



EC4-DA4

EtherCAT Slim I/O Module with Isolated 4-channel
AO(Current and Voltage Output)

Features

- On the fly processing: EtherCAT
- EtherCAT conformance test tool verified
- Removable terminal block connector
- 12-bit Analog Output: 4-ch
- ESD Protection 4 KV Contact for each channel



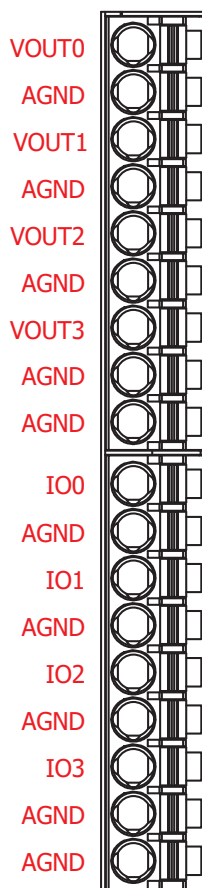
Introduction

The EC4-DA4 features a slim design and is equipped with four 12-bit analog output channels. It has been verified by the conformance test tool and supports the EtherCAT protocol, offering enhanced scalability and reduced cabling. The EC4-DA4 can be easily operated by compatible EtherCAT MainDevice, facilitating the implementation of various applications.

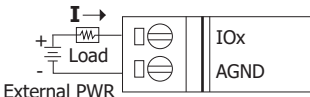
Specifications

EMS Protection	
EFT (IEC 61000-4-4)	Signal: 1 KV Class B; Power: 1 KV Class B
ESD (IEC 61000-4-2)	±4 KV Contact for Each Terminal
Surge (IEC 61000-4-5)	± 1 KV Class A
Analog Output	
Channels	4
Range	±5 V, ±10 V, 0 ~ 5V, 0 ~ 10V, 0 ~ 10 mA, 0 ~ 20 mA
Resolution	12-bit
Accuracy	±0.1% of FSR
Span Drift	±5 ppm/°C
EtherCAT	
Cycle Time	100 µs
Distributed Clocks	Yes
Power	
Input Range	+24 VDC
Consumption	2 W
Mechanical	
Casing	Plastic
Dimensions (mm)	17.5 x 108 x 90 (W x L x D)
Installation	DIN-Rail or Wall Mounting
Environment	
Operating Temperature	-25 ~ +70°C
Storage Temperature	-30 ~ +80°C
Humidity	10 ~ 90% RH, Non-condensing

Pin Assignments



Wire Connections

Voltage Output Wiring	Current Output Wiring
	

Applications

Create your own I/O module

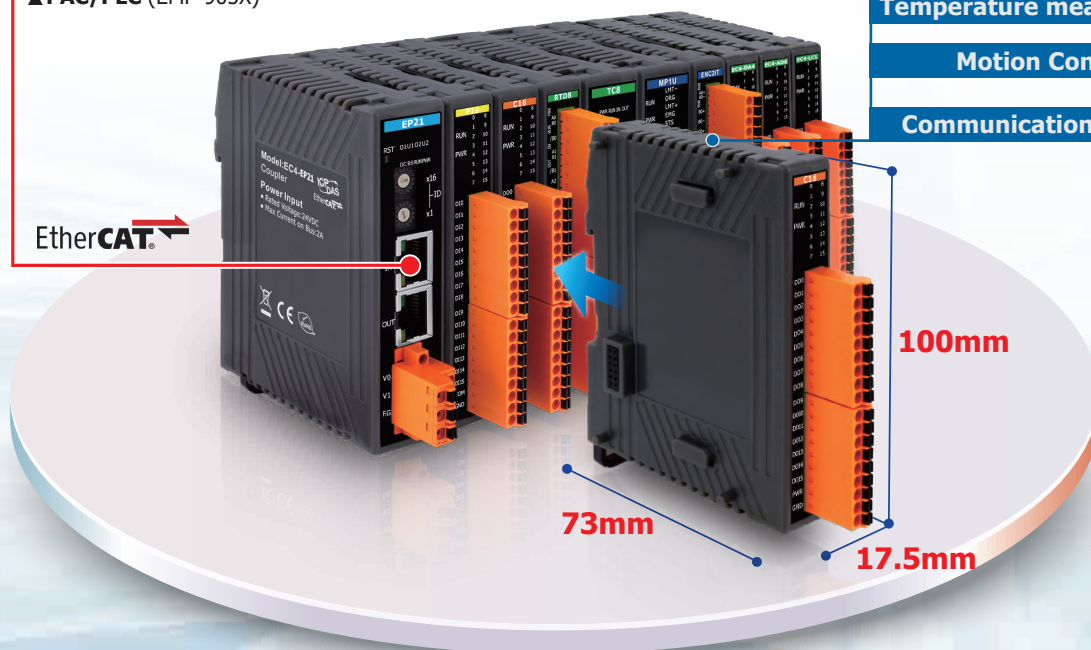
Maximize your I/O system and applications in limited space



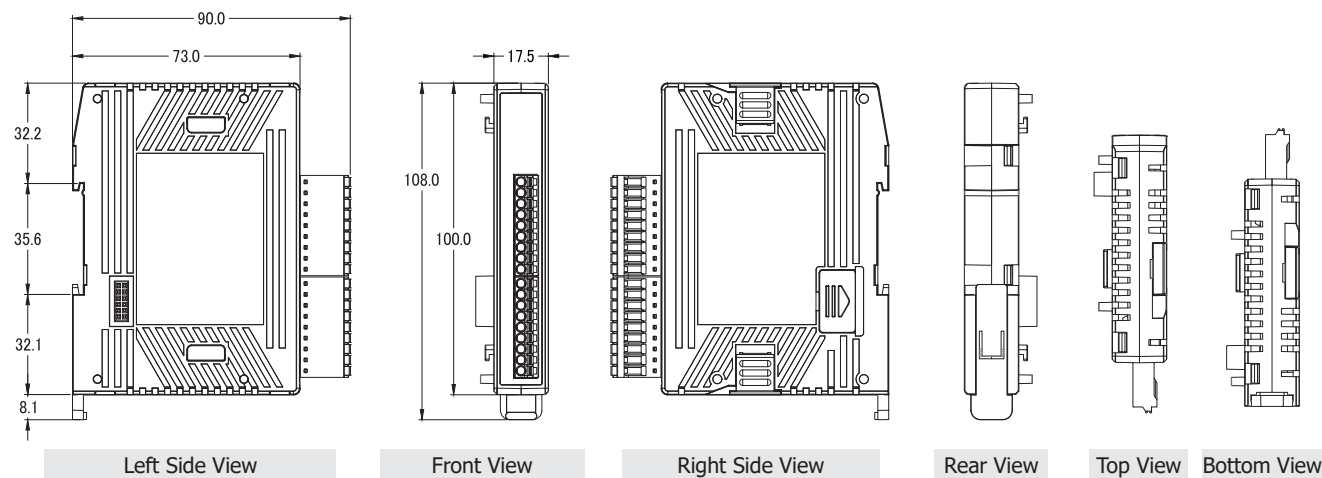
▲ PAC/PLC (EMP-905X)

EtherCAT®

Digital I/O
Analog I/O
Strain measurement
Temperature measurement
Motion Control
Communication coupler



Dimensions (Units: mm)



Ordering Information

EC4-DA4 CR EtherCAT Slim I/O Module with Isolated 4-channel AO (Current and Voltage Output) (RoHS)