

Vent-Axia[®] HumidiSwitch[®]

Vent-Axia HumidiSwitch (563501D) Fitting & Wiring Instructions

IMPORTANT

*It is recommended that the HumidiSwitch is installed by a qualified electrician.
Mains supply must be isolated before making connection.
Connection to mains supply must be in accordance with current I.E.E. wiring regulations BS7671, local building and factory regulations.
Ensure safety regulations and practices are adhered to when installing and using this equipment.
The HumidiSwitch is double insulated (Class II) and must not be earthed.*

1. SITING

Place the HumidiSwitch as close as possible to the position in the room where condensation first starts. As this will probably be near the window ensure that the sun does not shine directly on the HumidiSwitch and affect its operation. The HumidiSwitch needs free air circulation and should not be sited closer than 100mm to the ceiling, cupboards etc. Do not site the HumidiSwitch directly above a cooker. Not only may this position be too hot, but the heat and grease smoke will affect the accurate working of the HumidiSwitch.

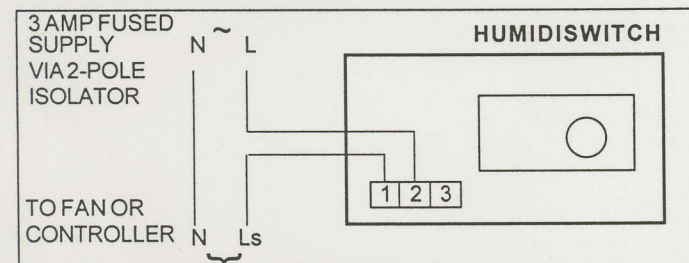
2. FIXING

Remove the front cover by depressing two catches on bottom edge and raising cover. Screw back plate to mounting surface using suitable fixings. Note that additional mounting holes can be revealed by removing the sensor module which is retained by catches top & bottom. Replace and snap back into position after mounting backplate.

3. WIRING

From 3A fused supply, connect live lead to Terminal 2 in HumidiSwitch. Connect Terminal 1 in HumidiSwitch to the live terminal in the fan or controller.

NOTE: The installer must fit an isolating switch which breaks both line and neutral whose contacts open to a gap of at least 3mm.



Connect to 2 and 1 for switch to operate on rise in humidity.
Connect to 2 and 3 for switch to operate on drop in humidity.
Check wiring, tightness of clamping screws and setting of HumidiSwitch
Replace front cover by locating top catches and snapping down over bottom catches.

4. SPECIFICATION

Max. voltage 240V A.C. Max. load 2 amps.
Operating differential \pm 4% R.H. Nylon band sensing element.
Snap action Micro-switch. Plastic base and case.



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