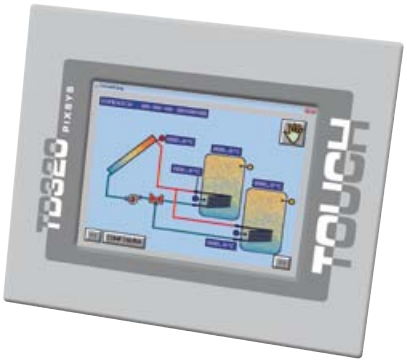
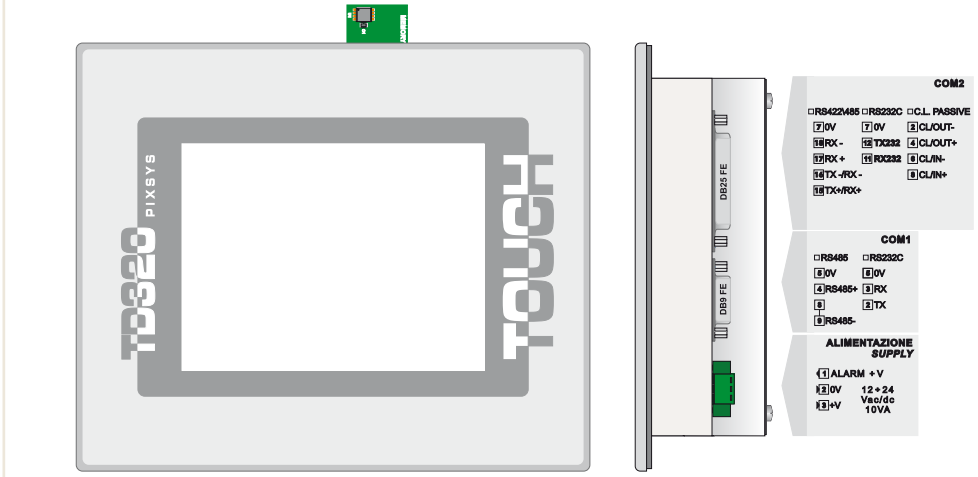


WIRING PLAN



TD320
Touch-screen HMI 5,7" 256 colors

Main features

Box	204x170 (front panel) x 48
Power supply	12..24Vac/Vdc ±15% 50/60 Hz
Consumption	10W
Display	Display LCD TFT 5,7" - 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. 1430 gr
Sealing	IP54 (Front panel), IP20 (Box and Terminal bloks)
Quick set-up options	SLOT Memory Card or program download (Ladder+graphics)
Expansions	Pixsys modules MCM260-1/2/3/4/5 or other Modbus devices

Inputs

Digitals	8 Inputs for external contacts on connector 25poles

Outputs

Digital	1 General alarm output
Serial ports	1 Programming / Communication port with RS232 interface, 1 communication port with RS485/RS422 interface, galvanically isolated, 1 communication port with RS232/RS485 interface

Software features

Operating logic functioning	Pixsys PLprog software for 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	Software Pixsys TDdesigner
Communication protocols	Modbus RTU Master / slave; Free-Port mode for Modem protocols or proprietary devices
Memory	768Kbyte Flash for programming, 10K words non-volatile Ram (6 months), 1000 words EEprom, 30k words MMC
Clock	Real-Time clock, Back-up battery

Ordering codes

TD320-AD	HMI 5,7" with soft-plc + 3 serial portsRS232/RS485/RS422
2100.30.001	M.c.Par Series TD240-TD320-ATR313