



Features:

- Built-in Isolated 8 channel Digital Input/8 channel Digital Output
- Load Voltage Rating Up to 56VDC
- Up to 3750 Vrms Isolation Voltage Protection
- Internal Monitoring Hardware Information
- Support EtherCAT Distributed Clock (DC) Mode
- EtherCAT Conformance test tool verified
- Operating Temperature -20 to +70 °C

Specifications

Digital Input/Output	
Channel	16 (Isolated Channel)
Input/Output Type	Sink
Frequency	8 KHz
DI - Delay	Propagation delay time: 150 ns
DI - Load Voltage	Max. 56VDC
DO - MOSFET	MOSFET
DO - Delay	Propagation delay time: 50 μ s
DO - Load Voltage	Max. 56VDC
DO - Load Current	1A per channel (Optional to 2A)
General	
Connector	16-channel Push-in Terminal (Euroblock)
Connector Color	Positive: Red (Input)/Orange (Output), Negative: Black
Protocol	EtherCAT (RJ-45 x 2)
Ethernet Standard	IEEE 802.3
Transmission Rate	100Mbps
Power Connector	6-pin Power Input/Output
Power Requirement	+19 to +50VDC Power Input (Typ. +24VDC@100mA)
Power Consumption	2 W
LED Indicator	PWR, RUN, LINK, ERROR, DI/DO status
Certifications	CE, FCC, VCCI
Environment	
Isolation Protection, Optocoupler	Digital Input: 2500 Vrms/Digital Output: 3750 Vrms
Operating Temperature	-20 to +70 °C
Hardware	
Dimension	105 x 66 x 30mm (Without DIN-Rail)
Weight	265 g
Installation	DIN rail
Internal Monitoring	Temperature, Voltage, Current

Ordering Information

QEC-R00D88H-N	EtherCAT Slave High-speed Digital Input/Output Module
QEC-R00D88H-C	EtherCAT Slave High-speed Digital Input/Output Module (board with coating)
QEC-R11D88H-N	EtherCAT Slave High-speed Digital Input/Output Module/PoE

* For detailed ordering information, please contact our sales staff or view the user manual.

Dimension

