

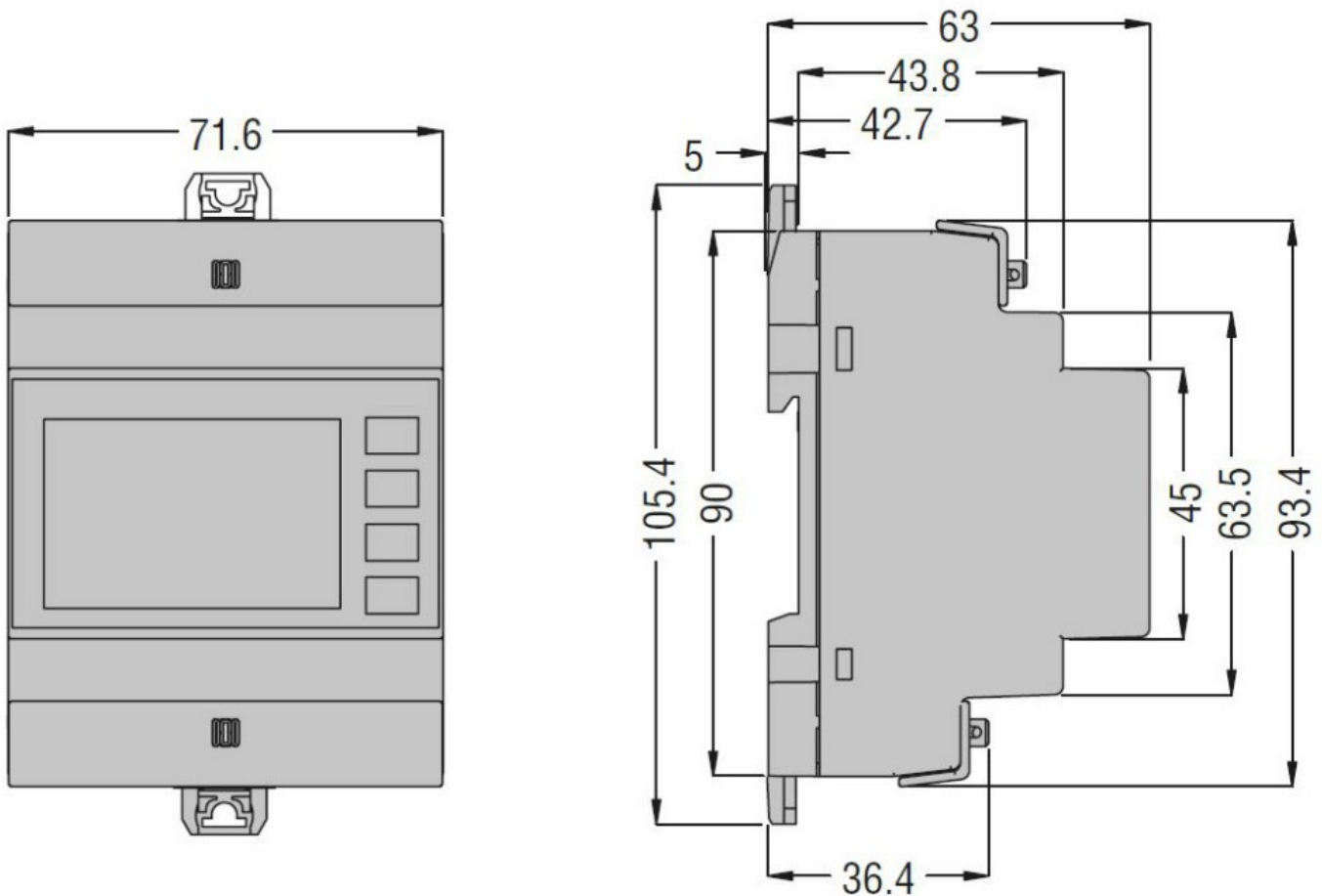


General characteristics			
Description	Insulation monitoring device for DC EVCS		
Type of system	IT		
Power supply			
Auxiliary supply voltage U_s	12...24VDC		
Operating voltage range	9.6...28.8VDC		
Power dissipation Max	W	2.5	
Control circuit			
External input	1		
Auxiliary supply			
Rated auxiliary supply voltage U_s			
DC	min	VDC	9.6
	Max	VDC	28.8
Power consumption			
DC (Max)	W	2.5	
Voltage inputs			
Maximum rated operational voltage	1000VDC		
Measurement range	V	150...1200VDC	
Digital inputs			
Number and type of inputs	1 digital input		
Power outputs			
Voltage	60VDC (max)		
Functions			
Modular version	Yes		
Connections			
Tightening torque for terminals	max	Nm	0.8
	max	lbin	7
Conductor cross section			
AWG/Kcmil	min	AWG	24
	Max	AWG	12
IEC	min	mm ²	0.2
	Max	mm ²	4
Insulations			
Rated impulse withstand voltage U_{imp}	kV	12.8	
Ambient conditions			
Temperature	Operating temperature		
	min	°C	-40

