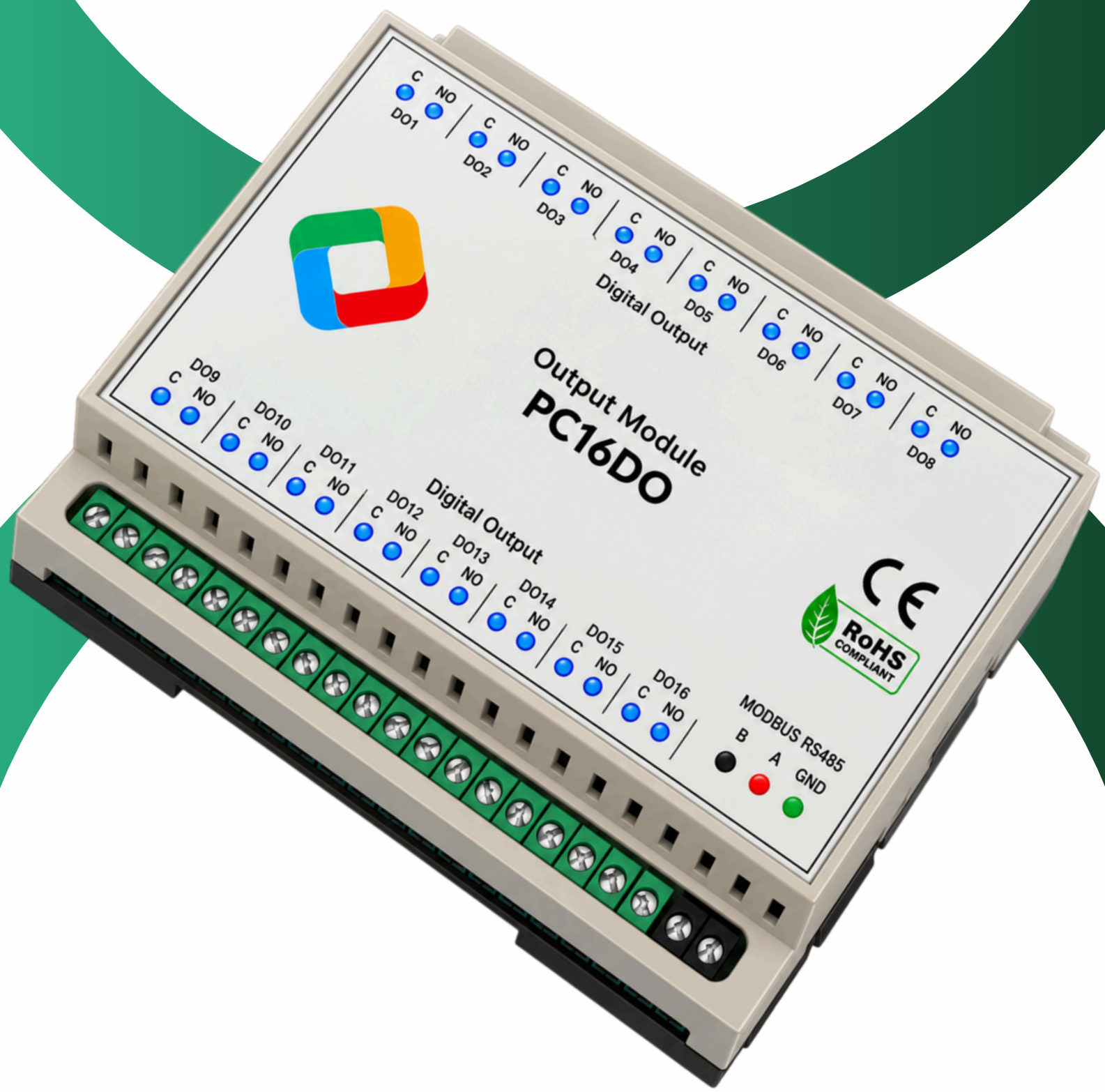
Probiz Controls

EXTENSION IO MODULE

PC-16DO



-TECHNICAL SPECIFICATION

- 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

-Application:

