

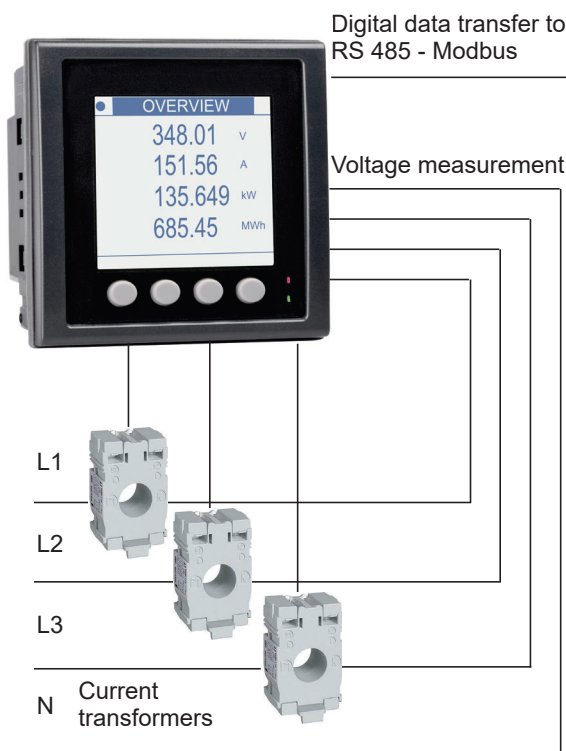


CS PM 5110 - Current/effective power meters for panel mounting

Measures voltage, current and calculates:

Effective power [kW]
Apparent power [kVA]
Reactive power [kVar]
Active energy [kWh]
cos phi

All measured data are transmitted digitally (Modbus) to the DS 500 and can be recorded there.



DESCRIPTION

CS PM5110 Current/effective power meters for panel mounting, with RS485 interface

Install-construction for the CS PM5110, on top hat rail

Current transformer 100/5 A connectable to current/effective power meter for panel mounting (for cables up to Ø 21 mm)

Current transformer 200/5 A connectable to current/effective power meter for panel mounting (for cables up to Ø 21 mm)

Current transformer 300/5 A connectable to current/effective power meter for panel mounting (for cables up to Ø 22 mm)

Current transformer 500/5 A connectable to current/effective power meter for panel mounting (for cables up to Ø 22 mm)

Current transformer 600/5 A connectable to current/effective power meter for panel mounting (for cables up to Ø 22 mm)

Current transformer 1000/5 A connectable to current/effective power meter for panel mounting (for current bar up to 65 x 32 mm)

Current transformer 2000/5 A connectable to current/effective power meter for panel mounting (for current bar up to 127 x 38 mm)

Connection cable for probes 5 m, with open ends

Connection cable for probes 10 m, with open ends

ORDER NO.

0554 5357

0554 5356

0554 5344

0554 5345

0554 5346

0554 5347

0554 5348

0554 5349

0554 5350

0553 0108

0553 0109

TECHNICAL DATA PM5110

Parameters:

Voltage (Volt)
Current (Ampere)
Cos phi
Effective power (kW)
Apparent power (kVA)
Reactive power (kVar)
Active energy (kWh)
Power frequency (Hz)
All parameters are transferred digitally to DS 500/DS 400.

Accuracy current measurement:

± 0.5% from 1 to 6 A

Accuracy voltage:

± 0.5% from 50 V to 277 V

Accuracy active energy:

IEC 62053-21 Class 1

Interfaces:

RS 485 (Modbus protocol)

Measuring range:

Voltage measurement max. 600 VAC

Dimensions:

96 x 96 x 78.5 mm (W x H x D)

Operating temperature:

-10...+55 °C