

CVM-B100

CVM-B150

Much more than an network analyzer



“Never walk on the travelled path because it only leads to where others have been”

Graham Bell



Accurate, innovative and elegant measurement



Innovative





Innovative

Intuitive



Innovative

Intuitive

Versatile



Innovative

Intuitive

Versatile

Accurate



Innovative

Intuitive

Versatile

Accurate

Customisable

CVM-B100 / CVM-B150



Integral parameter measurement
*V, A, kW, kW·h, hours, kvar, cos φ, **kgCO₂**, **Costs***



Quick display on the screen with the
SCV interface



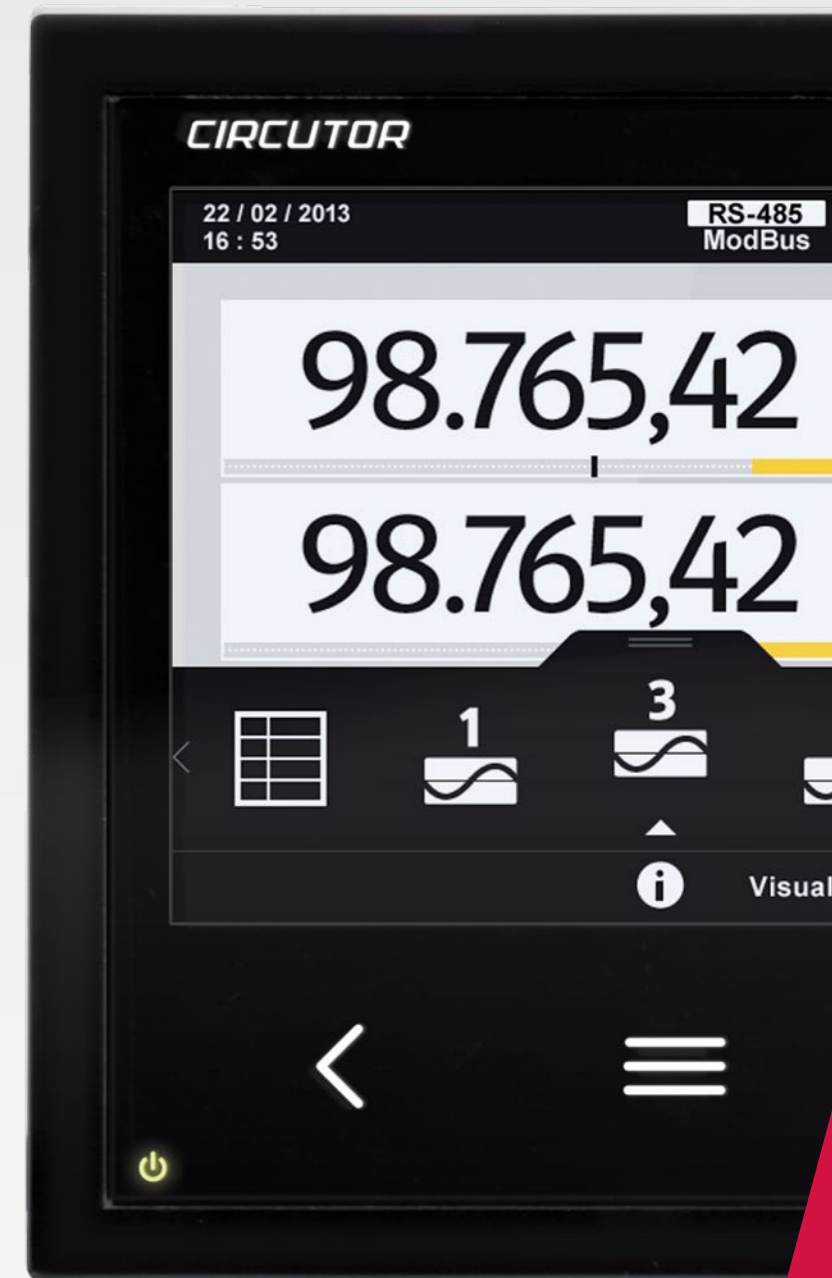
4-quadrant measurement



Neutral current measurement



Modular, expandable



Parameters and variables

kW·h, hours, Cost, kgCO₂

Energy, Hours, Cost and Emissions
per Tariff and total

T1 / T2 / T3

3 Tariffs (digital input selection)
or communications

V, A, W, VA, var, varL, varC, Demand, PF, cosφ

Three-phase instantaneous parameters
and per phase.

