

## REG245 DISPLAY CONTROLLER

Single-loop industrial controller, with PID control function. 4 modules DIN rail. Universal analog input configurable and availability of analog retransmission output, galvanically isolated.

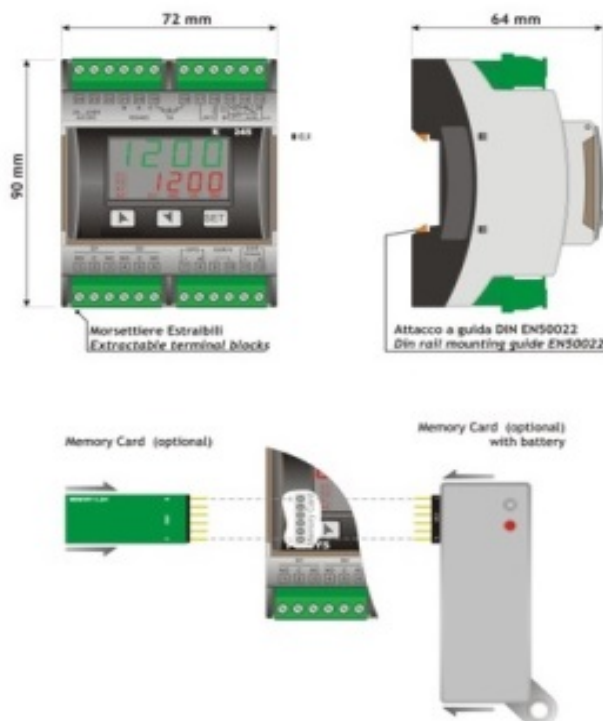
### Applications

- Industrial process controls



## TECHNICAL SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power supply:           | 24 ... 230Vac / dc $\pm 15\%$ 50/60 Hz (galvanic isolation), consumption 3W                                                                                                                                                                                                                           |
| Display:                | 4 digits, 2 lines Green (PV) + Red (SV)                                                                                                                                                                                                                                                               |
| Input:                  | 1x selectable between TC, K, J, S, R, PT100, PT500, PT1000, Ni100, PTC1K, NTC10K (B 3435K), 0 / 4...20 mA, 0...10 V, 0 ... 40mV, potentiometer 1 ... 6/160 Kohm, TA (1024 points)<br><br>Digital for use with TA, remote programming Tuning multiset, Man / Auto, lock the display cycle start / stop |
| Output:                 | 2x Relay SPDT 5A - 250 Vac resistive loads<br>1x SSR 12 Vdc - 30 mA max (Alternative to analog output)<br>1x Analogue 4-20 mA or 0-10 Vdc control or retransmission PV / SPV - active / passive<br>1x Serial RS485 Modbus RTU - Slave                                                                 |
| Adjustment:             | On / Off with hysteresis, P, PI, PID, PD time-proportioned; Tuning manual or automatic                                                                                                                                                                                                                |
| Dimensions and weight:  | 4 DIN rail modules, DIN43880, mounting DIN EN 50022; about 195 gr.                                                                                                                                                                                                                                    |
| Material:               | Polycarbonate housing; silicone rubber front                                                                                                                                                                                                                                                          |
| Protection:             | IP65 (front), IP20 (Enclosure and Terminals)                                                                                                                                                                                                                                                          |
| Electrical connections: | removable terminal block                                                                                                                                                                                                                                                                              |



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