

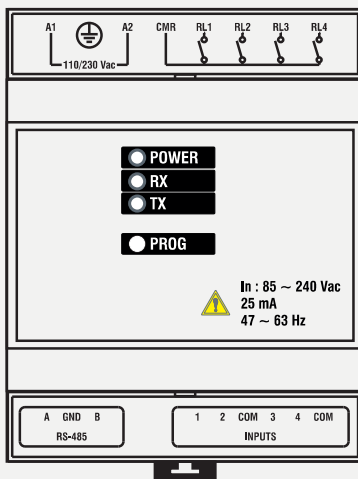
Key features

- ✓ More inputs. More outputs. More power.
- ✓ Perfect for gas or water consumption monitoring and remote control
- ✓ Digital inputs either to pulse counting or to open / close any contact
- ✓ RS-485 Modbus RTU communications for remote management



Description

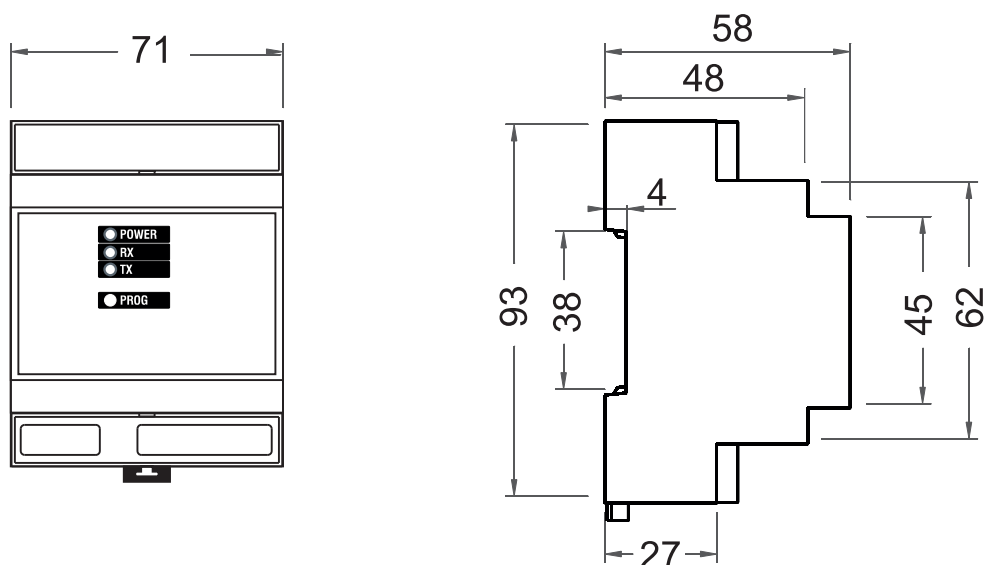
An impulse centralizer equipped with 4 digital optocoupled inputs and 4 relay outputs. Digital inputs are associated to four memory registers for pulses counting. For digital outputs, the duration of the pulse can be programmed on the device.



Leds

Led	Name	Description
POWER	Power supply	Activity in case of powering the device
RX	Data reception	Activity in case of RS-485 data reception
TX	Data transmission	Activity in case of RS-485 data transmission

Dimensions



Technical characteristics

Category	Parameter	Value
Power circuit	Input voltage	85 ... 265 Vac / 120 ... 374 Vdc
	Frequency	47 ... 63 Hz
	Maximum consumption	4,6 VA ac / 2,5 VA dc
Environmental conditions	Temperature range	-10°C ... +50°C
	Humidity range	5 ... 95 %
Mechanical characteristics	Enclosure material and protection	Plastic UL94 V0 Self-extinguishable - IP 20
	Unit dimensions (Width x Height x Length)	93 x 71 x 58 mm
	Weight	180 g
	Mounting	DIN Rail (4 modules)
	Maximum working altitude	2000 m
Serial interface	Type	RS-485 three wires
	Baud rate	9600 / 19200 bps configurable
	Data bits / Parity / Stop bits	8 / Without parity / 1
Characteristics and electrical security	Security	CAT III 300 V under EN 61010
	Electric shock protection	Double insulation class II
Digital inputs characteristics	Type	Opto-insulated voltage free (dry contact)
	Maximum activation current	50 mA
Digital outputs characteristics	Type	Relay
	Nominal voltage	250 Vac
	Electrical endurance	3·10 ⁴ operations
	Nominal current	
	With resistive load	250 Vac / 5 A ac
With inductive load (A.C.)	250 Vac / 2 A ac	
With inductive load (D.C.)	24 V dc / 5 A dc	
Standards	Standards	IEC 60664, VDE 0110, UL 94, EN61010-1, EN55011, EN 61000-4-2, EN 61000-4-3, 61000-4-11, EN 61000-6-4, EN 61000-6-2, EN 61000-6-1, EN 61000-6-3, EN 61000-4-5, CE