

 Keep these instructions with the controller!

Installation

Place of installation

- In a dry room (e.g. in the boiler room)
- Installation choices:
 - In a compact station
 - In a control panel (panel front, inner wall, or on a top hat rail)
 - In a control cabinet
 - In the sloping front of a control desk
- Permissible ambient temperature: 0...50 °C

Electrical installation

- Local regulations for electrical installations must be complied with
- Only qualified personnel may carry out the electrical installation
- Cable strain relief must be ensured
- Cable glands must be made of plastic
- Cables from the controller to the actuating devices and pumps carry mains voltage
- Sensor cables must not be run parallel to mains carrying cables
- A defective or apparently damaged unit must immediately be disconnected from power

Permissible cable lengths

- For all sensors and thermostats:

| | |
|----------------------------------|------------|
| Copper cable 0.6 mm dia. | max. 20 m |
| Copper cable 1.0 mm ² | max. 80 m |
| Copper cable 1,5 mm ² | max. 120 m |
- For room units:

| | |
|---------------------------------------|-----------|
| Copper cable 0.25 mm ² | max. 25 m |
| Copper cable from 0.5 mm ² | max. 50 m |
- For data buses: As per Siemens specification in Basic System Data N2030 and Basic Engineering Data N2032

Mounting and wiring the base

Wall mounting

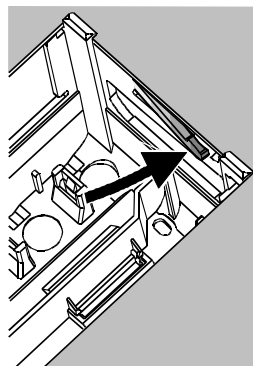
1. Remove base from controller.
2. Hold base against the wall. Marking TOP must be at the top!
3. Mark fixing holes on the wall.
4. Drill holes.
5. If required, knock out holes on the base to fit the cable glands.
6. Screw base to the wall.
7. Wire up the base.

Rail mounting

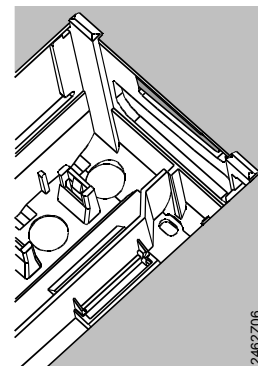
1. Fit top hat rail.
2. Remove base from controller.
3. If required, knock out holes on the base to fit the cable glands.
4. Fit base to the rail. Marking TOP must be at the top!
5. If required, secure the base (depending on type of rail used).
6. Wire up the base.

Flush-panel mounting

- Maximum thickness of front panel: 3 mm.
 - Required panel cutout: 138 × 92 mm.
1. Remove base from controller.
 2. If required, knock out holes on the base to fit the cable glands.
 3. Insert base in the panel cutout from behind until stop is reached. Marking TOP must be at the top!
 4. Push lateral tongues behind the front panel (see illustration).



Wrong



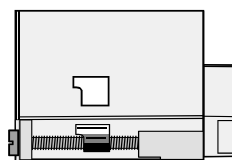
Correct

Place left and right tongue correctly – must not protrude inside the cutout!

5. Wire up the base. Cable lengths should be chosen such that sufficient space is left to open the control panel door.

Securing the controller to the base

1. Ensure correct position and location of the levers by turning the fixing screws. Symbol on lateral wall of the controller:



2. Insert controller in the base until stop is reached. Marking TOP must be at the top!
3. Tighten fixing screws alternately.

Commissioning

Preparatory checks

1. Do NOT turn on power yet.
2. Check wiring to ensure it accords with the plant's connection diagram.
3. Check each actuating device to see if ...
 - it is correctly installed (observe direction of flow indicated on valve body),
 - manual control is disengaged.
4. **Exercise caution in connection with floor and ceiling heating systems!**
 The limit thermostat must be correctly set. During the function check, the flow temperature must not exceed the maximum permissible level (usually 55 °C); if it does, proceed immediately as follows:
 - Either close the valve manually, or
 - Switch off the pump, or
 - Shut the pump isolating valve .
5. Turn on power. The display shows the time of day. If not, the reason may be one of the following:
 - No mains voltage
 - Main fuse defective
 - Main switch not set to ON
6. Addressing the room units:
 - Room unit heating circuit 1 = address 1 (factory setting)
 - Room unit heating circuit 2 = address 2

- Adopting a setting value:
 Setting value is adopted by selecting a new operating line or by pressing one of the operating mode buttons
- Enter --: / --:-- / --- (deactivation of function):
 Keep ◀ or ▶ depressed until the desired display appears
- Block jump function:
 To select an individual operating line quickly, 2 button combinations can be used:
 Keep ▼ depressed and press ▶ to select the next higher line block
 Keep ▼ depressed and press ◀ to select the next lower line block
- When pressing one of the buttons, the display lighting is switched on for a certain time

