

## EXTENSION IO MODULE

BMSDDCEN4AO.  
Modbus RS485  
Multiple Baud Rate  
Options  
Easy Multiplication

## NETWORK PROTECTION

Optically Isolated

**Mounting:**  
DINRAIL

## Approval

Approval: CE, RoHs

# BMSDDCEN4AO



- Processing Analog (4-20ma) Output.
- Easy integration of I/O-system in on-site processes.
- Customer specific configuration of I/O-module onrequest (inputs..)
- Modbus RS-485 protocol interface

Analog Output: 0-10V DC

Communication: Modbus RS485

Operating Temp: 0-50 DegC

Operating Humidity: 0-95% RH

Mounting : Dinrail

Dimension: 110 x 70x 70mm

Casing: ABS

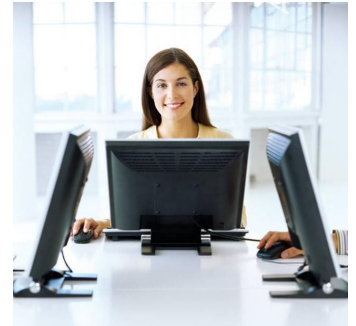
## Application:

- AHU VFD Speed Control
- AHU Valve Speed Control
- PUMP VFD Speed Control
- Modulating Damper Speed Control

## Easy to Use:

- Since Modules are Modbus RS485 Communication ,so this Module can be used as Extension module and above Application system can be easily integrated

## System Architecture (BMSDDCEN4AO)



### TECHNICAL Features

No Configuration required  
Easily Integration to  
**BMSENCPU3PG1** or any  
Third party Modbus  
Master

### ZERO/Minimal DOWNTIME

Incase of failure of IO  
Module, We can replace IO  
module on immediate ,  
Sysme can be retained  
without any additional  
programing skill.

### TURNKEY SOLUTIONS

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

## System Requirements

- IO Modules can be commisioned using Modbus Master (Modscan) via serial or **BMSENCPU3PG1 via IP** without programming knowlegde.
- Mounting: DIN RAIL
- Operating Voltage: **24 V AC/DC**
- Modscan or Modbus Master Utility Sofwtare for Commissioning
- USB to RS485 or Modbus Gateway/Modbus Master for Integrating IO Module

### SERVICES AVAILABLE

Technical Support  
Installation and Setup  
Maintenance  
Application Support  
Hardware Support  
Warranty



For More details

<https://www.emsi.co.in/>