

PICKUP COFE+PICK1111 Product instructionV1.0

1.POWER

Rated voltage:DC24V ± 3%

2.CONTROL

Control PICKUP through RS485, automatic detection of hands and cups.

Communication protocol is as follows:

content	Data header	Send type	Receive type	Instruct ID	Data length	Data send	Reserved	check	Data tail
length	3 byte	1 byte	1 byte	1 byte	1 byte	n byte	3 byte	1 byte	2 byte

Data header: 0x55 0xAA 0x08

Instruct ID: 1: query, 2: answer, 3: do, 5: registration

Reserved: 0x00 0x1A 0x1A

check: crc

Data tail: 0x5A 0xA5

3. Example

1) send

byte	data
1	do: 0x08
2	type: pickup number(ex. 1)
3	do parameter: 0

example:

55 AA 08 01 06 03 03 08 01 00 00 1A 1A 51 5A A5

receive:

byte	data
1	receive type: 0 received; 1 query receive

2) query module information(send)

byte	data
1	Query type: 1 progress query; 2 query parameter

example:

55 AA 08 01 06 03 03 08 01 00 00 1A 1A 51 5A A5

receive (progress query)

byte	data
1	Query receive: 1
2	Execution: 1
3	Pickup no.: 28 no.1 pickup module, 29 no.2 pickup module
4	Execution number: 0 no execution, 1 unfinished, 2 finished ,3 error, 4 reset

example:

55 AA 08 06 01 02 05 01 01 1B 00 00 XX 1A 1A 66 5A A5

receive (query parameter)

byte	data
1	Query receive: 1
2	Module parameter: 2
3	Pickup no.: 28 no.1 pickup module, 29 no.2 pickup module
4	No mudule: 0
5	Reserved
6	Reserved
7	Reserved
8	Reserved
9	Reserved
10	Reserved

example:

55 AA 08 06 01 02 06 01 02 1B 14 00 00 XX 1A 1A 7C 5A A5