General information about operation

- Setting elements for commissioning:
 - Readjustment of room temperature: Via setting knob, **separately for heating circuits 1 and 2!**
 - Other variables: On the display; each setting is assigned an operating line. **If required, make separate settings for heating circuits 1 and 2!**
- Buttons for selection and adjustment of values:
 - ▼ Press to select the next lower operating line
 - ▲ Press to select the next higher operating line
 - ◀ Press to decrease the displayed value
 - ▶ Press to increase the displayed value

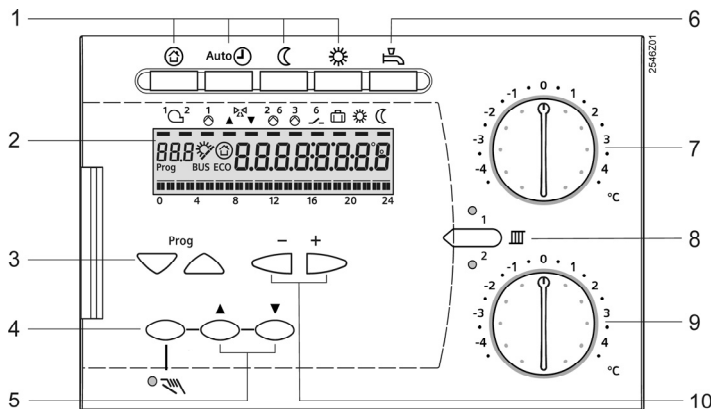
Setting procedure

1. Make the required settings on the "End-user" level (operating lines 1...50).
2. Configure plant type on operating line 51.
3. Enter the relevant settings on the parameter list below. All functions and operating lines required for the configured plant type are activated and adjustable; all operating lines that are not required cannot be accessed.
4. Make the required settings on the "Heating engineer" level (operating lines 61...208).

Commissioning and function check

- Operating lines especially for the function check:
 - 161 = simulation of outside temperature
 - 162 = relay test
 - 163 = sensor test
 - 164 = display of setpoint
- If **Er** (error) appears on the display: Query operating line 50 to pinpoint the fault
- If no operating line is selected for 30 minutes, or if one of the operating mode buttons is pressed, the controller switches to the "non-operated" state

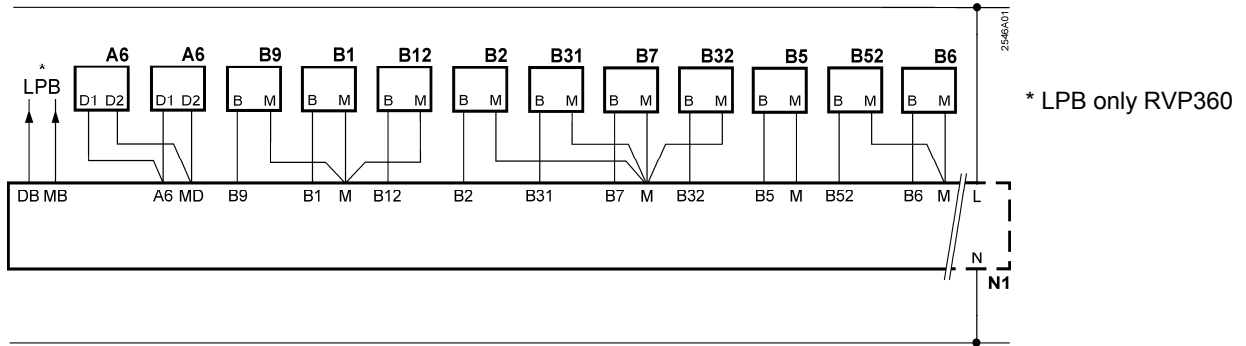
Setting elements



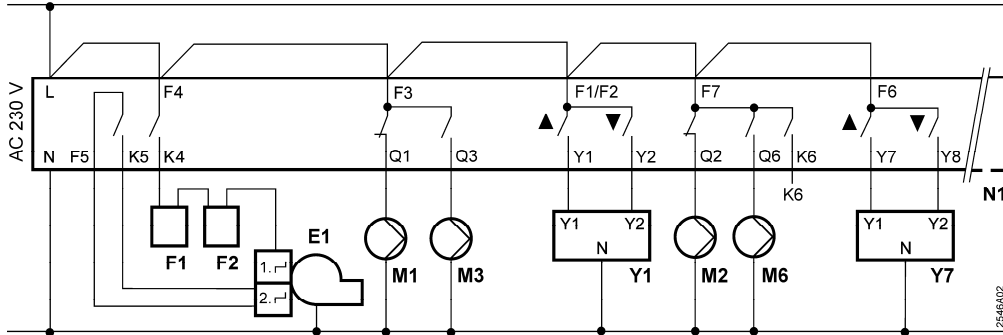
- 1 Buttons for selecting the operating mode
- 2 Display (LCD)
- 3 Buttons for selecting the operating lines
- 4 Button for manual control ON / OFF
- 5 Buttons for valve OPEN / CLOSE when manual control ON
- 6 Button for d.h.w. heating ON / OFF
- 7 Setting knob for readjusting the room temperature of heating circuit 1
- 8 Button for switching between the heating circuits
- 9 Setting knob for readjusting the room temperature of heating circuit 2
- 10 Buttons for adjusting values

