

Touch panel for automation, air conditioning and air quality

TW-FUSIONx-x

Description

Glass touch panel with 4 touch zones and a 1.3" colour display, designed to centralise automation, climate control and environmental information in a single interface. In systems with D-GATEWAY5 Pro, it can control up to 3 air-conditioning units via Modbus RTU. Integrated sensors display ambient temperature, humidity, dew point and air-quality information.

References

Glossy White:	TW-FUSIONG-W
Glossy Black:	TW-FUSIONG-B
Matte White:	TW-FUSIONM-W
Matte Black:	TW-FUSIONM-B
Matte White with lines:	TW-FUSIONM-WX
Matte Black with lines:	TW-FUSIONM-BX

Features

Primary mode - Wall touch panel:

- 4 independently programmable keys;
- Selectable command for each key;
- 4 slide keys for up/down or on/off.

Secondary mode - Climate control:

- Quartz clock for stand-alone operation;
- Configurable special modes;
- Control of up to 3 Modbus RTU air-conditioning units;
- Air-conditioning error alerts and temperature calibration;

Other features:

- Displays temperature, humidity, dew point and air quality;
- Configurable screensaver, night mode, backlight and buzzer.

Application

Homes, Hotels, Offices and Factories.

Accessories

None.

Protections

Protection via isolated D-BUSSUPPLY circuit.

Notes

- Available and future features depend on the firmware version;
- Modbus RTU air-conditioning control requires D-GATEWAY5 Pro and compatible units.



Certifications

- EN 60669-2-1
- Low voltage directive 2014/35/EU
- EMC directive 2014/30/EU

Assembly

Mounting in an empty "W" box

Connections

24V DC	1 x 0.8 mm Ø wire
Ground	1 x 0.8 mm Ø wire
Bus	1 x 0.8 mm Ø wire

- a) 0.8 mm wire in an empty "W" box
- b) 4 conductors 2 x 2 x 0.8 mm (Y(St)Y)

Electrical characteristics

Power supply:	24VDC
Max. power Consumption :	0.6 W

Cleaning the touch panel



To clean your touch panels, use a damp cloth with diluted soap or detergent.

The use of glass cleaner, alcohol or thinner when in contact with the back weakens the glue and may lead to the replacement of the keyboard with the exclusion of warranty.

Warranty conditions

The warranty is 5 years. Keep the invoice preserved for this purpose. Warranty is void if the product shows

- changes to the labels surrounding the product;
- electrical damage caused by misuse;
- surface damage such as scratches, cuts and tears.

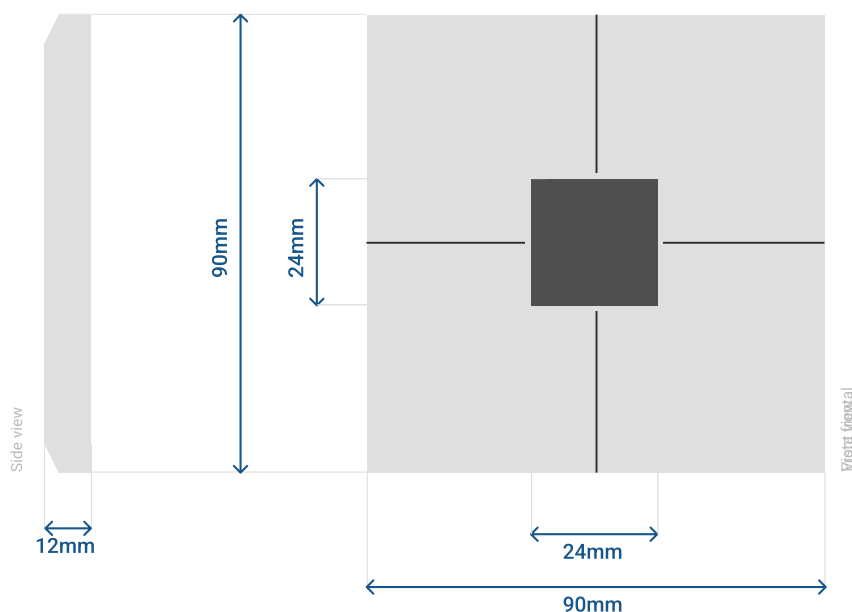


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Dimensions



Wiring diagram

