

KINESYS
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Kinesys Mentor Series 4 Spec Sheet

⌚ Sep 27, 2025 Knowledge

Title

Kinesys Mentor Series 4 Spec Sheet

URL Name

6035143517083-kinesys-mentor-series-4-spec-sheet

Summary ⓘ

Details

Kinesys Mentor Series 4 Spec Sheet

Key Features

- SIL3 / PLe emergency stop buttons and enable switches
- Can control up to 60 devices
- SIL3 safety data both to and from compatible devices
- SIL3 device grouping capabilities
- 7" touchscreen for configuration and diagnostics
- Optional fibre connections for long distance connections
- Universal Device Interface connection for non-Apex systems
- 4U 19" rack size

Description

The Mentor M401 is a safety controller and distribution unit that provides safety input, connection, and monitoring to Kinesys and third-party automation systems. It has SIL3 safety over Ethernet at its core and can communicate with and safely control up to 60 devices at any one time. The Mentor uses the emergency stop buttons and enable switches common across the previous Mentor range. It also includes Universal Device Interface (UDI) connections that allow Elevation, DigiHoist and other legacy systems to integrate into the Mentor infrastructure.

Safe groups are central to the Mentor series 4 capabilities. This feature allows devices to be grouped together with a SIL3 rating so that an error on any one of the grouped devices will stop the entire group. Groups can be created and deleted by the user from the touchscreen interface with any changes being confirmed via a key-switch to ensure these actions are only performed by authorized personnel.

The inclusion of a Console/Pendant connector allows a Dimension Pendant to be connected directly to the Mentor making it quick and easy to get a system up and moving.

Specifications

Electrical

Mains In	85 - 264V, 50 - 60 Hz, 70W via Neutrik PowerCON TRUE1 with 1.5m cable
Power connection	Neutrik PowerCON True 1
	8 x Apex Safety over Ethernet, Neutrik Ethercon RJ45
Control connections	2 x Apex Safety over Fibre Ethernet (optional), Neutrik Optical 2 x EVO v2 Ethernet Data – Neutrik Ethercon RJ45 3 x MIL10 Combined Emergency stop and DMH 3 x MIL10 Emergency Stop only 1 x MIL19 Console/Pendant Input 2 x Universal Device Interface connections for non-Apex devices

Construction

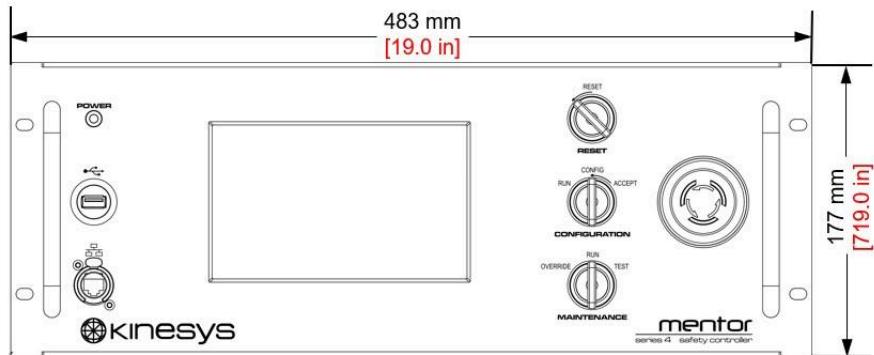
Enclosure	Steel enclosure, zinc plated finish Steel front panel, blue stove enamel finish
Dimensions, excluding cables and handles (W x H x D)	483 mm x 177 mm x 504 mm (19 in x 7 in x 19.8 in)
Rack mount	Suitable for 19" rack, 4U size
Total weight	20 kg (44 lbs)

Characteristics

Cooling	Forced air cooled (2 x internal DC fan)
Temperature	Operating: 5 to 40°C (41 to 104°F) Storage: -20 to 55 °C (-4 to 131 °F)
Ingress Protection	IP30
Compliance	EN62061, EN ISO 13849

Dimensions

Front View



Still Have Questions?

If you have any questions, [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: 2024.17.12. Copyright 2024 TAIT Towers Manufacturing, LLC. All rights reserved.

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