

Technical features

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

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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CVM-C10

Compact & versatile
Power Analyzer

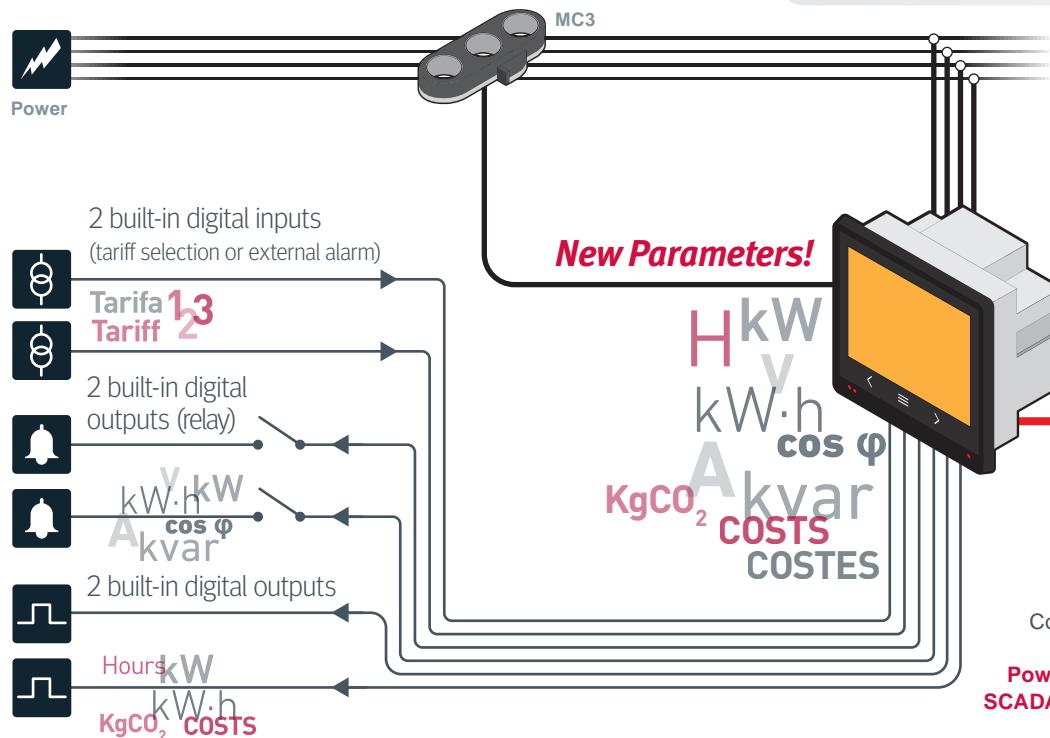
The new generation of CVM



CVM-C10

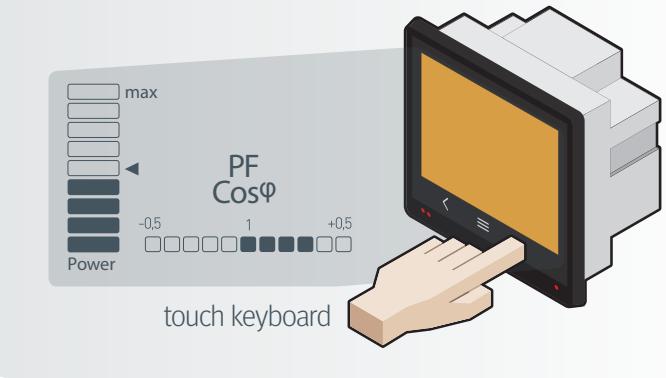
Compact & versatile Power Analyzer (96 x 96 mm)

- ✓ 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 $\text{Cos}\varphi$ or PF)
- Backlight display



Compatible with
PowerStudio
SCADA system

