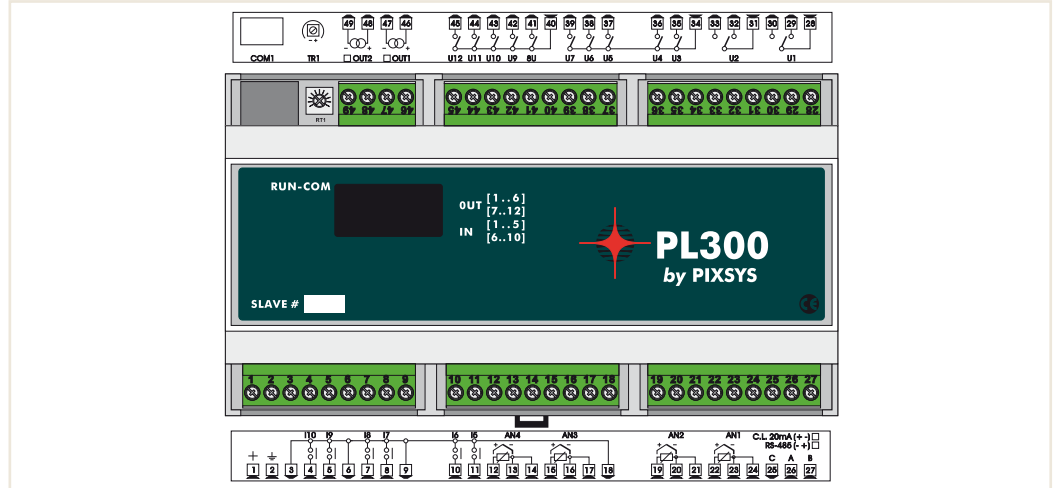


WIRING PLAN



PL300

I/O - Data acquisition / actuation module for PLC / HMI

Main features

Box	Standard DIN43880 160 x 90 x 58 (H) mm with DIN RAIL mounting fittings EN50022
Power supply	12..24Vac/Vdc $\pm 15\%$ 50/60 Hz
Consumption	10W
Operating conditions	Temperature 0-45 °C, humidity 35..95 RH%
Material	Noryl V0
Weight	Approx. 460 gr.
Sealing	IP20 Box

Inputs

Analogue	4 Selectable for TC, K, J, S, R, T, E, PT100, PT1000, Ni100, 0/4..20 mA, 0/1..10 V, 0..50mV
Sampling time	250 ms
Resolution	14 bit
Digital	6 PNP inputs

Outputs

Digital	12 Relays 5A resistive charge
Analogue	2 selectable by dip-switch as 0..10Volt or 4..20mA for retransmission or command
Communication ports	1 serial RS232 on plug + 1 serial RS485 on Plug or on extractable terminal

Software features

HMI - Operator interface	ATR313/ATR640 for kilns or environmental chambers, TD240 / TD320 / SCADA for other industrial applications for supervisory/monitoring functions
Communication protocol	Modbus RTU Slave
Analogue inputs control algorithms	ON - OFF with hysteresis, P, P.I., P.I.D., P.D. time-proportioned

Ordering codes

PL300-10AD	4 An. Inp. + 6 Digital + 12 relays + 2 outputs V/mA
PL300-30AD	4 An. Inp. + 6 Digital + 4 SSR-12Volt + 8 relays + 2 outputs V/mA
2100.30.010	M.c.Upgrade Series PL250-PL260-PL300-EPL101