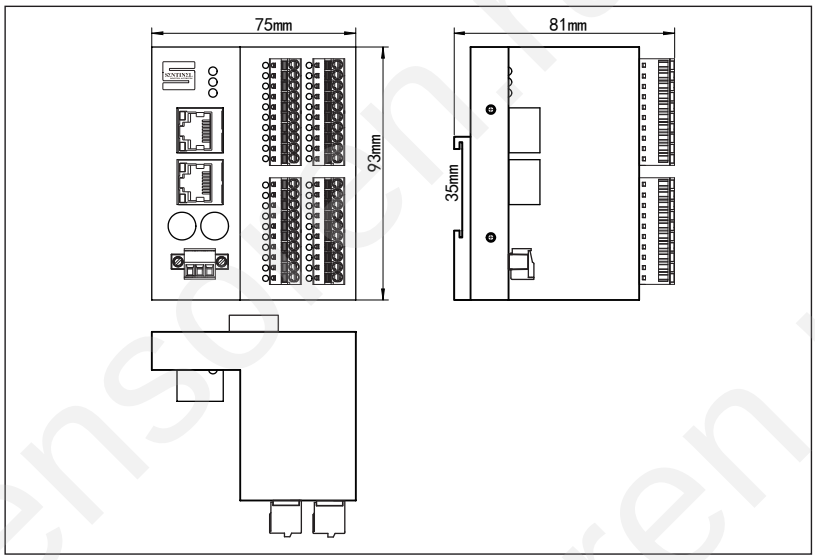
Compact IP20 I/O Station for PROFINET

16 Digital PNP/NPN inputs

16 Digital outputs

CMPN-IOM16-0001



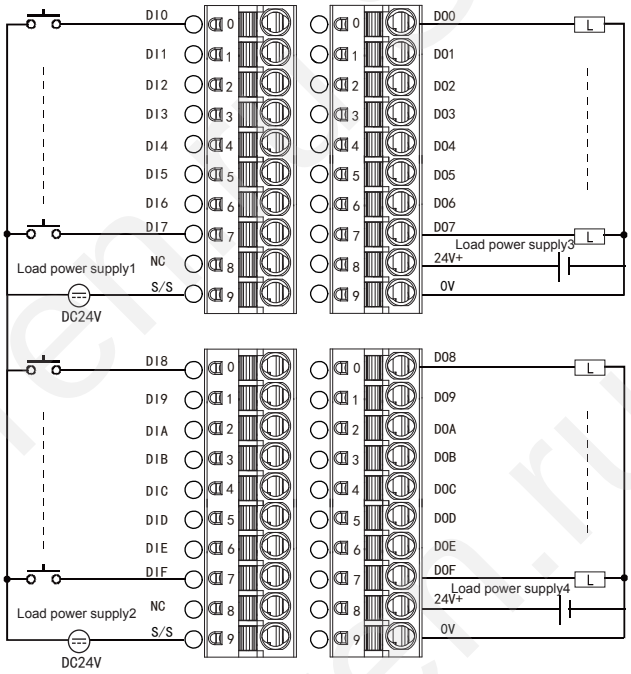
- 16 Digital PNP/NPN inputs
- 16 Digital Outputs，0.2A per output
- IO signal connection adopts pluggable shrapnel tightening terminal
- The power supply is connected with pluggable screw terminal strip
- 2 RJ45 ports for the Ethernet connection
- DIN guide rail installation
- Metal housing , Protection class IP20

Technical Parameter

Supply voltage	24VDC ± 10%
Operating current	< 75mA
Maximum transmission rate	100Mbit/s
Electrical Isolation mode	Optocoupler isolation
Input	
Number of channels	16
Input type	PNP/NPN
Input voltage	24VDC
Switch threshold	2mA/4mA
Input delay	2.5ms
Maximum input current	6mA
Output	
Number of channels	16
Output Voltage	24VDC
Output current	0.2A/channel,Except for short circuit
Load type	Resistance load、Inductive load、Indicator light
Operating temperature	0-55 ℃

	BYTE	Bit7	Bit6	Bit5	Bit4	Bit3	Bit2	Bit1	Bit0
Outputs	0	D07	D06	D05	D04	D03	D02	D01	D00
	1	D0F	D0E	D0D	D0C	D0B	D0A	D09	D08
Inputs	0	DI7	DI6	DI5	DI4	DI3	DI2	DI1	DI0
	1	DIF	DIE	DID	DIC	DIB	DIA	DI9	DI8

Wiring diagram

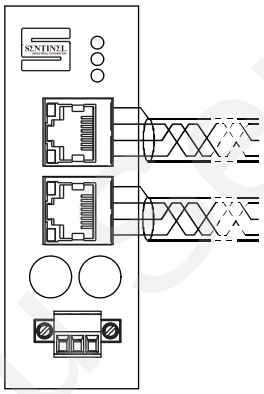


If s/s is negative, connect the PNP sensor

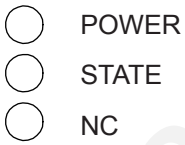
If s/s is positive , connect the NPN sensor

* Load power supplies 1 and 2, just connect one

Terminal wiring



Indicator lights



POWER	Green LED lights: ON:The module power supply is normal OFF:The module power supply is disconnected
STATE	Communication indicator light : RED Flash:Communication is normal OFF:Communication is abnormal
NC、0V	NOT USE（LED OFF）
24V+	Load power indicator light, green ON：The load power supply is normal OFF：The load power supply is disconnected
DI0 to DIF、 DO0 to DOF	Input/Output indicator light : Yellow ON : Input/Output active OFF: Input/Output inactive

communication

RJ45 pin assignment	RJ45 plug
1. YE 2. OG 3. WH 4. N/C 5. N/C 6. BU 7. N/C 8. N/C	

Power Supply

