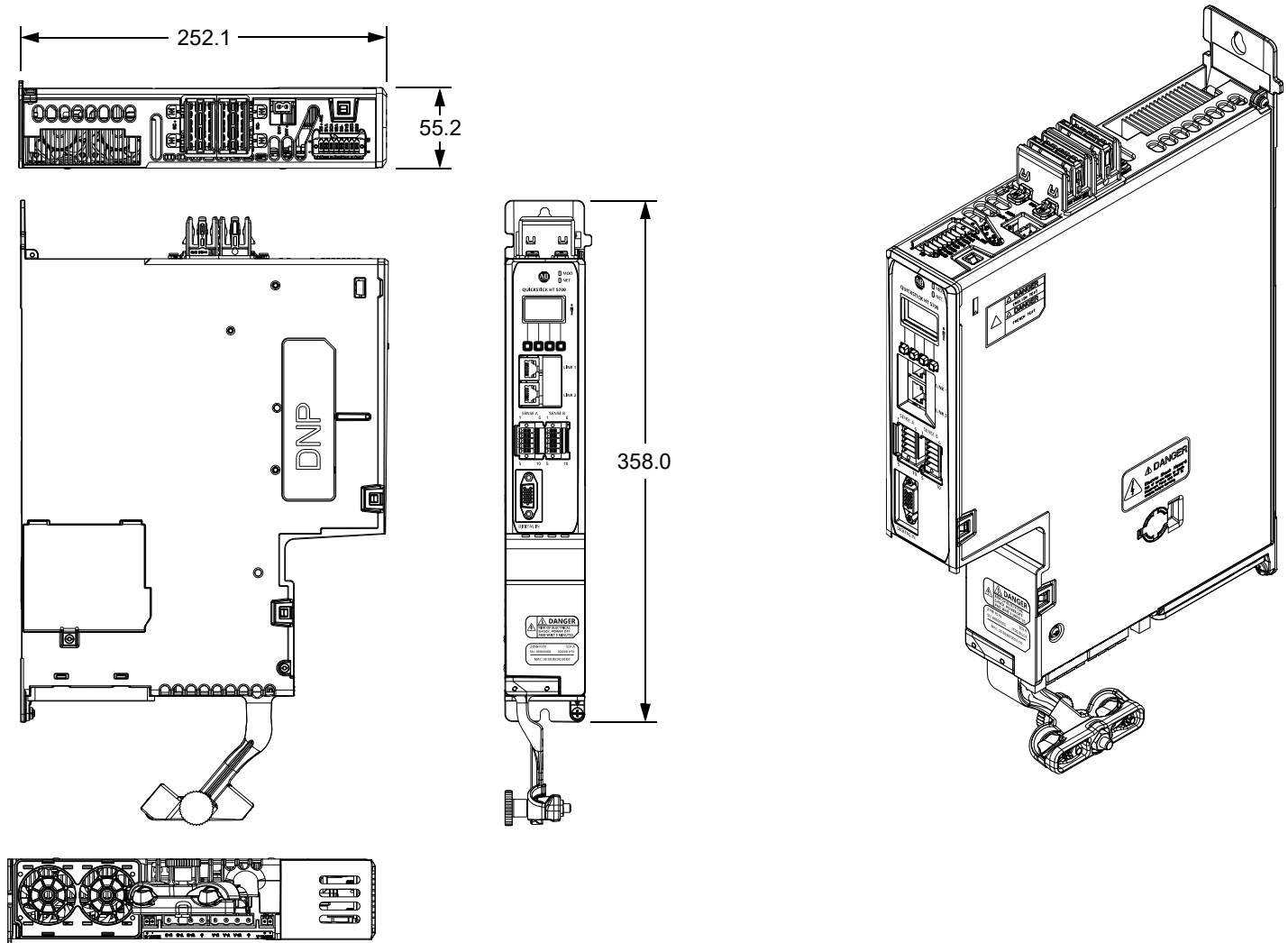


# QuickStick HT 5700 Inverter

Catalog Number MMI-HT-C2198-D032



- QuickStick High Thrust systems consist of modules that include motors mounted to user-designed support structures, magnet arrays mounted to user-designed vehicles, motor controllers, system controllers, and power supplies.
- External driver for QuickStick<sup>®</sup> HT motors.
- Supports one 1 m motor, or one or two consecutive 1/2 m motors, or one 1/2 m double-wide motor.
- Separate control power source allows motor configuration without enabling propulsion power.
- Built-in functional safety (Safe Torque Off function).
- IP20 (IEC 60529) ingress protection rating.
- CE Certified, UL Recognized.
- Uses Rockwell Automation Kinetix zero-stack tab and cutout system mounting.

