









	Heating controllers						
TROVIS	5573	5573-1	5575	5576	5579	5578	
Display	Icon readings	•		•	•	•	
	Plain text		•				•
Control circuits	Max. 2	Max. 2	Max. 2	Max. 2	Max. 3	Max. 3	
Heating	Max. 2	Max. 2	Max. 2	Max. 2	Max. 3	Max. 3	
DHW	1	1	1	1	1	1	
Inputs							
Sensors	8 ⁷⁾	8 ⁷⁾	8 ⁷⁾	15 ⁷⁾	17 ⁷⁾	17 ⁷⁾	
Room panel	2	2	2	2	3	3	
Binary inputs	2 + 1 ⁷⁾	2 + 1 ⁷⁾	2 + 1 ⁷⁾	14 ⁷⁾	14 ⁷⁾	14 ⁷⁾	
Further inputs	0 to 10 V ¹⁾	0 to 10 V ¹⁾	0/4 to 20 mA or 0 to 10 V			0 to 10 V	
Sensors that can be used	Pt 1000	Pt 1000	Pt 100/500/1000, Ni 1000, PTC, NTC			Pt 1000	
Outputs							
Control signal y	2	2	2	2	3	3	
Three-step	•	•	•	•	•	•	
On/off	•	•	•	•	•	•	
Continuous-action	• ²⁾	• ²⁾	–	•	•	• ²⁾	
Binary outputs	3	3	3	4	5	5	
0 to 10 V	1 ¹⁾	1 ¹⁾	–	2	3	2 ¹⁰⁾	
Interfaces							
Device bus RS-485	–	–	•	•	•	•	
Modbus RS-485	• ³⁾	• ³⁾	–	• ⁸⁾	• ⁸⁾	• ³⁾	
Modbus RS-232	• ⁴⁾	• ⁴⁾	–	•	•	• ⁴⁾	
Meter bus	• ⁵⁾	5573-11	–	• ⁹⁾	• ⁹⁾	•	
Configuration, parameterization and data transmission							
Data entered on computer	TROVIS-VIEW 6661 Software						
Data cable	• ⁶⁾	• ⁶⁾	• ⁶⁾	• ⁶⁾	• ⁶⁾	• ⁶⁾	
Memory module	•	•	•	•	•	•	
Mini module	•	•	•	•	•	•	
Historical saving of data	•	•	•	•	•	•	
Data logging module	•	•	•	•	•	•	
Internal	•	–	–	•	•	•	
Supply voltage	85 to 250 V, 48 to 62 Hz		230 V, 48 to 62 Hz			165 to 250 V, 48 to 62 Hz	
Power consumption	Max. 1.5 VA	Max. 1.5 VA	Max. 4 VA	Max. 5 VA	Max. 6 VA	Max. 4 VA	
Dimensions [mm]							
Width w	144	144	144	144	144	144	
Height H	96	96	98	98	98	98	
Depth d	54	54	60	81	81	75	
							
Data Sheet	▶ T 5573	▶ T 5573	▶ T 5575	▶ T 5576	▶ T 5579	▶ T 5578	

- 1) 0 to 10 V input can alternatively be used as 0 to 10 V output
2) Normally, Rk1, with DHW heating in instantaneous heating system Rk2
3) Using RS-485 communication module
4) Using RS-232 communication module
5) Using meter bus/Modbus gateway (1400-9867)
6) Using USB converter 3

- 7) Optionally sensor or binary input;
(TROVIS 5573, 5573-1, 5575: 18 sensor and binary inputs in total
TROVIS 5576: 15 sensor and binary inputs in total,
TROVIS 5578, 5579: 17 sensor and binary inputs in total)
8) Using cable converter
9) Optional meter bus plug-in module
10) 1x Continuous-action, 1x PWM 0-10 V signal

	Programmable logic controller (PLC)	Modbus I/O module (1402-0328) for TROVIS 5571
TROVIS	5571	
Control circuits	Freely programmable	–
Heating	Freely programmable	–
DHW	Freely programmable	–
Inputs		
Sensors	17 ¹⁾	Max. 2 ³⁾
Binary inputs	17 ¹⁾	Max. 6 ³⁾
Further inputs	17 ¹⁾	Max. 4 ³⁾
Sensors that can be used	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	Freely programmable	–
Three-step	Freely programmable	–
On/off	Freely programmable	–
Continuous-action	Freely programmable	–
Binary outputs	12	4
0 to 10 V	4	Max. 2 ³⁾
Interfaces		
Device bus RS-485	–	–
Modbus RS-485	•	•
Modbus RS-232	•	–
Meter bus	•	–
Supply voltage	230 V AC, 48 to 62 Hz	230 V AC
Power consumption	8 VA	1 VA
Dimensions [mm]		
Width w	144	94
Height H	96	96
Depth d	111	60
		
Data Sheet	▶ T 5571	▶ T 5571

¹⁾ Optionally sensor, 0/4 to 20 mA, 0 to 10 V or binary input (17 inputs in total)

²⁾ Internal

³⁾ Max. 6 inputs (see T 5571 for details) which 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

Specifications subject to change without notice



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