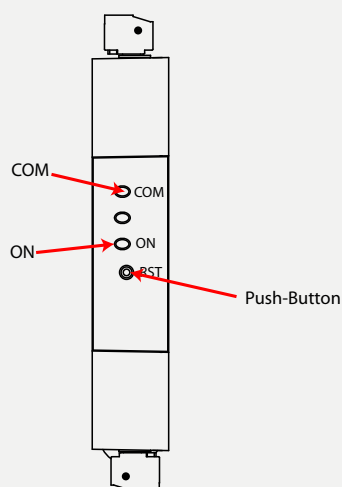
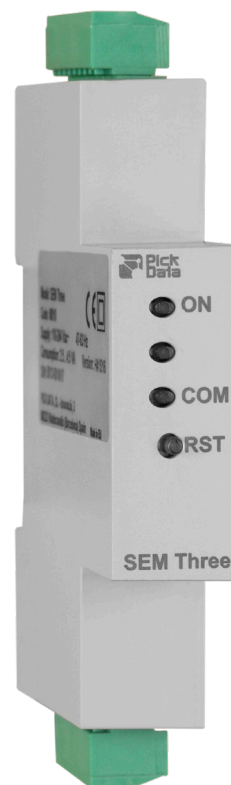


Key features

- ✓ World's smallest three-phase modular meter
- ✓ Configure it as three single-phase meter, one three-phase or three balanced three-phase
- ✓ Operating time counting to manage with precision how long an asset works
- ✓ 4 quadrants energy metering

Description

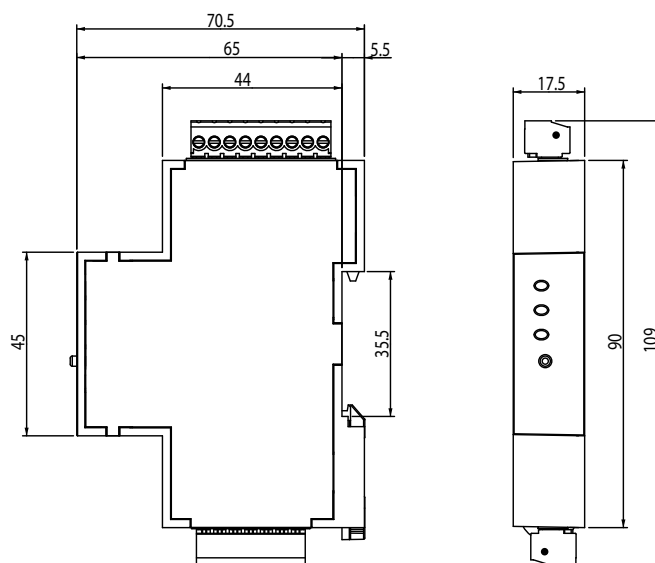
SEM Three is a three-phase 4 quadrants energy meter that monitors active, reactive and apparent energy; active, reactive and apparent power; voltage, current, frequency, cos phi and more. Including single and three phase parameters. It works as a three-phase analyzer or a triple single-phase analyzer. Super compact dimensions; only one DIN rail module.



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	IP30
	Unit dimensions (Width x Height x Length)	18 x 70 x 109 mm
	Weight	70 g
	Mounting	DIN Rail (1 module)
	Maximum working altitude	2000 m
Serial interface	Type	RS-485 three wires
	Baud rate	9600 / 19200 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	Standard	UNE EN 61010-1:2010, UNE-EN 61000-6-2, UNE-EN 61000-6-4