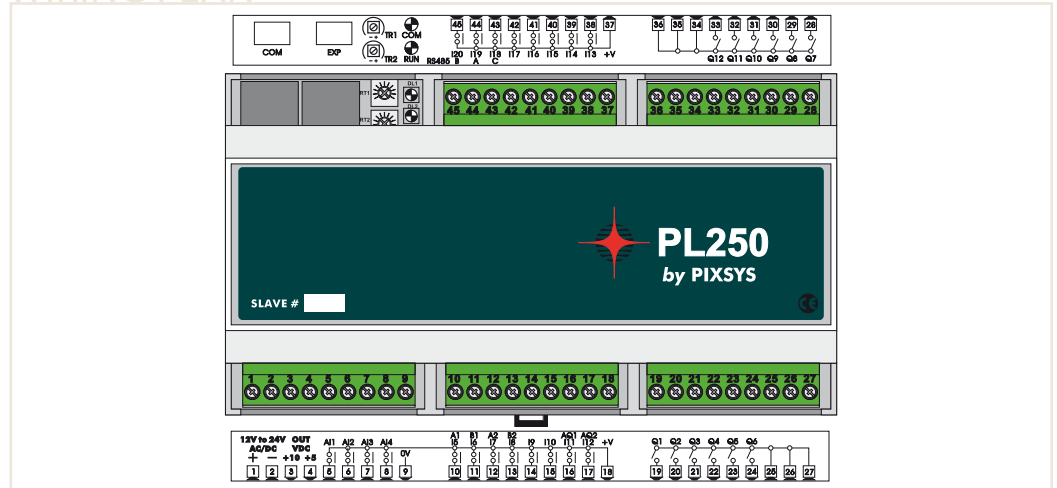


WIRING PLAN



PL250

PLC 20 Inp / 12 Out

Main features

Box	Standard DIN43880 160 x 90 x 58 (H) mm with DIN RAIL mounting fitting 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. 375 gr.
Sealing	IP20 Box

Inputs

Analogue (10bit)	4 inp. 0..10Volt or 2 inp. 0..20mA (code -10AD)
Analogue (16bit)	4 selectable for TC, K, J, S, R, T, E, PT100, Ni100, 0/4..20 mA, 0/1..10 V for more details see technical documentation (code -11AD)
Digital	16 inputs PNP
Inputs for Encoders	2 bidirectional encoders (overlapped to 4 inputs PNP) 15 KHz simultaneously / 30KHz single
Auxiliary power supply	Terminal for Potentiometer power supply 10,0 Volt
Trimmer	2 for regulations and process variables

Outputs

Digital	12 relay outputs 5A - resistive charge
Analogue	2 0..10Volt , 8 Bit (overlapped to 2 inputs)
Programming port	2 serial RS232 on Plug
Communication port	1 serial RS485 on Plug or on extraible terminal (max. 57600 Baud)

Software features

Programming	Software Pixsys PLprog, Ladder diagrams; 128 markers (logic relays), 64 bistables, 96 timers 16 bit, 32 up-down counters, mathematical and logic functions, range - rescale, contact bits, 2 timed interrupt (min. 1 ms)
Scanning cycle	min. 2 ms
Communication protocols	Modbus RTU master/slave; Free-Port for Modem or proprietary devices
Memory	64Kbyte Flash for programming, 200 words non-volatile Ram memory (6 months), 1000 words EEprom, optional MMC 13000 words
Clock	Real-Time clock, Back-up battery
Control algorithms	P, PI, PID, PD

Ordering codes

PL250-10AD	PLC with 4 An. Inp. (10 bit) + 12 relays 5A
PL250-11AD	PLC with 4 An. Inp. (16 bit for Tc/RTD) + 12 relays 5A
2100.30.010	M.c.Upgrade Series PL250-PL260-PL300-EPL101
2100.30.011	Expansion Memory 32K PL250