



### Features:

- 16-channel Digital Output (Sink Type)
- Voltage Rating Up to 56VDC
- 3750 Vrms Isolation Voltage Protection
- Output Propagation delay time 50  $\mu$ s
- Detection of Internal Hardware Information
- Isolated I/O channels designed for protection

### Specifications

<b>Digital Output</b>	
Channel	16 (Isolated Channel)
Input/Output Type	Sinking
DO - MOSFET	MOSFET
DO - Frequency	8 KHz
DO - Delay	Propagation delay time: 50 $\mu$ s
DO - Load Voltage	Max. 56VDC
DO - Load Current	1A (Optional to 2A)
<b>General</b>	
Connector Color	Positive: Orange, Negative: Black
Protocol	EtherCAT (RJ-45 x 2)
Connector	16-channel Push-in Terminal (Euroblock)
Transmission Rate	100Mbps
Power Requirement	+24VDC@140mA (Typ.)
Power Consumption	3.4W@24VDC
LED Indicator	PWR, RUN, DO status
<b>Environment</b>	
Isolation Protection, Optocoupler	3750 Vrms
Operating Temperature	-20°C to +70 °C
<b>Hardware</b>	
Dimension	105 x 66 x 30mm (Without DIN-Rail)
Installation	DIN rail
Detection	Temperature, Voltage, Current

### Ordering Information

QEC-R00D0FH-N	16-ch High-speed Digital Output Module
QEC-R00D0FH-C	16-ch High-speed Digital Output Module (board with coating)