

# KS Series Expansion module Model Description & Wiring Diagram

## Expansion Module



### KS121-16DX

Power supply: DC24V

Input point: 16, divided into 2 groups, each group with 8 channels

Input type: Source / Sink

Input voltage: Rated DC24V, voltage range of logic "1" is DC11-30V

Isolation method: Photoelectric isolation between the signal and internal circuit.

Isolation voltage 500VAC / 1 minute

Installation size: 100\*84.5\*25.4mm(mm)(L×W×H)



### KS122-12XR

Power supply: DC24V

Output points: 12, divided into 3 groups, each group with 4 channels

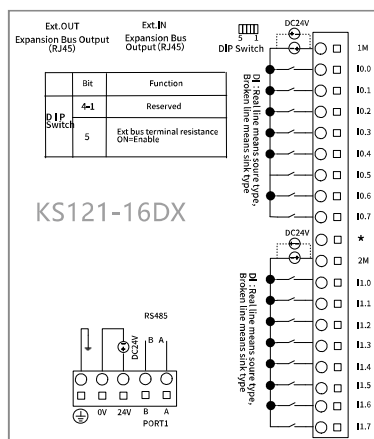
Output type: Relay

Load voltage: Max. DC30V/AC250V, max.load current of each channel is 2A

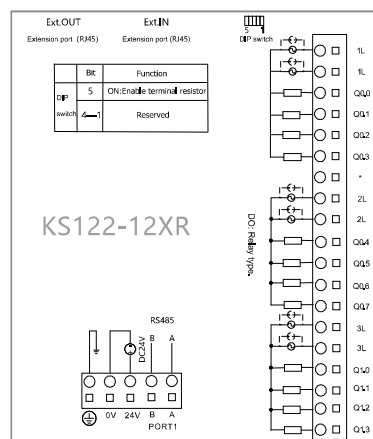
Isolation method: Relay, Isolation voltage of coil and contacts 1500VAC / 1 min

Installation size: 100\*84.5\*25.4mm(mm)(L×W×H)

#### KS121-16DX



#### KS122-12XR



# KS Series Expansion module Model Description & Wiring Diagram

## Expansion Module



### KS122-14DT

Power supply: DC24V

Output point: 14, divided into 2 groups

Output type: Source

Output voltage: Rated DC24V, max. output current of each channel is 500mA

Circuit protection: Power supply access polarity protection, Output short circuit protection, Inductive load output protection

Isolation method: Photoelectric isolation between the signal and internal circuit.

Isolation voltage 500VAC / 1 minute

Installation size: 100\*84.5\*25.4mm(mm)(L×W×H)



### KS123-14DR

Power supply: DC24V

Input point: 8, totally classified into 1 group

Input type: Source / Sink

Input voltage: Rated DC24V, voltage range of logic "1" is DC11-30V

Output point: 6, divided into 2 groups

Output type: Relay

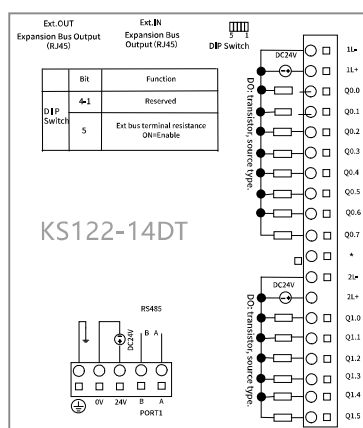
Load voltage: Max. DC30V/AC250V, max.load current of each channel is 2A

Isolation method: DI channel adopts opto-coupler isolation

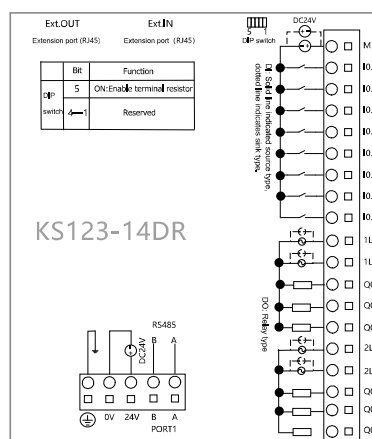
DO channels adopt relay isolation

Installation size: 100\*84.5\*25.4mm(mm)(L×W×H)

### KS122-14DT



### KS123-14DR



# KS Series Expansion module Model Description & Wiring Diagram

## Expansion Module



### KS131-04RD

Power supply: DC24V

Input channel: 4

Input signal: Pt100, Pt1000, Cu50, Resistor are selectable, 2-wire or 3-wire

Measurement range: Pt100 -200~850°C, Cu50 -50~150°C, Pt1000 -50~300°C, Resistor 0~2000Ω

Measurement accuracy: Temperature±0.5°C; Resistance±1Ω

Parameter configuration: Each channel is individually parameterized through KincoBuilder software

Installation size: 100\*84.5\*25.4mm(mm)(L×W×H)



### KS133-06IV

Power supply: DC24V

Input channel: 4 (4-20mA, 1-5V, 0-20mA, 0-10V signals are optional)

Measurement accuracy: 0.3% F.S

Output channel: 2 (4-20mA, 1-5V, 0-20mA, 0-10V signals are optional)

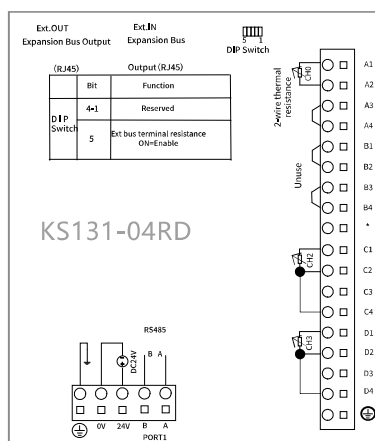
Output accuracy: 0.5% F.S

Parameter configuration: Each channel is individually parameterized through KincoBuilder software

Signal limitation: Current input is not allowed to exceed 24mA, voltage input is not allowed to exceed 12V

Installation size: 100\*84.5\*25.4mm(mm)(L×W×H)

#### KS131-04RD



#### KS133-06IV

