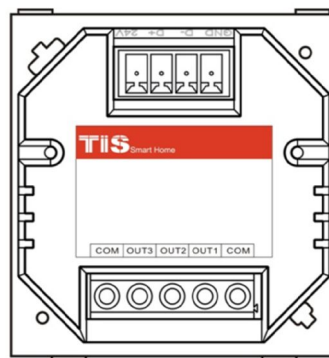


TIS Panel Addition 3 Channels 3 Amps

Model: ADD-3R3A

Data Sheet Rev 1.1



Safety instructions

Electrical equipment may only be installed and fitted by electrically skilled persons. Failure to observe the instructions may cause damage to the device and other hazards. These instructions are an integral part of the product, and must remain with the end customer.

Basic information

This device is a product of the TIS system. It is a bus coupler device that can be attached back of Mars series Panel with 3 independent free voltage Relay channels which can be controlled separately with TIS protocol messages, technical knowledge obtained in TIS training courses is a prerequisite to proper understanding how to install device. Advanced Programming knowledge about software obtained in the advanced training courses.

Intended use

Control curtains motors, fan speeds, Air condition FCU, e.g. Shades open/close, Motors, fan low, fan med, fan high. This Product Can't be used for controlling florescent light or saving energy lamp

Product characteristics

| | | |
|--------------------------------------|---|---|
| Outputs | Number of channels | 3 |
| | Nominal voltage | 0 – 230 V AC 50/60 Hz |
| | Nominal current per channel | |
| | Low current | 3 A / 28 VDC |
| | Lighting Incandescent Lamp | 1 A / 230 VAC |
| | Motors / Air condition | 2 A / 230 VAC |
| Output switching current | Max switching current | 3A/230 VAC |
| | Max Continues current | 2A/230 VAC |
| Output service life | Mechanical service life | > 5,000,000 Times |
| Output switching times | Operating time | 10mS (at nomi. Volt) |
| | Releasing time | 10 mS (at nomi. Volt) |
| Other specification | Contact Resistance | 100mΩ max. (at 1A 24VDC) |
| | Insulation Resistance | 1000MΩ (500VDC) |
| Reaction time | | approx. 20ms |
| Function programmable options | 3 Separate channels Simple FCU Function Fan speed control Motor and Lighting | For control Incandescent lamps (200 watts) Cool, Heat , Fan outputs Low, Medium, High outputs Ch1.Ch2 as open / close interlocked, Ch3 work independently. |
| Mounting | Behind the panel | Attached to the back of TIS panel, can be fit in all world back box standards. |
| Connection terminal | Load and Power | Screw terminal 0,25...2mm ² |
| | Data / bus | connectors Link |
| | Panel Link | Female 2 connectors for TIS Panel connection |
| Weight | Without packaging | 20 G |
| Dimensions | Width x length x height | 54mm x 50mm x 24mm |
| | With the cover | 54mm x 50mm x 32mm |
| Housing | Materials | PC anti fire |
| | Casing color | White |
| Temperature range | Operation | -30...60°C |
| | Storage | -20...60°C |
| | Transport | -30...75°C |
| Air humidity | | <85% non-condensing |

Warranty

We provide a warranty as provided for by law.

Hologram warranty seal and product serial number is provided by each device.

Please send the description of the defect with Product S/N to our dealer network.

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