

TERMOREGOLATORE FPX04s FPX04s TEMPERATURE CONTROLLER

FEATURE	EXPLANATION
DIMENSIONS	48 x 48 x 100 (DEPTH) mm
FULL CUSTOMIZABLE P.I.D. CONTROL	PROPORTION, INTEGRATION, AND DIFFERENTIATION VALUES CUSTOMIZABLE FOR FLEXIBLE SOLUTIONS
DOUBLE DISPLAY	IT ALLOWS TO SEE THE SET-POINT AND ALSO THE MEASURED TEMPERATURE
SOFT START	PRE-HEATING WITH LOW PERCENTAGE OF POWER
AUTOTUNING	IT ALLOWS THE SYSTEM TO GET THERMAL INERTIA OF THE LOAD TO BE CONTROLLED AND AVOID OVERTEMPERATURE
RATE OF POWER IN USE	YOU CAN CHECK RATE OF POWER USED AND SET IT FOR OPEN LOOP MODE
CLOSE LOOP CONTROL (AUTOMATIC MODE)	YOU HAVE TO JUST SET WORKING TEMPERATURE IN THE SYSTEM
OPEN LOOP CONTROL (MANUAL MODE)	YOU HAVE TO SET THE PERCENTAGE OF POWER TO SUPPLY THE HEATER
HEATING/COOLING FUNCTION	TO CONTROL HEATERS AND FANS IN THE SAME WORKING CYCLE
FULL RANGE INPUTS SUPPORT	ALL KIND OF INPUT SENSORS ARE SUPPORTED : TC, RTD, PTC, NTC, mA, mV
3 OUTPUTS (3rd OUT OPTIONAL)	UP TO 3 SSR or RELAY OUTPUT (5A MAX) ALLOW TO CONTROL HEATERS, FANS, RELAYS, BUZZERS, WARNING LIGHTS.
THERMOCOUPLE BREAK ALARM	WHEN THERMOCOUPLE SIGNAL IS NOT AVAILABLE (BECAUSE THERMOCOUPLE LEADS HAS BEEN CUT OR SIMPLY THERMOCOUPLE WIRE IS NOT PROPERLY WIRED IN A CONNECTOR) IT IS IMPOSSIBLE TO WORK IN CLOSE LOOP. IT IS NECESSARY TO WORK IN OPEN LOOP WHICH MEANS MANUAL MODE : THE SYSTEM NEEDS TO SET THE DESIRED RATE OF POWER (PERCENTAGE)

