



Features:

- 16-channel Digital Input (Sink Type)
- Voltage Rating Up to 56VDC
- 2500 Vrms Isolation Voltage Protection
- Input Propagation delay time 150 ns
- Detection of Internal Hardware Information
- Isolated I/O channels design for protection

Specifications

Digital Output	
Channel	16 (Isolated Channel)
Input/Output Type	Sinking
DI - Frequency	8 KHz
DI - Delay	Propagation delay time: 150 ns
DI - Voltage	Max. 56VDC
General	
Connector Color	Positive: Red, Negative: Black
Protocol	EtherCAT (RJ-45 x 2)
Connector	16-channel Push-in Terminal (Euroblock)
Transmission Rate	100Mbps
Power Requirement	+24VDC@100mA
Power Consumption	2.4W@24VDC
LED Indicator	PWR, RUN, DI status
Environment	
Isolation Protection, Optocoupler	2500 Vrms
Operating Temperature	-20°C to +70 °C
Hardware	
Dimension	105 x 66 x 30mm (Without DIN-Rail)
Installation	DIN rail
Detection	Temperature, Voltage, Current

Ordering Information

QEC-R00DF0H-N	16-ch High-speed Digital Input Module
QEC-R00DF0H-C	16-ch High-speed Digital Input Module (board with coating)