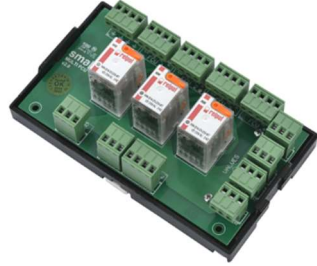**smallart**
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Features

- 220V AC, 50/60 Hz power supply
- 3-speed fan control
- 4x2A per relay current capable
- Up to 4 pcs. FCU control
- 2-4 pipe applications
- Heating/Cooling Valve connection connectors
- Easy cable wiring with suitable terminal blocks
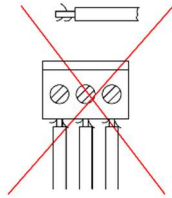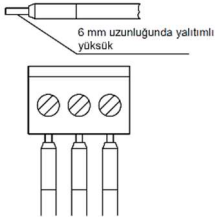- IP65 plastic enclosure

Applications

MF100 multiplexer modules are used in building automation and HVAC applications. The module is used to multiplex the fan coil unit. It can multiplex up to 4 pcs of FCU units.

Notes on Usage

Please, read this datasheet carefully. MF100module safety rules in accordance with the latest technological developments designed and manufactured. To avoid injury and property damage safety warnings must be observed.

Security Advice-Caution

Installation, maintenance, and repair of the device should be done by authorized service. External protection with a suitable circuit breaker required in all cases. Disconnect from power supply before making any changing on the module.

6 mm uzunluğunda yalıtımlı yüksük

The ends of the connecting cables must be protected against delamination using insulated ferrules as shown in the figure.

Ordering Information

Product Code	Description	Power
MF100 Multiplexer Module	3 Speed Fan Control (Relay) Up to 4 pcs FCU control 2-4 pipe applications	Max. 4x2 Amper Per Relay

Technical Specification

Power Supply	220V AC 50/60Hz
Power Consumption	Max. 4x2 Amper per relay
Operating Temperature	0°C... +50°C
Storage Temperature	−20°C ... +70°C
Operating Humidity	%5….95 rh, Non-Condensing
Box Type	DIN Rail Plastic Enclosure
Cable Connected	Socket Terminal Block, max 1 x 2,5 mm²
Dimensions	157 x 103 x 50 mm (W x H x D)

Mounting Location

The device is suitable for rail mounting due to its structure. When mounting on rails, it is recommended to leave space for cable connections at the terminals of the device.

