



## Specifications

Model Name	QEC-RXXDT0H	QEC-RXXD0TH	QEC-RXXDT0L	QEC-RXXD0TL
Digital Type	Input	Output	Input	Output
I/O Type	Sink (NPN)	Sink (NPN)	Sink (NPN)	Sink (NPN)
Channel	32	32	32	32
I/O Frequency	8KHz	8KHz	—	—
Propagation delay time	150 ns	50 $\mu$ s	150 ns	50 $\mu$ s
Mailbox Service	Yes	Yes	No	No
Distributed clocks	Yes	Yes	No	No
<b>Digital Input</b>				
Load Voltage	Max. 40 VDC	—	Max. 40 VDC	—
<b>Digital Output</b>				
MOSFET	—	MOSFET	—	MOSFET
Load Voltage	—	Max. 40 VDC	—	Max. 40 VDC
Load Current	—	250 mA	—	250 mA
<b>General</b>				
Connector	32-channel Push-in Terminal (Euroblock)			
Connector Color	Positive: Red Negative: Black	Positive: Orange Negative: Black	Positive: Red Negative: Black	Positive: Orange Negative: Black
Protocol	EtherCAT (RJ-45 x 2)			
Ethernet Standard	IEEE 802.3			
Transmission Rate	100 Mbps			
Power Connector	4-pin Power Input/Output & 2-pin FGND			
Power Requirement	+19 to +50 VDC Power Input (Typ. +24 VDC @ 100-140 mA)			
Power Consumption	3 W	3 W	2.4 W	2.4 W
LED Indicator	PWR, RUN, LINK, ERROR, DI/O status			
Certifications	CE, FCC, VCCI			
<b>Environment</b>				
Isolation Protection, Optocoupler	2500 Vrms	3750 Vrms	2500 Vrms	3750 Vrms
Operating Temperature	-20 to +70 °C			
<b>Hardware</b>				
Dimension	107.45 x 66 x 34 mm (Without DIN-Rail)			
Weight	245 g	265 g	245 g	265 g
Installation	DIN Rail			
Internal Monitoring	Yes	Yes	No	No

## Ordering Information

QEC-R00DT0H-N	EtherCAT High-speed Digital Input 32 channels modules.
QEC-R11DT0L-N	EtherCAT Digital Input 32 channels modules/PoE.
QEC-R00D0TH-N	EtherCAT High-speed Digital Output 32 channels modules.
QEC-R11D0TL-C	EtherCAT Digital Output 32 channels modules (board with coating).

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

## Dimension