Connection diagrams

Low-voltage side



Mains voltage side



- | | | | |
|-----|---|-----|--|
| A6 | Room unit | F1 | Thermal reset limit thermostat |
| B1 | Flow sensor heating circuit 1 | F2 | Safety limit thermostat |
| B12 | Flow sensor heating circuit 2 | K6 | Multifunctional output |
| B2 | Boiler sensor | LPB | Data bus (only RVP360) |
| B31 | D.h.w. storage tank sensor / thermostat | M1 | Circulating pump |
| B32 | D.h.w. storage tank sensor / thermostat | M2 | Heating circuit pump heating circuit 1 |
| B5 | Room sensor heating circuit 1 | M3 | Storage tank charging pump |
| B52 | Room sensor heating circuit 2 | M6 | Heating circuit pump heating circuit 2 |
| B6 | Collector sensor | N1 | Controller RVP36.. |
| B7 | Return sensor | Y1 | Actuator heating circuit 1 |
| B9 | Outside sensor | Y7 | Actuator heating circuit 2 |
| E1 | 2-stage burner | | |

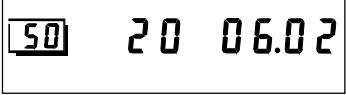
"End-user" level

To activate the "End-user" level, press ▾ or ▴.

Note: The settings made on the controller should be entered on the following parameter list and the Installation Instructions should be kept with the controller or in a suitable place.

➔ **Operating lines highlighted in grey require settings for heating circuit 1 (HC 1) and heating circuit 2 (HC 2)!**

| Line | Function, display | Factory setting (range) | HC 1 HC 2 | Explanations, notes and tips |
|------|---|----------------------------------|----------------------|--|
| 1 | Room temp. setpoint for NORMAL heating | 20.0 °C (0.0...35.0) | °C °C | |
| 2 | Room temp. setpoint for REDUCED heating | 14.0 °C (0.0...35.0) | °C °C | |
| 3 | Room temp. setpoint for holiday / protection mode | 10.0 °C (0.0...35.0) | °C °C | |
| 4 | Weekday, for entering the heating program | Current weekday (1...7 / 1-7) | | 1 = Monday 2 = Tuesday, etc. 1-7 = entire week |
| 5 | 1st heating phase, start of NORMAL heating | 6:00 (--:-- / 00:00...24:00) | ..... ..... | Scheduler program for heating circuit --:-- = phase deactivated |
| 6 | 1st heating phase, end of NORMAL heating | 22:00 (--:-- / 00:00...24:00) | ..... ..... |  |
| 7 | 2nd heating phase, start of NORMAL heating | --:-- (--:-- / 00:00...24:00) | ..... ..... |  |
| 8 | 2nd heating phase, end of NORMAL heating | --:-- (--:-- / 00:00...24:00) | ..... ..... |  |
| 9 | 3rd heating phase, start of NORMAL heating | --:-- (--:-- / 00:00...24:00) | ..... ..... |  |
| 10 | 3rd heating phase, end of NORMAL heating | --:-- (--:-- / 00:00...24:00) | ..... ..... |  |
| 12 | Date of first day of holiday | --:-- (01.01...31.12) | ..... ..... | dd.mm |
| 13 | Date of last day of holiday | --:-- (01.01...31.12) | ..... ..... | --:-- = holiday period deactivated |
| 14 | Heating curve, flow temperature setpoint at an outside temperature of 15 °C | 30 °C (20...70) | °C °C | |
| 15 | Heating curve, flow temperature setpoint at an outside temperature of -5 °C | 60 °C (20...120) | °C °C | |
| 26 | Setpoint for NORMAL d.h.w. temperature | 55 °C (20...100) | °C | |
| 27 | Display of current d.h.w. temperature | Display function | | |
| 28 | Setpoint for REDUCED d.h.w. temperature | 40 °C (8...80) | °C | |
| 31 | Weekday, for entering scheduler program 2 | Current weekday (1...7 / 1-7) | | 1 = Monday 2 = Tuesday, etc. 1-7 = entire week |
| 32 | Start of 1st ON phase | 5:00 (--:-- / 00:00...24:00) | ..... | Scheduler program 2 --:-- = phase deactivated |
| 33 | End of 1st ON phase | 22:00 (--:-- / 00:00...24:00) | ..... |  |
| 34 | Start of 2nd ON phase | --:-- (--:-- / 00:00...24:00) | ..... |  |
| 35 | End of 2nd ON phase | --:-- (--:-- / 00:00...24:00) | ..... |  |
| 36 | Start of 3rd ON phase | --:-- (--:-- / 00:00...24:00) | ..... |  |
| 37 | End of 3rd ON phase | --:-- (--:-- / 00:00...24:00) | ..... |  |

