

EN4DI4DO

EXTENSION IO MODULE

Processing Digital Input and Digital Output Signal. Easy integration of I/O-system in on-site processes. Customer specific configuration of I/O-module on request (inputs and/or outputs).. Modbus RS-485 protocol interface

TECHNICAL SPECIFICATION

- Digital Input: Volt Free Contact
- Communication: Modbus RS485
- Operating Temp: 0-50 DegC
- Operating Humidity: 0-95% RH
- Mounting : Dinrail
- Dimension:110 x 70x 70mm
- Casing: ABS

Application:

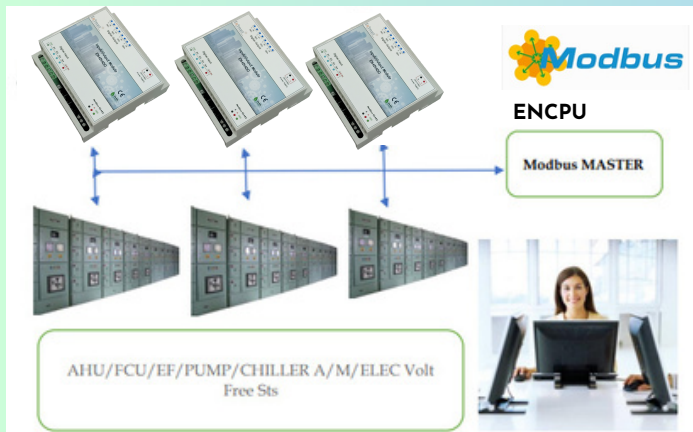
- AHU/FCU/EF/PUMP/CHILLER A/M Sts
- AHU/FCU/EF/PUMP/CHILLER TRIP Sts
- AHU/FCU/EF/PUMP/CHILLER RUN Sts
- FILTER STATUS etc.,
- SYSTEM COMMAND etc.,

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 (BMSDDCEN4DI4DO)



System Requirements

- IO Modules can be commissioned using Modbus Master (Modscan) via serial or BMSENCPU3PG1 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

Technical Features:

- No Configuration required
- Easily Integration to BMSENCPU2PG1 or any Third party Modbus Master

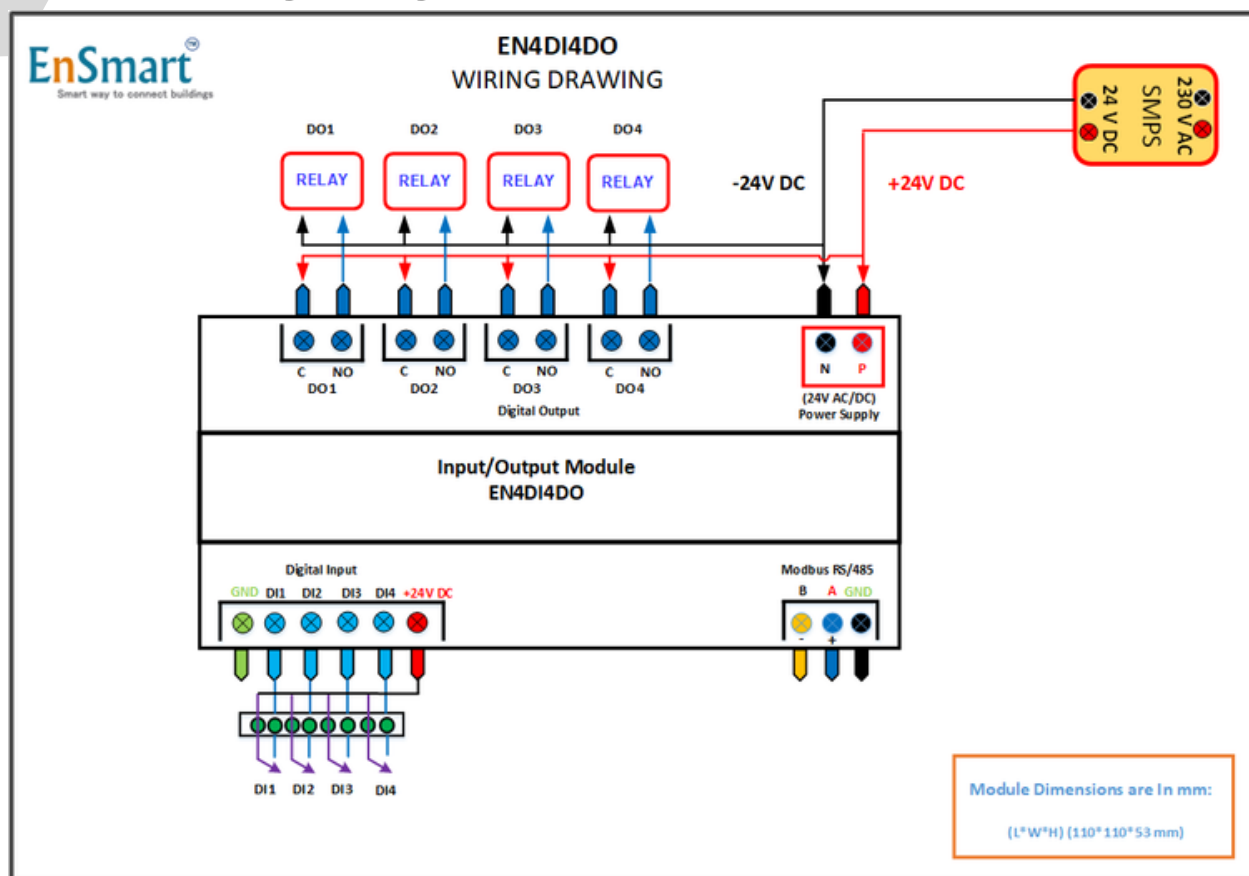
Zero Minimal Down Time:

- 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.

Wiring Diagram EN4DI4DO



Why Choose US

We have the solution for you! By featuring seamless and adaptive, vendor-neutral, open-protocol solutions in building automation, be it for maintenance, retrofits or upgrades.

SERVICES AVAILABLE

Technical Support
Installation and Setup
Maintenance
Application Support
Hardware Support
Warranty

4DI4DO Address Details

S.No	I/O Points	Modbus Address	Modbus Type
1	DI-1	10001	INPUT STATUS
2	DI-2	10002	INPUT STATUS
3	DI-3	10003	INPUT STATUS
4	DI-4	10004	INPUT STATUS
5	DO-1	5	COIL STATUS
6	DO-2	6	COIL STATUS
7	DO-3	7	COIL STATUS
8	DO-4	8	COIL STATUS

APPROVAL

CE, RoHs