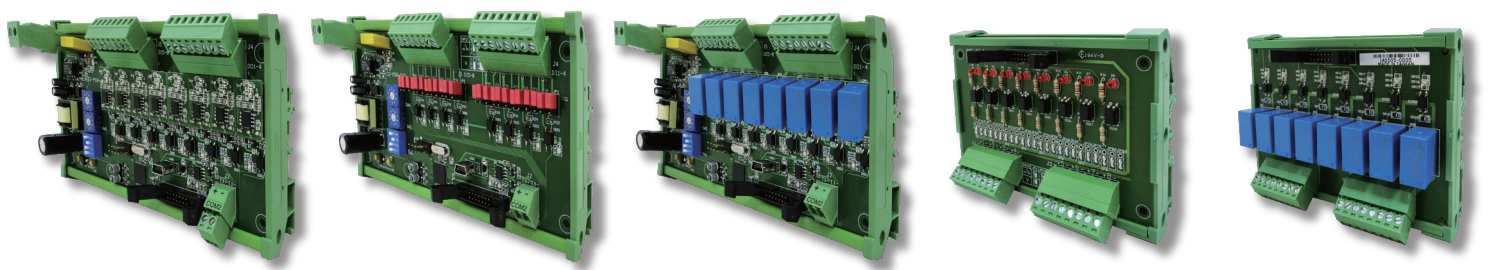


# PDA 8 Channel Digital Input/Relay Output/Analog Output Module

## Features :

- ▶ DIN Rail mount
- ▶ With Power Input, Digital Input/ Output LED indicator
- ▶ Communication Protocol: RS485 MODBUS RTU
- ▶ Data format: N81,N82,O81,O82 supported
- ▶ 8 ch DI/DO module(extend to 16 ch max.)
- ▶ Up to 99 RS485 communication ID
- ▶ Baud Rate: up to 115200 bps