| | | | | |
|----|-----------------------|---|------------------------|--|
| 38 | Time of day | hh:mm (00:00...23:59) | ..... |  |
| 39 | Weekday | Display function | | 1 = Monday 2 = Tuesday, etc. |
| 40 | Date | dd.mm (01.01...31.12) | ..... |  |
| 41 | Year | yyyy (2009...2099) | ..... |  |
| 50 | Faults | Display function | | 10 = fault outside sensor B9 20 = fault boiler sensor B2 30 = fault flow sensor B1, heating circuit 1 32 = fault flow sensor B12, heating circuit 2 40 = fault primary return sensor B7 50 = fault storage tank sensor B31 52 = fault storage tank sensor B32 60 = fault room sensor B5, heating circuit 1 61 = fault room unit A6, heating circuit 1 62 = device with wrong PPS identification connected, heating circuit 1 65 = fault room sensor B52, heating circuit 2 66 = fault room unit A6, heating circuit 2 67 = device with wrong PPS identification connected, heating circuit 2 73 = fault collector sensor B6 81 = short-circuit on data bus (LPB) 82 = 2 devices with the same bus address (LPB) 86 = short-circuit PPS 100 = 2 clock time masters (LPB) 140 = inadmissible bus address (LPB) |
| | | Example: Interconnected system | | |
| | |  | | |
| | | 20 | = error code | |
| | | 06 | = segment number (LPB) | |
| 02 | = device number (LPB) | | | |

"Heating engineer" level

To activate the "Heating engineer" level, press ∇ and \triangle simultaneously for 3 seconds. This level is used to configure the plant type and to set the plant-specific variables.

- The "End-user" level also remains activated when on the "Heating engineer" level.

Note: The heating engineer should enter the function of "Scheduler program 2" in the Operating Instructions.

Configuring the plant type:

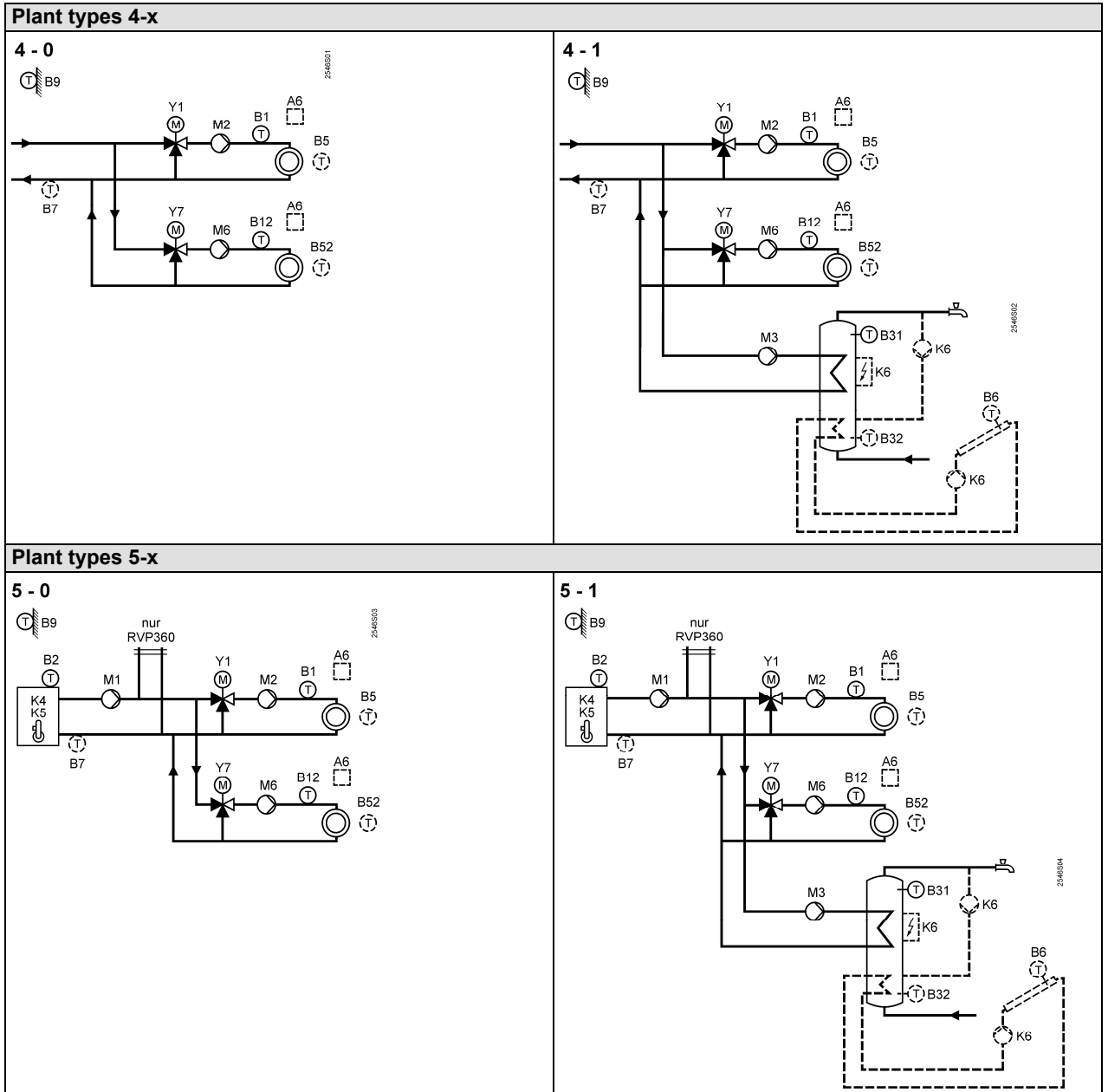
Select the required plant type on operating line 51 (see the following plant diagrams). This activates all functions needed for the particular type of plant and the required operating lines appear.



