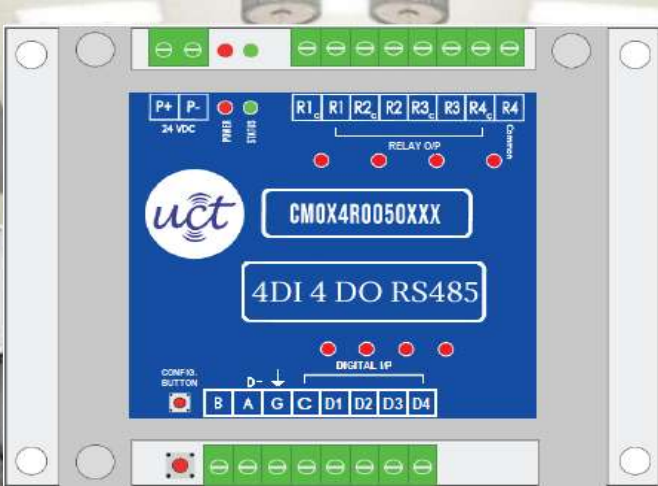# 4 Digital Input 4 Digital Output to RS485

4 Digital Input 4 Digital Output to RS485 converter module converts the 4 digital input and 4 digital output data to RS485 .

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 8 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	**Unregulated 9 – 24 VDC**
Power Consumption	**Less than 1 W @ 12 VDC**
Protections	**Reverse Polarity, Overvoltage (+/- 35 VDC), Short Circuit, Transient Voltage, TVS/ESD**
Indication	**Power (Red), Status (Green)**
Connector	**5mm pitch screw terminal blocks**
Enclosure	**ABS Enclosure**
Installation Type	**Plug and Play**
Dimensions	**Modular Architecture (145mm x 90mm x 40mm)**
Warranty	**12 Months from date of installation or 18 Months from date of delivery (whichever is earlier)***

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

Digital Input	
Channels	**4**
Contact Rating	**24 VDC Sink/source (isolated) Up to 5000 VRMS for 1 minute**
Standard	**Digital Isolator type IEC 60950**

Digital Output	
Channels	**4**
Contact Rating	**24 VDC Sink/source (isolated) Up to 5000 VRMS for 1 minute**
Type	**Form A Type Relay Output**

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

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

ORDERING INFORMATION	
Product Name	**Product Code**
4 Digital Input 4 Digital Output to RS485	**XXXX**

Dimensions (all units in mm)