



General characteristics

Description			Insulation monitoring relay		
Type of system			AC IT systems		
Auxiliary supply					
Rated auxiliary supply voltage U_s					
AC			min	VAC	220
			Max	VAC	240
Auxiliary operating voltage			max	U_s	1.1
			min	U_s	0.85
Power consumption					
AC (Max)				VA	3
Power dissipation					
AC (Max)				W	1.5
Voltage inputs					
Frequency range				Hz	50/60
Relay outputs					
Number of relays				Nr.	1
Relay state			Normally energised, de-energises at tripping		
Contact arrangement			1 changeover contact SPDT each		
Rated operational voltage AC (IEC)				VAC	250
Maximum switching voltage				VAC	250
IEC Conventional free air thermal current $I_{th} \leq 40^{\circ}\text{C}$				A	5
Electrical life (with rated load)				cycles	300000
Mechanical life				cycles	50000000
Indications					
Indication			1 green LED for power on/inhibition 1 red LED for tripping		
Connections					
Terminals type			Screw		
Tightening torque for terminals			max	Nm	0.5
			max	lbin	4.5
Conductor cross section					

AWG/Kcmil

min	AWG	24
Max	AWG	12

IEC

min	mm ²	0.2
Max	mm ²	2.5

Insulations

Rated insulation voltage Ui	V	600
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Rated impulse withstand voltage Uimp	kV	4
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Operating frequency withstand voltage	kV	2.5
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Ambient conditions