Example:
 Display for plant type 5-1
 51 Operating line
 5 Heating circuit type
 1 D.h.w. type

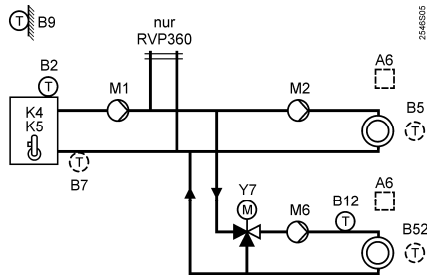
Plant types

For meaning of symbols, refer to "Connection diagrams".

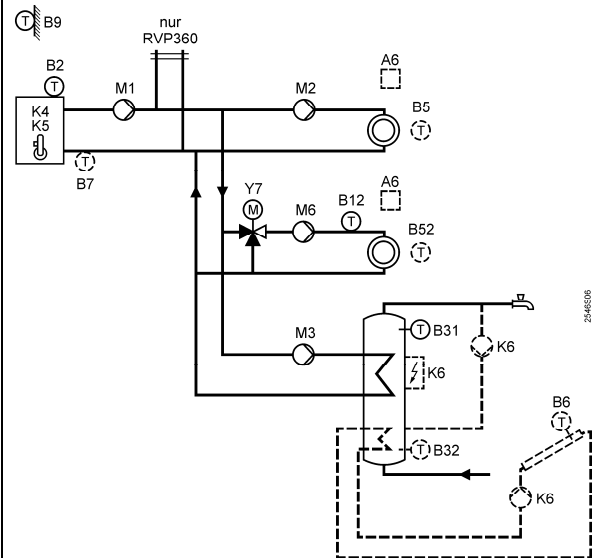


Plant types 6-x

6 - 0



6 - 1



Function block "Plant configuration"

| | | | | |
|----|------------|--------------------|-------|------------------------------|
| 51 | Plant type | 5-1 (4-0...6-1) | | See the plant diagrams above |
|----|------------|--------------------|-------|------------------------------|

Function block "Space heating"

| | | | | |
|----|---|--------------------------------|----------------------|--|
| 61 | Heating limit NORMAL (ECO day) | 17.0 °C (--- / -5.0...25.0) | °C °C | --- = function deactivated |
| 62 | Heating limit REDUCED (ECO night) | 5.0 °C (--- / -5.0...25.0) | °C °C | --- = function deactivated |
| 63 | Building time constant | 20 h (0...50) | h | 10 h = light building construction 20 h = medium building construction 50 h = heavy building construction |
| 64 | Quick setback | 1 (0 / 1) | ..... ..... | 0 = without quick setback 1 = with quick setback |
| 65 | Room temperature source | A (0...3 / A) | ..... ..... | 0 = no room sensor available 1 = room unit connected to terminal A6 2 = room sensor connected to terminal B5 3 = mean value of both devices connected to terminals A6 and B5 (heating circuit 1) and / or A6 and B52 (heating circuit 2) A = automatic selection |
| 66 | Type of optimization | 0 (0 / 1) | ..... ..... | 0 = optimization with room model 1 = optimization with room unit / room sensor (setting 0 only provides optimum start control) |
| 67 | Maximum heating up period | 0:00 h (0:00...42:00) | h h | Maximum forward shift for switching on before occupancy starts 0:00 = no optimum start control |
| 68 | Maximum early shutdown | 0:00 h (0:00...6:00) | h h | Maximum forward shift for switching off before occupancy ends 0:00 = no optimum stop control |
| 69 | Maximum limitation of room temperature | -- °C (-- / 0.0...35.0) | °C °C | --- = limitation deactivated, function can only be provided with room unit / room sensor |
| 70 | Influence of room temperature (gain factor) | 4 (0...20) | ..... | Function can only be provided with room unit / room sensor |
| 71 | Boost of room temperature setpoint on boost heating | 5 °C (0...20) | °C °C | |