CAUTION: Power off supply at 10A-C type circuit breaker or glass fuse before installation to avoid fire, shock or death.
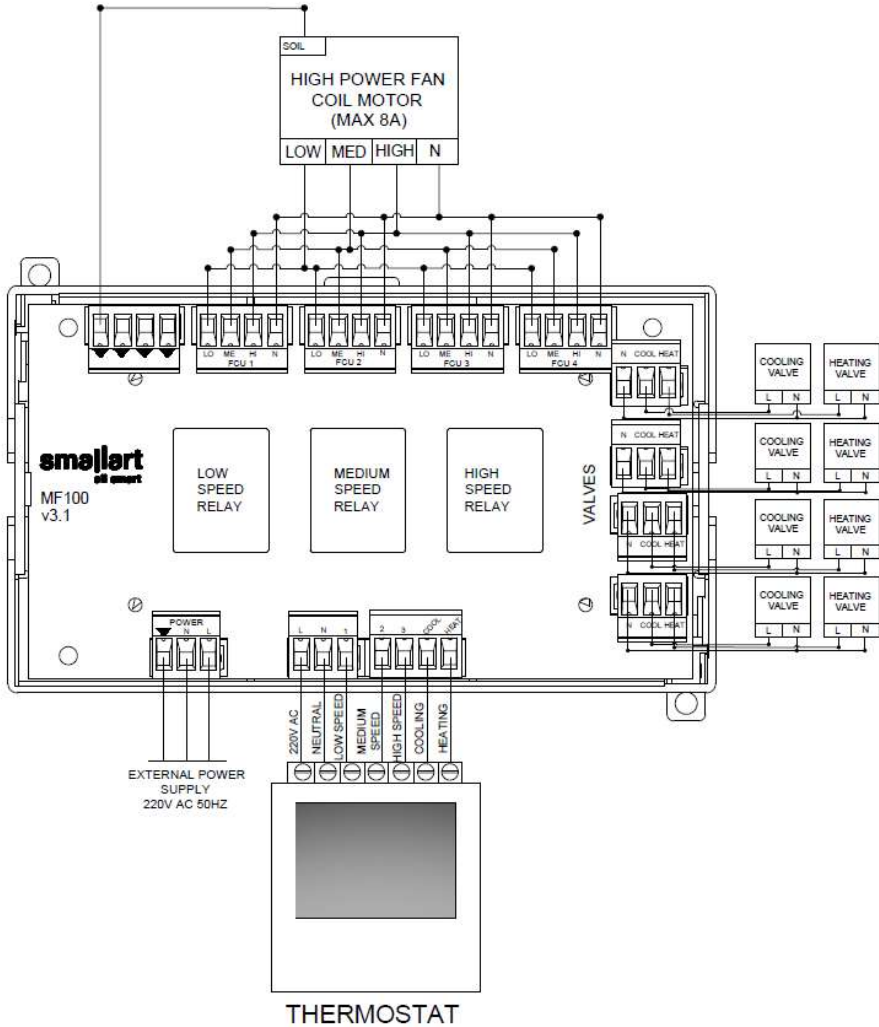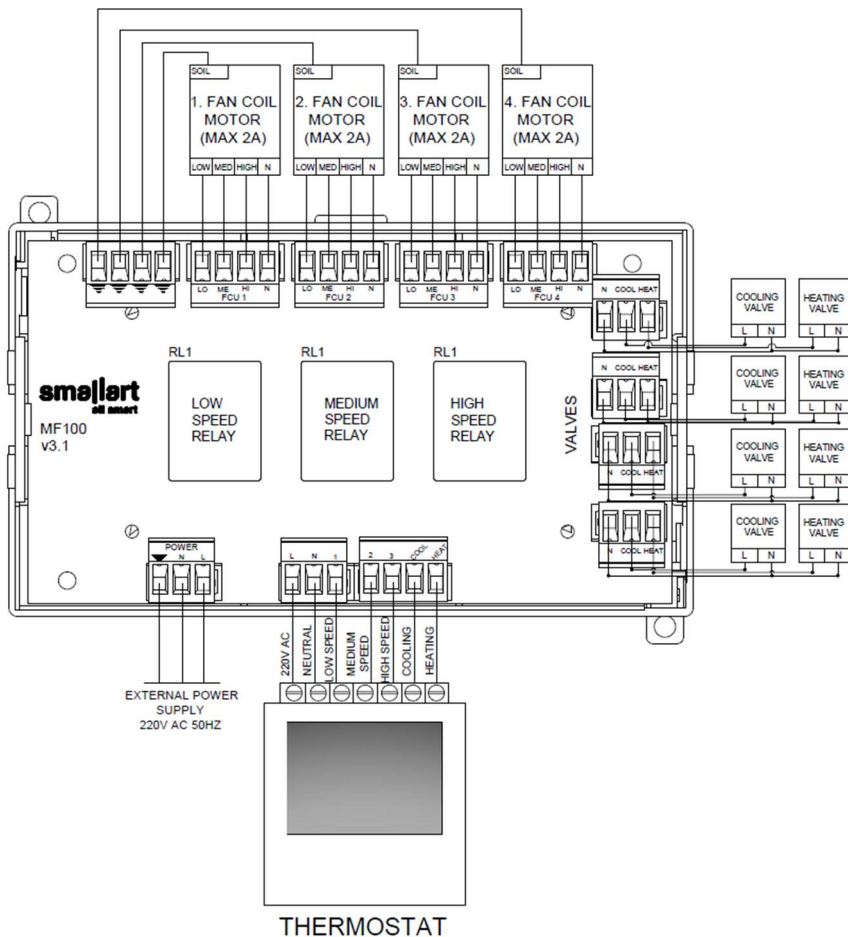
Mounting Instructions

Please follow below instructions during mounting.

1. **Step:** Make sure the device is powered OFF.
2. **Step:** Connect the wires well according to the connection diagrams below.
3. **Step:** Make sure that all connections are made well.
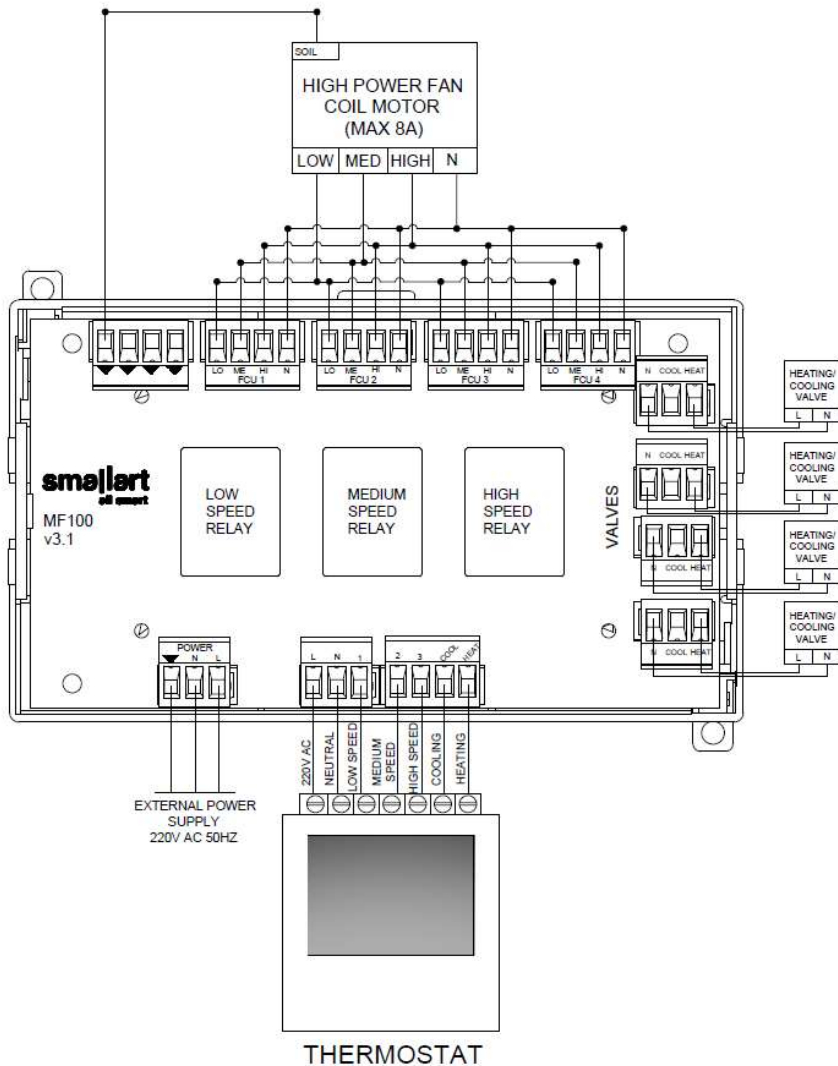4. **Step:** Power the device ON.

