

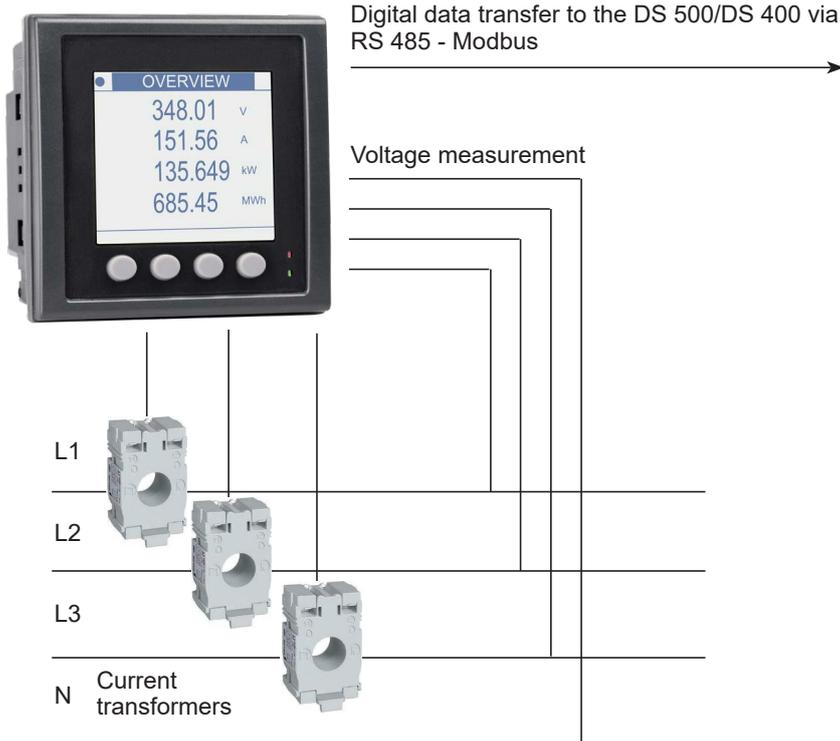


## CS PM5110 - Current/effective power meters for panel mounting

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	ORDER NO.
CS PM5110 Current/effective power meters for panel mounting, with RS485 interface	0554 5357
Install-construction for the CS PM5110, on top hat rail	0554 5356
Current transformer 100/5 A connectable to current/effective power meter for panel mounting (for cables up to Ø 21 mm)	0554 5344
Current transformer 200/5 A connectable to current/effective power meter for panel mounting (for cables up to Ø 21 mm)	0554 5345
Current transformer 300/5 A connectable to current/effective power meter for panel mounting (for cables up to Ø 22 mm)	0554 5346
Current transformer 500/5 A connectable to current/effective power meter for panel mounting (for cables up to Ø 22 mm)	0554 5347
Current transformer 600/5 A connectable to current/effective power meter for panel mounting (for cables up to Ø 22 mm)	0554 5348
Current transformer 1000/5 A connectable to current/effective power meter for panel mounting (for current bar up to 65 x 32 mm)	0554 5349
Current transformer 2000/5 A connectable to current/effective power meter for panel mounting (for current bar up to 127 x 38 mm)	0554 5350
Connection cable for probes 5 m, with open ends	0553 0108
Connection cable for probes 10 m, with open ends	0553 0109

### TECHNICAL DATA PM5110

<b>Parameters:</b>	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.
<b>Accuracy current measurement:</b>	± 0.5% from 1 to 6 A
<b>Accuracy voltage:</b>	± 0.5% from 50 V to 277 V
<b>Accuracy active energy:</b>	IEC 62053-21 Class 1
<b>Interfaces:</b>	RS 485 (Modbus protocol)
<b>Measuring range:</b>	Voltage measurement max. 480 V
<b>Dimensions:</b>	96 x 96 x 78.5 mm (W x H x D)
<b>Operating temperature:</b>	-10...+55 °C