Temperature

Operating temperature

min	°C	-10
max	°C	+60

Storage temperature

min	°C	-20
max	°C	+70

Housing

Execution (n° of modules)	3
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Material	Self-extinguishing polycarbonate
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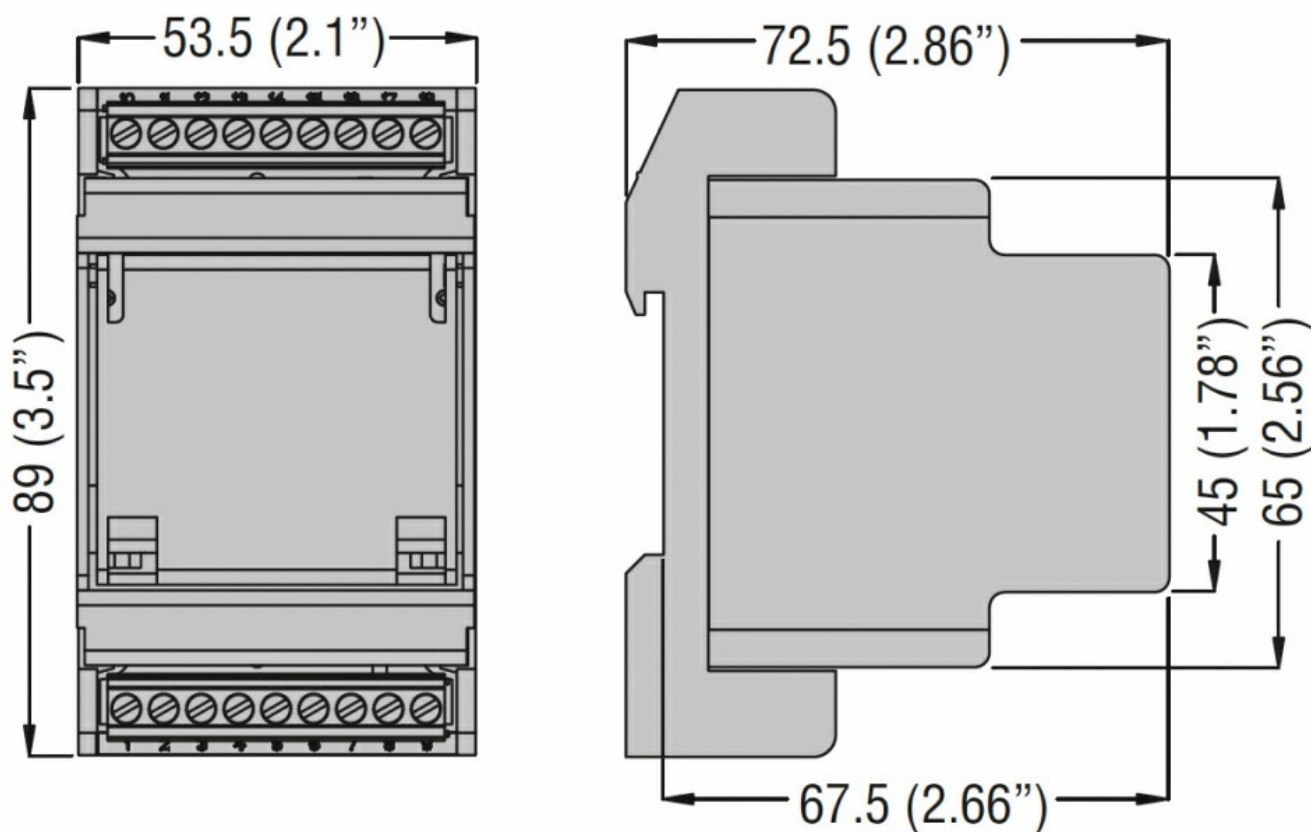
Mounting	Modular DIN 43880 housing
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IEC degree of protection	IP40 on front; IP20 on the terminals
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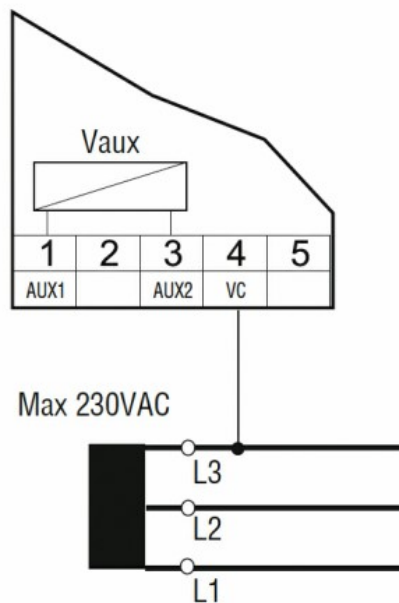
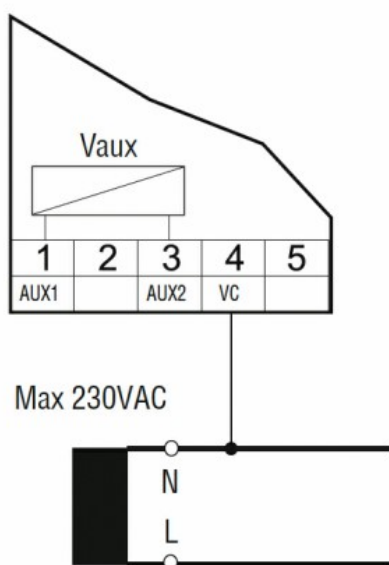
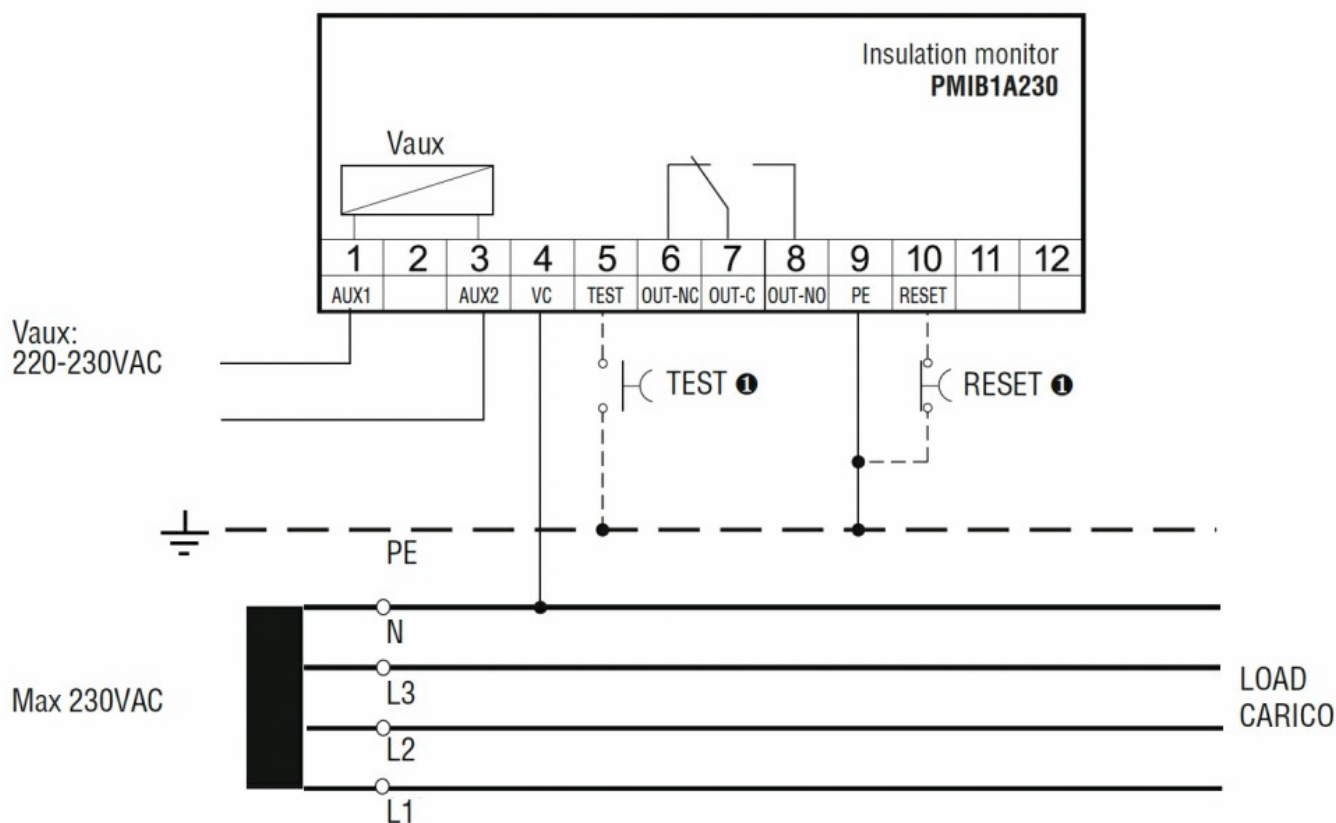
Dimensions (W x H x D)	mm	53.5x89x72.5
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Weight	g	200
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Dimensions



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN/BS 61010-1

IEC/EN/BS 61326-1

IEC/EN/BS 61557-8