






Heating and district heating controllers

TROVIS	5433	5573	5575	5576	5579
Control circuits	max. 2	max. 2	max. 2	max. 2	max. 3
Heating	1	max. 2	max. 2	max. 2	max. 3
DHW	1	1	1	1	1
Inputs					
Sensors	7	8	8	15 ⁷⁾	17 ⁷⁾
Room panel	1	2	2	2	3
Binary inputs	–	2	2	15 ⁷⁾	17 ⁷⁾
Other inputs	0 to 10 V	0 to 10 V ¹⁾	0/4 to 20 mA or 0 to 10 V		
Possible sensors	Pt 1000/PTC	Pt 1000	Pt 100/500/1000, Ni 1000, PTC, NTC		
Outputs					
Control signal y	2	2	2	2	3
Three-point stepping	•	•	•	•	•
On/off	•	•	•	•	•
Continuous-action	–	• ²⁾	–	•	•
Binary outputs	3	3	3	4	5
0 to 10 V	1	1 ¹⁾	–	2	3
Interfaces					
Device bus RS-485	–	–	•	•	•
Modbus RS-485	–	• ³⁾	–	• ⁸⁾	• ⁸⁾
Modbus RS-232	–	• ⁴⁾	–	•	•
Meter bus	–	• ⁵⁾	–	• ⁹⁾	• ⁹⁾
Configuration, parameterization and data transmission					
Data input at PC	TROVIS-VIEW software (6661)				
Data cable	•	• ⁶⁾	• ⁶⁾	• ⁶⁾	• ⁶⁾
Memory pen	•	–	–	–	–
Memory module	–	•	•	•	•
Mini module	–	•	•	•	•
Historical data storage					
Data logging module	–	•	•	•	•
Internal	–	–	–	•	•
Operating voltage	230 V, 48 to 62 Hz	85 to 250 V, 48 to 62 Hz	230 V, 48 to 62 Hz		
Power consumption	max. 3 VA	max. 1.5 VA	max. 4 VA	max. 5 VA	max. 6 VA
Dimensions [mm]					
Width W	144	144	144	144	144
Height H	97	96	98	98	98
Depth D	130	54	60	81	81
					
Data Sheet	T 5433 EN	T 5573 EN	T 5575 EN	T 5576 EN	T 5579 EN

1) 0 to 10 V input can alternatively be used as 0 to 10 V output

2) Rk1 only

3) Using communications module RS-485

4) Using communications module RS-232





5) Using meter bus/Modbus gateway 1400-9867

6) Using USB converter 3

7) Optionally sensor or binary input;
Total of all sensor and binary inputs of TROVIS 5576 = 15;
Total of all sensor and binary inputs of TROVIS 5579 = 17

8) Using a cable converter

9) Optional meter bus plug-in module

	Programmable logic controller (PLC)	Room controller	Room panel	Expansion module 1400-9386 for TROVIS 5571/5572
TROVIS	5571	5572	5570	
Control circuits	Individually configurable	1	–	–
Heating	Individually configurable	1	–	–
DHW	Individually configurable	–	–	–
Inputs				
Sensor	17 ¹⁾	1 ²⁾	1 ²⁾	max. 2 ³⁾
Binary inputs	17 ¹⁾	2	–	max. 6 ³⁾
Other inputs	17 ¹⁾	1 presence button ²⁾ 1 set point adjuster	–	max. 4 ³⁾
Possible sensors	Pt 100/500/1000/2000 Ni 200/1000/2000 PTC/NTC, 1 to 2 k Ω	–	–	Pt 1000 0 to 1000 Ω ³⁾
Outputs				
Control signal y	Individually configurable		–	–
Three-point stepping	Individually configurable	•	–	–
On/off	Individually configurable	•	–	–
Continuous-action	Individually configurable	–	–	–
Binary outputs	12	2 (triac)	–	4
0 to 10 V	4	2	–	max. 2 ³⁾
Interfaces				
Device bus RS-485	–	–	•	–
Modbus RS-485	•	•	–	•
Modbus RS-232	•	–	–	–
Meter bus	•	–	–	–
Operating voltage	230 V AC, 48 to 62 Hz	24 V AC	15 to 36 V DC 12 to 26,5 V AC, 48 to 62 Hz	24 V AC
Power consumption	8 VA	0.6 VA	0.6 VA	1 VA
Dimensions [mm]				
Width W	144	113	113	140
Height H	96	91	91	93
Depth D	111	30	30	30
				
Data Sheet	T 5571 EN	T 5572 EN	T 5570 EN	T 5571 EN, T 5572 EN

1) Optionally sensor, 0/4 to 20 mA, 0 to 10 V inputs or binary input: Total of all inputs = 17

2) Internal

- 3) Max. 6 inputs (refer to T 5571 EN for details) that can be used as:
- Binary input (counter input)
 - Pt 1000 or 0 to 1000 Ω input
 - 0 to 10 V input
 - 0 to 10 V output



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T 5500 EN

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