Electric Chain Hoist Wiring Diagrams

1 PHASE, 115/230 VOLT RECONNECTABLE, SINGLE SPEED HOIST
(Electronic Limit Switch)

115V CONNECTIONS, 1 PHASE

Warning:
- Unless hook raises when "UP" button is pressed, "UP" wire may be damaged and a dropped load may result. Correct "UP"-"DOWN" hook direction by interchanging MOTOR leads (orange and red). Do not change push-button wiring.
- This equipment must be effectively grounded according to applicable codes.

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PART NO. 113535-31
1 PHASE, 115/230 VOLT RECONNECTABLE,
SINGLE SPEED HOIST
(Paddle Limit Switch)

WARNING:
- UNLESS HOOK RAISES WHEN "UP" BUTTON IS PRESSED, HOIST HOOK DAMAGE AND A DANGEROUS SITutation MAY RESULT.
- CORRECT IMPROPER HOOK BRACKET BY INTERCHANGING MOTOR LOADS ORANGE (5) AND RED (6). DO NOT CHANGE PUSH-BUTTON WIRING.

WARNING:
- THIS EQUIPMENT MUST BE EFFECTIVELY GROUNDED ACCORDING TO APPLICABLE CODES.

DESCRIPTION:
- CT EQUIPMENT EDITION USE OF A CODE
- EN ACCORDANCE WITH THE CODES EN VIGUEUR.
1 PHASE, 115/230 VOLT RECONNECTABLE, SINGLE SPEED HOIST
(Paddle Limit Switch)

230V CONNECTIONS, 1 PHASE

WARNING:
- UNLESS HOOK RISES WHEN "UP" BUTTON IS PRESS, SEVERE HOOK DAMAGE AND A DROPPED LOAD MAY RESULT.
- CONNECT IMPROPER HOOK DIRECTION BY INTERCHANGING MOTOR LEADS ORANGE (S) AND RED (R). DO NOT CHANGE PUSH BUTTON WIRING.
- WARNING:
  THIS EQUIPMENT MUST BE EFFECTIVELY GROUNDED ACCORDING TO APPLICABLE CODES.
- NOTICE USER:
  EQUIPMENT MUST BE INSTALLED AT A TOWER IN ACCORDANCE WITH THE NORMES EN VIGUEUR.

NOTE:
WHEN RECONNECTING THE HOIST FOR 115 VOLT THE BRAKE, MOTOR & TRANSFORMER NEED TO BE REWOUND AS ILLUSTRATED ON DRAWING 333251 SHEET 1.
1 PHASE, 115/230 VOLT RECONNECTABLE, SINGLE SPEED HOIST WITH TRANSFORMER (Paddle Limit Switch)

NOTE:
WHEN RECONNECTING THIS HOIST FOR 230 VOLT THE BRAKE, MOTOR & TRANSFORMER NEED TO BE REVERSED AS ILLUSTRATED ON DRAWING 333251 SHEET 4.

WARNING:
UNLESS HOOK RISES WHEN "UP" BUTTON IS PRESSED, SEVERE HOIST DAMAGE AND A DROPPED (DO NOT RISE!) COULD RESULT. CORRECT UNPROPER HOIST DIRECTION BY INTERCHANGING MOTOR LEADS ORANGE (O) AND RED (R). DO NOT CHANGE PUSHBUTTON WIRING.

WARNING:
THIS EQUIPMENT MUST BE EFFECTIVELY GROUNDED ACCORDING TO APPLICABLE CODES.

AVERTISSEMENT:
CE QUI ÉQUIPEMENT DOIT ÊTRE À TERRER EN CONFORMITÉ AUX RÈGLES EN VIGUEUR.

115V CONNECTIONS, 1 PHASE

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1 PHASE, 115/230 VOLT RECONNECTABLE, SINGLE SPEED HOIST WITH TRANSFORMER
(Electronic Limit Switch)

230V CONNECTIONS, 1 PHASE
1 PHASE, 115/230 VOLT RECONNECTABLE, SINGLE SPEED HOIST WITH TRANSFORMER (Paddle Limit Switch)

**WARNING:**

UNLESS HOIST RISES WHEN "UP" BUTTON IS PRESSED, SUBJECT HOIST DAMAGE AND A DROPPED (NO WAY TO CATCH) APPROACH TO INJURY. DO NOT USE. (DO NOT RECONNECT) DO NOT USE.

**WARNING:**

THIS EQUIPMENT MUST BE EFFECTIVELY GROUNDED ACCORDING TO APPLICABLE CODES.

**IMPORTANT:**

DO NOT USE THIS EQUIPMENT OUTSIDE THE WIRING PERMITTED. ENSURE THAT THE HOIST IS PROPERLY WIRING PERMITTED.

**NOTE:**

WHEN RECONNECTING, THE HOIST FOR 115 VOLT THE WITH BRIDGE, MOTOR & TRANSFORMER NEEDED TO BE REWIRED AS ILLUSTRATED ON DRAWING 333251 SHEET 3.

