



EC4-C16

EtherCAT SubDevice Slim Module with Isolated 16-ch DO

Features

- On the fly processing: EtherCAT
- Removable terminal block connector
- LED indicators for the I/O status
- Built-In isolated 16-channel digital outputs
- Configurable Power-on Value Settings
- Keep output values after state machine change (selectable)



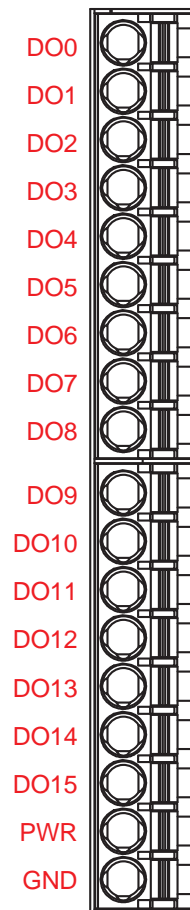
Introduction

The EC4-C16 is an industrial I/O module with 16 isolated digital outputs, based on the slim-type design. It features the EtherCAT protocol, providing a system with higher scalability and fewer cables. Users can obtain output status through data and LED indicator lights. Having passed consistency tests and verification, the EC4-C16 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
Digital Output	
Channels	16
Type	Open Collector (Sink), with internal flywheel diode
Load Voltage	40 VDC Max.
Load Current	500 mA/Channel (Sink)
Isolation	3000VDC
EtherCAT	
Cycle Time	100 μs
Distributed Clocks	Yes
Power	
Input Range	+24 VDC
Consumption	3 W
Mechanical	
Casing	Plastic
Dimensions (mm)	17.5 x 100 x 73 (W x L x D)
Installation	DIN-Rail or Wall Mounting
Environment	
Operating Temperature	-25 ~ +75°C
Storage Temperature	-30 ~ +80°C
Humidity	10 ~ 90% RH, Non-condensing

Pin Assignments



Wire Connections

Output Type	ON State Readback as 1	OFF State Readback as 0
Drive Relay		
Resistance Load		

Applications

Create your own I/O module

Maximize your I/O system and applications in limited space



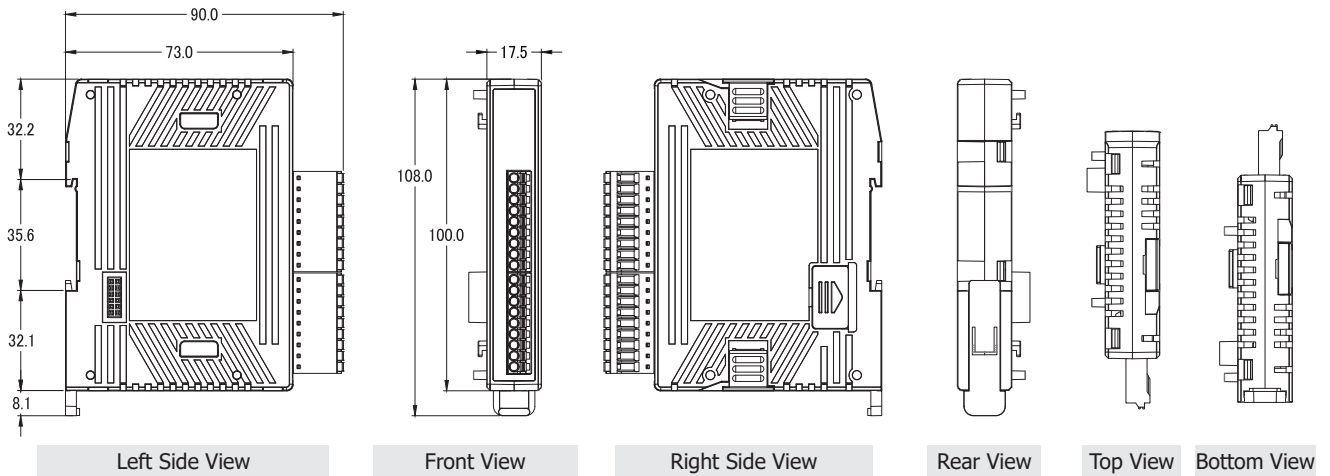
▲ PAC/PLC (EMP-905X)

EtherCAT

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



Dimensions (Units: mm)



Ordering Information

EC4-C16 CR	EtherCAT SubDevice Slim Module with Isolated 16-ch DO (RoHS)
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