



DIN Rail

Energy Meter

Teco-10

MODBUS
INTERFACE

ENERGY
ACCURACY 0.5S

PULSE OUTPUT

Teco-10

DIN Rail Energy Meter

GENERAL

DIN rail energy meter Teco-10 enables direct access current of 100A, and has energy pulse and RS485 communication interface. It saves space in cabinet and can be applied in many electrical automation systems.

FUNCTION

Accuracy grade:
0.5S accuracy for active energy

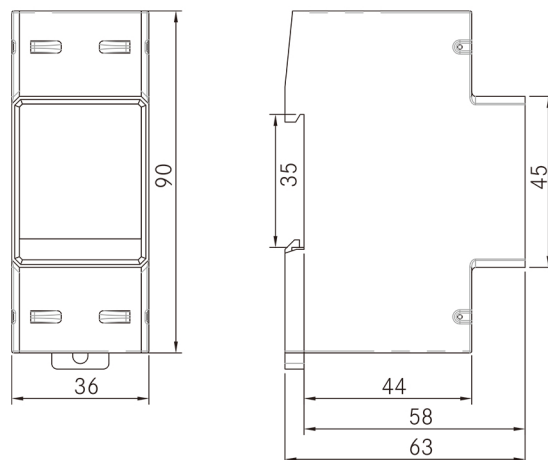
Range:
voltage: AC 230V,
current: direct input 5 (100) A

Measurement:
Voltage, current, active power, power factor, frequency

Pulse output:
1 active energy pulse output

Communication:
RS485 communication interface, support Modbus-RTU protocol

Wiring:
Bottom in bottom out



DIMENSION

TECHNICAL SPECIFICATION

Electrical feature	
Accuracy	Voltage, current: 0.5 Class; Active energy: 1 Class or 0.5S class
Rated voltage	230V
Input current	Direct input 5(100)A
Frequency	50/60 Hz
Wiring mode	Single phase
Voltage range	0.8Un ~ 1.2Un
Consumption	voltage circuit consumption < 5VA
	current circuit consumption < 2VA
Energy pulse	One optoelectronic isolation output, pulse width (80±20%) ms
Communication feature	
RS485 port	Modbus-RTU protocol, baud rate up to 9600bps
Environment feature	
Work temperature	(-10~55)°C
Storage temperature	(-25~70)°C
Relative humidity	(5~95)% (no condensation)