

Electronic module for control and communications

**Qontronic**

## Introduction

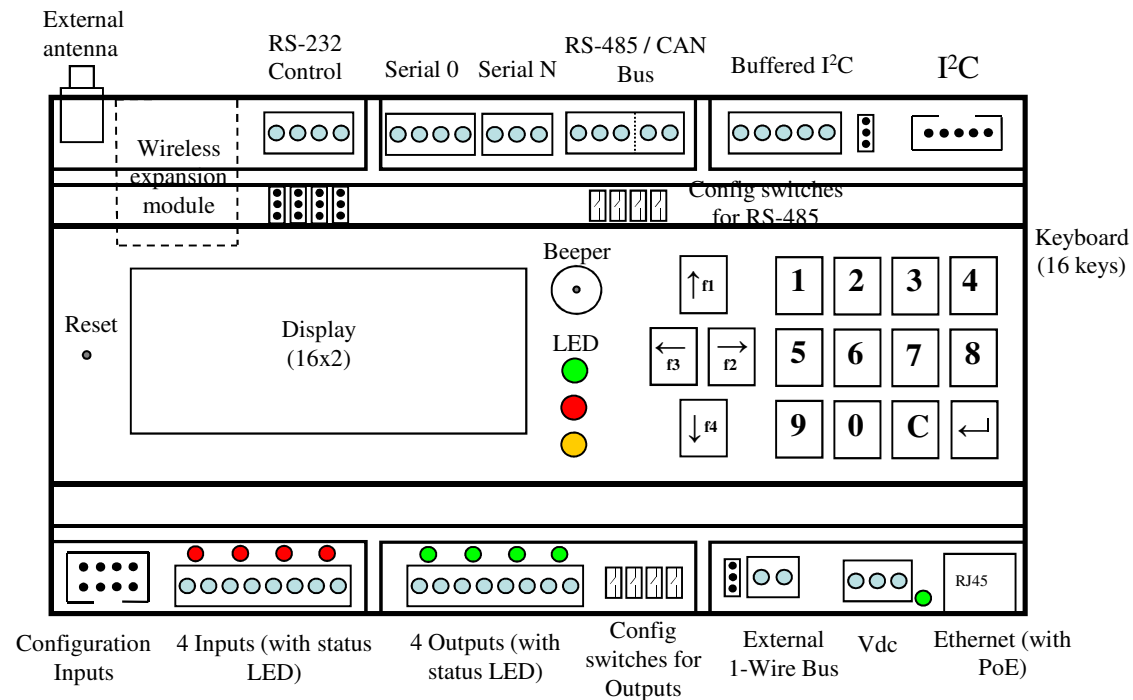
- ✓ Programmable electronic module for control and communications.
- ✓ The container (DIN 43880) can be fixed to a DIN rail (EN 60715) for easy mounting in a standard electrical cabinet.
- ✓ Allows autonomous operation (local decision) and/or supervised (remote PC, smartphone, etc.).



# What is included?

✓ Different type of connectivity:

- Ethernet 10/100 (IPv4 / IPv6), WPAN 802.15.4 (6LoWPAN or Zigbee®), RS-485 or CAN, RS-232, 1-Wire, I2C and SPI (internal use only).
- 4 inputs and 4 outputs (digital)
- LCD display, LED, Beeper and keyboard (optional).



## What is the foundation?

- ✓ **Microcontroller easily programmable in Java, C and/or Assembler, with:**
  - **RAM (1 MB) and Flash (4 MB).**
  - **Multitask RTOS.**
  - **Commands shell (Unix like) via Telnet and/or via serial port.**
  - **FTP Server.**
  - **Allows the use of NetBoot.**

## What are the goal?

- ✓ **Small systems for industrial automation and control.**
- ✓ **Simple HVAC systems.**
- ✓ **Network of sensors/actuators (wireless or not).**
- ✓ **Simple security systems.**
- ✓ **Small PLC.**
- ✓ **Domotic and inmotic systems.**
- ✓ **Many other applications.**

**Qontronic : Qontinuum's Module for Industrial  
Control**

**Multi-purpose, flexible and easily  
programmable.**