Function block "Pump heating circuit"

| | | | | |
|----|---|--------------|----------------|---|
| 75 | Overtemperature protection for the pump heating circuit | 1 (0 / 1) | | 0 = without overtemperature protection 1 = with overtemperature protection Note: Can only be set for heating circuit 1 |
|----|---|--------------|----------------|---|

Function block "Actuator heating circuit"

| | | | | |
|-----|---|----------------------------|----------------------|--|
| 81 | Maximum limitation flow temperature | --- °C (--- / 0...140) |°C .....°C | --- = function deactivated Caution: This is not a safety function! |
| 82 | Minimum limitation flow temperature | --- °C (--- / 0...140) |°C .....°C | --- = function deactivated Caution: This is not a safety function! |
| 83* | Maximum rate of flow temperature increase | --- K/h (--- / 1...600) |K/h.....K/h | --- = function deactivated |
| 84* | Setpoint boost mixing valve | 10 K (0...50) |K.....K | |
| 85* | Actuator running time | 120 s (30...873) |s.....s | |
| 86* | P-band of control | 32.0 K (1.0...100.0) |K.....K | Settings only required for 3-position control |
| 87* | Integral action time of control | 120 s (10...873) |s.....s | |
| 88* | Type of actuator | 1 (0 / 1) | ..... ..... | 0 = 2-position control 1 = 3-position control |
| 89* | Switching differential | 2 K (1...20) |K.....K | Setting only required for 2-position control |

* **Note:** Operating lines 83 through 89 with plant type 6-x can only be set for heating circuit 2!

Function block "Boiler"

| | | | | |
|----|--|------------------------|----------------|---|
| 91 | Boiler operating mode | 0 (0...2) | ..... ..... | 0 = with manual shutdown (button ☹) 1 = with automatic shutdown (OFF when there is no demand for heat) 2 = without shutdown |
| 92 | Maximum limitation boiler temperature | 95 °C (25...140) |°C | Caution: This is not a safety function! |
| 93 | Minimum limitation boiler temperature | 10 °C (5...140) |°C | |
| 94 | Switching differential boiler | 6 K (1...20) |K | |
| 95 | Minimum limitation burner running time | 4 min (0...10) |min | |
| 96 | Burner stage 2 release integral | 50 °Cxmin (0...500) |°Cxmin | |
| 97 | Burner stage 2 reset integral | 10 °Cxmin (0...500) |°Cxmin | |
| 98 | Burner stage 2 locking time | 20 min (0...40) |min | |
| 99 | Operating mode pump M1 | 1 (0 / 1) | ..... ..... | 0 = without shutdown on protective boiler startup 1 = with shutdown on protective boiler startup |

Function block "Limitation of return temperature"

| | | | | |
|-----|--|---------------------------|---------|----------------------------|
| 101 | Setpoint return temperature limitation, constant value | --- °C (--- / 0...140) |°C | --- = function deactivated |
|-----|--|---------------------------|---------|----------------------------|

Function block "D.h.w."

| | | | | | | |
|-----|---|---------------------------|----------|---|--|-------------------|
| 121 | Assignment of d.h.w. (only RVP360) | 0 (0...2) | ..... | D.h.w. heating for 0 = locally 1 = all controllers in the interconnected system having the same segment number 2 = all controllers in the interconnected system | | |
| 123 | Release of d.h.w. heating | 2 (0...2) | ..... | 0 = always (24 h/day) 1 = according to heating program(s), depending on setting made on operating line 121 Start of release is shifted forward by 1 hour 2 = according to scheduler program 2 Note: This setting is to be entered in the Operating Instructions. | | |
| 124 | D.h.w. priority | 0 (0...4) | ..... |  | Priority of d.h.w. \| Flow temperature setpoint according to: | |
| | | | | 0 = | absolute | D.h.w. |
| | | | | 1 = | shifting | D.h.w. |
| | | | | 2 = | shifting | Maximum selection |
| | | | | 3 = | none (parallel) | D.h.w. |
| 4 = | none (parallel) | Maximum selection | | | | |
| 126 | D.h.w. storage tank sensor / thermostat | 0 (0...5) | ..... | 0 = one sensor 1 = two sensors 2 = one thermostat 3 = two thermostats 4 = one sensor with solar d.h.w. heating 5 = two sensors with solar d.h.w. heating | | |
| 127 | Boost d.h.w. charging temperature | 10 K (0...50) |K | | | |
| 128 | Switching differential d.h.w. | 8 K (1...20) |K | | | |
| 129 | Maximum period d.h.w. charging | 60 min (--- / 5...250) |min | --- = no limitation of charging time | | |
| 130 | Setpoint legionella function | --- °C (-- / 20...100) |°C | --- = function deactivated | | |
| 131 | Forced charging | 0 (0 / 1) | ..... | 0 = without forced charging 1 = with daily forced charging on first release | | |