## Physical Specifications

**Dimensions\*** : 55.2 W x 358.0 H x 252.1 D

**Weight:** 4.16 kg [9.17 lb]

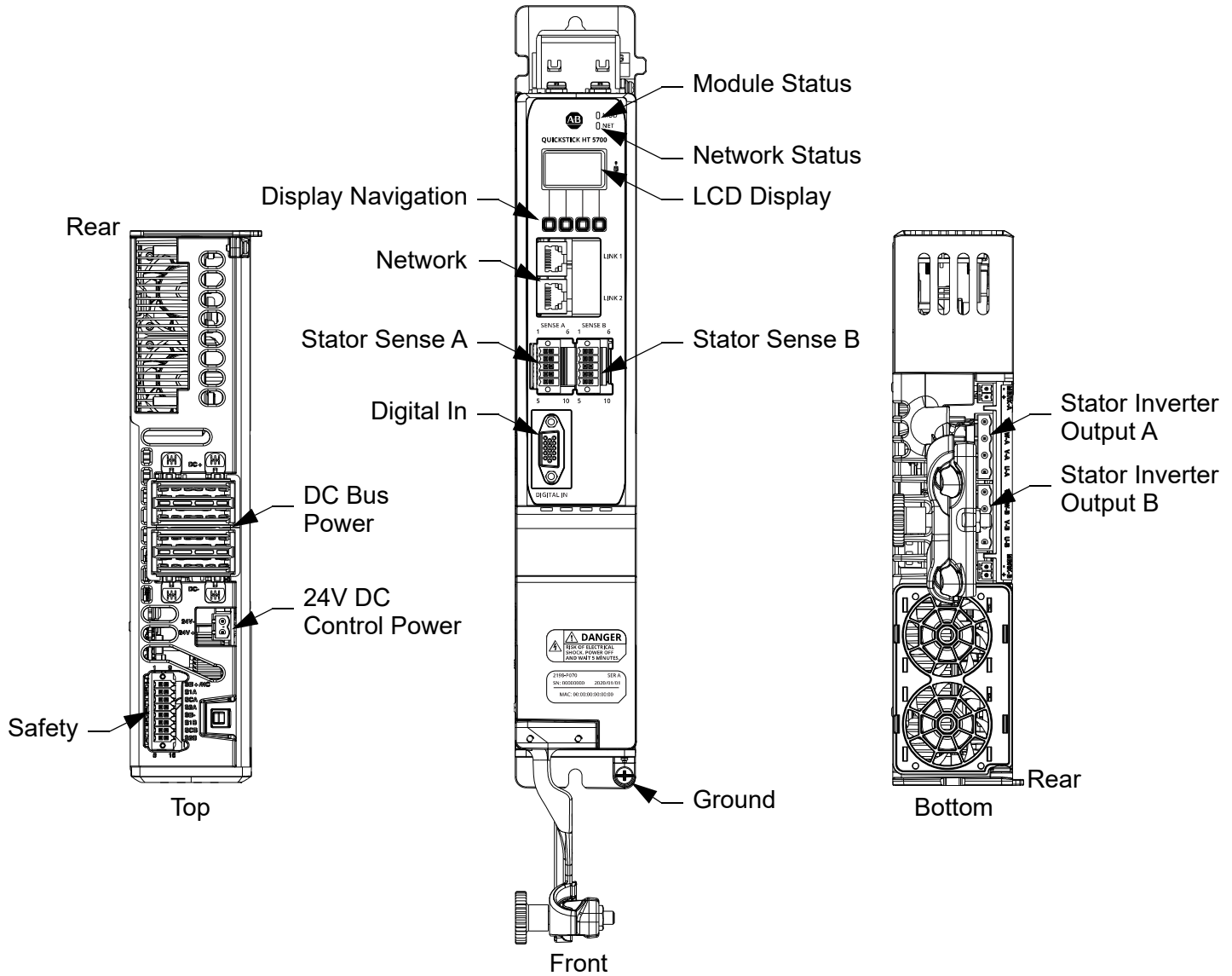
\* All dimensions are millimeters.

## Environmental Specifications

**Ambient Temperature:** 0...50° C [32...122° F]

**Relative Humidity:** 5...95% (non-condensing)

## Electrical Specifications



### Connections

**Input Power Rating\*:**

DC Bus Input Power: +276...747V DC, 13.7 A  
 Control Power: +24V DC ±10%, 1.2 A typical, 5.8 A maximum

**Inverter Output:**

8.9 kW @ 0...460V rms, 3 phase, 0...590 Hz, 13.0 A rms continuous, 20 A rms peak per output

**Safety:**

Hardwired Safe Torque Off

**Network:**

Standard 10/100/1000 Base-TX, full duplex, Ethernet

**Stator Sensors:**

Magnet array position sense

**Digital Input:**

4 digital inputs

\* Power drawn varies based on the vehicles being used and the maximum acceleration or velocity of the vehicles.

### Controls and Displays

**Module Status:**

Displays control power status

**Network Status:**

Displays network connection status

**LCD Display:**

Displays general module status

## Rockwell Automation Support

Use the following resources to access support information.

|   |  |  |
|---|--|--|
| <b>Technical Support Center</b>                         | Knowledgebase Articles, How-to Videos, FAQs, Chat, User Forums, Product Notification Updates, and the Direct Dial Code for your product. | <a href="http://rok.auto/support">rok.auto/support</a>                 |
| <b>Literature Library</b>                               | Installation Instructions, Manuals, Brochures, and Technical Data.   | <a href="http://rok.auto/literature">rok.auto/literature</a>           |
| <b>Product Compatibility and Download Center (PCDC)</b> | Get help determining how products interact, check features and capabilities, and find associated firmware.                               | <a href="http://rok.auto/pcdc">rok.auto/pcdc</a>                       |
| <b>Product Catalog and Configurator</b>                 | Additional product information including CAD drawing files, 3D models, photos, and more.   | <a href="http://rok.auto/productdrawings">rok.auto/productdrawings</a> |

## Documentation Feedback

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Rockwell Automation maintains current product environmental information on its website at [rok.auto/pec](http://rok.auto/pec).

Product certificates are available on the Rockwell Automation website at [rok.auto/certifications](http://rok.auto/certifications).

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