

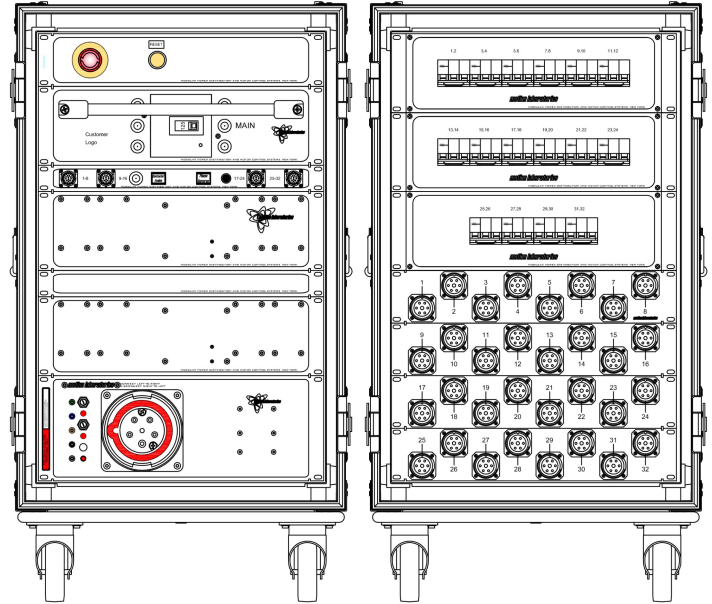
Product Specifications: Portable Chain Hoist Control Systems, 32 Channel, D8+

Functional Specifications

Motion Laboratories D8+ Portable 32 Channel 3Ø Chain Hoist Control Systems shall be designed to operate up to 32 serially manufactured electric chain hoists. The system conforms to D8+ when used with VPLT. SR2.0 Code of Practice for Event Technology. The units shall be part of the 1200-32 series.

Features

- The unit shall have a 125A 4Pole 5Wire IEC 309 Cee Form Input connector.
- The unit shall have an E-Stop circuit.
- The unit shall have a 125 Amp, 3 Pole main breaker.
- The unit shall have phase monitoring.
- The unit shall have power indicators for all phases.
- The unit shall have high visibility yellow handheld remote station that features:
 - Quantity 32, 3-position directional switches.
 - Triangular UP/DOWN LED indicators.
 - Illuminated momentary GO switch.
 - Illuminated maintained KILL switch.
 - Four 4 foot integrated remote cables.
 - Protective Handles.
- The unit shall have IEC-rated phase reversing contactor assemblies.
- The unit shall have a Contactor Enable button to allow for local control at each hoist when using control pendants (pickles).
- The unit shall have PCB mount electro-mechanical control relays.
- The unit shall have Branch-rated 7 Amp, 3 Pole MG Series circuit breakers.
- The unit shall operate 32 - 1 horsepower or 16 - 2 horsepower Hoists.
- The unit shall be housed in a 2 sided Motion Laboratories ATA Flight Case.
- The unit shall have a linear power supply.
- The unit shall have power / control circular 7 Pin outputs.
- The unit shall have a modular panel design.
- The unit shall be compatible with any 380 / 415 Vac hoist.
- The unit shall be compatible with Motion Laboratories automation systems, load monitoring systems and safety systems.



Physical Specifications

All modular panels shall have a 19 inch rack width. All panels shall be made of 1/8 inch thick 5052 aluminum with a 1 inch flange and a black anodized finish. The unit shall be built into a 2 lid NEMA 1 Steel Liner, made from 14 gauge 1020 steel, with a protective Zinc chromate finish or a black matte fine texture powder coat.

The unit shall be labeled with the following information, using diamond scratch etching, laser etching, and/or molecular-ly-bonded thermal ink:

- Motion Laboratories name/trademark.
- Electrical and environmental ratings.
- Power/Control wiring designation (Pinout).
- All necessary safety information.
- Optional customer logo.

Electrical Specifications

The unit shall be designed to operate within 380 / 415 Vac 3 Phase at 125Amps.

The unit shall have circular 7 Pin Socapex style hoist output connectors.

Environmental Specifications

The unit shall be NEMA 1 Rated, for indoor use only.

Ratings and Certifications

Motion Laboratories' D8+ Motor Controllers utilizes UL and/or UR components and is built to the standards of the National Electric Code (NEC).