



CM® Lodestar® XL Hoist

Updated Voltage Change Board Manual Supplement

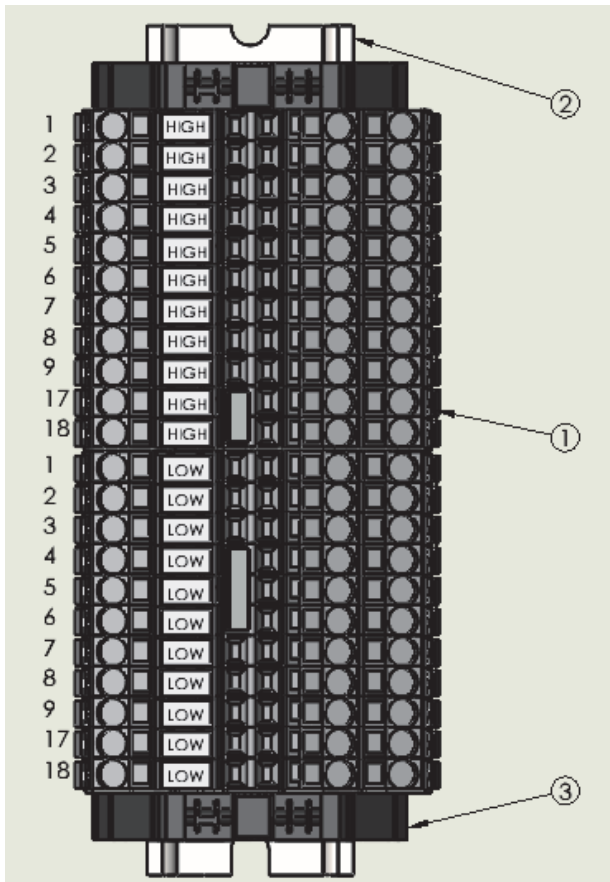


Part Number: 192106941 Rev AA
May 2024
© 2024 Columbus McKinnon Corporation

These instructions cover a change related to the voltage change board in dual voltage Lodestar XL hoists.

IMPORTANT!

- Review the below information before rewiring or repairing your XL hoist.
- See revised parts list below when ordering components related to the voltage change board.



The updated terminal board uses spring trap terminals. An appropriate spring trap terminal tool is required. A small screwdriver can be used in the absence of the correct tool.

When changing hoist from HIGH volts to LOW volts, move all motor leads (1 through 9) and transformer leads (17 & 18) in left column from upper group to their respective position in the lower group.

When changing hoist from LOW volts to HIGH volts, move all motor leads (1 through 9) and transformer leads (17 & 18) in left column from lower group to their respective position in the upper group.

When retrofitting the new voltage change board to an existing hoist, it is necessary to cut the terminals off the motor wires and strip the insulation approximately 3/8". It is not necessary to tin or ferrule the wires, though it is permitted.

Note: The right-hand side of the terminal board assembly will be populated with necessary jumper wires that are omitted from this view for clarity. These jumpers must not be moved. If they are removed for any reason, please see the appropriate hoist wiring diagram for their correct positioning.

Spare Parts

This Lodestar XL hoist uses the same parts as shown in the Operating, Maintenance, & Parts Manual, except items noted above. Please order spare parts as shown below.

Item Number	Part Number	Description	Qty.
1	192103031	Terminal Subassembly	1
2	00020252	DIN Rail	1
3	909J13	DIN Rail End-stop	2

Wiring Diagrams

The following wiring diagrams are available from CMCO for XL hoists featuring this terminal board assembly:

Diagram No.	Description
192103145	WIRING DIAGRAM, XL HOIST, 230-460/3/60
192103146	WIRING DIAGRAM, XL HOIST & CM TROLLEY, 230-460/3/60
192103147	WIRING DIAGRAM, XL HOIST & MDT TROLLEY, 230-460/3/60

If your XL hoist has Special Features or was ordered through our Engineered to Order program, please contact customer service for additional wiring diagrams, parts lists, or further details.

If you have any questions regarding this change, please contact your dedicated Application and Product Specialist or call Columbus McKinnon Channel Services at 800-888-0985.

CM® Lodestar® XL Hoist
Updated Voltage Change Board Manual Supplement

13320 Ballantyne Corporate Place
Charlotte, NC 28277

USA: Ph: (800) 888.0985 • (716) 689.5400 • Fax: (716) 689.5644
CANADA: Ph: (877) 264.6478 • Fax: (877) 264.6477
www.cmco.com



COLUMBUS McKINNON FAMILY OF BRANDS