AO Main Board

DI Main Board

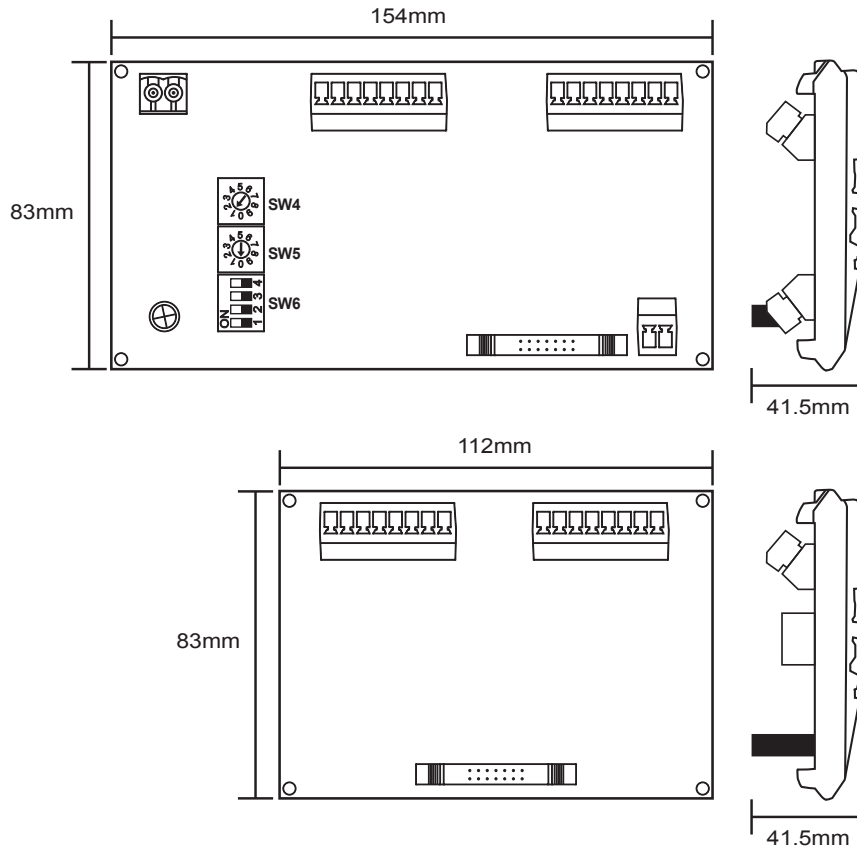
DO Main Board

DI Extension Board

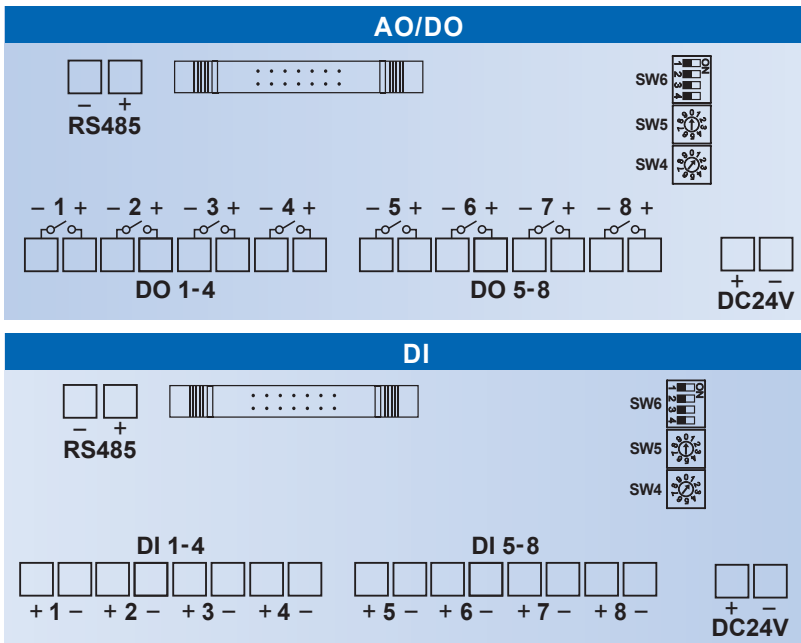
DO Extension Board

Specification	
Communication	RS485 MODBUS RTU
Baud Rate	9600, 19200, 38400, 115200 ( selected by DIP Switch )
Data Format	N81,N82,O81,O82 ( selected by DIP Switch )
Communication ID	1~99 ( selected by rotary Switch )
Sampling Time	Less than 10ms
Digital Input module	Contact Input
	DC Voltage Input : Level 0 — max.1.2V Level 1 — 3.5V~26V
Relay Output module	AC 220V/10A, DC30V/10A
Analog Output module	Current: 4~20mA (Resistive 600Ω max.)
	Voltage: 1~5V ; 2~10V... (Resistive 600Ω min.)
Dimension	Main Board : L154 X W83 X H41.5      unit: mm
	Extension Board : L115 X W83 X H41.5      unit: mm
Wiring Terminal	Plug-In Terminal Blocks
Indicator	Power Input, DI/DO/AO, RS485
Isolation	4KV. between DI/DO/AO, and RS485
Operating Temperature	0~60°C
Humidity	0~90%
Power Supply	DC 24V
Power Consumption	Main Board - DI:45mA DO:125mA AO:125mA
	Extension Board - DI:45mA DO:125mA

## Dimension



## Wiring Diagram



**SW4**: Communication ID (Units digit)

**SW5**: Communication ID (Tens digit)

**SW6**:

	Baud Rate	Parity	Stop Bit
Bit	9600,19200,38400,115200	None,Odd	1, 2
1	OFF OFF ON ON		
2	OFF ON OFF ON		
3		OFF ON	
4			OFF ON

## Ordering Information

PDA

Main Board	Code
DI (Contact Input)	1
DI (DC Voltage Input)	2
DO	3
AO	4

Extension Board	Code
None	0
DI Extension Board (Contact Input)	1
DI Extension Board (DC Voltage Input)	2
DO Extension Board	3