Kinesys DigiHoist Spec Sheet

🕐 Sep 27, 2025 Knowledge

Title

Kinesys DigiHoist Spec Sheet

URL Name

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Summary ⓘ

Details

Kinesys DigiHoist Spec Sheet

Key Features

- Fixed speed digital hoist controller (hoist speed can be selected within the controlling software)
- Low voltage and direct control versions available
- 32A (DigiHoist) and 63A (DigiHoist PLUS) versions available
- Multiple connection options available on back panel on order, including Socapex, Harting, P14 and Ceeform
- Link up to 12 units (96 channels) in a single chain
- 8, 16, and 32, remote handset connection option
- Local controls on front panel including Up/Down toggle switches
- Miniature circuit breaker (MCB) protection for each pair of connected hoists

Description

The DigiHoist platform is a range of intelligent electric fixed-speed chain hoist controllers incorporating an advanced digital communications link. Optional features include Libra Cell connectivity for load monitoring as well as encoder and Ethernet connectivity for enhanced positioning control.

The digital communications links allow units to be daisy chained together and incorporates self-healing emergency stop connections, eliminating the need for shorting plugs. Linked units will automatically address the connected channels according to their position in the chain, reducing setup time.

The high-resolution graphic display on the front panel offers comprehensive channel feedback including channel number, status, Libra Cell load reading end encoder information. Safety features include hoist presence indication, limit monitoring, and group halt on fault conditions.

Specifications

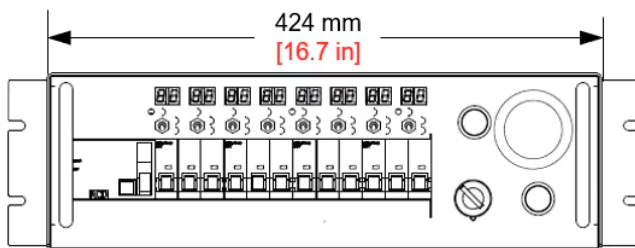|	DigiHoist (32A)	DigiHoist PLUS (
Electrical		
Power supply	3-phase + neutral + earth, 50-60 Hz, 175-435V (32A or 63A ma	
Mains connector	IEC 60309 32A 'Ceeform' type socket	
Control connections	Amphenol C16-3 Link In Amphenol C16-3 Link Out EtherCON input XLR4 input for load cells	
Hoist connection options	8 x Ceeform 2 x Harting 16 + 32A Ceeform 2 x Socapex 19 + 32A Ceeform 4 x Socapex 19 4 x Harting 16 2 x Harting 32 + 32A Ceeform 8 x Harting 6 8 x Socapex 7 8 x Socapex 14	
Construction		
Dimensions, excluding cables, handles and mounting hardware (W x H x D)	424 mm x 178 mm x 400 mm (16.7 in x 7.0 in x 15.7 in)	420 mm x 264 mn (16.5 in x 10.4 in)
Weight (dependent on configuration)	18 - 25 kg (39.7 - 55.1 lbs)	30 - 35 kg (66.1 -
Rack mount size	4U	6U

Characteristics

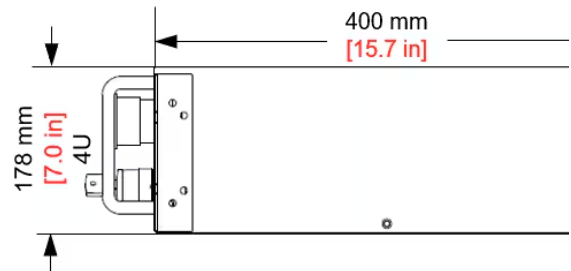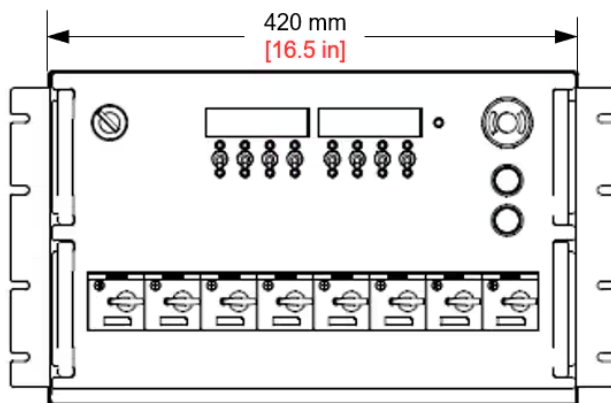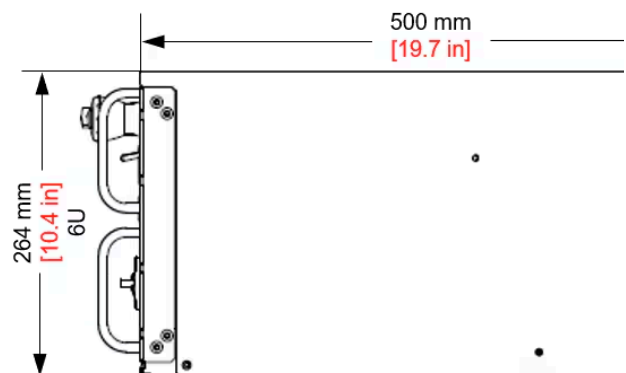|	
Enclosure	1.5 mm steel; matt black powder coat finish
Ingress Protection	IP30
Temperature	Operating: 0 to 40ºC (32 to 104ºF) Storage: -20 to 80ºC (-4 to 175ºF)
Cooling	Natural air cooling
Compliance	SIL2, EN17206 UC1 and UC2 achievable

Dimensions

DigiHoist (32A)

Front View

Side View

424 mm [16.7 in]

400 mm [15.7 in]

178 mm [7.0 in] 4U

DigiHoist PLUS (63A)

Front View

Side View

420 mm [16.5 in]

500 mm [19.7 in]

264 mm [10.4 in] 6U

Still Have Questions?

If you have any questions, please contact us (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: 2024.12.16. Copyright 2024 TAIT Towers Manufacturing, LLC. All rights reserved.

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