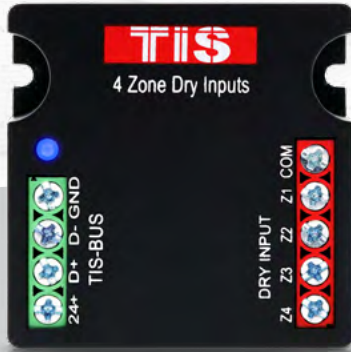# TIS DIGITAL INPUT MODULE
## Dry Input with 4 Zones

Data Sheet Rev 3.2

Model: TIS-4DL-IN



# OVERVIEW

This product is designed to make traditional light switches smart without the need for further cabling, and integrate third-party devices into building's automation system.

## KEY BENEFITS

+ Compatibility with other TIS solutions
+ Better reliability & more flexibility
+ Easy communication & faster response time
+ Improving home security system

## KEY FEATURES

★ 4 digital inputs for automation & security
★ Small size, applicable everywhere
★ Open/Close digital inputs
★ Reverse polarity protection



CE   RoHS COMPLIANT   P   C   FC

**TIS**

4 Zone Dry Inputs

| PRODUCT SPECIFICATIONS | | |
|---|---|---|
| **Input** | Number of channels | 4 |
| | Input Type | Digital input. Open / Close |
| | Length of connected wire | < 350 meter |
| **TIS Bus** | Number of devices on 1 line | Max. 64 |
| | Bus voltage | 12-32 V DC |
| | Current consumption | <12 mA / 24 V DC |
| **Protection** | Bus connection | Reverse Polarity Protection |
| | Digital input | Low voltage <24V Protection |
| **Reaction time** | | approx. 20ms |
| **Mounting** | anywhere | by two screws |
| **Connection terminal** | Data / bus | Screw terminal  0.25…2.5mm2 |
| **Operation** | Programming button/LED | For assignment of the physical address |
| | By TIS bus | TIS Protocol messages and commands |
| | Upgrading | 1 X mini USB for upgrading |
| **Functions for each zone** | Digital input Open | 20 commands |
| | Digital input close | 20 commands |
| | Revers control | 1 command |
| **Weight** | Without Packaging | 100g |
| **Dimensions** | Width × Length × Height | 16mm × 46mm × 46mm |
| **Housing** | Materials | Fireproof ABS |
| | Casing color | Dark / Gray |
| | IP rating | IP 20 |
| **Temperature range** | Operation | -10…50°C |
| | Storage | -20…50°C |
| | Transport | -25…75°C |
| **Air humidity** | | <85% non-condensing |
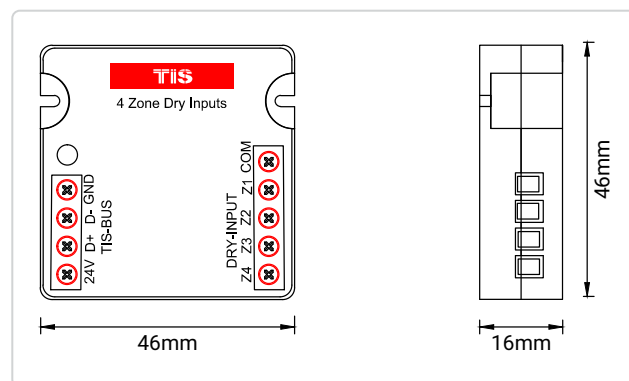
**TIS**

4 Zone Dry Inputs

24V D+ D- GND TIS-BUS

DRY-INPUT Z4 Z3 Z2 Z1 COM

46mm

46mm

16mm

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