

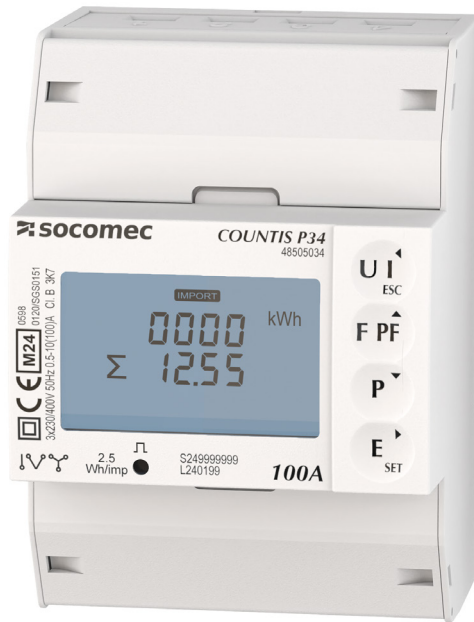
48505034

Socomec Countis P34 Three Phase Direct Connect Energy Meter 100A RS485 Pulse 4 DIN



ENERGY METERS

socomec
Innovative Power Solutions



Component type	Kilowatt-hour meter
Range	Countis P
Model	N/A
Product status	Existing

The Socomec Countis P energy meter range delivers versatile and compact solutions, from direct-connect single-phase models to high-accuracy three-phase CT-connected meters. All models support bidirectional energy monitoring and Modbus RS485 communication, making them ideal for applications such as onsite renewables and EV charger monitoring.

ELECTRICAL

Pole type	Three conductor/four conductor
Nominal current (In)	100 A
Max. current (Imax)	100 A
Nominal voltage (Un) N-L	230-230 V
Nominal voltage (Un) L-L	400-400 V
Frequency	50-60 Hz
Supply voltage	184-276 V
Type of electric connection	Screw connection
Accuracy class	B
Tariff type	Multi-tariff
Tariff control	External
Measurement type load profile	No
Calibrated	Yes
Power consumption	3 W
Energy type	Effective power and blind power

COMMUNICATION

Type of interface	Modbus
Pulse output	Optic
Pulse type	S0
With lock code	Yes

CONSTRUCTION

Model	Direct measurement
Type of meter	Electronic
Suitable for	Purchase/supply
Type of indication	Digital
Mounting method	DRA (DIN-rail adapter)
Degree of protection (IP), front side	IP51
EEC40 signature	No

48505034

Socomec Countis P34 Three Phase Direct Connect Energy
Meter 100A RS485 Pulse 4 DIN



ENERGY METERS

socomec
Innovative Power Solutions

CONSTRUCTION	IP rating	IP20
MECHANICAL	Escapement mechanism	No
DIMENSIONS	Width	72 mm
	Depth	66 mm
	Height	100 mm
	Width in number of modular spacings	4
ENVIRONMENT	Operating temperature	-40...70 °C
CERTIFICATES/APPROVALS	Approval	Measuring Instruments Directive