Harmonics up to the 50th order

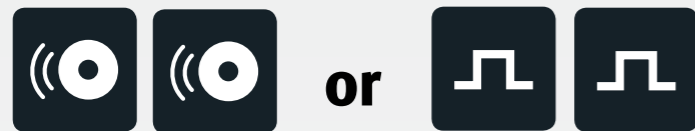


IN / OUT Function

2 digital inputs

Selection of one of two tariffs, in accordance with the input's status

2 digital outputs TR



2 digital relay outputs



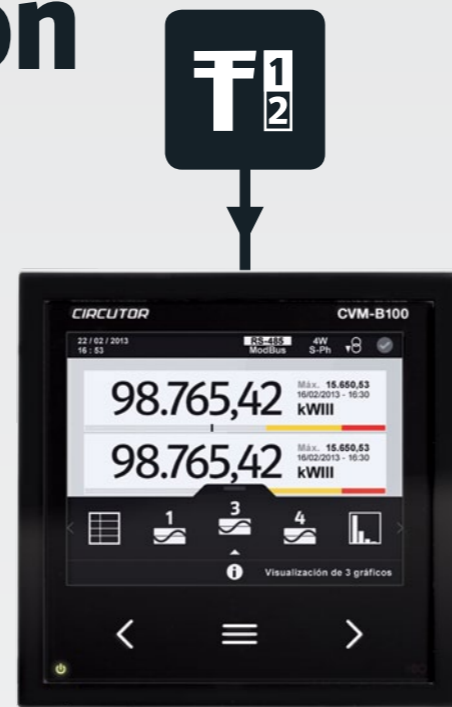
Instantaneous value alarm

Configuration of a minimum and maximum value, hysteresis in %, ON & OFF delay, N/O or N/C and LATCH



Impulses for incremental values

Configuration of the weight and ON time of the impulse



4 expansion modules

Combinable modules



8 I / 80 R



8 I / 80 TR



4 AI / 8 AO



RCM



LonWorks



Modbus TCP



Datalogger (PowerStudio)

Screen display



1. Quick and clear display on a high quality and colour screen
2. Screen with SCV interface (Slide, Choose & View)
3. Capacitive keyboard (high IP65 front panel protection)

Industrial Sector

Customisable display of the parameters on the screen

SCV Interface, quick display of the parameters on the screen

The system can be integrated with other process control devices (digital and analogue signals)



Tertiary Sector

Customisable display of parameters, in accordance with configurable ratios

It displays and calculates costs and CO₂ emissions on the screen and reports them with a communications system

It can be integrated with remote management systems (XML, WEB, SNMP)

