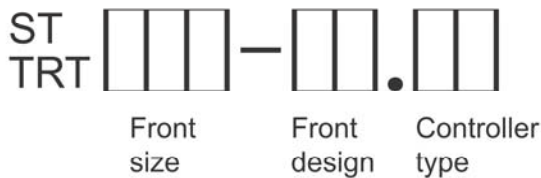
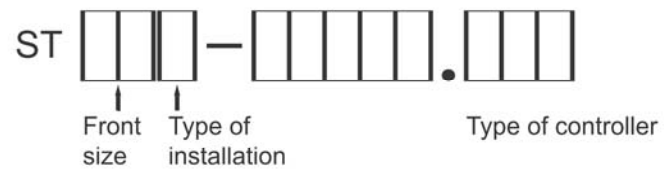


	1st letter	2nd letter	Number	3rd letter	4th letter	5th letter	
	<b>Displays / keys</b>	<b>Switching outputs</b>	<b>Connection</b>	<b>Inputs</b>	<b>Power supply</b>	<b>COM</b>	
<b>A</b>	One 2-digit display	1 normally open contact	No number:	1 x Pt100 2L	230V AC	AS-i	<b>A</b>
<b>B</b>	One 3-digit display	1 changeover contact	plug and socket	1 x Pt100 3L	115V AC		<b>B</b>
<b>C</b>	One 4-digit display	2 normally open contacts		2 x Pt100 2L	24V AC		<b>C</b>
<b>D</b>		2 normally open contacts with common root	1:	2 x Pt100 3L	24V DC		<b>D</b>
<b>E</b>	One 3-digit display, 2 keys	2 changeover contacts	Screw terminal	3 x Pt100 2L	24V DC/DC		<b>E</b>
<b>F</b>	One 3-digit display, 3 keys	1 normally open contact, 1 changeover contact		5 x Pt100 2L	115/230V AC		<b>F</b>
<b>G</b>	One 3-digit display, 3 keys, 1 LED	1 hybrid contact	2:				<b>G</b>
<b>H</b>		3 contacts	Flat plug	1 x Pt100 3L, 4...20mA			<b>H</b>
<b>I</b>	One 3-digit display, 3 keys, 3 LED	3 normally open contacts with common root					<b>I</b>
<b>J</b>	One 3-digit display, 4 keys, 3 LED	2 contacts + AC ventilator	3:	1 x PTC			<b>J</b>
<b>K</b>	One 3-digit display, 5 keys, 3 LED	3 contacts + AC ventilator	Cage Clamp	2 x PTC			<b>K</b>
<b>L</b>	One 3-digit display, 6 keys	3 contacts + DC ventilator		3 x PTC		LON/FTT	<b>L</b>
<b>M</b>	One 4-digit display, 3 keys, 1 LED	2 contacts + DC ventilator	4:	4 x PTC		LON/485	<b>M</b>
<b>N</b>	One 4-digit display, 3 keys, 3 LED	3 normally open contacts, 1 changeover contact	Wieland terminal, plug and socket	5 x PTC		LON+485	<b>N</b>
<b>O</b>		3 normally open contacts with common root, 1 normally open contact		2 x PTC + 4-20mA			<b>O</b>
<b>P</b>	One 4-digit display, 5 keys, 3 LED	4 contacts		1 x thermocouple J/K		Profi-bus	<b>P</b>
<b>Q</b>	One 4-digit display, 6 keys	5 contacts		1 x thermocouple S			<b>Q</b>
<b>R</b>	Two 3-digit display, 3 keys	6 contacts		2 x thermocouple J/K		RS485	<b>R</b>
<b>S</b>	Two 3-digit display, 5 keys	2 normally open contacts with common root L, 3xN, 3xPE				RS232	<b>S</b>
<b>T</b>	Two 4-digit display, 3 keys	3 normally open contacts with common root L, 3xN		Multi sensor input			<b>T</b>
<b>U</b>	Two 4-digit display, 4 keys			Universal sensor input	90...250 V AC		<b>U</b>
<b>Y</b>	Two 4-digit display, 5 keys						<b>Y</b>
<b>W</b>	Two 3-digit display, 4 keys	6 normally open contacts with common root, 1 normally open contact		1 x 0...10V			<b>W</b>
<b>V</b>	One 4-digit display, 7 keys	1 normally open contact, 1 SSR		1 x 4...20mA	12-24V AC 16-36V DC		<b>V</b>
<b>Z</b>							<b>Z</b>
<b>X</b>	Special execution	Special execution		Special execution	Special execution		<b>X</b>



Designation system for front panel elements



**Code no. Front size (width x height)**

46	Rail mounted controller
48	48 x 48 mm
50	48 x 96 mm
58	62 x 28 mm
64	64 mm round
70	72 x 36 mm
71	72 x 36 mm
72	72 x 72 mm
73	72 x 72 mm, housing 60mm round
710	84 x 42 mm
715	42 x 84 mm
90	96 x 48 mm
96	96 x 96 mm
142	144 x 96 mm
174	174 x 72 mm
175	72 x 174 mm
252	252 x 72 mm

**Front size Type of installation**

18	0 Desk casing (only ST180)
50	1 Front side mounting horizontal
55	2 Back side mounting horizontal
60	3 Wall mounting horizontal
65	4 Back side mounting horizontal without foil
70	5 Front side mounting vertical
75	6 Back side mounting vertical
80	7 Wall mounting vertical
	8 Back side mounting vertical without foil
	9 Customised design

Example: ST605 = Front side mounting 106 x 166mm, vertical execution

**Front design indicator units**

Code no.	Displays
01	One 3-digit display
02	One 4-digit display
03	One 2-digit display with minus sign
09	Selector switch

**Controller type**

Code no.	Controller type, outputs (max.)
01	Thermostat, 2+1 outputs
02	PID-Regler, 3+1 outputs
03	Thermostat, 3 outputs
04	Differential controller, 3+1 outputs
05	Two-channel controller, 2+1+1 outputs
06	Four-stage controller, 4+1 outputs
07	Timer switch, 2 outputs
08	Controller with ramp profile, 3+1 outputs
09	Deep-frying controller, 1 output
10	Thermostat, 1 output
11	Refrigerating controller, 1 output
12	Refrigerating controller, 2-4 outputs
13	Refrigerating controller, 3 outputs
14	Refrigerating controller, 4 outputs
15	Refrigerating controller, 4 outputs
16	Multi-stage controller
20	Thermostat, 2 outputs
25	Two-channel controller
26	Six-stage controller
3...	Controller with communication interface
100	Thermostat new generation
102	PID-Controller new generation
112	Refrigerating controller new generation

**Front design controller with setting knob**

Code No.	Displays
27	One 3-digit display
44	One 3-digit display

Exceptions: ST142-..., TRT...

**Front design controller with keypad**

Code no.	Displays, no. of keys
30	Two 3-digit displays, 3 keys
31	One 3-digit display, 3 keys
32	One 3(4)-digit display, 5 keys
33	Two 4-digit displays, 5 keys
34	One 4-digit display, 3 keys
35	Two 4-digit displays, 3 keys
36	Two 4-digit displays, 4 keys
37	Two 3-digit displays 3-stellig, 5 keys
38	One 3(4)-digit display, 4 keys
51	One 3-digit display, 2 keys

Exceptions: ST70-36..., TRT...

The designation code does not apply to units of the series TRK, TRL, TRM, TRS und TRW.