



## Features:

- 3 stepper motors (2-phase bipolar stepper motor)
- Drive current up to 4.84A, peak 5.0A (Adjustable by Switch)
- Encoder interfaces (A, B, Z), differential
- Highest resolution: 16 micro-steps per full step
- Automatic current reduction when the motor is not moving
- EtherCAT Conformance test tool verified
- Operating Temperature -0 to +50 °C

## Specifications

Stepper Motor	
Number of Outputs	3 x stepper motors (2-phase bipolar stepper motor)
Output Current	Max. 4.84A, peak 5.0A
Voltage Requirement	+8 to +42VDC
Step frequency	200KHz
Microsteps	Max. 16 per step
Digital Inputs	3 x home switch & Emergency Stop Input
Encoder	
Encoder Inputs	Encoder counter (A, B, Z), differential
Maximum Encoder pulse frequency	14 MHz
Encoder Power supply	5V
General	
Connector	Push-in Terminal (Euroblock)
Protocol	EtherCAT (RJ-45 x 2)
Ethernet Standard	IEEE 802.3
Transmission Rate	100Mbps
Power Connector	4-pins Power Input/Output & 2-pins FGND
Power Requirement	+19 to +50VDC Power Input (Typ. +24VDC@300mA)
Power Consumption	Min. 7.2 W
LED Indicator	PWR, RUN, LINK, ERROR, Stepper Motor status
Environment	
Operating Temperature	-0 to +50 °C
Hardware	
Dimension	105 x 66 x 30mm (Without DIN-Rail)
Weight	370 g
Installation	DIN rail
Internal Monitoring	Temperature, Voltage, Current

### Ordering Information

QEC-R00MP3S-N	EtherCAT Slave 3 axis Stepper Motor Controller
QEC-R00MP3S-C	EtherCAT Slave 3 axis Stepper Motor Controller (board with coating)
QEC-R11MP3S-N	EtherCAT Slave 3 axis Stepper Motor Controller/PoE

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

### Dimension

