

# ENCPU-V7

## SMART CONTROLLER

- Processing EnSmart EN Series Modbus IO Module or Modbus Third party Devices for Easy integration
- Flexibility to Add/Expand/Modification of upto 30 Expansion Modules



## TECHNICAL SPECIFICATION

- Communication: BACnet IP, Modbus IP, Modbus Rs485, REST API, MQTT, IOT
- Operating Temp: 0-50 DegC
- Operating Humidity: 0-95% RH
- Mounting : Dinrail
- Dimension:110 x 110x 70mm
- Casing: ABS

## Application:

- Building Automation System/Modbus Integration
- Industrial Automation
- Robotics
- IOT Application

## Easy to Use:

- Modbus Master/Slave Communication
- 15 nos of EN Series IO Modules can be added in Each port
- Supports 2x RS 485 Modbus Channel Connect Upto 60 Modbus Devices/ 30 Ensmart IO Modules
- Supports 30 Ensmart Modbus RS485, Multiple Modbus IP Channel
- Supports to connect Modbus Wired and Wireless devices/IO Modules
- Flexible and easy configuration with Free EnSmart Editor Tool



## TECHNICAL FEATURES

- No Configuration required
- Easily Integration to ENCPU-V7 or any Third party Modbus Master

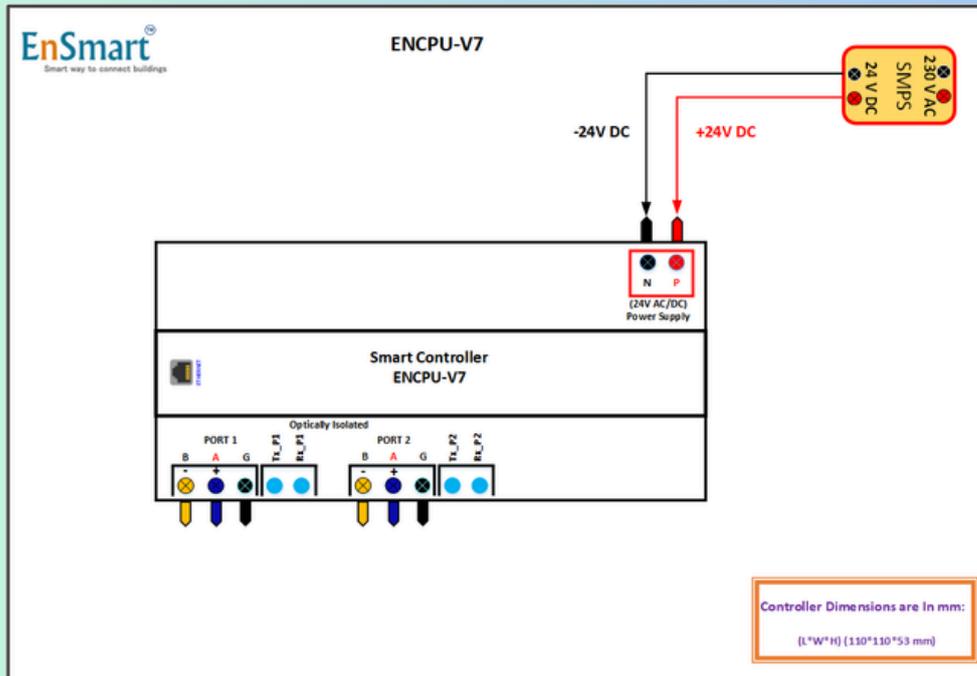
## SERVICES AVAILABLE

Technical Support  
Installation and Setup  
Maintenance  
Application Support  
Hardware Support  
Warranty

## APPROVAL

CE, RoHs

# System Architecture (ENCPU-V7)



## System Requirements

- IO Modules can be commissioned using Modbus Master (Modscan) via serial or BMSTRCPU via IP without programming knowledge.
- **Mounting:** DIN RAIL
- **Operating Voltage:** 24 V AC/DC
- Modscan or Modbus Master Utility Software for Commissioning
- USB to RS485 or Modbus Gateway/Modbus Master for Integrating IO Module

## APPLICATIONS

Modbus RTU to Modbus TCP/IP: ENCPU-V7

Modbus RTU to BACnet IP: ENCPU-V7

Modbus IP to BACnet IP: ENCPU-V7

Modbus IP to MQTT : ENCPU-V7

BACnet IP to MQTT : ENCPU-V7

## Zero Minimal Down Time:

- In case of failure of IO Module, We can replace IO module on immediate, System can be retained without any additional programming skill.

## Turnkey Solution :

- Modules are modular concept, We can able to design and multiply turnkey projects using this modular IO Modules.

