

# KNC-PLC-K633S Analog Input Output Modules



FEATURES

- **Analog Input 4: 4-20mA, 1-5V, 0-20mA, 0-10V**
- **Analog Output 2: 4-20mA, 1-5V, 0-20mA, 0-10V**
- **12-bit Resolution, Accuracy 0.3% F.S. (Full Scale)**

DESCRIPTION

The KNC-PLC-K633S Expansion Modules are offered with 4 Analog Inputs and 2 Analog Outputs. The optional expansion modules are attached to the KNC-PLC-K615S CPU to expand beyond the onboard inputs and outputs. The KNC-PLC-K615S CPUs can handle up to 272 I/O points with a maximum of 16 K6S expansion modules.

SPECIFICATIONS

Parameter	KNC-PLC-K633S-06IV
Channels(AI)	4
Type	4-20mA, 1-5V, 0-20mA, 0-10V
Resolution	12 bits
Accuracy	0.3% F.S.
Input Limits	Current Input $\leq 24\text{mA}$ Voltage Input $\leq 12\text{V}$
Conversion Rate (per channel)	Approximately 15 times/second
Input Impedance	I-mode: $\leq 250\Omega$ V-mode: $>M\Omega$
Channels(AO)	2
Type	4-20mA, 1-5V, 0-20mA, 0-10V
Resolution (including sign bit)	12 bits
Accuracy	0.3% F.S.
Conversion Rate (per channel)	Approximately 15 times/second
External Load: Capacity:	I-mode: $\leq 500\Omega$ V-mode: $>10\Omega$
State Instruction	When the value of the channel exceeds the rated range, the corresponding indicator light will illuminate (red)
AI Image Area	8 Bytes (2 Bytes/Channel)
AO Image Area	4 Bytes (2 Bytes/Channel)

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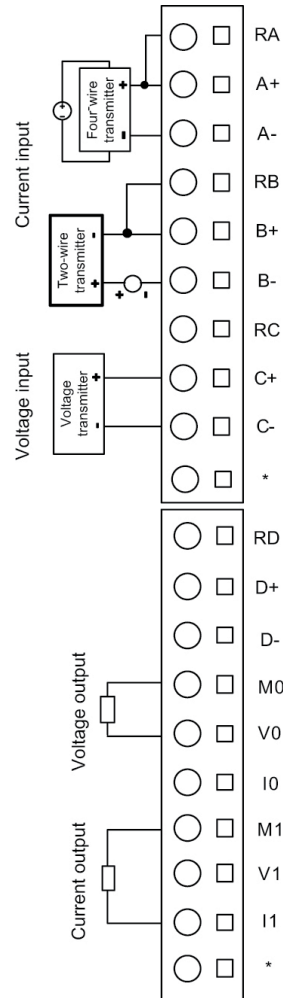
EXPANSION

(Example of Expansion Modules Connected Together)



WIRING DIAGRAM

## KNC-PLC-K633S-06IV



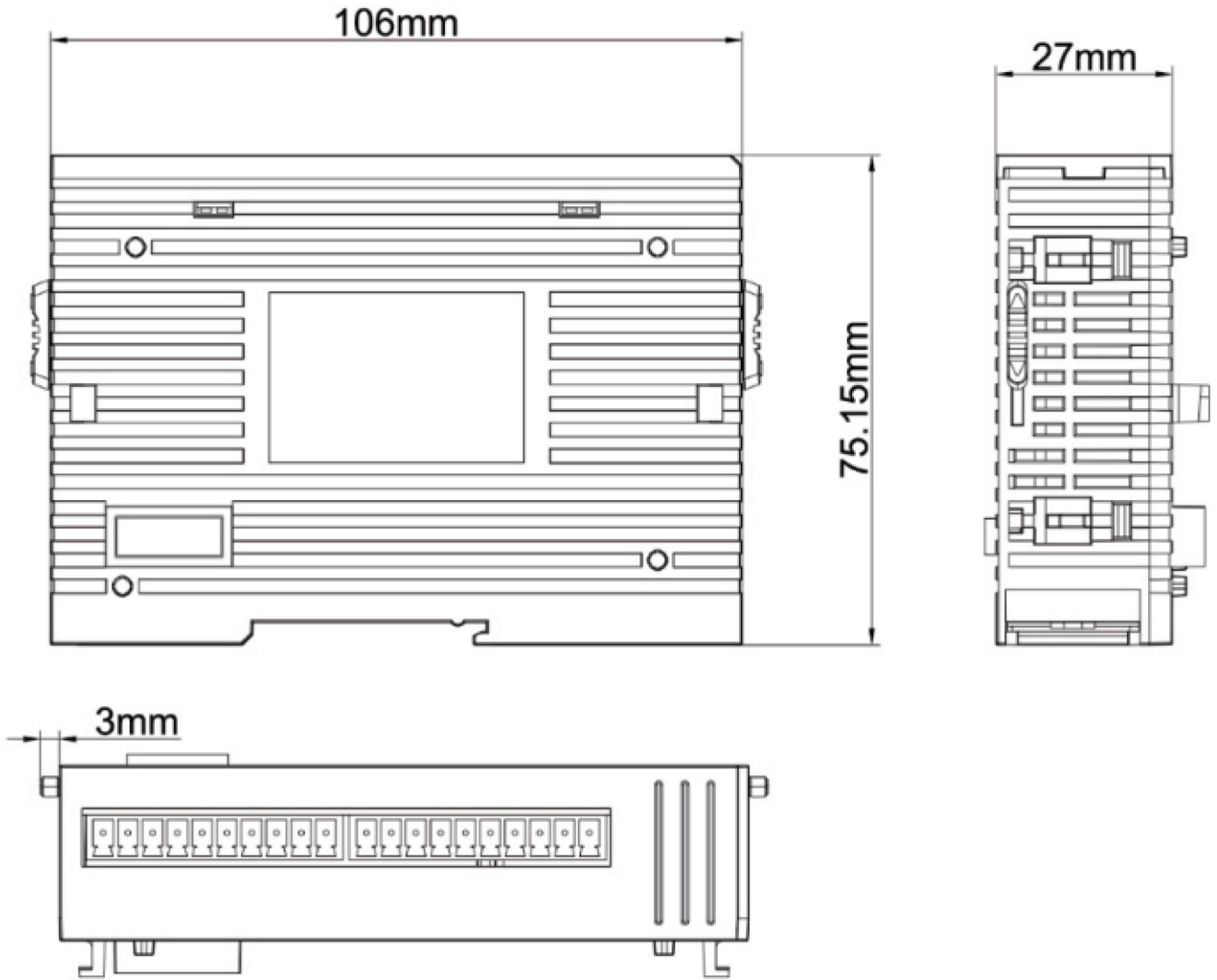
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## DIMENSIONS

KNC-PLC-K633S



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