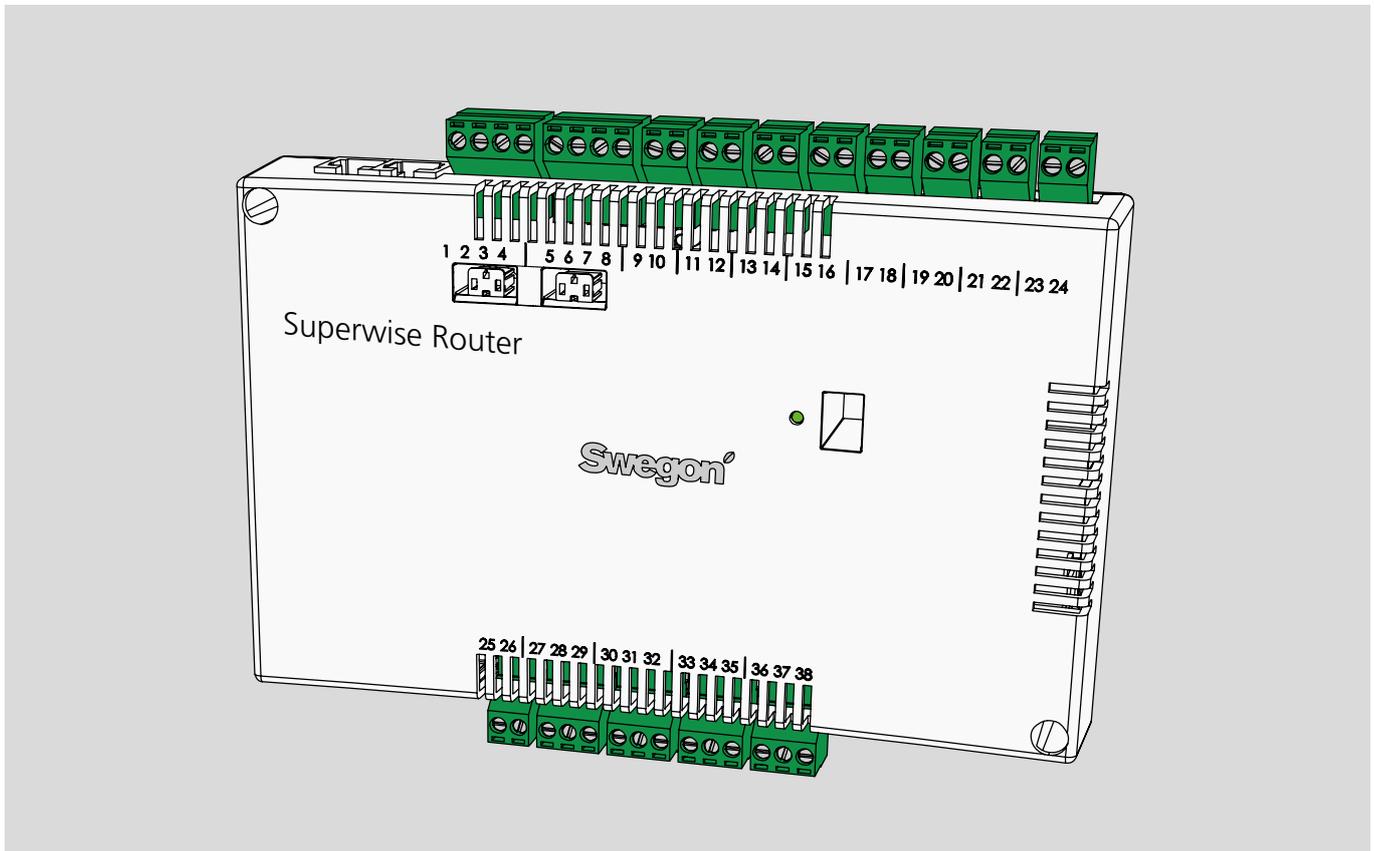


Super WISE[®] Router

Installation - Commissioning

2015-03-23



Super WISE Router

Project Design

The Super WISE Router is well suited for use in smaller ventilation systems in which zone control is not required, for example a system involving one ventilation unit per storey, or in a smaller building. Several Super WISE Routers can be subject to supervision of the same Super WISE if it is desirable to divide room supervision into several parts.

Commissioning

The Super WISE Router normally does not need to be commissioned; requires only to be assigned a Modbus ID.

The Modbus ID is set to 1 on delivery, and is adjustable via the hand-held thermostat (CONDUCTOR RU or TUNE Control). For further information about addressing, see the WISE Project Manual.

Installation

The Super WISE Router can be mounted directly on a wall, in plant rooms or out in the system.

