



**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



Industrial Automation



Smart Car Parking



Smart Logistics



Utility Management



## CONVERGING UNIVERSE

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>



# CONVERGING UNIVERSE

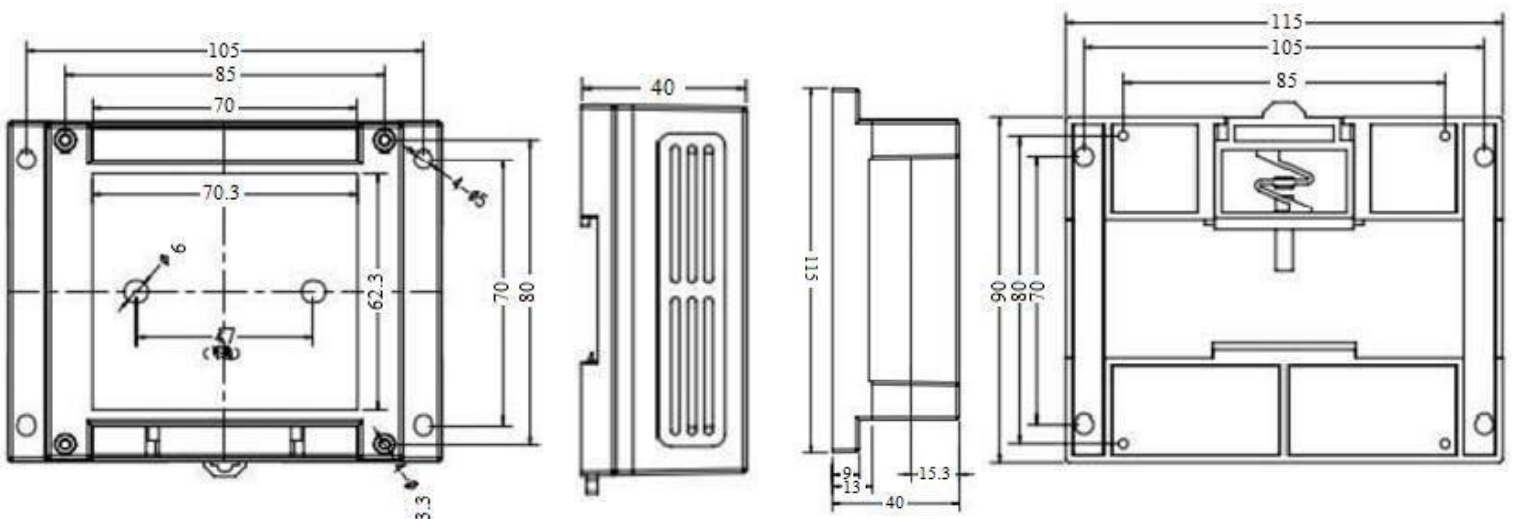
Environment	
Operating Temperature	0 to 65°C
Storage Temperature	-10 to 70°C
Operating Humidity	5 – 95% RH (non-condensing)

Mounting	
Built Architecture	Modular
Mounting	DIN Rail Mountable, Wall Mountable, Stack Mountable
Installation	Plug and Play Device

MODBUS ADDRESS FOR FUNCTION CODE 0x02 Read Discrete Inputs	
ADDRESS (14DI)	Input Channel
1000	Digital Input 1
⋮	⋮
1013	Digital Input 14

ORDERING INFORMATION	
Product Name	Product Code
14 Digital Input to RS485	XXXX

## Dimensions (all units in mm)





**CONVERGING UNIVERSE**

## WHY CHOOSE US



### **On Time Delivery**

We provide the fastest turnaround time for your projects with the industry's best accuracy and output.



### **24\*7 Support**

We provide the support from our expert team for the installation and implementation



### **Transparent Pricing**

We maintain every price detail transparent. We customize packages after discussion with your management.

### **Do you have any questions?**

✉ [sales@uniconvergetech.in](mailto:sales@uniconvergetech.in)

☎ (+91) – 9741933559, 9205703472

[www.uniconvergetech.in](http://www.uniconvergetech.in)



**Noida Address: Block C- 56/11, Ground Floor,  
Sector 62, Noida, Uttar Pradesh - 201301**