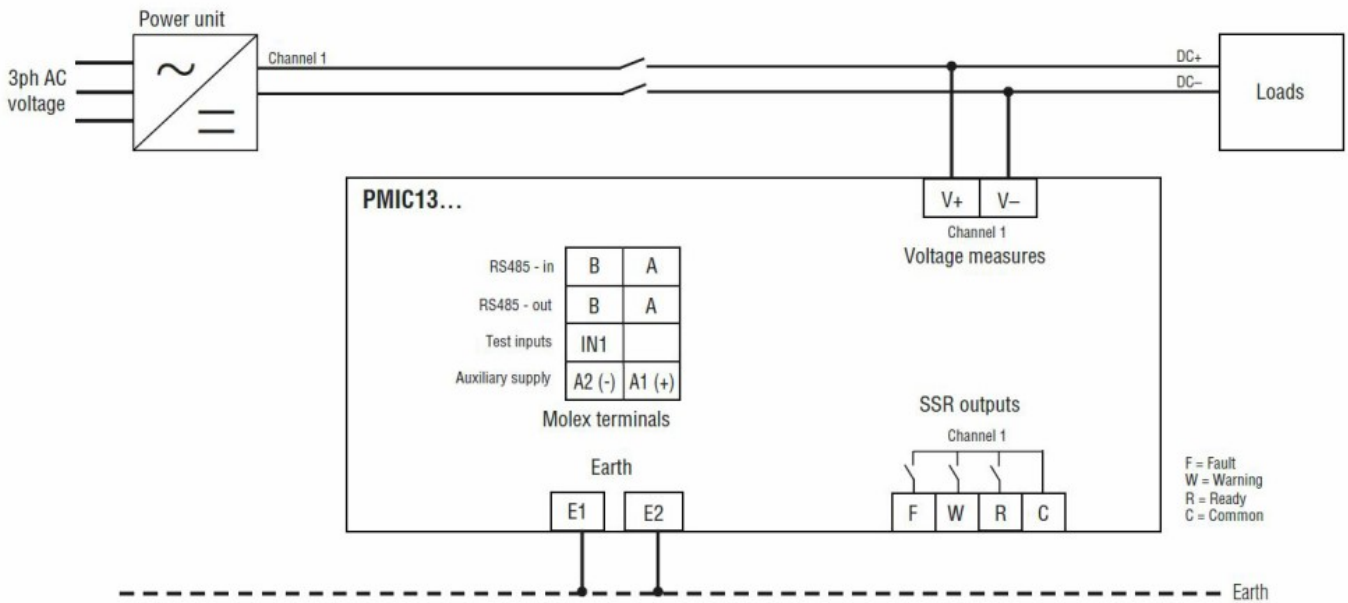
INSULATION MONITORING DEVICE FOR DC ELECTRIC VEHICLE CHARGING STATIONS.
SINGLE CHANNEL, WITHOUT DISPLAY, WITH NFC AND BUILT-IN RS485 PORT. MAXIMUM
MONITORED VOLTAGE 1200VDC, AUXILIARY SUPPLY VOLTAGE 12-24VDC

	max	°C	+70
Storage temperature	min	°C	-40
	max	°C	+80
Relative humidity		%	<80%
Maximum Pollution degree			2
Overvoltage category			II
Housing			
Execution (n° of modules)			4
Material			Xantar
Mounting			Screw or DIN rail
IEC degree of protection			IP40 front, IP20 terminals
Dimensions (W x H x D)	mm		71.6x90x63
Weight	g		165

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

- CSA 22.2 No
- CSA C22.2 No 61010-1
- IEC 61851-23
- IEC/EN 61010-1
- IEC/EN 61010-2-030
- IEC/EN 61326-2-4
- IEC/EN 61557-1
- IEC/EN 61557-18 (draft)
- IEC/EN 61557-8
- UL61010-1
- UL61010-2-030

Certificates

- CE
- UKCA

ETIM classification

ETIM 8.0

EC002844 -
Energy data
gateway