



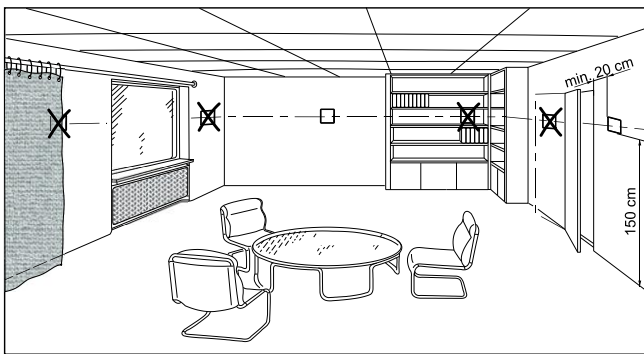
RDF300.02/SRL

Mounting Instructions for Shangri-la Hotels

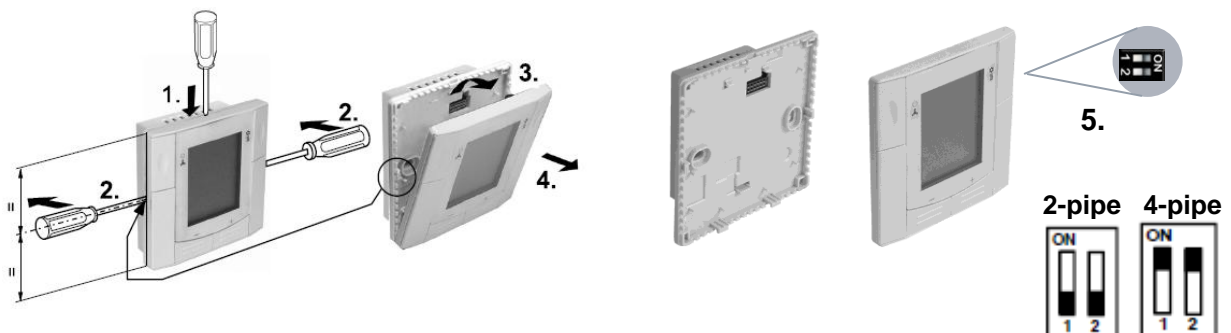
Note: please refer to the installation manual **M3076** for more details

Mounting locations

Mount the thermostat on a recessed square conduit box with fixed centers of 60.3 mm. Do not mount in niches or bookshelves, behind curtains, above or near heat sources and wind outlets or inlets, and exposed to direct radiation. Mount about 1.5 m above the floor.



Application settings and removal of front panel



If the unit is new, the front panel is separated from the mounting plate as shown in **point 5** above. Select applications according to the dip switch settings.

To remove the front panel, proceed as follows:

1. Insert the tool into the opening to disconnect the top of the front panel from the mounting plate.
2. Place the tool near the center at both sides and push inward.
3. Swing the top of the front panel downward.
4. Remove the panel from the mounting plate.
5. Check and select the desired applications (2-/4-pipe only) according to the dip switches shown.

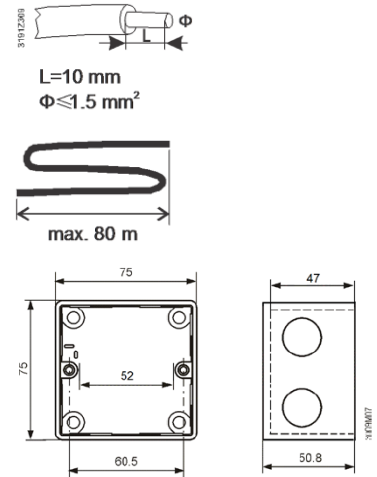
Preparation of wires and conduit box

Before installing the thermostat, prepare the wires according to the diagram on the right:

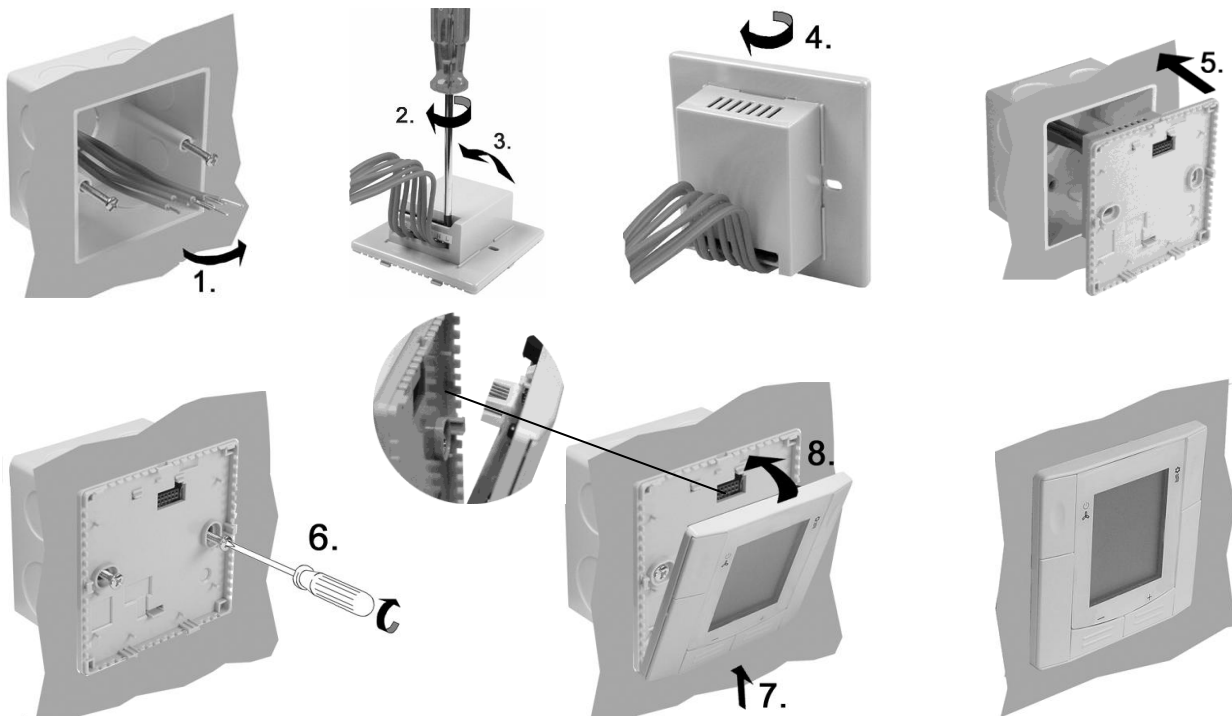
If an external temperature sensor is used, the sensor connection should be max. 80 m or calibration is required.

The 86x86 square conduit box used must be min. 40 mm deep for proper installation of RDF300.02/SRL thermostats.

Note: Dimensions provided are based on the Siemens ARG71 (S55770-T137) conduit box data sheet for reference only.



Installing the thermostat



To install the thermostat, proceed as follows:

1. Flush-mount the 86x square conduit box with both mounting holes oriented horizontally.
2. Make sure the wire length from the 86x square conduit box suffices and the wires are properly connected to all thermostat terminals.
3. Connect all wires to the terminals as shown.
4. Adjust all wires to prevent potential short-circuits between adjacent connections.
5. Push carefully the mounting plate towards the square conduit box.
6. Level the mounting holes of mounting plate with the conduit box, and make sure the conduit box is completely covered. Place the screws at the two mounting holes and tighten.
7. Place the bottom part of the front panel, and align with the two catches at the bottom of the mounting plate.
8. Slowly swing the front panel towards the mounting plate. To avoid damaging the pins, take extra care to ensure that the 16-way connector is connected properly between front panel and mounting plate. Then, press each side of the front panel to finish installation.