- AHU/FCU/EF/PUMP/CHILLER ON OFF COMMAND
- SYSTEM COMMAND etc.,

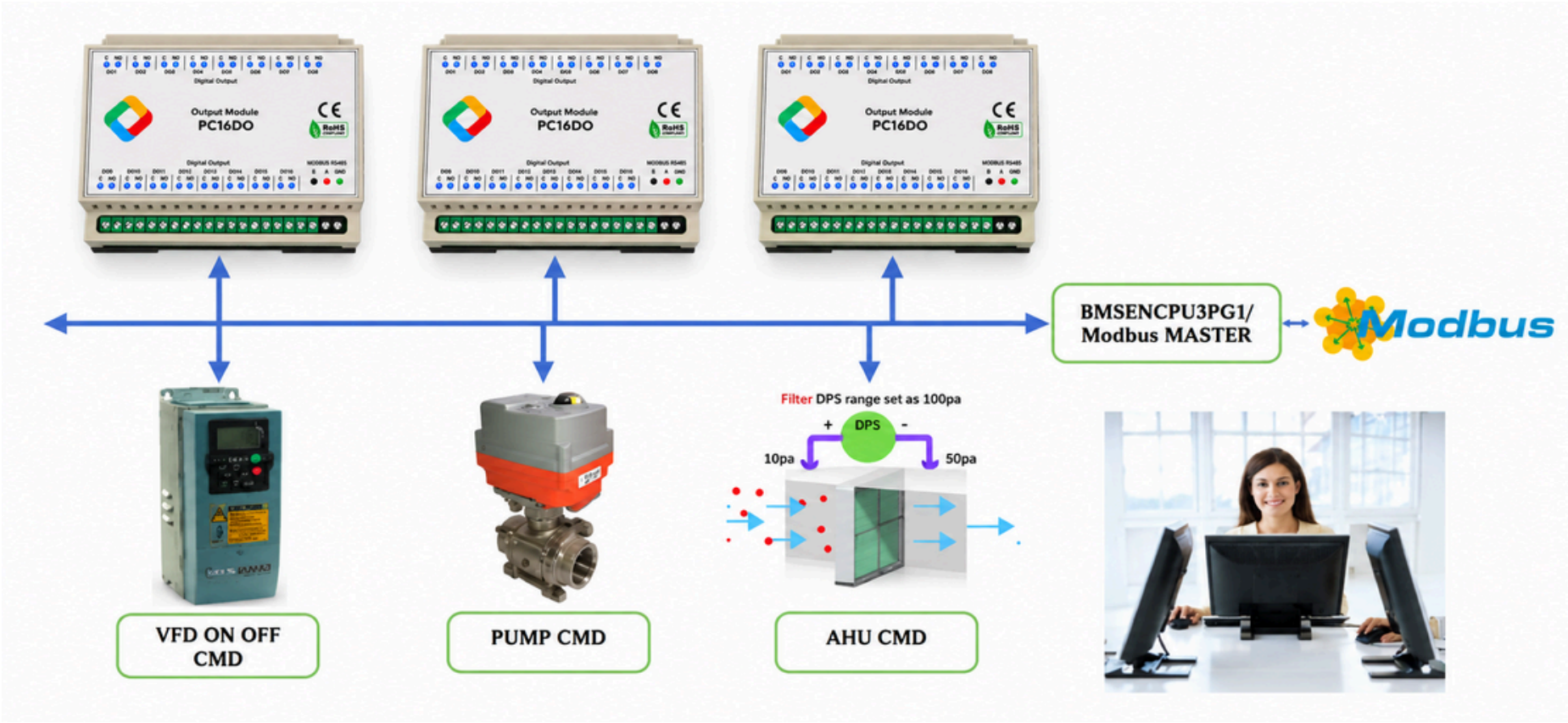


Processing Digital Input and Digital Output Signal. Easy integration of I/O-system in on-site processes. Customer specific configuration of I/O-module on request (inputs and/or outputs).. Modbus RS-485 protocol interface

- 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 integarted

- System Architecture (BMSDDCPC-16DO)



-System Requirements

- IO Modules can be commisioned using Modbus Master (Modscan) via serial or BMSENCPU2PG1 via IP without programming knowlegde.
- **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.

