

EN4DI1DO

EXTENSION IO MODULE

TECHNICAL SPECIFICATION

- Digital Input: Volt Free Contact
- Digital Output: 230V, 3 A Relay Output
- Communication: Modbus RS485
- Operating Temp: 0-50 DegC
- Operating Humidity: 0-95% RH
- Mounting : Dinrail
- Dimension: 110 x 70 x 70mm
- Casing: ABS

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

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
- SYSTEM COMMAND etc.,



System Architecture (BMSDDCEN4DI1DO)



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.

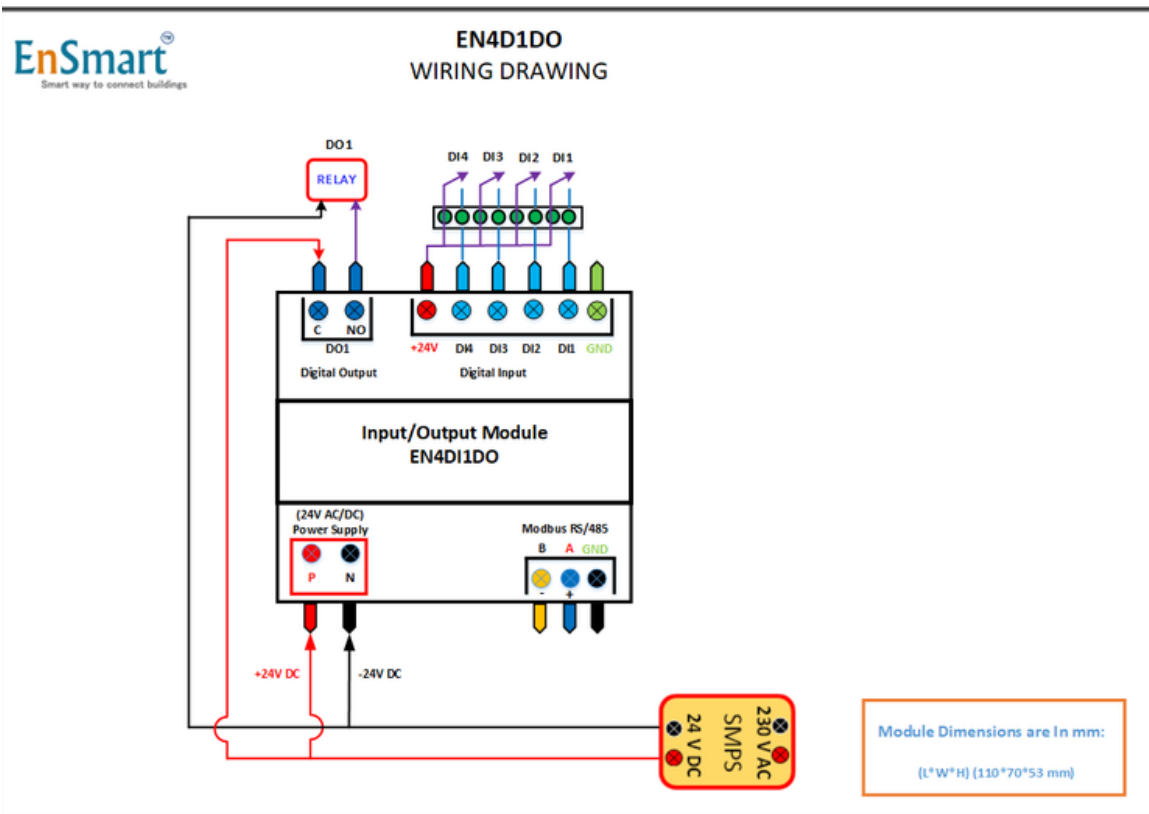
Turnkey Solution :

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

System Requirements

- IO Modules can be commissioned using Modbus Master (Modscan) via serial or BMSENCPU2PG1 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

EN4DI1DO Wiring Diagram



SERVICES AVAILABLE

Technical Support
Installation and Setup
Maintenance
Application Support
Hardware Support
Warranty

APPROVAL

CE, RoHs

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.

4DI1DO Address Details

S.No	I/O Points	Modbus Address	Modbus Type
1	DI-1	10002	INPUT STATUS
2	DI-2	10003	INPUT STATUS
3	DI-3	10004	INPUT STATUS
4	DI-4	10005	INPUT STATUS
5	DO-1	1	COIL STATUS