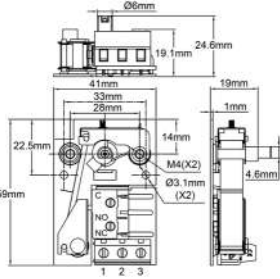
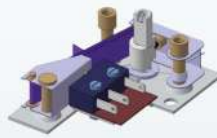
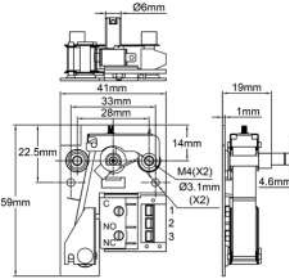


Miniature mechanical humidistat module, for incorporation. 30-100% relative humidity range

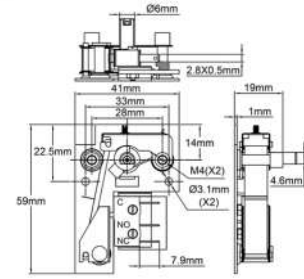
Type Q7A



Bottom side connection block



Right side connection block



Without connection block

MAIN FEATURES

APPLICATION: module for installation inside wall mounting housings, cabinet humidity housings, or mounting board of controls, to control fans, humidifier or dehumidifier. The incorporation and ingress protection must be made by the integrator

MEASURING ELEMENT: hygroscopic polymer film with special treatment, produced by Ultimheat, ensuring a fast response, long life and high stability

FRAME: stainless steel.

MOUNTING: two M4 screws, 28 mm distance (European standard). The steel frame has also 2 holes dia 3 mm allowing rear mounting

SETTING: dia. 6 mm shaft with a 4.6 flat, allowing the use of European standard knobs.

SHAFT ROTATION: 270 ° mechanical rotation

ADJUSTMENT RANGE: 30 to 100%, clockwise set point increase

CALIBRATION: at mid angulation, at 42% relative humidity and 22 °C ambience. Calibration point accuracy: + / - 5% relative humidity.

CONTACT: SPDT, silver contacts. Can be used in humidification, dehumidification or ventilation

ELECTRICAL RATING: 5A 250VAC, res.

ELECTRICAL CONNECTION:

- Connection block for wires up to 2.5 mm²
- Simplified version with micro-switch connection tabs 2.8 x 0.5 (MOQ apply)

AMBIENT:

- Ambient temperature: 5 to 85 °C
- Humidity: 5 to 95% (non condensing)
- Air velocity: 15m /s max

PRECAUTIONS FOR USE: This product is not intended for applications with voltages above 48V when there is a risk of condensation.

OPTIONS: Special rotation and humidity span, clockwise set point increase, special shaft diameter or length, gold plated contacts (MOQ and / or tooling costs apply)

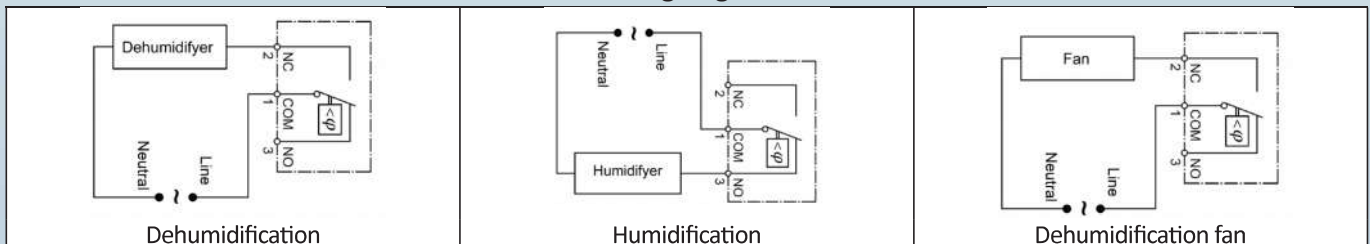
MAINTENANCE: No maintenance required in applications in dust free clean air. Solvent vapors, spray, aerosol, fume may contaminate the film and make it insensitive to humidity. Dust deposits increase response time and can be removed by smooth air spray.

References

Connection	3 x 2.5 mm ² connection block, bottom side	3 x 2.5 mm ² connection block, right side	Microswitch 3 tab terminals 2.8 x 0.5 mm
References	Q7A030100I001B00	Q7A030100I001R00	Q7A030100I001M00*

*MOQ apply

Wiring diagram



Accessories

<p>Printed knob</p> <p>66MZ0060301002FW</p>	<p>Bezel</p> <p>66EN1</p>	<p>Miniature knob</p> <p>66MCG060000020L0</p>	<p>Adhesive printed label</p> <p>66CG130030100BSY</p>
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