Function block "Multifunctional relay"

| | | | | | |
|-----|-----------------------------------|---|-------|---|--|
| 141 | Function multifunctional relay K6 | <p>RVP360 Plant types x-0 0 (0...2) Plant types x-1 0 (0...9)</p> <p>RVP361 Plant types x-0 0 (0...2) Plant types x-1 0 (0...7)</p> | | <p>0 = no function 1 = relay energized in the event of fault 2 = relay energized when there is demand for heat 3 = circulating pump ON 24 hours per day 4 = circulating pump ON according to the heating program(s), depending on the setting made on operating line 121 5 = circulating pump ON according to scheduler program 2 6 = collector pump 7 = electric immersion heater, changeover heating / electric according to own controller 8 = electric immersion heater, changeover heating / electric according to all controllers in the interconnected system having the same segment number 9 = electric immersion heater, changeover heating / electric according to all controllers in the interconnected system</p> <p>Caution: Wrong configurations will not be prevented!</p> | |
|-----|-----------------------------------|---|-------|---|--|

Function block "Legionella function"

| | | | | |
|-----|--|--------------------------|----------|--|
| 147 | Periodicity of legionella function | 1 (0...7) | ..... | 0 = daily 1 = Mondays 2 = Tuesdays, etc. |
| 148 | Starting point legionella function | 05:00 (00:00...23:50) | ..... | hh:mm |
| 149 | Dwelling time at legionella setpoint | 30 min (0...360) |min | |
| 150 | Circulating pump runs during legionella function | 1 (0 / 1) | ..... | 0 = no 1 = yes |

Function block "Service functions and general settings"

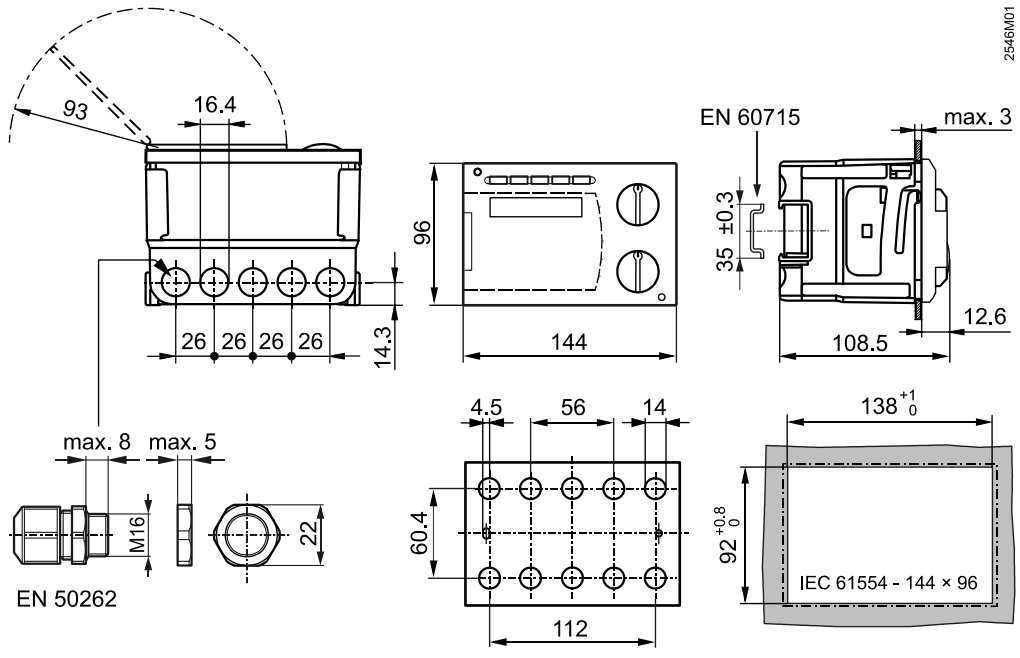
| | | | | |
|-----|--|--------------------------------|----------|---|
| 161 | Simulation of outside temperature | -- °C (--.- / -50.0...50.0) | °C | Simulation is automatically ended after 30 minutes --.- = no simulation |
| 162 | Relay test | 0 (0...12) | | 0 = normal operation (no test) 1 = all relays deenergized 2 = relay K4 energized 3 = relays K4 and K5 energized 4 = relay Q1 energized 5 = relay Q3 energized 6 = relay Y1 energized 7 = relay Y2 energized 8 = relay Q2 energized 9 = relay Q6 energized 10 = relay K6 energized 11 = Relay Y7 energized 12 = Relay Y8 energized <i>Ending the relay test:</i> • Select another operating line • Press an operating mode button • Automatically after 30 minutes Caution: Before making the relay test, always close the main valve! |
| 163 | Sensor test Sensor: --- = interruption / no sensor ooo = short-circuit Thermostat: --- = contact open ooo = contact closed | 0 (0...11) | | 0 = B9 outside sensor 1 = B1 Flow sensor 2 = B5 room sensor 3 = A6 room unit sensor 4 = B7 return sensor 5 = B31 d.h.w. storage tank sensor / thermostat 6 = B32 d.h.w. storage tank sensor / thermostat 7 = B6 collector sensor 8 = B2 Boiler sensor 9 = B12 Flow sensor heating circuit 2 10 = B52 Room sensor heating circuit 2 11 = A6 room unit sensor, heating circuit 2 |
| 164 | Display of setpoint --- = no setpoint available | 0 (0...11) | | 0 = no function 1 = B1 flow temperature setpoint 2 = B5 room temperature setpoint 3 = A6 room temperature setpoint 4 = B7 return temperature setpoint 5 = B31 d.h.w. temperature setpoint 6 = B32 d.h.w. temperature setpoint 7 = B6 collector setpoint 8 = B2 boiler temperature setpoint (switch-off point) 9 = B12 flow temperature setpoint heating circuit 2 10 = B52 room temperature setpoint heating circuit 2 11 = A6 room temperature setpoint heating circuit 2 |

