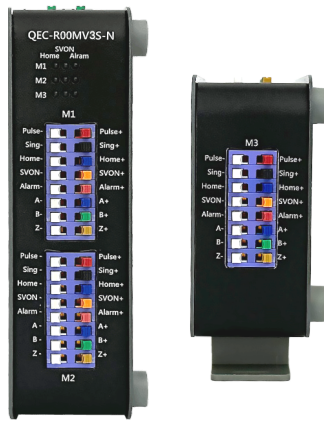




Features:

- Support CiA 402 device profile and G-code
- 3-axis independent control and pulse output up to 4Mpps
- Pulse output options: Pulse/DIR
- Encoder interfaces (A, B, Z), differential
- Internal Monitoring Hardware Information
- EtherCAT Conformance test tool verified
- Operating Temperature -20 to +70 °C

Specifications

Pulse Type Motion Control

Interface	EtherCAT
Drive Profile	CiA402, G-code
Number of Motors	3
Minimum Communication Cycle	125 µs
Synchronization Mode	DC, SM2, FreeRun
Pulse command Output	4Mpps
Committed I/O Signal	Pulse± / Sing± / Home± / Son± / Alarm± / A± / B± / Z± for each channel

Encoder

Encoder Inputs	3 x Encoder counter (A, B, Z), differential
Maximum Encoder pulse frequency	14 MHz
Positioning Range	-2,147,483,648 through 2,147,483,647 pulse (32-bit)

General

Connector	Push-in Terminal (Euroblock)
Protocol	EtherCAT (RJ-45 x 2)
Ethernet Standard	IEEE 802.3
Transmission Rate	100Mbps
Power Connector	4-pin Power Input/Output & 2-pin FGND
Power Requirement	+19 to +36VDC Power Input (Typ. +24VDC@300mA)
Power Consumption	Min. 7.2 W
LED Indicator	PWR, RUN, LINK, ERROR, Alarm, Home, Motor
Certifications	CE, FCC, VCCI

Environment

Operating Temperature	-20 to +70 °C
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Hardware

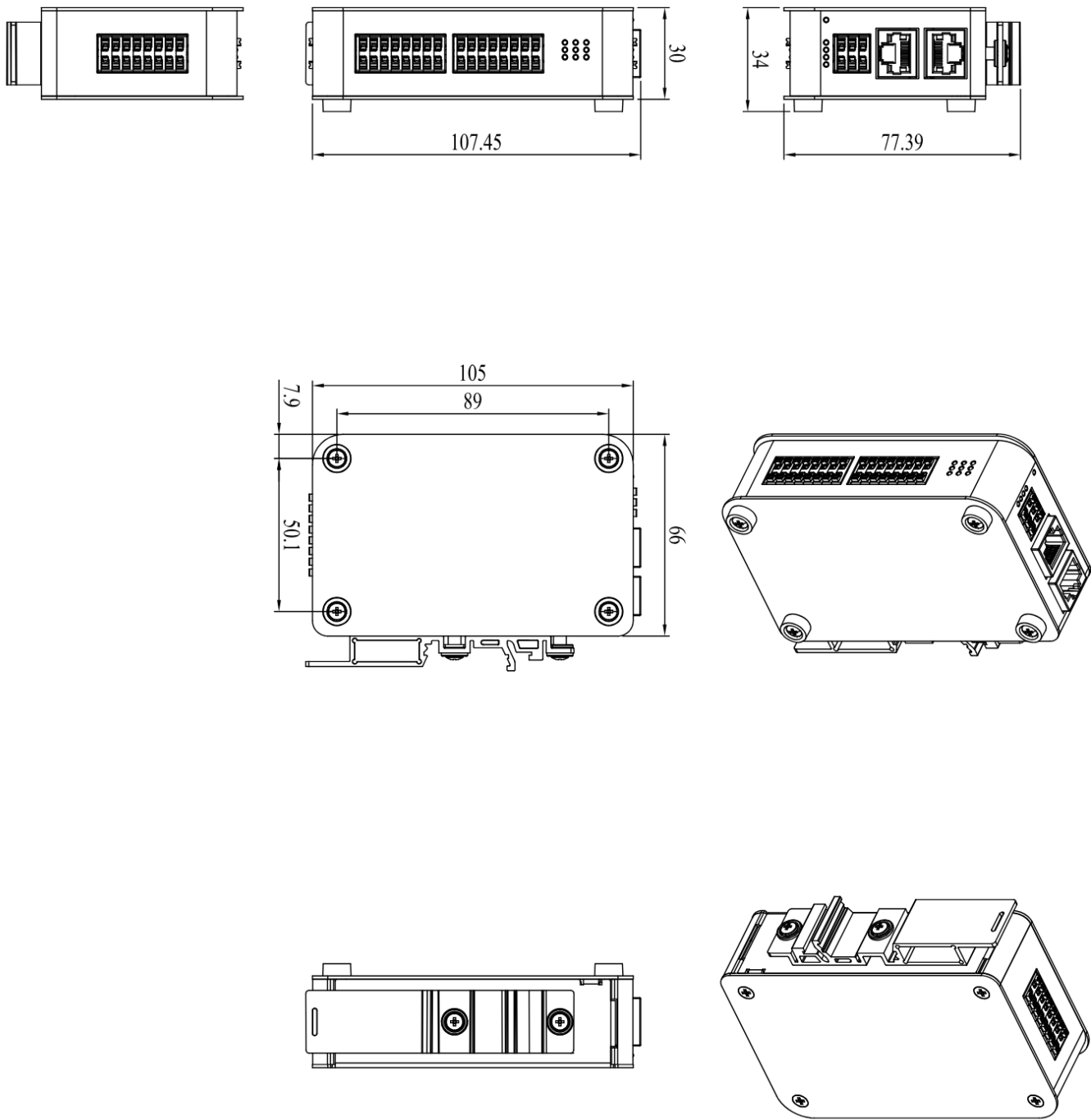
Dimension	107.45 x 66 x 30mm (Without DIN-Rail)
Weight	370 g
Installation	DIN rail
Internal Monitoring	Temperature, Voltage, Current, Startup time

Ordering Information

QEC-R00MV3S-N	EtherCAT Pulse Output Module
QEC-R00MV3S-C	EtherCAT Pulse Output Module (board with coating)
QEC-R11MV3S-N	EtherCAT Pulse Output Module/PoE

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

Dimension



1:1.5