



Specifications

Product Model	QEC-RXXJT1S/2S		QEC-RXXJT3S	QEC-RXXJT6S
Port Type	EtherCAT Junction		EtherCAT Fiber Optics	EtherCAT Junction
Port Configuration	3 Ports (1 In/2 Out)		3 Ports (1 In/1 Out/1 Fiber Optics)	6 Ports (1 In/5 Out)
Network Speed	EtherCAT, 100BASE-TX		EtherCAT, 100BASE-FX	EtherCAT, 100BASE-TX
Fiber Wavelength	-		1310 nm	-
Auto MDI/MDIX	Supported			
Reference Clock	Supported			
Maximum Cable Length	100 m	20 km	100 m	
General				
Connector Interface	RJ45	RJ45; Duplex SC connector, single-mode	RJ45	
Connector Color	Red: with PoE; Black: without PoE; Silver: Standard RJ45			
Protocol	EtherCAT; verified using the EtherCAT Conformance Test Tool (CTT)			
Ethernet Standard	IEEE 802.3			
Transmission Rate	100 Mbps			
Configuration	Not required			
Power Connector	4-pins Power Input/Output & 2-pins FGND			
Power Requirement	+19 to +50 VDC power input (+24 VDC typ.)			
Power Consumption	0.3 W	0.3 W	0.5 W	
LED Indicator	PWR, RUN, LINK, ERROR, Junction (Fiber Optics) RJ45 LINK			
Certifications	CE, FCC, VCCI			
Environment				
Operating Temperature	-20 °C to +70 °C			
Storage Temperature	-30 °C to +80 °C			
Relative Humidity	10–90% RH, non-condensing			
Hardware				
Dimensions	107.45 × 66 × 30 mm (excluding DIN-rail mount)			
Weight	215 g	235 g	255 g	
Installation	DIN rail			

Ordering Information

QEC-R00JT1S-N	EtherCAT Junction Module (1 In/2 Out).
QEC-R00JT3S-N	EtherCAT Fiber Optics Junction Module (1 In/1 Out/1 Fiber Optics).
QEC-R00JT6S-N	EtherCAT Junction Module (1 In/5 Out).

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