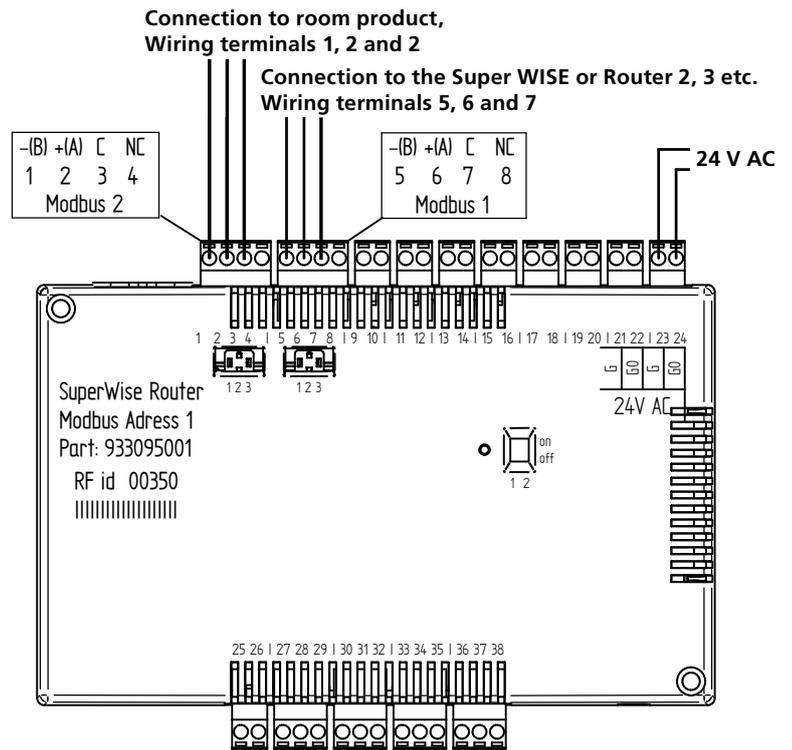
Connections

Normally only the power supply and communication for internal Modbus communication between Super WISE and room products are connected.

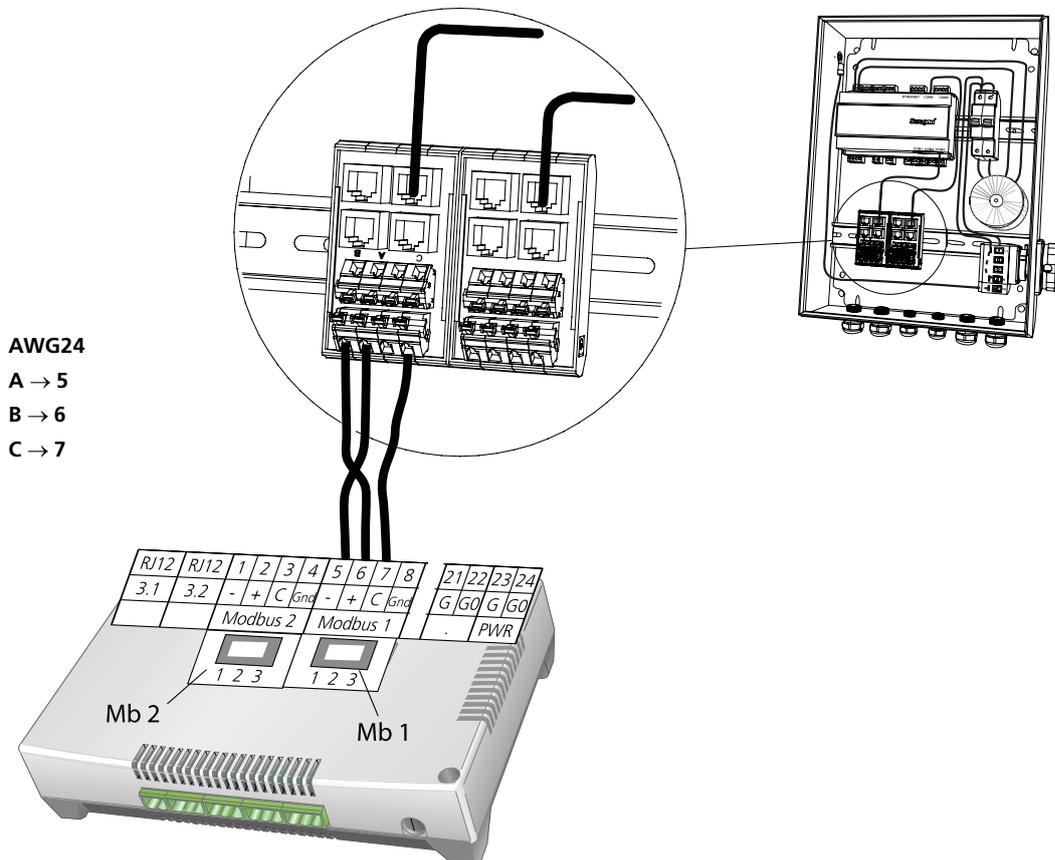
Connect to wiring terminals 5, 6 and 7 (Modbus loop 1) on the Super WISE as well as 1, 2 and 3 (Modbus loop 2) on the room products. Connect the 24 V AC supply voltage to terminals 23 and 24; see the wiring instructions.

Terminations Table

Pos. 1	Passive termination. Used when the product is placed first or last on the loop and there is one termination like Position 2 at the other end.
Pos. 2	Termination via internal pull-up resistor to ensure correct 0 level. One of the loop ends must be terminated in this way.
Pos. 3	Non-terminated. This setting is used on all units that are not placed first or last on the loop.



Wiring diagram for the Super WISE Router



Router for connection to the Super WISE.