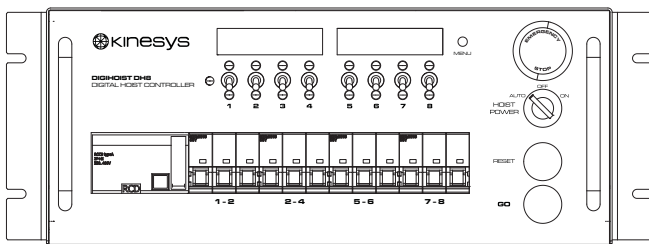
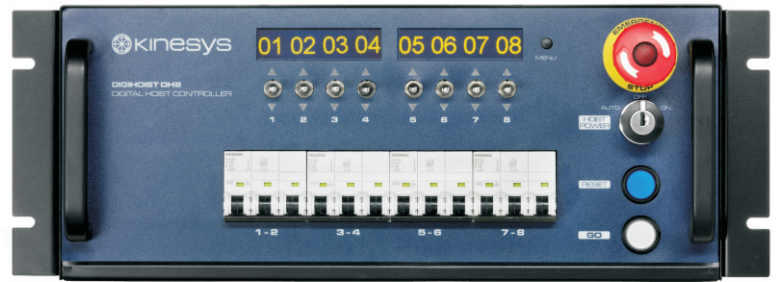
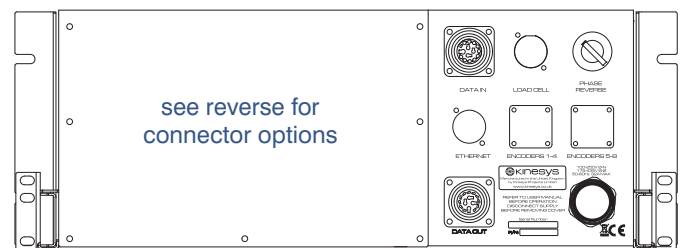


DigiHoist

digital hoist controller



front panel view



rear panel view

features

The DigiHoist platform has been designed from the ground up to be upgradable. Options will include encoder inputs, as well as Ethernet and LibraCELL connectivity.

At the core of the system is a digital communications link that enables multiple units to be daisy chained together. The units will automatically assign channels according to their position in the daisy chain. The high resolution OLED displays offer comprehensive channel feedback including channel number, status and load cell information.

The digital link incorporates self-healing emergency stop connections eliminating the need for shorting plugs in the system.

Safety features include hoist presence indication, limit monitoring, and group halting on fault conditions.

- 8 channel capacity
- Link up to 12 units together (96 channels)
- Hoist presence and limit detection (low voltage units only)
- Individual channel feedback displays
- Self-healing emergency stop connections
- 8, 16 and 32 channel handheld remote options
- Local controls on the front panel
- Automatic phase reversal correction, with user override facility
- Universal voltage input for worldwide use
- Permanent and switched hoist power modes for use with 'pickles'
- Output options include industry standard Socapex & Harting connections
- Low voltage and direct control versions available
- 'GO' link to allow multiple units to be controlled from a single go button
- Miniature circuit breaker (MCB) protection for each pair of hoists
- Optional RCD protection available
- Optional LibraCELL connectivity
- CE marked

Manufactured in the
United Kingdom by
Kinesys Projects Limited

www.kinesys.co.uk

specifications

POWER SUPPLY

- 3-phase + neutral + earth 50-60Hz
- 175-435V phase-phase 32A maximum

MAINS INPUT

- 5-pin 32A Red 'Ceeform' type plug to IEC60309 on 1.5m trailing lead

CONTROLS

- Phase reverse switch (rear panel)
- Emergency stop button
- 3-position toggle switches for manual up-off-down operation
- Mode select switch to select off, auto and on operation
- RESET and GO buttons

INDICATORS

- Individual channel status LEDs
- High resolution OLED displays

HOIST CONNECTIONS

- See options panel below

CONTROL CONNECTIONS

- Amphenol C16-3 Link In Male 14+PE
- Amphenol C16-3 Link Out Female 14+PE

ENCLOSURE

- 1.5mm steel; matt black powder coat finish

ENVIRONMENTAL

- IP30

OPERATING TEMPERATURE

- 0 - 55°C (32-131 F)

COOLING

- Natural air cooling

DIMENSIONS

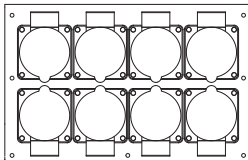
- 424 x 178 x 400mm
excluding cables, connectors and mounting hardware
- 4U 19" rack mountable

WEIGHT

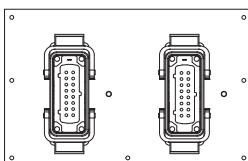
- 18kg

options

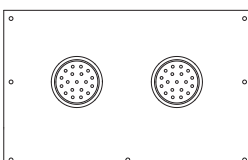
Direct Control



8 x Cee Form

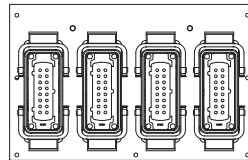


2 x Harting 16

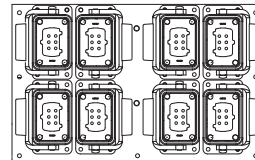


2 x Socapex 19

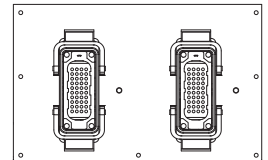
Low Voltage Control



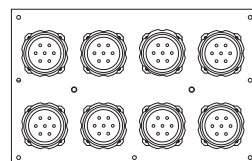
4 x Harting 16



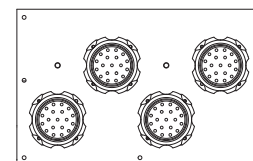
8 x Harting 6



2 x Harting 32

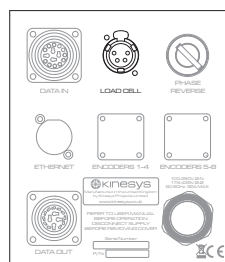


8 x Socapex 7



4 x Socapex 19

Load Cell Input



Encoders & Control

