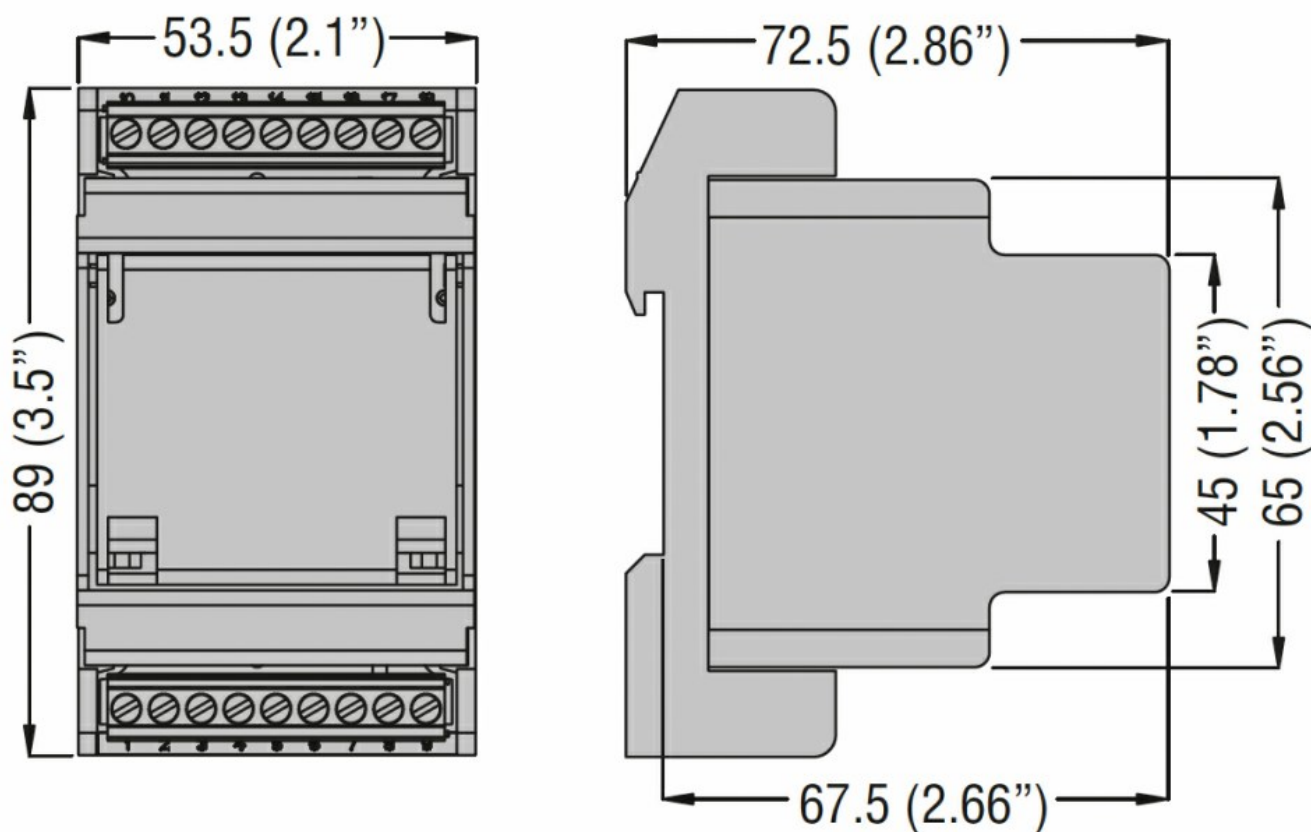


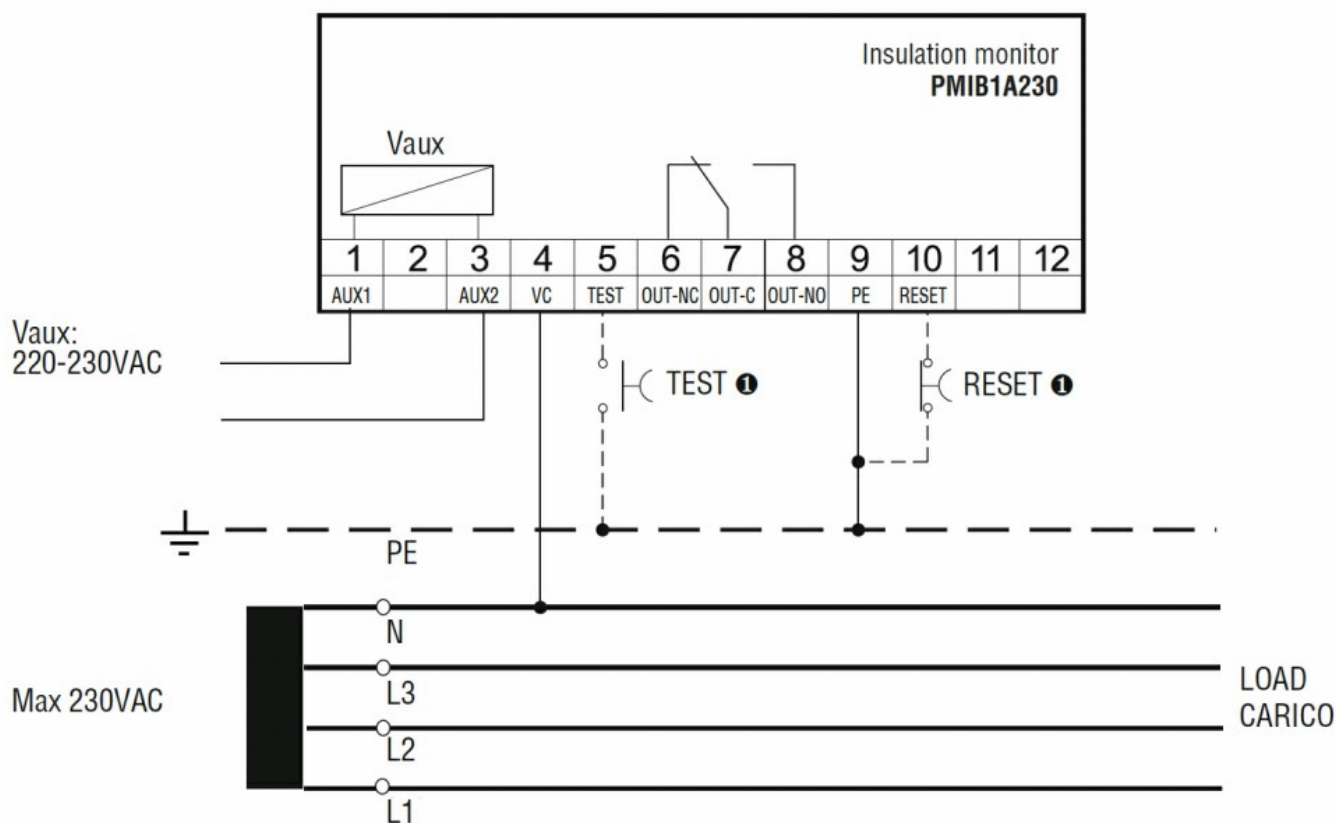
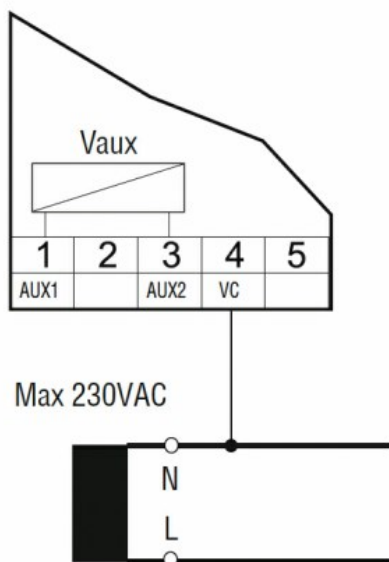
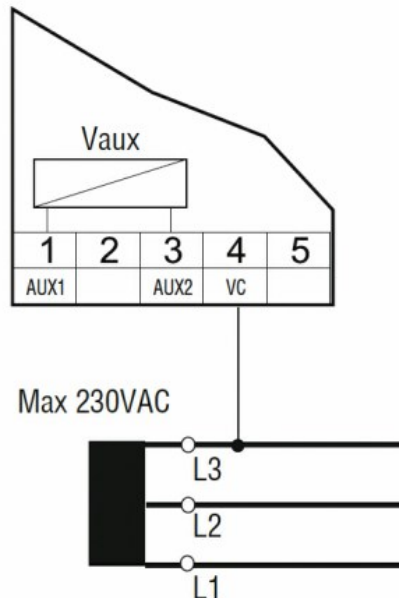


Product designation			Insulation monitoring relay	
Product type designation			PMI	
General characteristics				
Description			Insulation monitoring relay	
Type of system			AC IT systems	
Auxiliary supply				
Rated auxiliary supply voltage U_s				
AC			min	VAC 220
			Max	VAC 240
Auxiliary operating voltage			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	I _{bin}	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 U _i		V	600
	Rated impulse withstand voltage U _{imp}		kV	4
	Operating frequency withstand voltage		kV	2.5
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
	Material			Self-extinguishing polycarbonate
	Mounting			Modular DIN 43880 housing
	IEC degree of protection			IP40 on front; IP20 on the terminals
	Dimensions (W x H x D)		mm	53.5x89x72.5
	Weight		g	200
Dimensions				



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN/BS 61010-1

IEC/EN/BS 61326-1

IEC/EN/BS 61557-8