

RH-25 Interface Description

| Port Definition | Port Description |
|-----------------|--|
| ① EtherCAT_OUT | EtherCAT Output |
| ② EtherCAT_IN | EtherCAT Input |
| ③ CAN_H | CAN_H Network Information Terminal |
| ④ CAN_L | CAN_L Network Information Terminal |
| ⑤ GND | Negative Power Supply |
| ⑥ VCC | Positive Power Supply |
| ⑦ BAT- | Memory Battery Negative |
| ⑧ BAT+ | Memory Battery Positive |
| ⑨ RES- | Bleeder Resistor Interface |
| ⑩ RES+ | Bleeder Resistor Interface |
| ⑪ T+ | The master station sends control commands to the module |
| ⑫ T- | The module sends status feedback to the master station |
| ⑬ R+ | The master station feedbacks the module status data |
| ⑭ R- | The module reflects the control commands of the master station |

RH-25 Packaging Information



List:

- A. Power Supply Cable *2
- B. CAN BUS Communication Cable *2 / Bleeder Resistor Cable *1 / Multi-turn battery Cable *1
- C. 120Ω Terminal Resistance *1
- D. EtherCAT Communication Cable *2
- E. CAN BUS Communication Module *1
- F. RJ45 Adapter Plate V1.0 *1 (For Ethercat version)

RH-25 Accessories Marking Instructions

A

| Power Supply Cable | |
|--------------------|--------------------------------------|
| ① | XT30U-F 14AWG Connector |
| ② Red Line | VCC Positive Power Supply 14AWG 20cm |
| ③ Black Line | GND Negative Power Supply 14AWG 20cm |

B

| CAN BUS Communication Cable / Bleeder Resistor Cable / Multi-turn battery Cable | |
|---|--|
| ① | GH1.25-2P Connector |
| ② Black Line | CAN_H Network Information Terminal / Negative Power Supply / Negative Power Supply 300mm |
| ③ White Line | CAN_L Network Information Terminal / Positive Power Supply / Positive Power Supply 300mm |

C

| 120Ω Terminal Resistance | |
|--------------------------|--|
| | |

D

| EtherCAT Communication Cable | |
|------------------------------|----------------------------------|
| ① | SH1.0mm(4pin) Connector |
| ② T | EtherCAT Transmission Wire 480mm |
| ③ R | EtherCAT Receiving Wire 480mm |

E

| CAN BUS Communication Module | |
|------------------------------|------------------------------------|
| ① CAN-L | CAN_L Network Information Terminal |
| ② CAN-H | CAN_H Network Information Terminal |
| ③ CAN-G | GND Ground |
| ④ OFF | 120Ω Terminal Resistance |
| ⑤ ON | 120Ω Terminal Resistance |

Notes: Each order includes one USB-CAN adapter. For additional adapters, please contact our sales team to place an order.

F

| RJ45 Adapter Plate V1.0 | |
|-------------------------|--|
| ① RJ45 Connector | Wired Network Interface |
| ② T+ | The master station sends control commands to the module |
| ③ T- | The module sends status feedback to the master station |
| ④ R+ | The master station feedbacks the module status data |
| ⑤ R- | The module reflects the control commands of the master station |

Notes: Ethercat version - Each order includes one RJ45 adapter. For additional adapters, please contact our sales team to place an order.