

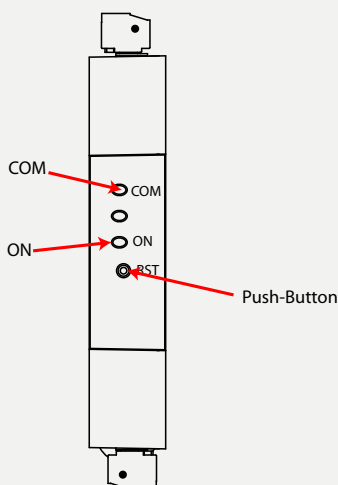
## Key features

- ✓ Ideal for submetering applications of energy costs distribution and savings
- ✓ Super compact dimensions
- ✓ Operating time counting to manage with precision how long an asset works
- ✓ 4 quadrants energy metering

## Description

Single-phase 4 quadrants energy meter that allows to monitor electrical parameters of your installation including energy, voltage, current, power and more.

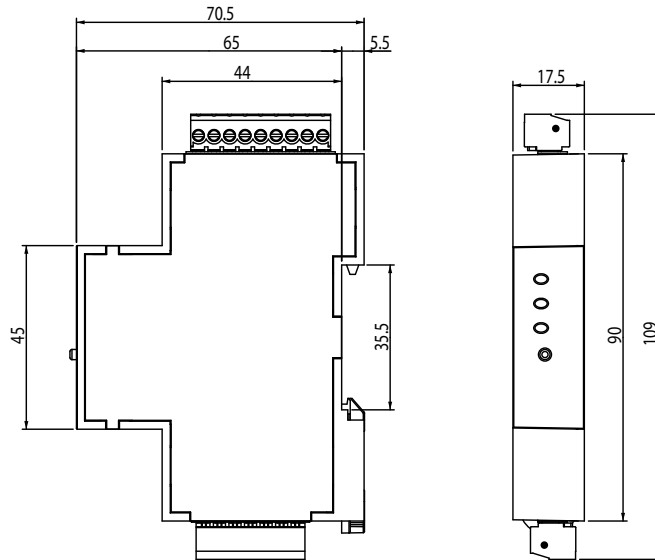
SEM One can be easily placed at any installation cause of its compact dimensions.



## Leds

Led	Name	Description
ON	Power supply	Activity: Fixed green
COM	RS-485	Data transmission: Red rapid blinking Data reception: Green rapid blinking

## Dimensions



## Technical characteristics

Category	Parameter	Value
Power circuit	Input voltage	110 .... 264 Vac
	Frequency	47 ... 63 Hz
	Maximum consumption	2,5 .... 4,5 VA
Environmental conditions	Temperature range	-10 ... 60 °C
	Humidity range	5 ... 95 %
Mechanical characteristics	Enclosure material	Plastic UL94 – V0 Self-extinguishable
	Protection grade	IP 30
	Unit dimensions (Width x Height x Length)	18 x 70 x 109 mm
	Weight	70 g
	Mounting	DIN Rail (1 module)
	Connectors	Plug-in terminals. Maximum cable section 1.5 mm <sup>2</sup>
	Maximum working altitude	2000 m
Serial interface	Type	RS-485 three wires
	Baud rate	9600 / 19200 / 38400 / 57600 / 115200 bps configurable
	Data bits	8
	Parity	Without parity / Even configurable
	Stop bits	1 / 2 configurable
Characteristics and electrical security	Security	CAT III 300 V under EN 61010
	Protection class	Class II
	External current transformers	Series TRC and TRA (In / 0,250 A)
Standards	Standards	UNE EN 61010-1:2010, UNE-EN 61000-6-2, UNE-EN 61000-6-4