



FAN SPEED CONTROLLER

4 Channels Fan Module

Data Sheet Rev 3.1

Model: TIS-FAN-4CH



OVERVIEW

The Fan Module is a versatile solution for controlling up to 4 ceiling fan speeds through a DIN rail-mounted system. It integrates seamlessly with TIS automation, allowing for remote control via an app for convenient operation. The module also supports energy-saving features by linking with sensors, automatically adjusting fan speeds based on room conditions, optimizing comfort while reducing energy consumption. This efficient and flexible system offers an ideal solution for managing ceiling fans in both residential and commercial environments.

KEY BENEFITS

- + Control 4 Ceiling Fan Speeds
- + Remote Operation via TIS App
- + Energy-Saving with Sensor Integration
- + Flexible DIN Rail Mounting Solution

KEY FEATURES

- ★ Standard 35mm DIN-Rail Mountable
- ★ 4 Ceiling Fan Controllers with 6 Temperature Inputs
- ★ 3 Fan Speed Low Medium and High
- ★ Compatible with TIS-BUS Protocol



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TIS



PRODUCT SPECIFICATIONS

| | | | |
|---|---|------------------------------|--|
|  | Outputs | Number of channels | 4 |
| | | Nominal voltage | 0 – 230 V AC 50/60 Hz |
| | | Nominal current per channel | 5 A / 230 VAC |
| | | Maximum total channels load | 20 A / 230 VAC |
|  | Output service life | Mechanical service life | > 10,000,000 Times |
|  | Output switching times | Operating time | 15mS (at nomi. Volt) |
| | | Releasing time | 8 mS (at nomi. Volt) |
| | | Max. operating frequency | 20 cycle/min |
|  | TIS Bus | Number of devices on 1 line | Max. 64 |
| | | Bus voltage | 12-32 V DC |
| | | Current consumption (Normal) | <15 mA / 24 V DC |
| | | Current consumption (Peak) | <140 mA / 24 V DC |
| | | Protection | Reverse Polarity Protection |
|  | Inputs | Temperature | Resistive temperature sensor |
|  | Reaction time | | approx. 20ms |
|  | Operation & programmable options | Programming button/LED | For assignment of the physical address |
| | | 4 buttons | Change Fan speeds |
| | | By TIS bus | TIS Protocol messages and commands |
| | | Programming | Manual basic Prog. or by software. |
| | | Upgrading | By upgrading Software. |
|  | Mounting | Din Rail | Standard 35 mm Din rail |
| | | Wall mount | screw holder on the back of the module |
|  | Connection terminal | Load and Power | Screw terminal 0,25...4mm ² |
| | | Data / bus | Male female connectors Link + screw Terminal |
|  | Functions | OFF + 3 Speeds | OFF , Low, Med, High |
|  | Weight | Without packaging | 350 g |
|  | Dimensions | Width × Length × Height | 91mm x 145mm x 75mm |
|  | Housing | Materials | ABS anti fire |
| | | Casing color | Black Gray |
| | | Button color | Silver |
| | | IP rating | IP 20 |
|  | Temperature range | Operation | 0...60°C |
| | | Storage | -20...50°C |
| | | Transport | -25...75°C |
|  | Air humidity | | <85% non-condensing |



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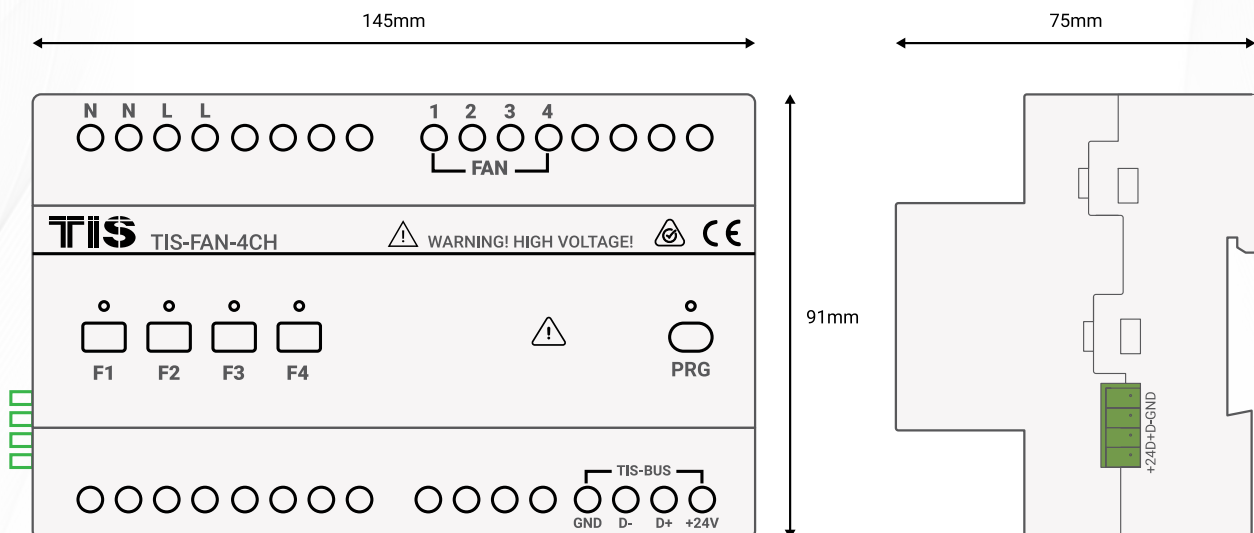
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