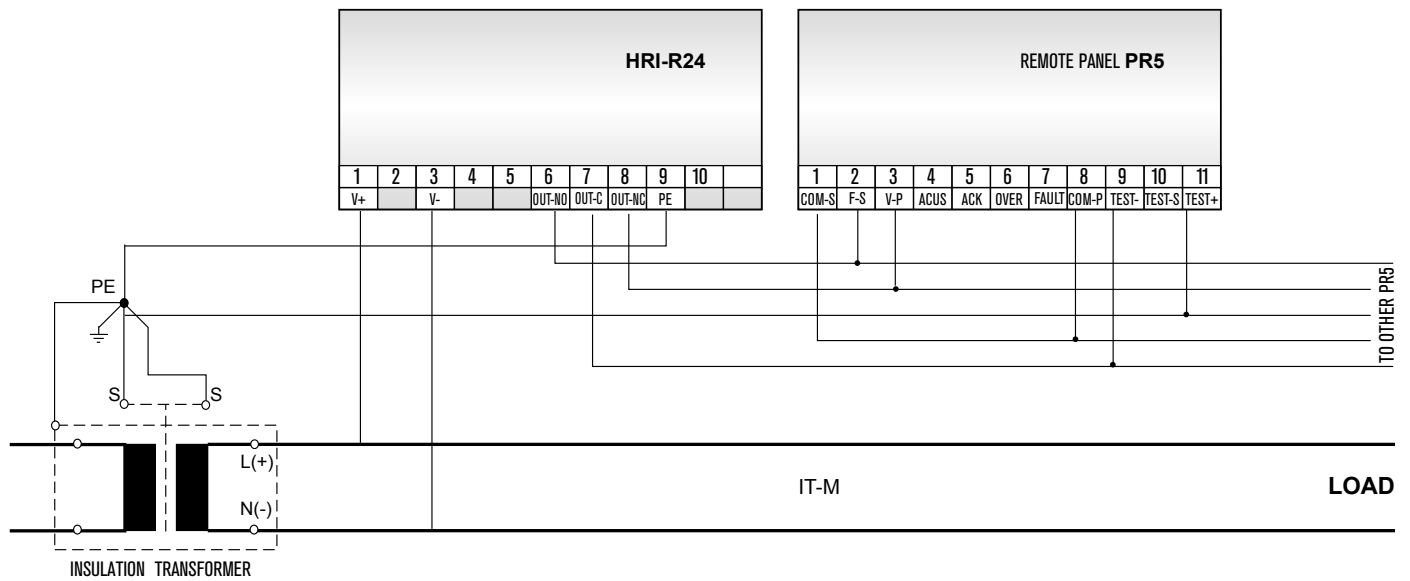
MEDICAL INSULATION MONITORING DEVICES FOR SCIALITIC LAMPS



Frontal operators functioning



Wiring diagrams



Mechanical dimensions (mm)

