



## Features:

- Realizing flexible wiring by daisy chain and branch connection
- Connection Lengths: Up to 100 m (100BASE-TX)
- Easy to maintain, to prevent entire system breakdown
- Dual Isolated Power Input with Redundancy backup
- Internal Monitoring Hardware Information
- EtherCAT Conformance test tool verified
- Operating Temperature -20 to +70 °C

## Specifications

Technical data	
Task within EtherCAT system	Conversion of the EtherCAT network
Connection Lengths	100 m (100BASE-TX)
General	
Connector Interface	RJ45
Connector Color	Red: with PoE; Black: without PoE
Protocol	EtherCAT
Ethernet Standard	IEEE 802.3
Transmission Rate	100Mbps
Configuration	Not required
Power Connector	4-pins Power Input/Output & 2-pins FGND
Power Requirement	+19 to +50VDC Power Input (Typ. +24VDC@20mA)
Power Consumption	0.5 W
LED Indicator	PWR, RUN, LINK, ERROR, Junction RJ45 LINK
Certifications	CE, FCC, VCCI
Environment	
Operating Temperature	-20°C to +70 °C
Hardware	
Dimension	107.45 x 66 x 30mm (Without DIN-Rail)
Weight	240 g
Installation	DIN rail
Internal Monitoring	Temperature, Voltage, Current, Startup time

## Ordering Information

QEC-R00JT1S-N	EtherCAT Junction without PoE
QEC-R11JT1S-N	EtherCAT Junction without PoE/PoE
QEC-R00JT2S-N	EtherCAT Junction with PoE
QEC-R11JT2S-N	EtherCAT Junction with PoE/PoE

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