

Temperature Controllers

Series CTY - DDC controllers with analogue or digital output and PD or PID action. Dimensions 72x72x102mm, panel mounting (cut-out 67x67mm). SPTC sensors.

More features: off-set, copy card, password, alarms, duty-cycle.

When pressure or humidity transmitters are connected (4-20 mA) CTY will become pressure or humidity controllers (0-100% range). Available units: °C, °F, bar, %RH, Pa, psi.

MODEL	OUTPUT	INPUT	POWER SUPPLY V _{ac}
CTY231	2 relay+1 alarm	PTC	230
CTY232	2 relay+1 alarm	Pt100 and 4-20mA	230
CTY241	2 relay+1 alarm	PTC	24
CTY242	2 relay+1 alarm	Pt100 and 4-20mA	24
CTY541	0 to 10 V+1 relay+1 alarm	PTC	24/230
CTY542	0 to 10 V+1 relay+1 alarm	Pt100 and 4-20mA	24/230



Copy card



Series CX500 - Proportional - Integral - Derivative (PID), adjustable on field into Proportional - Direct/reverse action - Power supply directly from MVB-MDL-MVF-MVH actuator - Sensing element: see SB sensors, page 58 - IP55 protection.

MODEL	RANGE °C	PROPORTIONAL BAND K	INTEGRATION TIME T _i (s)	DERIVATIVE TIME T _d	MOUNTING
CX528	-10 to 120°C	2 to 40	16 to 600	1/4 T _i	wall or flush



Temperature Controllers for Industrial Applications, Heat Exchangers, etc.

Series TX500 - P, PD and Proportional - Integral - Derivative action (PID) - Power supply 230 or 24 Vac - Configurable as heating or cooling loop - Supervision by ModBus protocol - Sensing element: see SP-TP below or SPTX-U - Flush mounting with 67x67 mm panel cut-out - IP54 protection.

MODEL	POWER SUPPLY V _{ac}	OUTPUTS	INPUT
TX542	24/230	1 alarm relay output 1 configurable analogue output ¹⁾	Pt100

1. Max load controlled by analogue output: 0-1V = 20mA with 50 Ohm min. load resistance; 0-5V = 20mA with 250 Ohm min. load resistance; 0-10V = 20mA with 500 Ohm min. load resistance; 0-20 mA or 4-20 mA = 350 Ohm.



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Series RX500 - Direct/reverse action - Sensing elements: see SB sensors at page 58. Power supply from MVB, MVF, MVH, MDL actuators - IP40 protection.

MODEL	RANGE °C	PROPORTIONAL BAND K	SET POINT	other FEATURES
RX513	0÷45	3÷24	external	wall mounting
RX515	-10÷80	3÷24		



Authorized Distributor

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