

EN8DI8DO

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

APPLICATION

- Digital Input: Volt Free Contact
- Digital Output: 0-230V AC 3 A Relay
- Communication: Modbus RS485
- Operating Temp: 0-50 DegC
- Operating Humidity: 0-95% RH
- Mounting : Dinrail
- Dimension:110 x 100x 60mm
- Casing: ABS

- AHU/FCU/EF/PUMP/CHILLE R A/M Sts
- AHU/FCU/EF/PUMP/CHILLE R TRIP Sts
- AHU/FCU/EF/PUMP/CHILLE R 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 (BMSDDCEN8DI8DO)



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

Technical Features:

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

Zero Minimal Down Time:

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

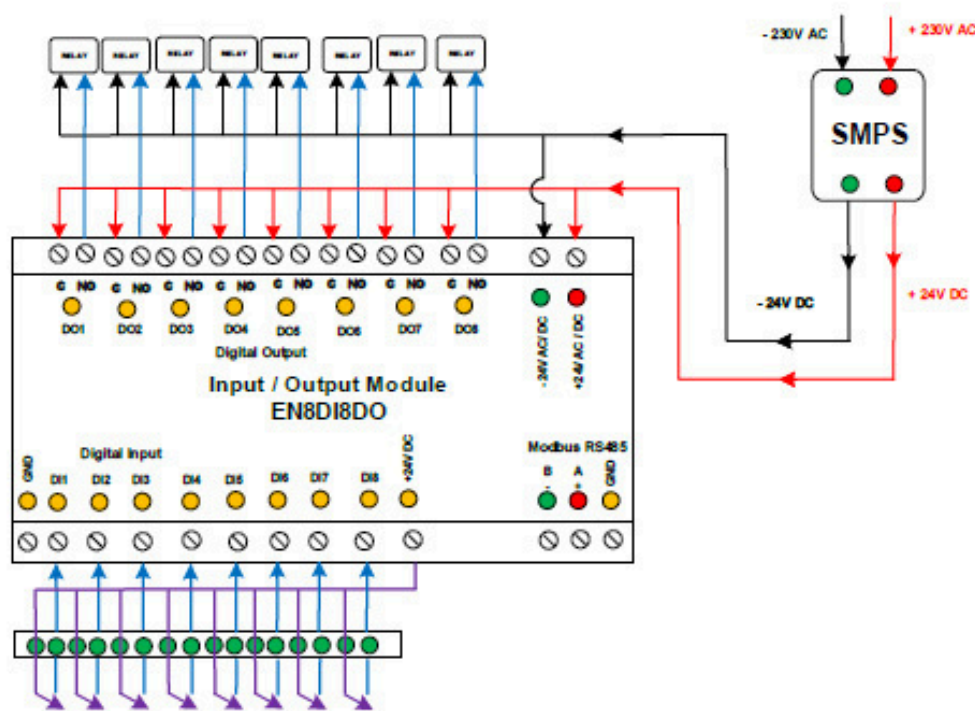
Turnkey Solution :

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

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.

EN8DI8DO Wiring Diagram



8DI8DO Address Details

S.No	I/O Points	Modbus Address	Modbus Type
1	DI-1	10009	INPUT STATUS
2	DI-2	10010	INPUT STATUS
3	DI-3	10011	INPUT STATUS
4	DI-4	10012	INPUT STATUS
5	DI-5	10013	INPUT STATUS
6	DI-6	10014	INPUT STATUS
7	DI-7	10015	INPUT STATUS
8	DI-8	10016	INPUT STATUS
9	DO-1	1	COIL STATUS
10	DO-2	2	COIL STATUS
11	DO-3	3	COIL STATUS
12	DO-4	4	COIL STATUS
13	DO-5	5	COIL STATUS
14	DO-6	6	COIL STATUS
15	DO-7	7	COIL STATUS
16	DO-8	8	COIL STATUS

SERVICES AVAILABLE

Technical Support
Installation and Setup
Maintenance
Application Support
Hardware Support
Warranty

APPROVAL

CE, RoHs