

KINESYS
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Kinesys Apex Drive Spec Sheet

⌚ Sep 27, 2025 Knowledge

Title

Kinesys Apex Drive Spec Sheet

URL Name

1260803320770-kinesys-apex-drive-spec-sheet

Summary ⓘ

Details

Kinesys Apex Drive Spec Sheet

Key Features

- Compatible with all TAIT and Kinesys software
- On-board safety features
- Manual controls on front panel
- Touchscreen display
- Real-time data logging
- True zero speed; zero speed load holding with open brakes
- SIL3 rated



Description

The Apex Drive V2 is a variable-speed chain hoist controller designed to comply with the most rigorous industry safety standards. It is used primarily in conjunction with the Kinesys Apex Hoist range of electric chain hoists and is also compatible with a range of TAIT and Kinesys software platforms.

Two variants are available - Apex Drive V2 (Modbus) and Apex Drive V2 NAV. The NAV variant is compatible with TAIT software platforms such as iQ and Navigator. Each variant is available in 200 V, 400 V or 480 V.

The Apex Drive V2 features a touchscreen display which can be used to perform a variety of tasks such as viewing hoist feedback, performing diagnostics and manual control. The on-board safety features of the Apex Drive V2 mean that a custom power distribution system is not required.

Creating large systems of Apex units is made easy due to the ability to daisy-chain the Apex Drive V2 using the CeeForm connection on the rear panel.

Specifications

Electrical

Rated Voltage 208V / 400V / 480V AC ±10% 50-60Hz

Power 208V: 19A nominal, 30A peak 3P+N+G
400V: 10A nominal, 15A peak 3P+N+G
480V: 8A nominal, 12.5A peak 3P+G

Mains Connector 208V: L21-30 Twist-Lock®
400V: 30A IEC 60309 pin and sleeve (CeeForm)
480V: L16-30 Twist-Lock®

Drive Type Closed loop

Motor Type Servo or Induction

Connections

Control NAV:NET (NAV version only), EtherCon connectors In and Thru

Construction

Dimensions (L x H x D) 423 mm x 132 mm x 520 mm (16.7 in x 5.2 in x 20.5 in)
3U height
Excluding cables, connectors and handles

Weight 208 V: 19.75 kg (43.5 lbs)
400 V: 20.5 kg (45.2 lbs)
480 V: 24.5 kg (54.0 lbs)

Mounting Rack mount (3U), Truss mount

Certifications

Safety

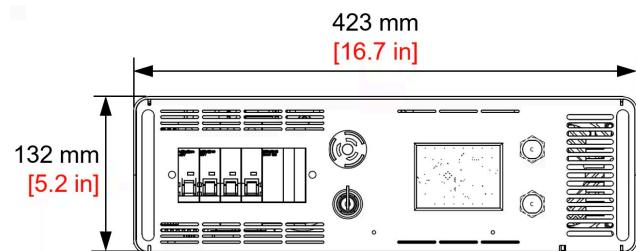
Emergency stop / hold to run
SS1: Safe Stop 1
SLS: Safe Limited Speed
SLA: Safe Limited Acceleration
SEL: Safe Emergency Limit
SDI: Safe Direction
Safe Load Monitoring, Safe Brake Control, Safe Group Halt

Compliance

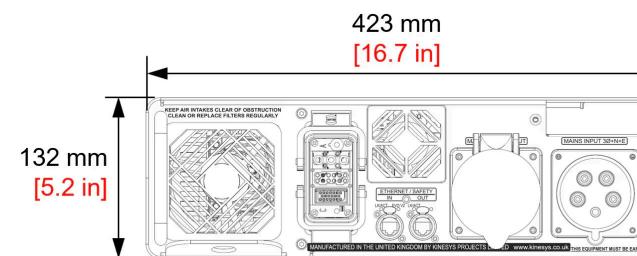
Low Voltage Directive
EMC Directive
EN 60204-1
EN 62061 - SIL 3 rated when used in conjunction with safety controller
Kinesys Mentor.
EN 61000-6-2
EN 61000-6-4

Dimensions

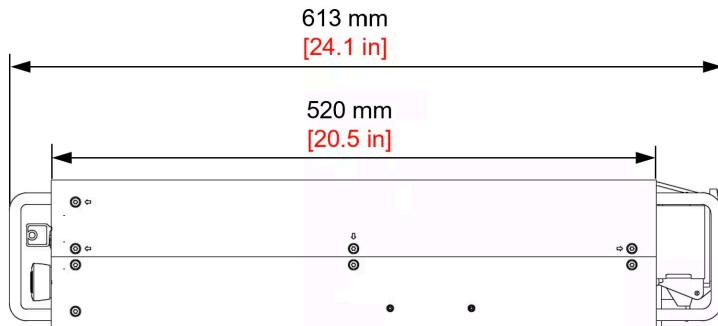
Front View



Rear View



Side View



Still Have Questions?

If you have any questions at all--or if you're ready to rent--[please contact us](http://www.taittowers.com/contact/) (<http://www.taittowers.com/contact/>). We look forward to hearing from you soon!

Disclaimer: These specifications are general guidelines only and may not be appropriate for your particular project. All product specifications and Data are subject to change without notice. Data, performance features, and images may vary from the final project quote. Issue date: 2025.01.24. Copyright 2025 TAIT Towers Manufacturing, LLC. All rights reserved.

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