

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 64
		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

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



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

