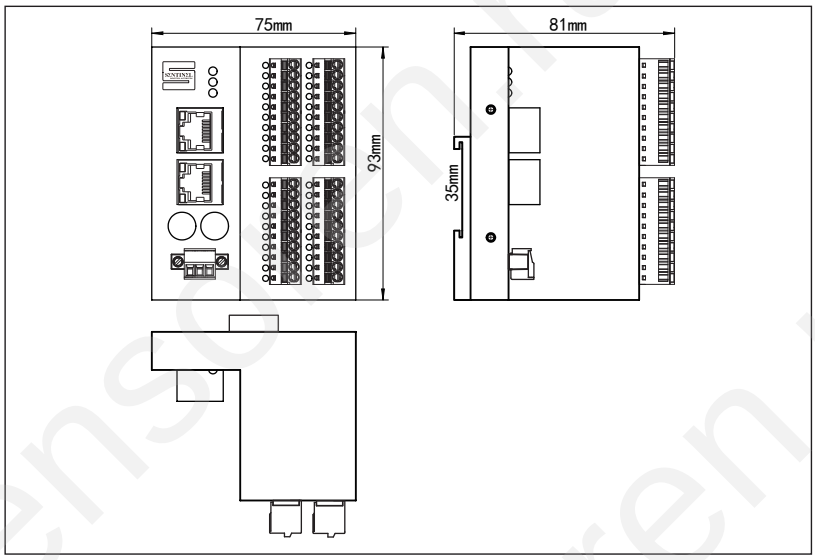
Compact IP20 I/O Station for PROFINET

32 Digital PNP/NPN inputs

CMPN-IM32-0001



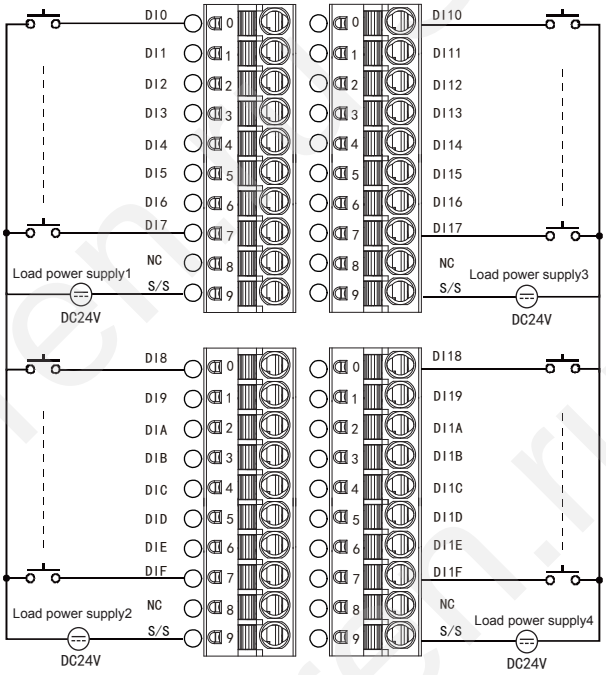
- 32 Digital PNP/NPN inputs
- IO signal connection adopts pluggable shrapnel tightening terminal
- The power supply is connected with pluggable screw terminal strip
- 2 RJ45 ports for the Ethernet connection
- DIN guide rail installation
- Metal housing , Protection class IP20

Technical Parameter

Supply voltage	24VDC ± 10%
Operating current	< 75mA
Maximum transmission rate	100Mbit/s
electrical Isolation mode	Optocoupler isolation
Input	
Number of channels	32
Input type	PNP/NPN
Input voltage	24VDC
Switch threshold	2mA/4mA
Input delay	2.5ms
Maximum input current	6mA
Operating temperature	0-55℃

	BYTE	Bit7	Bit6	Bit5	Bit4	Bit3	Bit2	Bit1	Bit0
Inputs	0	DI7	DI6	DI5	DI4	DI3	DI2	DI1	DI0
	1	DIF	DIE	DID	DIC	DIB	DIA	DI9	DI8
	2	DI17	DI16	DI15	DI14	DI13	DI12	DI11	DI10
	3	DI1F	DI1E	DI1D	DI1C	DI1B	DI1A	DI19	DI18

Wiring diagram

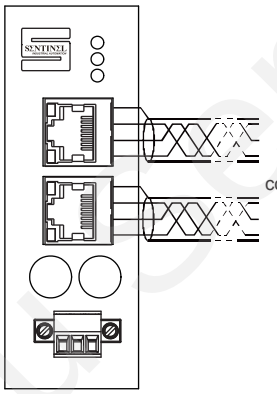


If s/s is negative, connect the PNP sensor

If s/s is positive , connect the NPN sensor

* Load power supplies 1 and 2, just connect one
* Load power supplies 3 and 4, just connect one

Terminal wiring



Indicator lights

POWER

STATE

NC

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）
DI0 to DIF、 DI10 to DI1F	Input indicator light : Yellow ON : Input active OFF: Input 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

