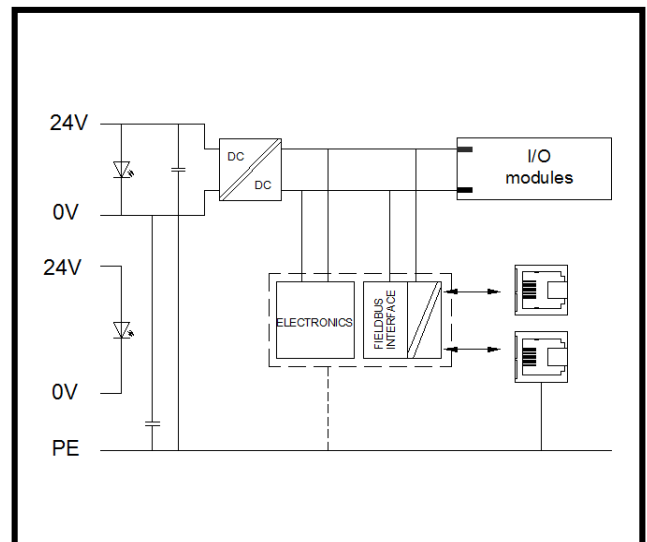
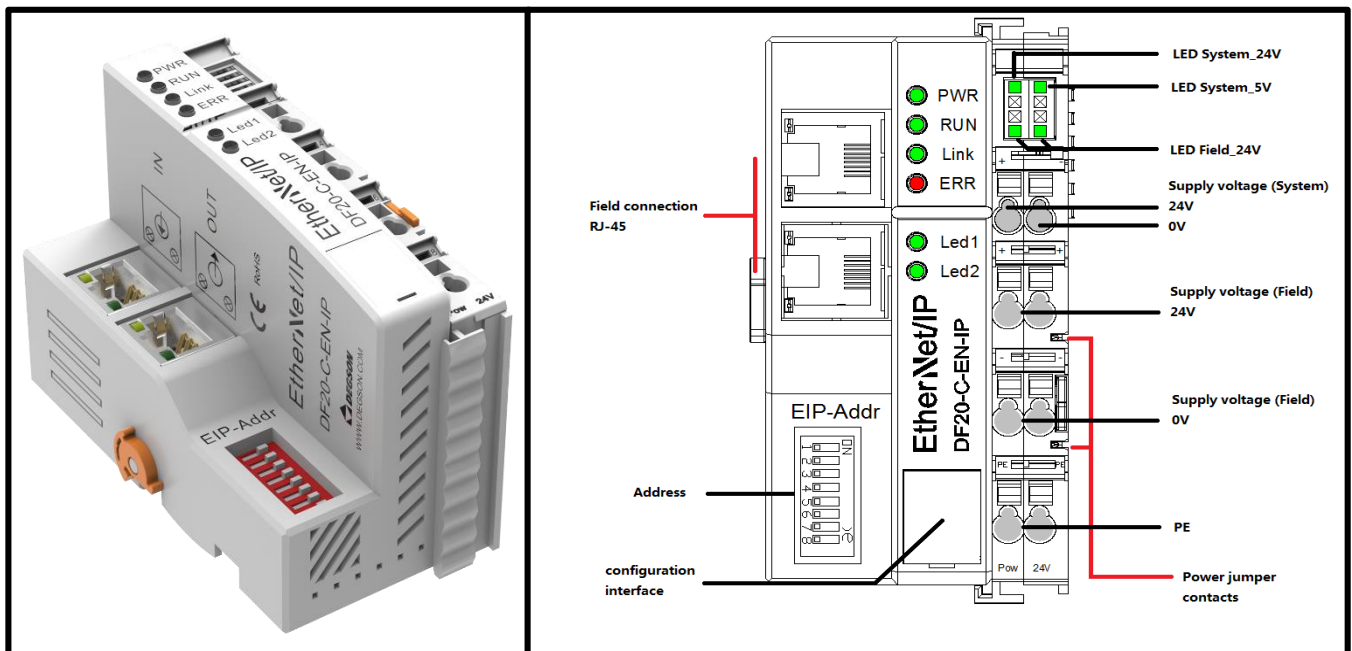