48505034

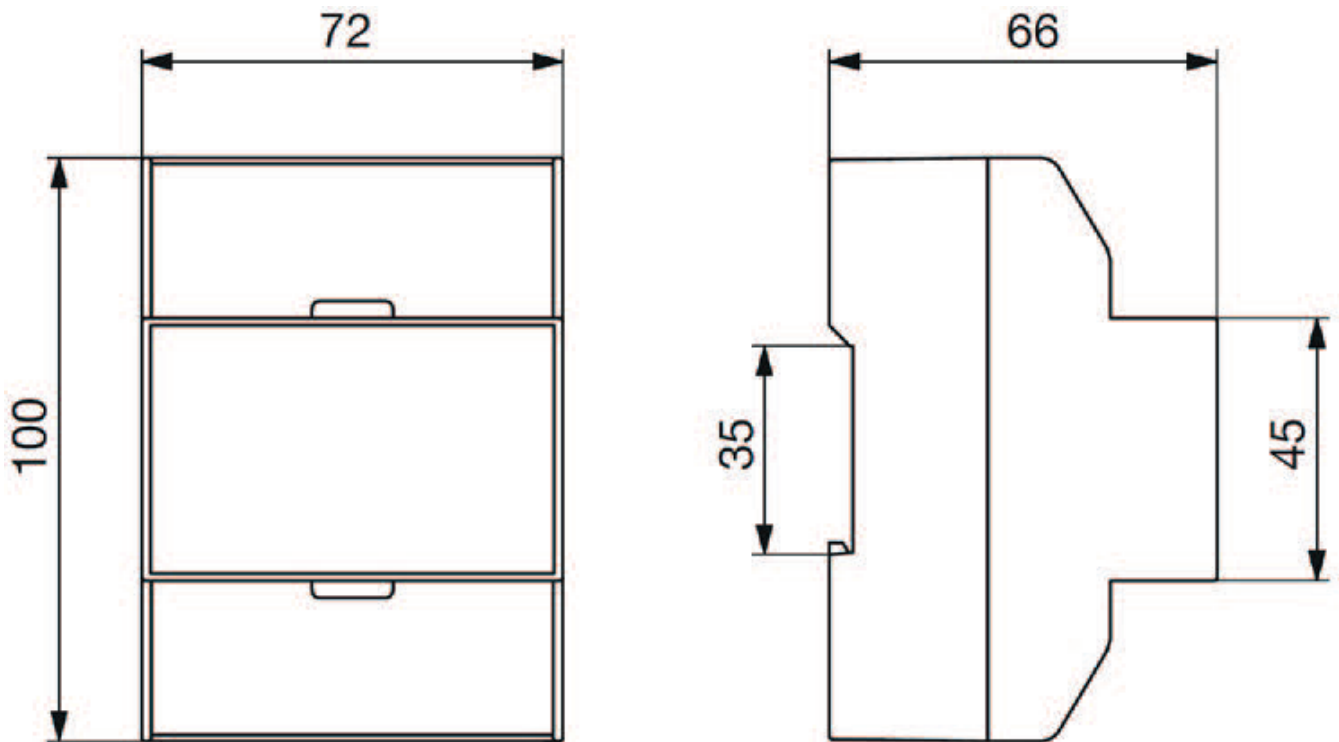
Socomec Countis P34 Three Phase Direct Connect Energy
Meter 100A RS485 Pulse 4 DIN



ENERGY METERS

socomec
Innovative Power Solutions

DIMENSIONAL DIAGRAM



(mm)

48505034

Socomec Countis P34 Three Phase Direct Connect Energy
Meter 100A RS485 Pulse 4 DIN

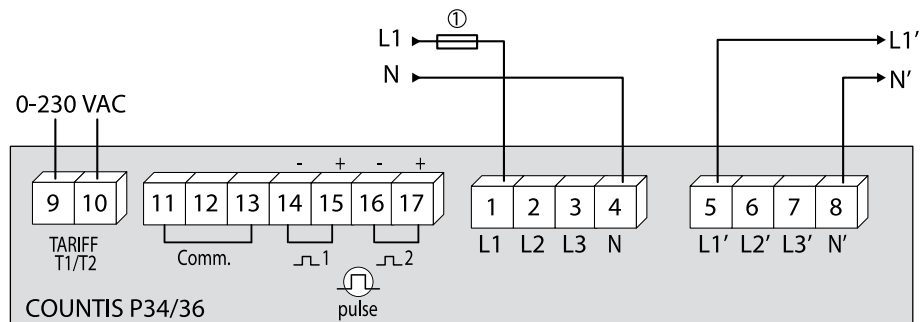


ENERGY METERS

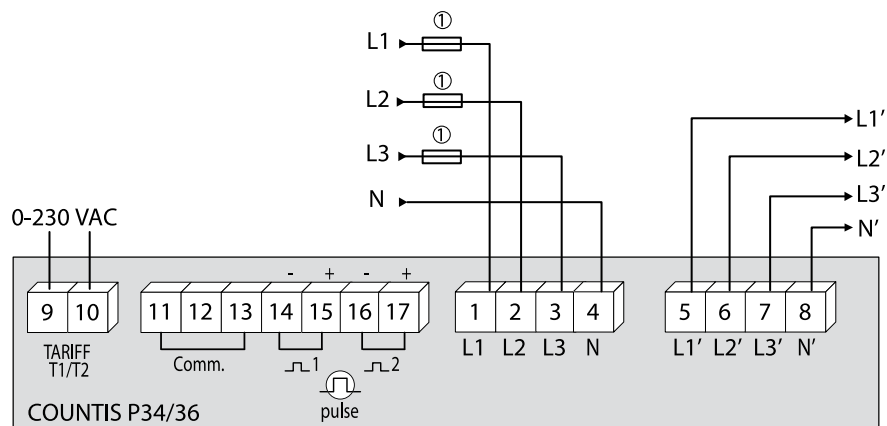
socomec
Innovative Power Solutions

ELECTRICAL CONNECTION DIAGRAM

Single-phase 2-wire (1P+N)



Three-phase 4-wire (3P+N)



1. 100 A gG / 100 A class CC fuses.