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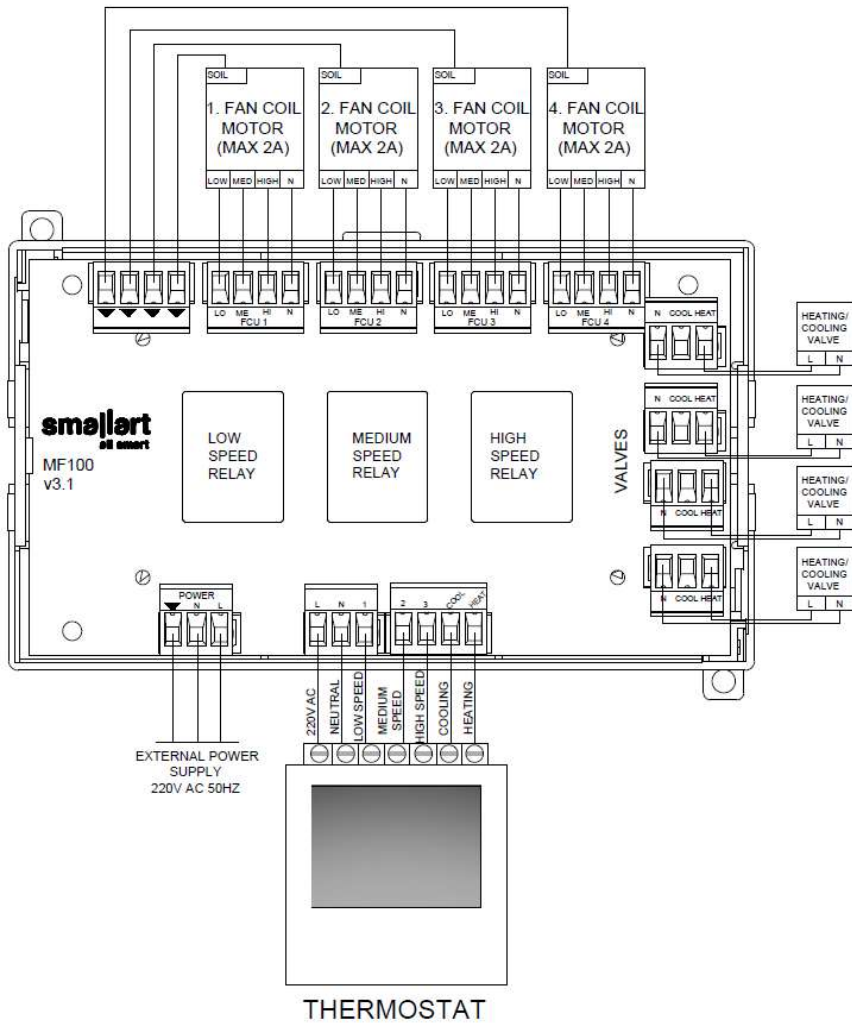
Connection Diagrams

MF100, Connection Diagram for 4 Pipe Systems

MF100, Connection Diagram for 4 Pipe Systems

MF100, Connection Diagram for 2 Pipe Systems

MF100, Connection Diagram for 2 Pipe Systems

Not: Please connect related valve output from the thermostat to the multiplexer module when 2-pipe application is used. So proper valve output can be achieved from the multiplexer module.

Dimensions(mm)

50mm

103mm

157mm