

SPECIFICATION - TITANIA MODBUS DI-8 DO-8

AC AND DC OPERATING RANGE

AC Input Range	24VAC
DC Input Range	20 - 30 VDC
Power Consumption	< 1 Watt
Isolation	3kV optoisolation

COMMUNICATIONS

Interface	RS485, 2-wire half duplex
Status Indicator	Green LED
Protocols	Modbus RTU/ASCII
Addressing	8-bit addressing Selectable via on-board DIP switch
Baud Rate	9.6 – 57.6 kbps Selectable via on-board DIP switch

DIGITAL INPUT CHANNELS

Number of Channels	8
Interface	Dry contact input with common ground
Status Indicator	Green LED
Expansion	Modules may be multidropped to increase I/O capacity

DIGITAL OUTPUT CHANNELS

Number of Channels	8
Interface	7.5kV optically isolated Darlington couplers
Status Indicator	Red LED
Expansion	Modules may be multidropped to increase I/O capacity

GENERAL

Dimensions	161 mm (W) x 80 mm (H) x 23mm (D)
Environment	0°C to 70°C, 5%RH to 95%RH non-condensing
Conformance	CE, RoHS

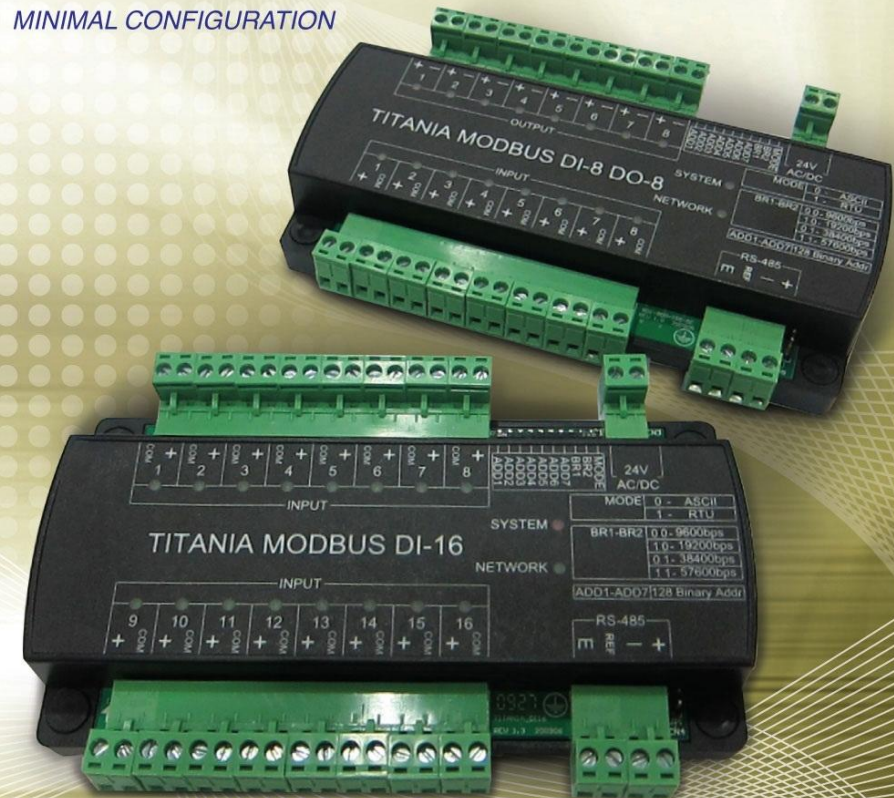


Technology For Tomorrow's World

TITANIA

Modbus Series Compact I/O Controller

- WIDE POWER INPUT
- COMPACT FOOTPRINT
- MINIMAL CONFIGURATION



TITANIA

Modbus Series Compact I/O Controller

The **Titania Modbus** series compact I/O modules are a revolution in technology. Targeted at automation applications which require cost effective solutions, the robust **Titania Modbus** modules are leading the way in innovation.

The **Titania Modbus** modules may be implemented and integrated into a wide variety of automation platforms. Two modules are available, namely the **Titania Modbus DI-16** and the **Titania Modbus DI-8 DO-8**. Both modules support Modbus RTU/ASCII as their native communication protocol.



Wide Power Input

These versatile modules can run on either AC or DC power. In addition, they come with a fully isolated power supply circuitry and consume less than 1 Watt with all I/O points triggered. The **Titania Modbus** modules are the perfect choice for effortless integration into automation solutions which require reliability and flexibility.

Compact footprint

Measuring 161mm (W) x 80mm (H) x 23mm (D), each **Titania Modbus** module only occupies 0.0003 cubic meters of space, making it the ideal choice in situations where space is a constraint. Its versatility allows the **Titania Modbus** modules to be dropped into almost any location to perform data acquisition and control.

Minimal configuration

The **Titania Modbus** modules require virtually no configuration. The modules are ready to go after the flick of a few DIP switches. This allows for quick implementation and hassle free installation.

The **Titania Modbus** series compact I/O modules are robust, scalable, modular, versatile and flexible.

A tiny giant in the world of automation.



SPECIFICATION FOR TITANIA MODBUS DI-16

AC AND DC OPERATING RANGE

AC Input Range	24VAC
DC Input Range	20 - 30 VDC
Power Consumption	< 1 Watt
Isolation	3kV optoisolation

COMMUNICATIONS

Interface	RS485, 2-wire half duplex
Status Indicator	Green LED
Protocols	Modbus RTU/ASCII
Addressing	8-bit addressing Selectable via on-board DIP switch
Baud Rate	9.6 – 57.6 kbps Selectable via on-board DIP switch

DIGITAL INPUT CHANNELS

Number of Channels	16 channels
Interface	Dry contact input with common ground
Status Indicator	Green LED
Expansion	Modules may be multidropped to increase I/O capacity

GENERAL

Dimensions	161 mm (W) x 80 mm (H) x 23mm (D)
Environment	0°C to 70°C, 5%RH to 95%RH non-condensing
Conformance	CE, RoHS

