

# Temperature & Process Controller

## DS3020

### Features:

- Accurate, reliable
- Menu driven operation
- Modular design
- Easy, onsite configuration



### Description:

The 2000 series brings you performance you can rely on and accuracy you can trust. At the same time no other range of controllers makes operation so easy. Menu driven operation provides easy intuitive and consistent access to all the controller functions.

Every 2000 Series controller can be tailored to provide the control solution you need. Modular design and easy, on-site configuration matches application requirements and gives you a temperature and process control solution that's ready to run the first time you switch it on.

The 2000 series provides control strategies ranging from simple ON/OFF to PID with advanced overshoot protection, providing the best control for the widest range of applications including valve positioning. Within the 2000 Series there is also the 2500 Modular Controller and the 2604/2704 Controllers which, with their enhanced functionality and multiloop capability, offer a powerful addition to the range. Please call our technical sales team now for more details.



### General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

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# Temperature & Process Controller



2100	2200e	2400	
<b>IP Rating</b>	IP65	IP65	IP65
<b>Display Type</b>	4 Digit LED	Dual 4 Digit LED	Dual 4 Digit LED
<b>Supply Voltage</b>	85-264V AC, 24V AC/DC	85-264V AC, 24V AC/DC	85-264V AC, 24V AC/DC
<b>Input Types</b>	TC, RTD, mV, mA, V	TC, RTD, mV, mA, V	TC, RTD, mV, mA, V
<b>PV Accuracy</b>	0.25% of reading $\pm 1$ LSD	0.25% of reading $\pm 1$ LSD	0.2% of reading $\pm 1$ LSD
<b>Control Types</b>	On/Off, PID	On/Off, PID, VP	On/Off, PID, VP, VPB
<b>Output Types</b>	Logic, relay	Logic, relay, triac, DC	Logic, relay, triac, DC
<b>Number of Alarms</b>	3	4	4
<b>Heater Failure Detection</b>	Yes	Yes	Yes
<b>Load Current Monitor</b>	-	Yes	Yes
<b>iTools Configurable</b>	Yes*	Yes	Yes
<b>Downloadable Custom Input</b>	Yes*	Yes	Yes
<b>Slave Communications</b>	-	Yes	Yes

\*Model 2100 requires 2000 Series Configuration Station.

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