WISE-5051 **WISE-5056** WISE-5056SO

8-ch Digital Input Module

8-ch Sink-type Digital Output Module

8-ch Source-type Digital Output Module



Specifications

General

Certification

Connector

Enclosure

Protocol

Power Consumption

Transmission Rate

Distributed Clock

LED Indicator

Voltage Rating

Leakage Current

Output Delay

Digital Output

- Channels

•

.

•

.

.

.

Specifications

General

- Certification
- Connector
- Enclosure
- Power Consumption
- Protocol
- Transmission Rate

- Digital Input
- 2W@24V_{DC}
 - EtherCAT 100bps

8

Dry Contact

Wet Contact

Iso.GND

4ms

4ms

3ms

2,000 V_{DC}

8-ch Digital Input Module

PC

CE, FCC class A

Pluggable 4P+8P

push-in terminal (#24~16 AWG)

PWR, RUN, DI status

Logic level 1: close to

Logic level 0: open

Rated voltage: 24V_{DC}

and -10~-30 V_{DC}

Logic level 1: 10~30 V_{DC}

Logic level 0: -3~3 V_{DC}

From logic level 0 to 1:

From logic level 1 to 0:

- Distributed Clock Default not supported
- LED Indicator

Digital Input

- Channels
- Input Delay
- Digital Filter

Protection

Isolation Voltage

Environment

- Operation Temperature -10~60°C (vertical
 - mounted) -40~85°C
- Storage Temperature Relative Humidity
 - 5~95% (non-condense)

Ordering Information

WISE-5051

Ordering Information

WISE-5056

8-ch Sink-type Digital Output Module



- Enclosure
- Power Consumption
- Protocol
- **Transmission Rate**
- Distributed Clock LED Indicator

Digital Output

- Channels
- Voltage Rating
- Rated Current Output
- Leakage Current
- Output Delay

push-in terminal (#24~16 AWG) PC 2W@24V_{DC} EtherCAT 100bps Default not supported PWR, RUN, DO status

8 (Source Type) 10~30Vpc 0.5A per channel at signal "1" 10 µA per channel at signal "0" From logic level 0 to 1: 150µs From logic level 1 to 0: 2ms

Protection

- Isolation Voltage 2,000 VDC
- Internal Flyback diode for inductive load

Environment

 Operation Temperature Storage Temperature

Relative Humidity

-10~60°C (vertical mounted) -40~85°C 5~95% (non-condense)

Ordering Information

WISE-5056SO

8-ch Source-type Digital Output Module

- 2,000 VDC
- -10~60°C (vertical mounted) -40~85°C
- **Relative Humidity**

- 25 µA per channel at signal "0" 10µs
- Isolation Voltage

8 (Sink Type) 10~30Vpc **Rated Current Output** 0.3A per channel at

CE, FCC class A

AWG)

2W@24V_{DC}

PC

Pluggable 4P+8P push-

in terminal (#24~16

100µs

Environment

- =
- **Operation Temperature**
- Storage Temperature

EtherCAT 100bps Default not supported PWR, RUN, DO status

signal "1"

From logic level 0 to 1:

Protection

Internal Flyback diode for inductive load

- 5~95% (non-condense)

From logic level 1 to 0: