



CONVERGING UNIVERSE

8 Analog Input 8 Digital Input 5 Digital Output to RS485



This converter module converts the digital and analog input data from various controller and device and send this data to 5 digital output.

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 8 Analog Input and 5 Digital Output



Comprehensive Safety And Reliability



Personal Support for your Implementation

Application Areas:



Smart Irrigation



Smart Street Lights



Smart Car Parking



Smart Logistics



Utility Management



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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

Analog Input	
Channels	8
Contact Rating	4-20mA with 12 bit SAR ADC (Transient Protected) (80 dB CMRR)
Standard	Single ended 12 bit ADC

Digital Input	
Channels	8
Contact Rating	24 VDC Sink/source (isolated) Up to 5000 VRMS for 1 minute
Standard	Digital Isolator type IEC 60950



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Digital Output	
Channels	5
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
8 Analog Input 8 Digital Input 5 Digital Output to RS485	XXXX

Dimensions (all units in mm)

