

Technical features

| | | |
|----------------|----------------------------|---|
| Power Supply | | 85...265 V _{ac} / 95...300 V _{dc} |
| Measurement | Voltage | 300 V _{ac,ph-n} / 520 V _{ac,ph-ph} 50...60 Hz |
| | Current | ITF ... /5 A and /1 A MC ... /250 mA |
| | Sampling rate | 64 Samples/cycle |
| Accuracy | V, I, Power | 0,5% (without CT) |
| | Energy | 1% (without CT) |
| Energy measure | Full scale per phase | 1000 MWh |
| | Full scale total | 10000 MWh |
| Communications | Protocol | RS-485 Modbus/RTU (A(+)& B(-)) |
| | Speed (bauds) | 9600, 19200, 38400 |
| | Bit, parity, stop | 8, n, 1 Configurable |
| Outputs | 2 built-in digital outputs | S0 interface Configurable to 1000 impulses by kWh, kVarh, etc. 2 NPN Transistors (24 V _{dc} max, 50 mA, 5 imp/s, Max T _{on} /T _{off} configurable) |
| | 2 built-in relay outputs | Max / Min / NO/NC / Hysteresis / Latch 250 V _{ac} , 6 A |
| Inputs | 2 built-in digital inputs | Tariff selection or external alarms NPN, optoinsulated |
| Security | Protection Degree | Frontal Protection IP 65 |
| | | Class III category / EN 61010 Double-insulated electric shock protection class II |
| Standards | | IEC 61000, IEC 61000-4-3, IEC 610004-11, IEC 61000-4-4, IEC 610004-5 , Measure according to MID , according to UL |

CVM-C10

Compact & versatile Power Analyzer

The new generation of CVM



References

| Type | Code | Current measurement channels | Current input |
|------------------------|--------|------------------------------|---------------|
| CVM-C10-ITF-485-ICT2 | M55911 | 3 | /5 or /1 A |
| CVM-C10-MC-485-ICT2 | M55921 | 3 | /250 mA |
| CVM-C10-ITF-IN-485-IC2 | M55942 | 4 | /5 or /1 A |

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Technology for energy efficiency

CVM-C10

Compact & versatile Power Analyzer (96 x 96 mm)

- ✓ Measure in Single-phase, bi-phase (2-3 wires) and three-phase (3-4 wires) networks
- ✓ 4-Quadrant measurement for consumption and generation in the same measurement point
- ✓ High IP protection (Frontal IP65)
- ✓ Measurements taken with the efficient transformers of **CIRCUTOR'S MC** range or /5 A or /1 A transformers
- ✓ 2 built-in digital outputs (S0 Interface or alarms)
- ✓ 2 built-in digital outputs by relay
- ✓ 2 built-in digital inputs (tariff selection or external alarms)
- ✓ RS-485 Modbus/RTU Communications

New Redesigned interface

- Backlight touch keyboard
- Analog visualizations for instantaneous parameters (Power, MaxPower reach and Cos ϕ or PF)
- Backlight display

