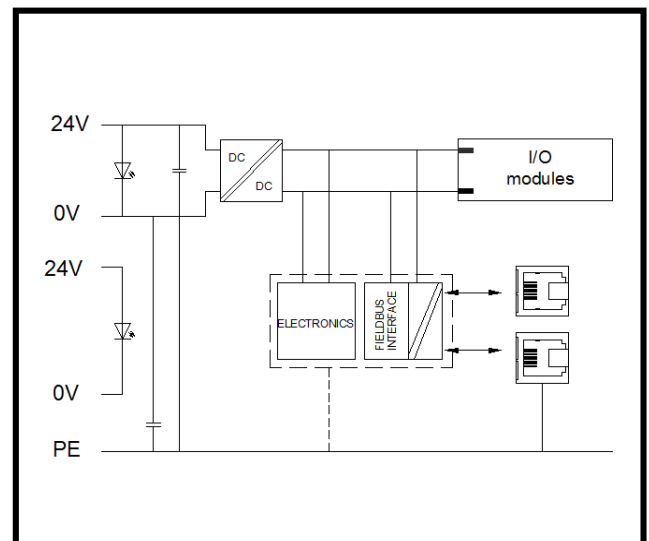
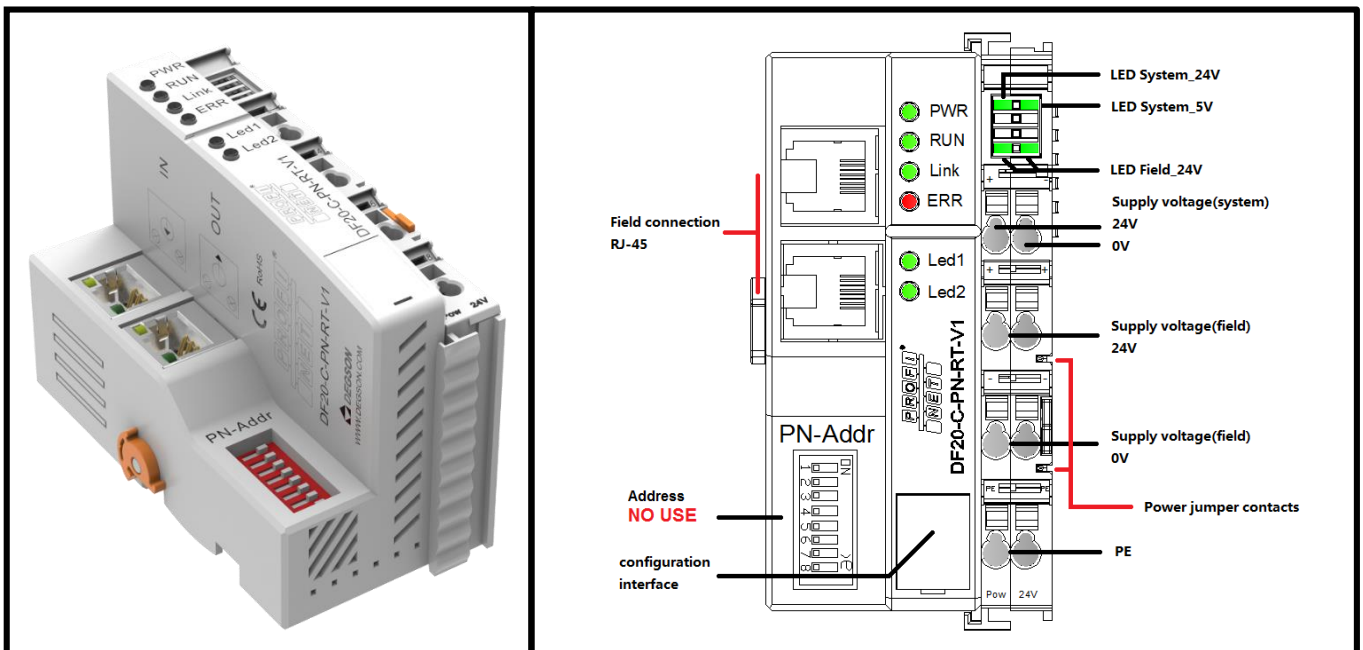


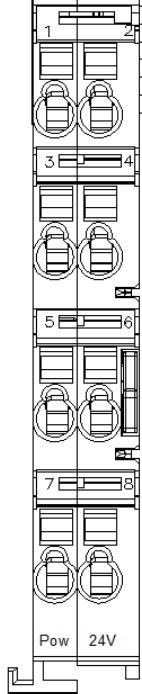
## ◆ ProfiNet FieldBus Adapter (DF20-C-PN-RT-V1)

- DF20-C-PN-RT-V1 the fieldbus adapter from standing and PROFINET are linked together, as a PROFINET is open in the area of automation of industrial Ethernet standards. It automatically configures and generates local process images including analog, digital, and special functional modules. Analog module and special function module (word-by-word data transfer), digital module (bit-by-bit data transfer).
- The fieldbus coupler is integrated into the application as a PROFINET device.
- The coupler features an integrated 2-port switch, allowing easy line structure creation without additional network components.
- The device name can be assigned via DCP protocol.



