

## eSelect M3 Series

Measure and control instruments

**eSelect-M3** series is a family of controllers with three channels measures (+ temperature). The wide graphic display and the user-friendly navigation make it a very simple product for the end-user. Predisposed for **Eatcloud** connection, thanks to the "**Connection Kit**" (not included with the controller) the **eSelect-M3** can be managed in a remote way.

### General Features

- Measures: pH, Redox (mV), Free Chlorine (ppm) and temperature (C°)
- Standard version: pH – Rx – CL
- Timer mode, connected to auxiliary realy
- N.3 4-20mA outputs, programmable from the user
- Temperature compensation, automatic (PT100 or NTC sensor) or manual
- Chlorine measure (ppm) by selective membrane sensor or amperometric cell Platinum-Copper
- 2 setpoint for each measure, ON/OFF mode or PWM (Pulse Width Modulation);
- Adjustable hystesys on setpoint value; delay time on activation relay
- Alarm MAX and MIN mode on each measure
- Overdosing Alarm (excessive dosing time) for each measure
- Alarm relay, NO or NC programmable from the user
- Graphic display backlighted (128x64)
- Timer built-in to manage start/stop of the controller
- Start-up delay
- N.3 inputs for level sensor (delay selectable)
- Flow sensor input (delay selectable)



### ETACLOUD



The **EtaCloud** software supports remote control of all the operating and programming parameters of the eSelect-M.

The user, via smartphone, tablet or PC, can perform all monitoring and control operations from the device connected to the Internet, exactly as if he is facing the controller. The software sends - via email - alarms and status changes to the operator, thus enabling remote technical service.

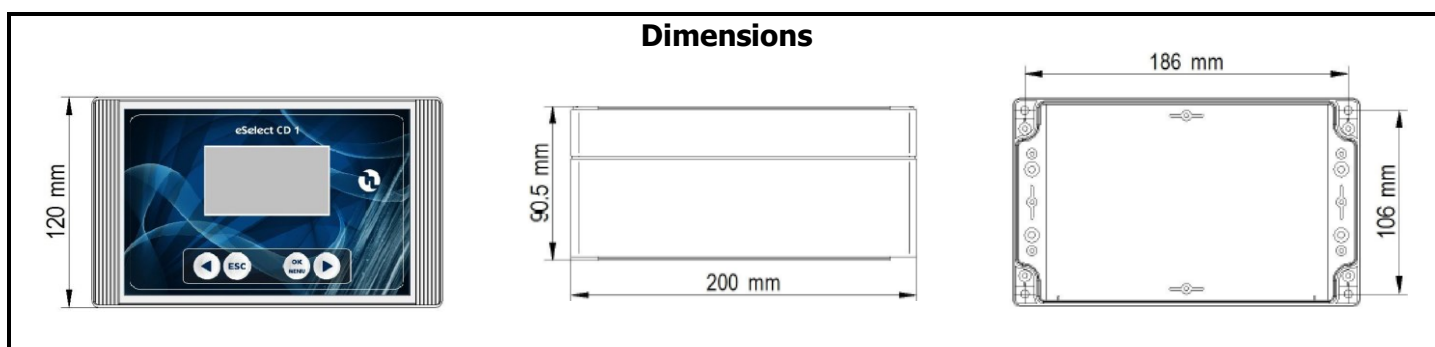
The connection with **EtaCloud** takes place thanks to the **Connectivity Kit** (not included with the instrument), which consists of an RS485/USB cable, an external module and a 5V power supply.

### Technical Features

Measures(1)	pH – Rx – CL					
Measure range	pH 0...14,00	Redox (mV) -1000 +1400	Cl (ppm) 0...2 / 0...5 / 0...10 / 0...200	Ppm 0-2 / 0-20 0-200 0-2.000 0-20.000	Temperature 0...100 C° (or F°)	Conducibilità 0...200mS (*)
Display	Graphic backlighted 128x64					
User Interface	Keyboard 4 keys					
Relay	5 A - 230 V, free contact					
Hysteresis	Programmable on the setpoint value					
Delay	Programmable with setpoint value to close or open the relay contact					
Outputs	n.3 4-20 mA, signals programmable from the user 500 ohm maximum load impedance, with galvanic separation					
Auxiliary output	Relay connected with timer function					
Power supply	100,,,230 V – 50/60 Hz – 6W					
RS485/Ethernet	Modbus protocol with Etacloud software, for the remote control via PC, smartphone or tablet					
Box	120x200x90,5 in ABS, protection degree IP65					

(1) for other version contact the headquarters

### Dimensions



Code	Description
CXB5045101	eSelect- M3 pH – Rx - CL 100/240V
CXB5045201	eSelect- M3 pH – Rx - CL 12/24V

Code	Description
KST0000101	Connectivity Kit