**230V CONNECTIONS, 1 PHASE**

333251-04
3 PHASE, 230/460 VOLT RECONNECTABLE, SINGLE SPEED HOIST
(Electronic Limit Switch)

WARNING:
- UNLESS HOIST RATED WHEN "UP" BUTTON IS PRESSED SHPO HOST DAMAGE AND A DROPPED LOAD MAY RESULT. CORRECT MISTAKE/COX DIRECTION BY INTERCHANGING INPUT POWER L1 AND L3 DO NOT CHANGE PUSH BUTTON WIRING.
- WARNING:
  THIS EQUIPMENT MUST BE EFFECTIVELY GROUNDED ACCORDING TO APPLICABLE CODES.

NOTICE:
WHEN RECONNECTING THIS HOIST FOR 460 VOLT THE BRAKE, MOTOR & TRANSFORMER NEED TO BE REWIRED AS ILLUSTRATED ON DRAWING 333213 SHEET 2.

230V CONNECTIONS, 3 PHASE
3 PHASE, 230/460 VOLT RECONNECTABLE, SINGLE SPEED HOIST
(Paddle Limit Switch)

WARNING:
UNLESS HOOK RASTS WHEN "UP" BUTTON IS PRESSED, SEVERE HOIST DAMAGE AND A DROPPED LOAD MAY RESULT.
CORRECT IMPROPER HOOK DIRECTION BY INTERCHANGING INPUT POWER L1 AND L3.
DO NOT CHANGE PUSHBUTTON WIRING.

WARNING:
THIS EQUIPMENT MUST BE EFFECTIVELY GROUNDED ACCORDING TO APPLICABLE CODES.

WARNING:
OLT EQUIPMENT DOIT ETRE MIS A LA TERRE
EN ACCORDANCE AVEC LES NORES EN VIGUEUR.

230V CONNECTIONS, 3 PHASE
3 PHASE, 230/460 VOLT RECONNECTABLE, SINGLE SPEED HOIST
(Electronic Limit Switch)

460V CONNECTIONS, 3 PHASE

WARNING:
UNLESS HOOK RESTS WHEN "UP" BUTTON IS PRESSED, HOIST MAY DAMAGE AND A DROPPED LOAD MAY RESULT.
CORRECT IMPROPER HOOK DIRECTION BY INTERCHANGING INPUT POWER L1 AND L3.
DO NOT CHANGE PUSH BUTTON WHIRE.

WARNING:
THIS EQUIPMENT MUST BE EFFECTIVELY GROUND ACCORDING TO APPLICABLE CODES.

AVERTISSEMENT:
CE EQUIPMENT DOIT ETRE MIS A LA TERRE
EN ACCORDANCE AVEC LES NOBLES EN VIGUEUR.

NOTE:
WHEN RECONNECTING THIS HOIST FOR 230 VOLT THE ORANGE, MOTOR & TRANSFORMER NEED TO BE CONFIGURED AS ILLUSTRATED ON DRAWING 333211 SHEET 1.
3 PHASE, 230/460 VOLT RECONNECTABLE, SINGLE SPEED HOIST
(Paddle Limit Switch)

WARNING:
- Do not operate hoist unless hook is in "up" position.
- Do not use hoist as an electric overhead crane.
- Do not use hoist as an electric hoist.

WARNING:
- This equipment must be effectively grounded according to applicable codes.

460V CONNECTIONS, 3 PHASE

NOTE:
When reconnecting this hoist for 230 volt the brake, motor & transformer must be reinstalled as illustrated on drawing 333250 sheet 1.
3 PHASE, SINGLE VOLTAGE, SINGLE SPEED HOIST
(Electronic Limit Switch)

WARNING:

- Unless hook raises when "UP" button is pressed, severe hoist damage and a dropped load may result. Correct improper hook direction by interchanging input power L1 and L3. Do not change pushbutton wiring.

- Warning:
  - This equipment must be effectively grounded according to applicable codes.

[Diagram of 3-phase connections for 208V & 575V]
3 PHASE, SINGLE VOLTAGE,
SINGLE SPEED HOIST
(Paddle Limit Switch)

WARNING:
UNLESS HOLD BUTTON IS PRESSED DURING “UP” AND “DOWN” DROPOUT, DAMAGE AND A DROPPED LOAD MAY RESULT.
CORRECT ANGULAR HOOK DIRECTION BY INTERCHANGING INPUT POWER L1 AND L3.
DO NOT CHANGE PUSHBUTTON WIRING.

WARNING:
THIS EQUIPMENT MUST BE EFFECTIVELY GROUNDED ACCORDING TO APPLICABLE CODES.

ADVISEMENT:
CERT EQUIPMENT DO NOT ERT MS A’A TIBE
EN ACCORDANCE VEC LES NORMES EN VIGUEUR.

208V & 575V CONNECTIONS, 3 PHASE
3 PHASE, SINGLE VOLTAGE, TWO SPEED HOIST
(Paddle Limit Switch)