## 2. Hardware Interface

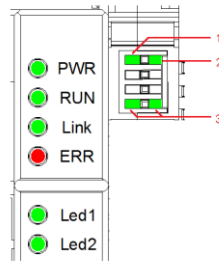
- Wiring Terminal



NO.	Definition	Description
1	System power 24V	Power the module. Give Goldfinger 5V.
2	System power 0V	
3	Field power 24V	Power the load.
4		
5	Field power 0V	
6		
7	PE	Protect Earthing
8		

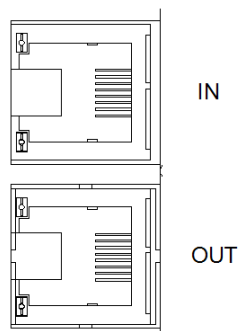
**Notes:** It is recommended to use two isolated 24V power supplies to provide two power supplies for the coupler respectively to achieve the best anti-interference performance.

## ● LED Indicator



Indicator	Status	Description
PWR	Green: ON	Power Normal
	Green: OFF	Power Failure
RUN	Green: ON	I/O system is running
	Green: OFF	I/O system is stopping
Link	Green: Flash	Module to establish communication, there is data transmission
	Green: OFF	Module communication is not established
ERR	Red: ON	data exchanging failure
	Red: OFF	data exchanging normal
Led1	Green: ON	Port 1 connected successfully.
	Green: Flash	Port 1 has data communication.
Led2	Green: ON	Port 2 connected successfully.
	Green: Flash	Port 2 has data communication.
1	Green: ON	System Power Normal
	Green: OFF	System Power Failure
2	Green: ON	Goldfinger Power Normal
	Green: OFF	Goldfinger Power Failure
3	Green: ON	Field Power Normal
	Green: OFF	Field Power Failure

## ● RJ45 Interface



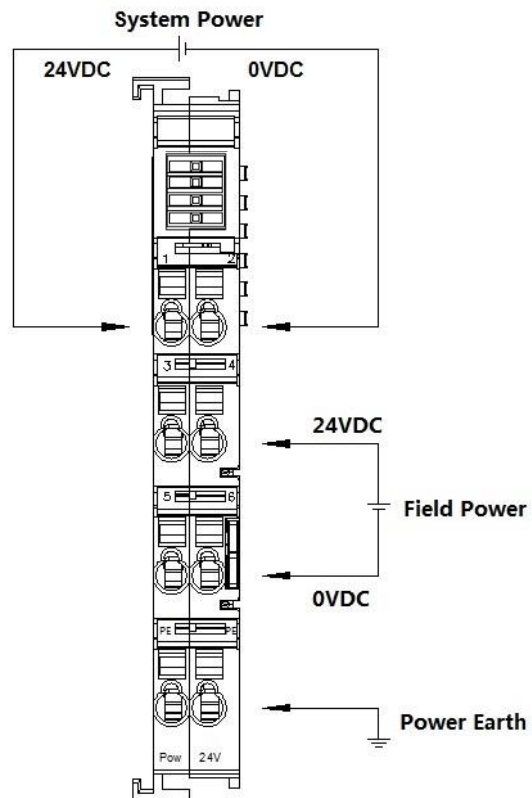
Used to establish communication with the upper computer. The coupler features an integrated 2-port switch, allowing easy line structure creation without additional network components.

- **DIP switch**

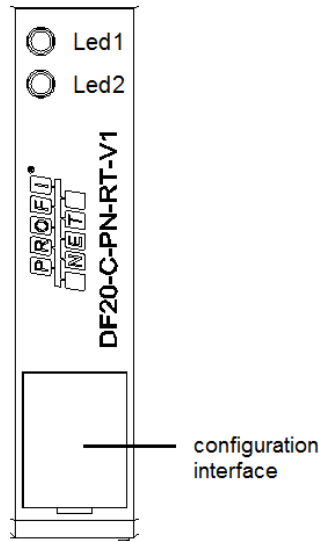
The adapter address setting function is not supported.

- **Wiring**

Notes : Only the right side of the adapter is captured here because of the aesthetics.



● Configuration Interface



Set the configuration interface to facilitate the adapter program upgrade.

**Notes :** Non-professionals and authorized personnel are prohibited from using this interface to avoid procedural problems.

3.Machinery installation

● Dimension drawing

The installation size is shown in the following figure (unit: mm):

