



DT... series



DTK4848R01



DT320...



DT340...



DT360...

Temperature controllers

type	panel size (mm) W x H	description	output 1	output 2
DTK series - "Econo" temperature controller 100 - 240 VAC 50/60Hz (60 mm deep)				
<ul style="list-style-type: none"> • Universal sensor inputs: Thermocouple: Type (K-J-T-E-N-R-S-B-L-U-TXK) Pt100, JPt100 • LCD display: Process Value (PV) Red colour - Set point (SV) Green colour • Control method: PID, ON/OFF, Manual control mode • Alarms: 1 alarm output with 9 selectable alarm modes • Display: High resolution LCD display • Speed: High speed sampling time (100ms) 				
DTK4848R01	48 x 48	econo temperature controller	relay (5A AC1)	-
DTK4848V01	48 x 48	econo temperature controller	14 VDC pulse	-
DTK4848C01	48 x 48	econo temperature controller	4 - 20mA	-
DTK4896R01	48 x 96	econo temperature controller	relay (5A AC1)	-
DTK4896V01	48 x 96	econo temperature controller	14 VDC pulse	-
DTK4896C01	48 x 96	econo temperature controller	4 - 20mA	-
DTK7272R01	72 x 72	econo temperature controller	relay (5A AC1)	-
DTK7272V01	72 x 72	econo temperature controller	14 VDC pulse	-
DTK9696R01	96 x 96	econo temperature controller	relay (5A AC1)	-
DTK9696V01	96 x 96	econo temperature controller	14 VDC pulse	-

DT3 series - Advanced high speed intelligent temperature controller

New **DT3 series** temperature controller designed with upgraded hardware and higher specifications to offer smart operation, fast response and simple expendability and user-defined function keys.

- Various built-in sensor input modes:
Thermocouple: K, J, T, E, N, R, S, B, L, U, TXK
Platinum RTD: Pt100, JPt100, RTD: Cu50, Ni120
Analog input: 0 - 5 V, 0 - 10 V, 0 - 20 mA, 4 - 20 mA, 0 - 50 mV
- Various Control Modes: Auto Tuning, FUZZY, Manual, ON/OFF
PID Process Control, Self Tuning
- Various Output Modes: Relay, Voltage pulse, Current DC, Linear voltage
- Communication: RS-485 communication MODBUS ASCII / RTU protocol
- Display: Large 3-colour LCD Display
- IP protection: IP66 protection level and CE, UL certified
- Output: Dual output control function for heating and cooling
- Detection: Heater disconnection detection
- Sampling rate: 100ms
- Supply voltage: 100 - 240 VAC

			output 1	output 2
DT320RA-0200	48 x 48	advanced temperature controller	relay	see output 2 options (below)
DT320VA-0200	48 x 48	advanced temperature controller	14 VDC pulse	
DT340RA-0200	48 x 96	advanced temperature controller	relay	see output 2 options (below)
DT340VA-0200	48 x 96	advanced temperature controller	14 VDC pulse	
DT360RA-0200	96 x 96	advanced temperature controller	relay	see output 2 options (below)
DT360VA-0200	96 x 96	advanced temperature controller	14 VDC pulse	

Note: 24 VDC (change 7th digit "A" of part number to "D" for 24 VDC application on request)

Expansion facilities and accessories for above DT3 controllers

- Max 1 extra output card
- Max 2 optional cards

Replace the last **4 digits** for additional options:

First 2 digits identify the output - Last 2 digits identify the option

Example: **V213** is a voltage output with event and remote set up input.

0233 is no extra control output but with retransmission output and remote set up input.

- R200	Relay output (5A 250 VAC)	DT3-R
- V200	Voltage output (14 VDC pulse)	DT3-V
- C200	DC current output (4 - 20mA)	DT3-C
- L200	Linear voltage output (0 - 10 VDC)	DT3-L
- 0210	Event input 1	DT3-EVENT
- 0220	CT input 1	DT3-CTI
- 0230	Retransmission output	DT3-RETRANS
- 0203	Remote setup input	DT3-REMOTE

DT3-CT30A	30A	current transformer for heater disconnection or overcurrent detection
DT3-CT100A	100A	current transformer for heater disconnection or overcurrent detection