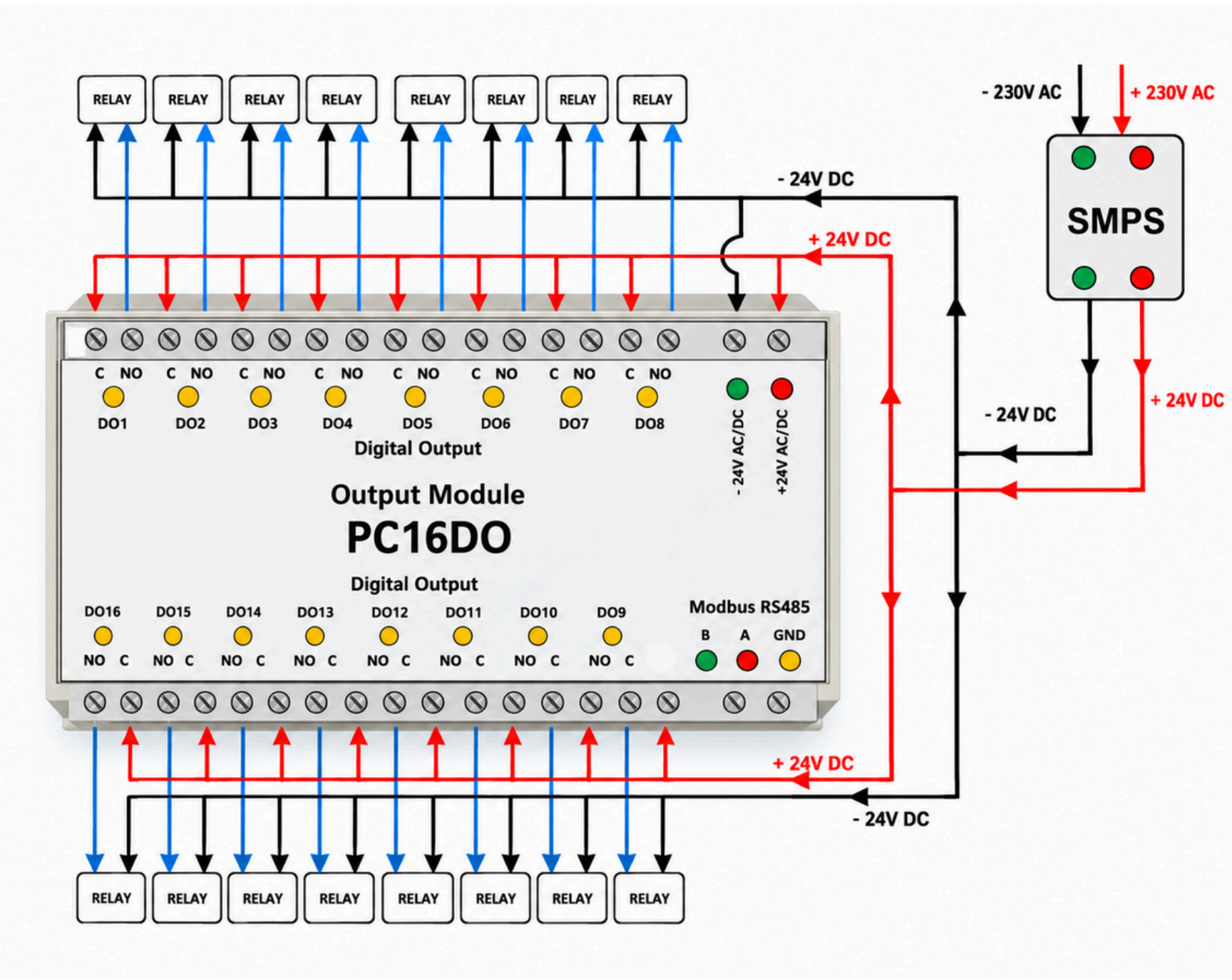
- **SERVICES AVAILABLE**

Technical support	**Installation & setup**	**Maintenance**	**Application support**
	Hardware support	**Warranty**	

- **APPROVAL**
  - CE
  - RoHs



- PC16DO WIRING DIAGRAM



- 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.

- 16DO Address Details

S.No	IO	Type	Modbbus Address
1	DO1	COIL STATUS	1
2	DO2	COIL STATUS	2
3	DO3	COIL STATUS	3
4	DO4	COIL STATUS	4
5	DO5	COIL STATUS	5
6	DO6	COIL STATUS	6
7	DO7	COIL STATUS	7
8	DO8	COIL STATUS	8
9	DO9	COIL STATUS	9
10	DO10	COIL STATUS	10
11	DO11	COIL STATUS	11
12	DO12	COIL STATUS	12
13	DO13	COIL STATUS	13
14	DO14	COIL STATUS	14
15	DO15	COIL STATUS	15
16	DO16	COIL STATUS	16

PROBIZ CONTROLS

EXTENSION IO MODULE

PC-16DO



Probiz Controls by Probiz Automation

Bengaluru · Coimbatore · Chennai — India

Muscat — Oman

+91 99161 99499 · info@probizautomation.com

www.probizautomation.com