

JUXTA D Series

General Specifications

Model DAO
OUTPUT ISOLATOR

JUXTA

1. General

This DCS correspondence nest stored type isolator inputs 1~5V DC signals and converts them into various current signals.

2. Specifications

Input & Output	
Input signal	1~5V DC
Input resistance	1M Ω (100K Ω when power off)
Permissible applied voltage	\pm 30V DC or less
Output signal	Current signal
Zero point adjustment range	\pm 1% of span
Span adjustment range	\pm 5% of span
Standard Performance	
Accuracy rating	\pm 0.1% of span
Response speed	150ms 63% response (10~90%)s
Insulation resistance	100M Ω or more (at 500V DC) between input~output, input~power supply and output power supply
Voltage withstand	1500V AC/minute between input~output, input~power supply 500V AC/minute between output~power supply
Ambient temperature and humidity	Normal operating condition : 0~50 $^{\circ}$ C, 5~90% RH Operating limit : -10~60 $^{\circ}$ C, 5~95% RH Storage condition : -10~70 $^{\circ}$ C, 5~95% RH (No condensation)
Power supply voltage	24V DC \pm 10% (ripple content 5% p-p or less)
Effect of power supply voltage fluctuation	\pm 0.1% or less of span per 24V DC \pm 10% fluctuation
Effect of ambient temperature change	\pm 0.2% or less of span per 10 $^{\circ}$ C temperature change
Current dissipation	24V DC 85mA
Mounting & Dimension	
Boards	Both sides glass-epoxy
Mounting method	Store in exclusive nest (signal·power supply be connected through back board and connector)
Wiring	External wiring : Connect to terminal M4 screw of input/output of exclusive nest. Connection to I/O card: Connect by exclusive cable (connector)
External dimension	130.6 X 23.6 X 126mm (HxWxD)
Weight	About 120g
Accessories	
Tag number label ... 4	

Output resistance and permissible load resistance

(DC current output type)		
Output signal	Output resistance	Permissible load resistance
4~20mA DC	5M Ω or more	0~750 Ω
10~50mA DC		0~220 Ω

DAO-6 □ N * A

TYPE _____

INPUT SIGNAL _____
6 : 1~5V DC

OUTPUT SIGNAL _____

A : 4~ 20mA DC

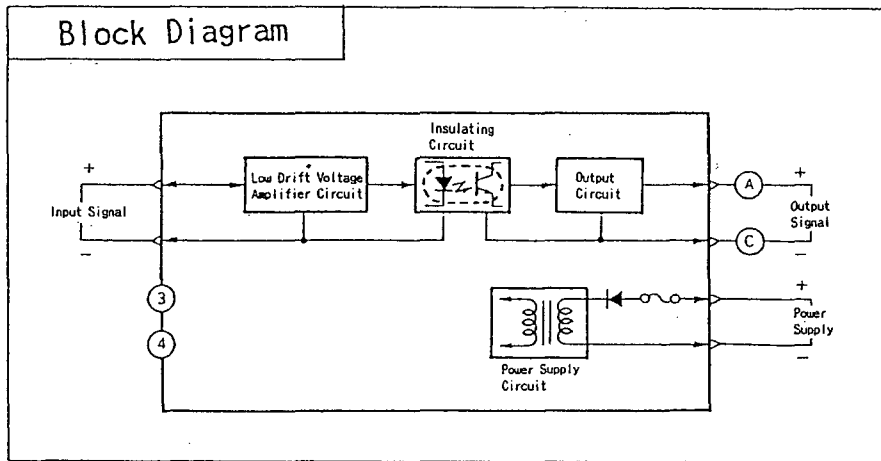
H : 10~50mA DC

Z : (CUSTOM) Current Signal
(when 100% is 50mA or less and
zero elevation is within 25% of span)

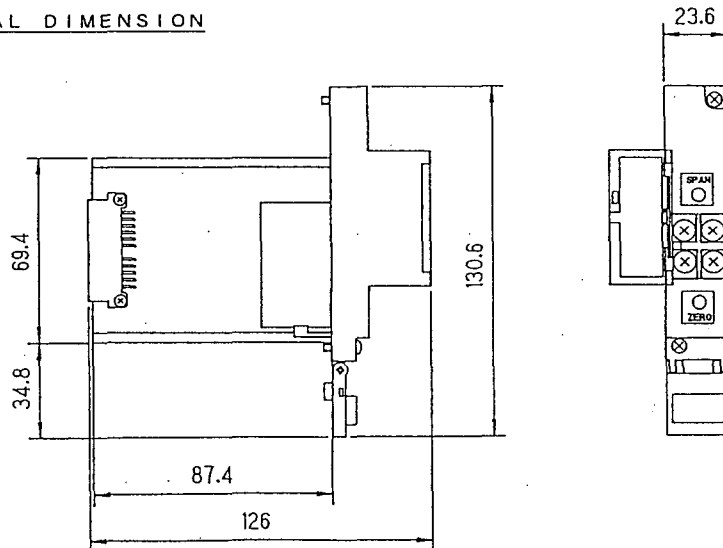
POWER SUPPLY

24V DC±10%

ORDERING INFORMATION
(Example) Type Code : DAO-6AN*A



EXTERNAL DIMENSION



Unit : mm

Subject to change without notice for grade up quality and performance