






	Heating controllers					
TROVIS	5573	5575	5576	5579	5610-01	5610-00
Control circuits	Max. 2	Max. 2	Max. 2	Max. 3	Max. 1	Max. 2
Heating	Max. 2	Max. 2	Max. 2	Max. 3	Max. 1	Max. 1
DHW	1	1	1	1	Max. 1	Max. 1
Inputs						
Sensors	8	8	15 ⁷⁾	17 ⁷⁾	5	8
Room panels	2	2	2	3	1	1
Binary inputs	2	2	15 ⁷⁾	17 ⁷⁾	5	8
Further inputs	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 100/500/1000, Ni 1000, PTC, NTC			Pt 1000	
Outputs						
Control signal y	2	2	2	3	1	2
Three-point stepping	•	•	•	•	•	•
On/off	•	•	•	•	•	•
Continuous-action	• ²⁾	–	•	•	–	•
Binary outputs	3	3	4	5	1	3
0 to 10 V	1 ¹⁾	–	2	3	–	2
Interfaces						
Device bus RS-485	–	•	•	•	–	
Modbus RS-485	• ³⁾	–	• ⁸⁾	• ⁸⁾	On request	
Modbus RS-232	• ⁴⁾	–	•	•	On request	
Meter bus	• ⁵⁾	–	• ⁹⁾	• ⁹⁾	–	
Configuration, parameterization and data transmission						
Data entered at PC	TROVIS-VIEW software (6661)					
Data cable	• ⁶⁾	• ⁶⁾	• ⁶⁾	• ⁶⁾	•	•
Memory pen	–	–	–	–	•	•
Memory module	•	•	•	•	–	–
Mini module	•	•	•	•	–	–
Historical data saving	•	•	•	•	–	–
Data logging module	•	•	•	•	–	–
Internal	–	–	•	•	–	–
Operating voltage	85 to 250 V, 48 to 62 Hz	230 V, 48 to 62 Hz			90 to 253 V~	
Power consumption	Max. 1.5 VA	Max. 4 VA	Max. 5 VA	Max. 6 VA	Max. 2.8 VA	Max. 4.0 VA
Dimensions [mm]						
Width w	144	144	144	144	147	147
Height h	96	98	98	98	96	96
Depth d	54	60	81	81	49	49
						
Data Sheet	T 5573 EN	T 5575 EN	T 5576 EN	T 5579 EN	T 5610 EN	

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

²⁾ Control loop 1 only

³⁾ Using RS-485 communications module

⁴⁾ Using RS-232 communications module





⁵⁾ Using meter bus/Modbus gateway (1400-9867)

⁶⁾ Using USB Converter 3

⁷⁾ Optionally sensor or binary input
(TROVIS 5576: 15 sensor and binary inputs in total,
TROVIS 5579: 17 sensor and binary inputs in total)

⁸⁾ Using cable converter

⁹⁾ Optional meter bus plug-in module

	Programmable logic controller (PLC)	Room controller	Room panel	Modbus I/O module (1402-0328) for TROVIS 5571/5572
TROVIS	5571	5572	5570	
Control circuits	Freely programmable	1	–	–
Heating	Freely programmable	1	–	–
DHW	Freely programmable	–	–	–
Inputs				
Sensors	17 ¹⁾	1 ²⁾	1 ²⁾	Max. 2 ³⁾
Binary inputs	17 ¹⁾	2	–	Max. 6 ³⁾
Further 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	Freely programmable	–	–	–
Three-point stepping	Freely programmable	•	–	–
On/off	Freely programmable	•	–	–
Continuous-action	Freely programmable	–	–	–
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	230 V AC
Power consumption	8 VA	0.6 VA	0.6 VA	1 VA
Dimensions [mm]				
Width w	144	113	113	94
Height h	96	91	91	96
Depth d	111	30	30	60
				
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 or binary input (17 inputs in total)

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

Specifications subject to change without notice.



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T 5500 EN

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