

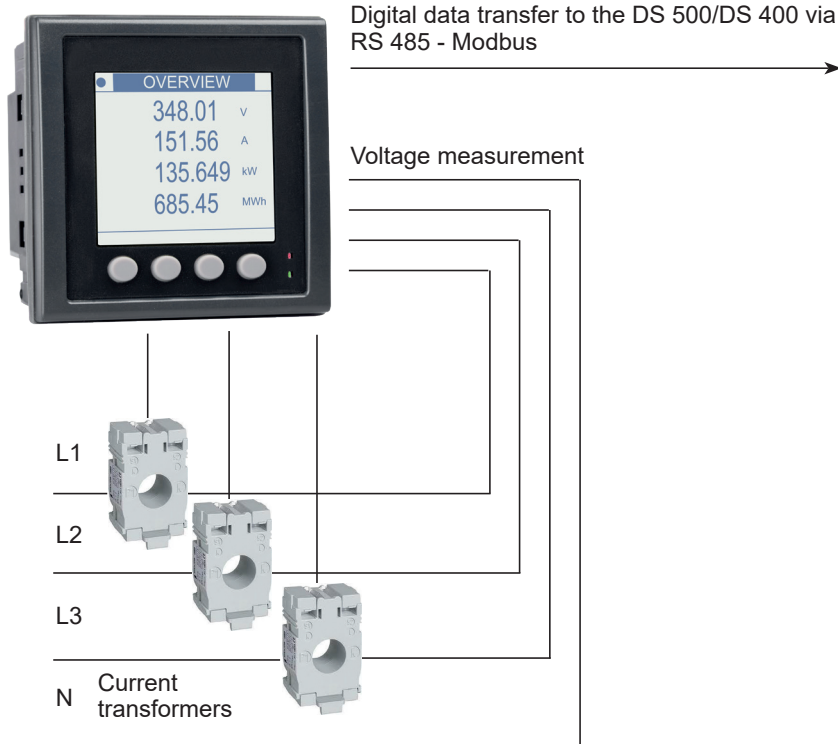


CS PM 5110 - Current/effective power meters for panel mounting

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. 480 V

Dimensions:

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

Operating temperature:

-10...+55 °C