

COE 100

Optimise your use of energy and production costs



The **COE 100** optimising centre is the most configurable and versatile device of its type on the market, designed to optimise the use of energy in an industrial process, mining, telecommunications, services, large retail outlets and residential.

COE 100 is based on a microprocessor-controlled system which allows you to manage the loads of the devices and processes connected to it through the configuration of times, references, energy pulses and eight separate control outputs. All these features allow users to operate their electrical systems efficiently, with the resulting savings in their energy bills.

TECHNICAL DESCRIPTION

The COE 100 system has been designed to ensure a rational use of energy through the optimised management of equipment, processes and installations. It also increases the overall performance of the installations, reduces costs and improves the profitability of our customers' installations.

GENERAL TECHNICAL FEATURES

- Power supply: 220 VAC +/- 15% 30 W
- Connections: 1 mm²/pulse input – 1.5 mm² / mains connection
- Energy pulses: EN62053-31
- Casing: IP20
- Dimensions: 197x240x65 mm
- Temperature range: 0-40°C
- EMC standard: EN50081-1, EN50082-1, EN61000-3-2, EN61000-3-3
- Digital inputs: 8 optoisolated inputs to capture pulses (Standard 62053-31-A)
- Digital outputs: through extension modules
- Communications: RS232, RS485, Ethernet
- Protocols: TCP-IP, Optolink, propriety bus for the amplification of digital output
- Alphanumerical display 2x16 characters 5 mm
- Data protection in the case of a power failure

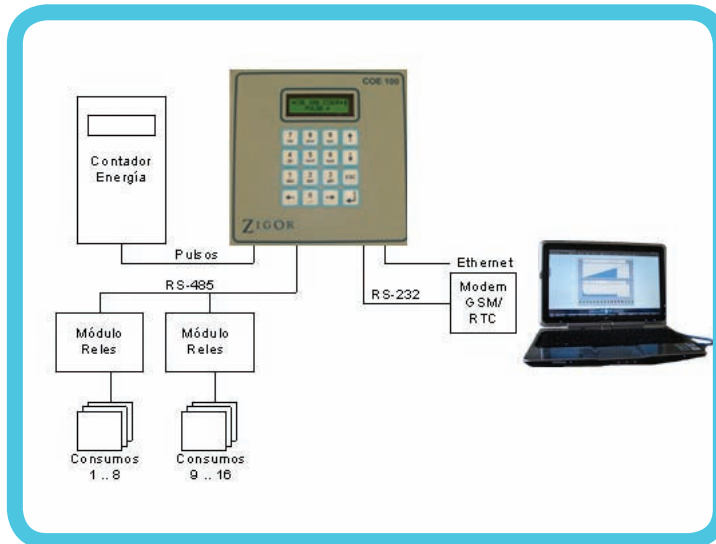
ADVANTAGES

- Control of Energy Savings
- Protection of data in the case of a power failure
- Compatible with SET LUX systems
- Increase in productivity thanks to a guaranteed, flexible and reliable supply, equipment modernisation and management systems
- Reduction of the electrical power component in operating costs
- Superior quality of product or service
- Noticeable optimisation of results in production processes from several different viewpoints
- Potential economic gain (bonuses)
- Environmental improvement: More attractive corporate image and greater social acceptance



APPLICATIONS

- Communications
- Electrotechnical sector
- Industrial installations
- Production processes, mining



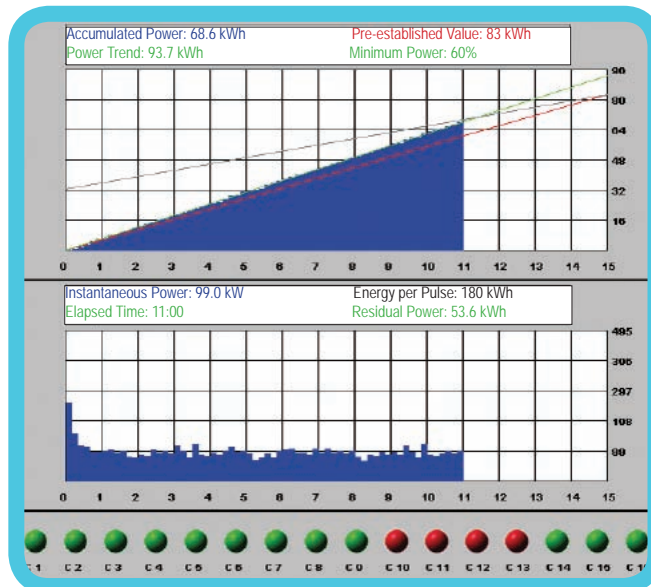
COE 100 SYSTEM COMPONENTS

- Data control and management unit
- Controlled component connection network
- Receivers, transmitters and detectors
- Drivers/actuators
- Communications peripherals
- Computer Display
- Personalised management software
- Control of Savings Systems implemented

DEVELOPMENT OF DEMAND

Graphics interface of the development of demand, demand forecasts and reference of the maximum permitted demand.

Diagram of loads connected and disconnected by the COE 100.



These specifications may be changed without notice