



CONVERGING UNIVERSE

# 14 Digital Input to RS485



The 14-Digital Input to RS485 Modules accept 14 Digital Inputs from various industrial sources

It Provides RS485 interface supporting Modbus RTU Protocol

It supports half-duplex communication with two wires needed for transmit and receive data from legacy devices

## Key Features at a glance:



Modbus RTU through RS485



Compact Din Rail Mounting



Rugged Durability With 14 Digital Input



Comprehensive Safety And Reliability



Personal Support for your Implementation

## Application Areas:



Smart Irrigation



Smart Street Lights



Smart Car Parking



Smart Logistics



Utility Management

Specifications	
Input Power	<b>Unregulated 9 – 24 VDC</b>
Power Consumption	<b>Less than 1 W @ 12 VDC</b>
Protections	<b>Reverse Polarity, Overvoltage (+/- 35 VDC), Short Circuit, Transient Voltage, TVS/ESD</b>
Indication	<b>Power (Red), Status (Green)</b>
Connector	<b>5mm pitch screw terminal blocks</b>
Enclosure	<b>ABS Enclosure</b>
Installation Type	<b>Plug and Play</b>
Dimensions	<b>Modular Architecture (115mm x 90mm x 40mm)</b>
Warranty	<b>12 Months from date of installation or 18 Months from date of delivery (whichever is earlier)*</b>

Data Connectivity	
Connectivity Supported	<b>RS485</b>
Protocol Supported	<b>Modbus RTU</b>
Communication Interface	<b>2 Wire Type</b>
Watchdog Timer	<b>System (5 Sec) and Communication</b>
Indication	<b>Green for Communication Status</b>

Input	
Channels	<b>14</b>
Contact Rating	<b>24 VDC Sink/source (isolated) Up to 5000 VRMS for 1 minute</b>
Standard	<b>Optoisolated</b>



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Environment	
Operating Temperature	<b>0 to 55°C</b>
Storage Temperature	<b>-10 to 70°C</b>
Operating Humidity	<b>30 – 95% RH (non-condensing)</b>

Mounting	
Built Architecture	<b>Modular</b>
Mounting	<b>DIN Rail Mountable, Wall Mountable, Stack Mountable</b>
Installation	<b>Plug and Play Device</b>

ORDERING INFORMATION	
Product Name	<b>Product Code</b>
14 Digital Input to RS485	<b>XXXX</b>

**Dimensions (all units in mm)**

