

# A Complete Selection For A Wide Range Of Applications

## ELECTRONIC STANDALONE CONTROLLERS

### T775

Provide on/off, modulating, or reset control in applications where electronic accuracy in addition to remote sensing is desired.

#### Standard Models

- Available with one, two or four SPDT relay output stages and/or modulating outputs (0-10 Vdc, 2-10 Vdc, 4-20 mA and electronic Series 90 selectable). All models have built-in time-clock scheduler for setback.
- Typical applications include
  - On/off control of fans, motors and heaters
  - Proportional or floating control of damper and valve actuators
  - Outdoor reset of heating and cooling systems



### T775 Electronic Remote Temperature Controllers

Models for Standard Applications							
Product Number	Description	Replaces	Relay Outputs	Analog Outputs 4-20 mA, 0-10 Vdc, 2-10 Vdc & Series 90	Floating Output <sup>1</sup>	Sensor Inputs Available	# Sensors Included <sup>2</sup>
T775A2009	Standard	T775A1001	1 SPDT			1	1
T775B2016	Standard-NEMA 4X		2 SPDT		1	2	1
T775B2032	Standard	T775A1019, T775B1000	2 SPDT		1	2	1
T775B2024	Standard-NEMA 4X	T775C1009, T775D1008	4 SPDT		2	2	1
T775B2040	Standard	T775A1027, T775A1035, T775B1018, T775B1026, T775B1040	4 SPDT		2	2	1
T775M2006	Modulating		None	2		2	1
T775M2022	Modulating-NEMA 4X		2 SPDT	2		2	1
T775M2048	Modulating	T775E1015, T775E1023, T775E1056, T775E1064, T775E1098	2 SPDT	2		2	1
T775M2014	Modulating-NEMA 4X	T775G1005, T775G1013, T775G1021, T775G1039	4 SPDT	2		2	1
T775M2030	Modulating	T775E1114, T775F1022, T775F1055, T775F1089	4 SPDT	2		2	1
T775R2035	Reset Option	T775J1001, T775J1076	2 SPDT		1	2	2
T775R2043	Reset Option	T775J1019, T775J1027, T775J1035	None	2		2	2
T775R2027	Reset Option	T775J1043, T775J1050, T775J1068	2 SPDT	2		2	2
T775R2001	Reset Option		4 SPDT		2	2	2
T775R2019	Reset Option		4 SPDT	2		2	2

<sup>1</sup> One floating output eliminates two relay outputs.

<sup>2</sup> 50021579-001 included with non-NEMA 4X models, and T775-SENS-WR included with NEMA 4X models.

#### T775 Special Models

**T775U** — Universal model controls pressure, humidity, temperature or any control medium that inputs 1097 ohms PTC, 0-10 Vdc or 4-20 mA. CO<sub>2</sub> sensors are compatible but reading displayed in percent, not ppm.

**T775P** — Special boiler model with features like WWSD, Alarming

and control of up to 12 stages from a single setpoint using optional 4-relay expansion modules T775S.

**T775L** — Special sequencing module allows configuration of up to 12 relay outputs with one or two setpoints in any number and combination desired. Do 3 heat/7 cool, 6 heat/2 cool, 4 heat/2 heat — whatever you desire.

### T775 Electronic Remote Temperature Controllers

Models for Special Applications										
Product Number	Description	Replaces	Relay Outputs	Analog Outputs 4-20 mA, 0-10 Vdc, 2-10 Vdc, & Series 90	Digital Output	Dedicated Pump Output	Sensor Inputs Available	# Sensors Included	Expandable <sup>1</sup>	Output Reset
T775P2003 <sup>2</sup>	Special boiler with reset		4 SPDT		1	•	3	3	•	•
T775L2007	Stage sequencer with reset option		4 SPDT <sup>3</sup>				2	1	•	•
T775U2006	Universal — humidity, pressure, etc.	H775A1006, H775A1022, H775A1048, H775A1063, H775B1005, H775C1004, H775D1003, H775E1002	2 SPDT	2			2 <sup>4</sup>			•
T775U2016	Universal - Control to sensor A (universal input) and sensor B (temp) independently.		2 SPDT	2			2 <sup>4</sup>			•
T775S2008	Relay expansion module		4 SPDT	Use with T77P or T775L						

<sup>1</sup> 4 or 8 more relays possible with T775S2008 relay expansion module(s).

<sup>2</sup> Includes dedicated pump output, equal run time, pump pre-purge and post-purge, WWSD and more.

<sup>3</sup> Up to 2 independent non-sequenced relays are also available.

<sup>4</sup> First input configurable for temperature 0-5Vdc, 0-10 Vdc, or 4-20 mA; second input is configurable for temperature only.