| | | | | |
|-----|--|-----------------------------|------------------|---|
| 167 | Outside temperature for frost protection for the plant | 2.0 °C (-- / 0.0...25.0) | °C | -- = no frost protection for the plant |
| 168 | Flow temperature setpoint for frost protection for the plant | 15 °C (0...140) | °C | |
| 169 | Device number | 0 (0...16) | ..... | Data bus address (LPB) 0 = device without bus |
| 170 | Segment number | 0 (0...14) | ..... | Data bus address (LPB) |
| 173 | Locking signal gain | 100% (0...200) |%% | Response to locking signals |
| 174 | Pump overrun time | 6 min (0...40) |min | |
| 175 | Pump kick | 0 (0 / 1) | ..... | 0 = without periodic pump run 1 = with weekly pump run |
| 176 | Changeover winter- / summertime | 25.03 (01.01...31.12) | ..... | Setting: Earliest possible changeover date |
| 177 | Changeover summer- / wintertime | 25.10 (01.01...31.12) | ..... | Setting: Earliest possible changeover date |
| 178 | Clock mode | 0 (0...3) | ..... | 0 = autonomous clock in the controller 1 = clock from bus (slave), without remote readjustment 2 = clock from bus (slave), with remote readjustment 3 = controller is the central clock (master) |
| 179 | Bus power supply, operating mode and status indication | A (0 / 1 / A) | ..... | 0 = OFF (no bus power supply) 1 = bus power supply ON A = automatic bus power supply |
| 180 | Outside temperature source | A (A / 00.01...14.16) | ..... | A = automatic or segment and device number |
| 194 | Hours run counter | Display function | | |
| 195 | Software version | Display function | | |

Function block "Solar d.h.w."

| | | | | |
|-----|---|-----------------------------|-----------|--|
| 201 | Temperature differential solar ON | 8 K (0...40) |K | Temperature differential of collector and storage tank |
| 202 | Temperature differential solar OFF | 4 K (0...40) |K | Temperature differential of collector and storage tank |
| 203 | Frost protection temperature for collector | --- °C (--- / -20...5) | °C | --- = no frost protection for the collector |
| 204 | Overtemperature protection for collector | 105 °C (--- / 30...240) | °C | --- = no overtemperature protection for the collector |
| 205 | Evaporation temperature of heat conducting medium | 140 °C (--- / 60...240) | °C | --- = no protection for the collector pump |
| 206 | Maximum limitation of charging temperature | 80 °C (8...100) | °C | |
| 207 | Maximum limitation of storage tank temperature | 90 °C (8...100) | °C | Caution: This is not a safety function! |
| 208 | Collector start function gradient | --- min/K (--- / 1...20) |minK | --- = function deactivated |

Dimensions



2546M01

[mm]