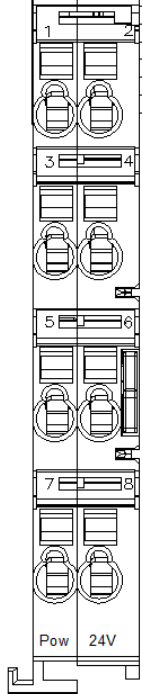
◆ EtherNet/IP FieldBus Adapter (DF20-C-EN-IP)

- DF20-C-EN-IP the fieldbus adapter from standing and EtherNet/IP are linked together, EtherNet/IP is an open industrial Ethernet standard in the field of automation. 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 an EtherNet/IP device.
- The coupler features an integrated 2-port switch, allowing easy line structure creation without additional network components.



2. Hardware Interface

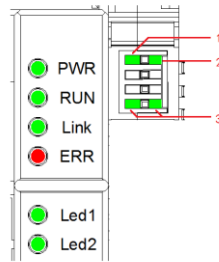
- Wiring Terminal



| 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 | | |

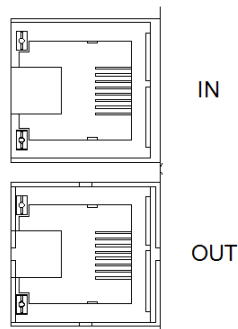
Notes: It is recommended to use two isolated 24V power supplies to provide two power supplies for the coupler respectively to achieve the best anti-interference performance.

● LED Indicator



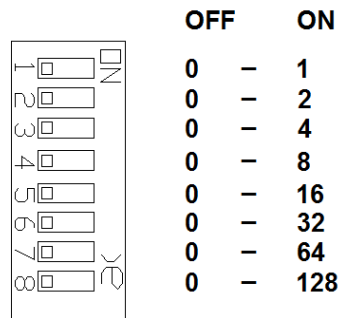
| Indicator | Status | Description |
|-----------|--------------|---|
| PWR | Green: ON | Power Normal |
| | Green: OFF | Power Failure |
| RUN | Green: ON | I/O system is running |
| | Green: OFF | I/O system is stopping |
| Link | Green: Flash | Module to establish communication, there is data transmission |
| | 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.

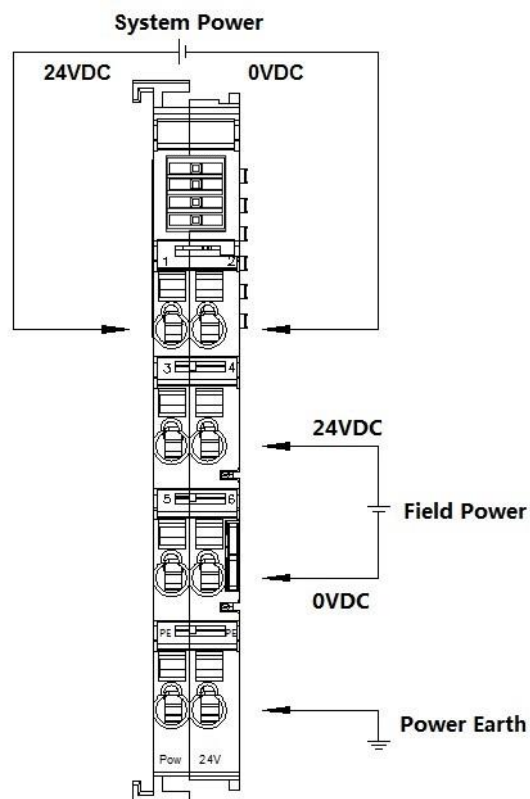
- **DIP switch**



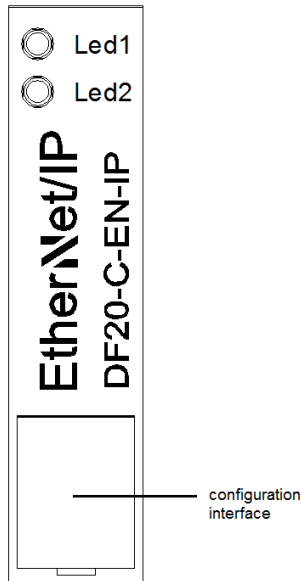
The DIP switch is used to set the adapter module address. It is set by an 8-bit hardware DIP switch. Each EtherNET IP adapter has a unique station address .

- **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.

注： 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):

