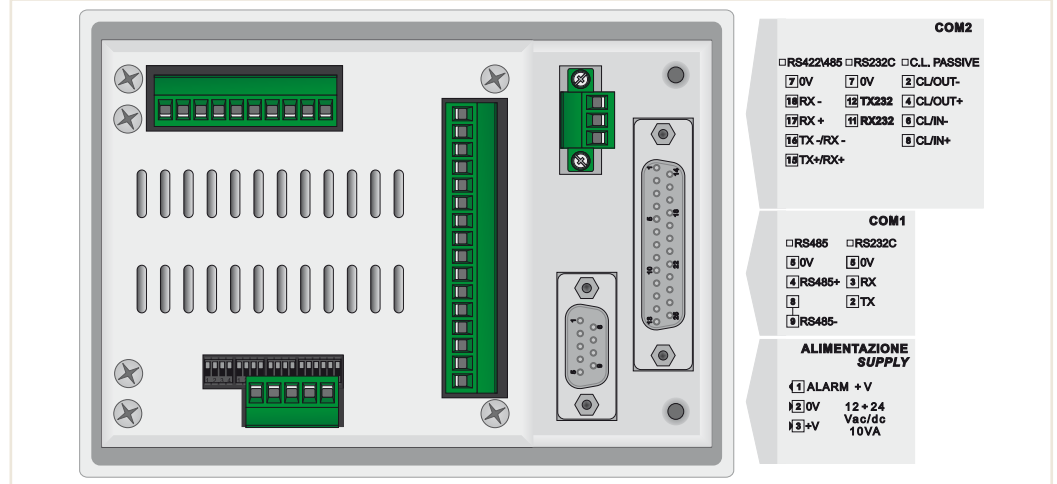


WIRING PLAN



TD240

Touch-screen HMI 3,5" 256 colors, integrated PLC

Main features

Box	140x100 (front panel) x 40 mm (-AD) or 65mm (-11AD)
Power supply	12..24Vac/Vdc $\pm 15\%$ 50/60 Hz (12..24 Vdc for TD340-11AD)
Consumption	8W
Display	Display LCD TFT 3,5" - 256 Colours, Integrated resistive Touch-screen
Operating conditions	Temperature 0-45 °C, humidity 35..95 RH%
Material	Front panel: aluminium with polycarbonate coverage; Box: chromed steel
Weight	Approx. 690gr code-AD, approx. 750gr code-11AD
Sealing	IP54 (Front panel), IP20 (Box and Terminal bloks)
Quick set-up options	SLOT Memory Card for programs download (Ladder+graphics)
Expansions	Modules MCM260-1/2/3/4/5 or other Modbus devices

Inputs

Analogue	4 Selectable for TC, K, J, S, R, T, E, PT100,PT1000, PT500, Ni100, NTC10K, (B 3435K), PTC1K (kty1000) 0/4..20 mA, 0/1..10 V (code TD240-11AD)
Digital	16 Selectable as inputs / outputs (code TD240-11AD)
Input for encoder	3 encoder/counter 24bit up to 80Khz (overlapped 6 inputs PNP/TTL)

Outputs

Digital	16 Selectable as static outputs 700mA or digital inputs (code TD240-11AD)
Analogue	4 outputs 0..10Volt (code TD240-11AD)
Serial ports	2 serial ports RS232/RS485

Software features

Programming	Pixsys PLprog software, Ladder diagrams; 10K words variables VW, 800 marker (logic relays), 128 bistables, 128 timer 16 bit, 64 up-down counters, mathematic and logic functions, rescale function, contact on bit
Graphic interface programming	Pixsys TDdesigner software
Communication protocols	Modbus RTU master / slave; Free-Port mode for Modem protocols or proprietary devices
Memory	384Kbyte Flash for programming, 10K words non-volatile Ram (6 months), 1000 words EEprom, 30k words MMC
Clock	Real-Time clock, Back-up battery
Analogue inputs control algorithms	P, PI, PID, PD

Ordering codes

TD240-AD	HMi 3,5" with soft-plc, 2 serial RS232/RS485 - Modbus
TD240-11AD	HMi 3,5" with soft-plc + 16 digital I / O + 4 Universal analogue inp. + 4 analogue out 0..10Volt + 2 serial RS232/RS485
2100.30.001	M.c.Par Series TD240-TD320-ATR313