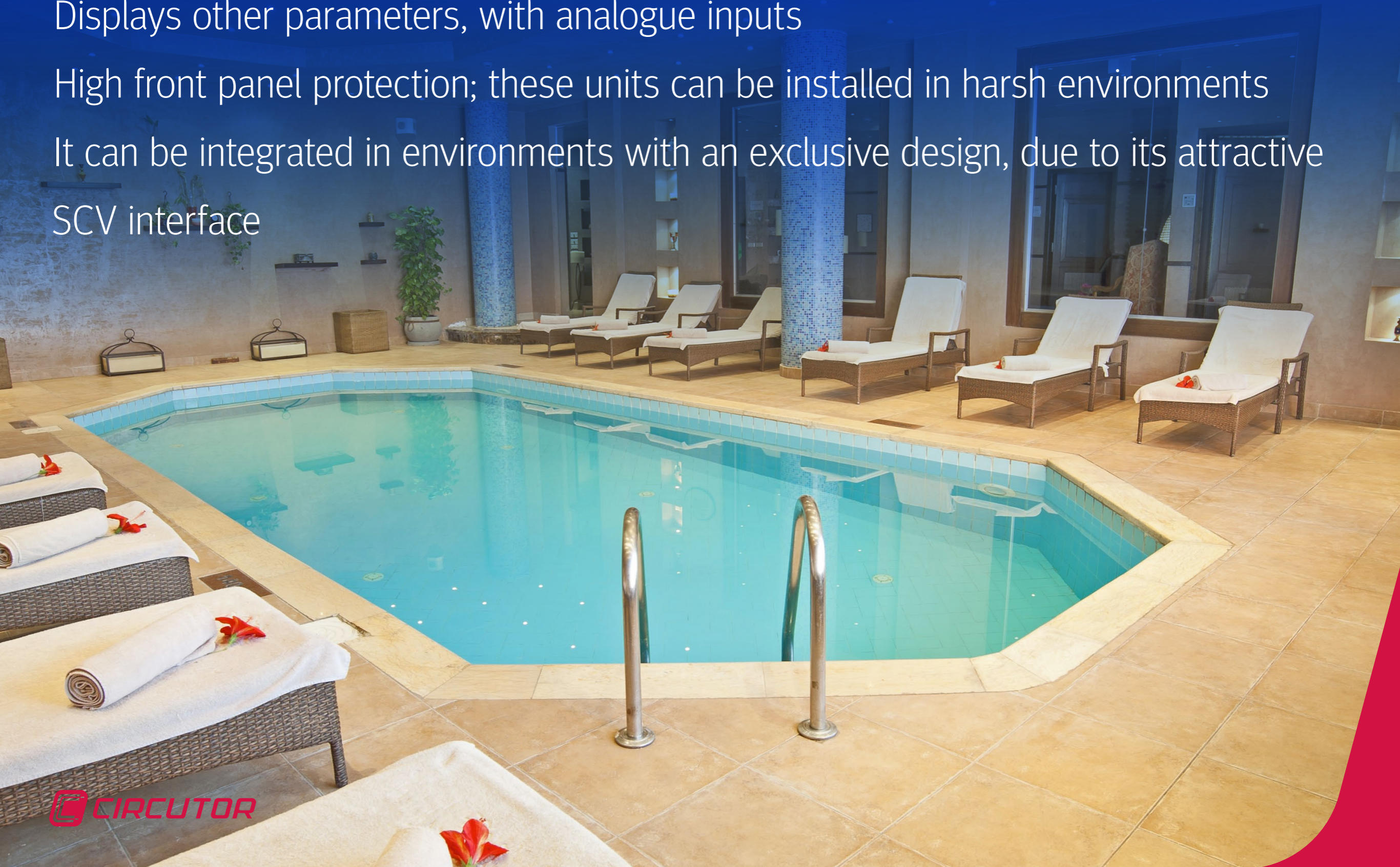
Leisure centres

Displays other parameters, with analogue inputs

High front panel protection; these units can be installed in harsh environments

It can be integrated in environments with an exclusive design, due to its attractive

SCV interface



Other features

- CVM expandable intermediate/high-end range
- Indirect power analyzer with 4-quadrant measurement
- Compact enclosure: 96x96 and 144x144 mm
- Touch keyboard
- IP65 front panel protection
- VGA Colour Screen
- SCV (Slide, Choose & View) Screen interface
- 4 Digital outputs
- Universal power supply source 85...265 Vac / 95...300 Vdc
- 5 Voltage inputs (3 phases + Neutral + Earth) (300 Vac P-N / 520 Vac P-P)
- Accuracy in V, A class 0.2
- Power in W class 0.5
- Energy accuracy, class 0.5S
- Communications

New series of power analyzers



CVM-C5

Multifunction
multimeter
with energy
measurement

CVM-C10

Electric power
analyzer

CVM-B100

Electric power analyzer with innovative
SCV interface

CVM-B150

TC, MC

Wide range of
measuring
transformers





Technology for energy efficiency



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