Electric Chain Hoist Wiring Diagrams

1 PHASE, 115/230 VOLT RECONNECTABLE, SINGLE SPEED HOIST

(Electronic Limit Switch)

115V CONNECTIONS, 1 PHASE

WARNING:
- DO NOT RAISE HOOK WHEN UP BUTTON IS PRESSED.
- DO NOT REVERSE MOTOR.
- DO NOT CHANGE PUSH-BUTTON WIRING.
- ENSURE THAT EQUIPMENT IS EFFECTIVELY GROUNDED.
- ENSURE THAT THE EQUIPMENT IS OPERATED IN ACCORDANCE WITH LOCAL CODES.

NOTE:
- WHEN RECONNECTING THE HOIST FOR 230 VOLT THE BRAKE, MOTOR & TRANSFORMER NEED TO BE REWIRED AS ILLUSTRATED ON DRAWING 33321-1 SHEET 2.

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PART NO. 113535-31

333211-01
1 PHASE, 115/230 VOLT RECONNECTABLE,
SINGLE SPEED HOIST
(Paddle Limit Switch)

WARNING:
- UNLESS Hook Rises When "UP" button is pressed, Hook will not rise, caused by a defective or incorrectly connected hook.
- CORRECT Hook operation by interchanging motor leads orange (5) and red (6).
- DO NOT change push-button wiring.

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

SPECIFICATIONS:
- CT1 equipment does not meet OSHA standards.
- EN ACCORDANCE AVEC LES NORMES EN VIGUEUR.

115V CONNECTIONS, 1 PHASE

333251-01
1 PHASE, 115/230 VOLT RECONNECTABLE, SINGLE SPEED HOIST
(Electronic Limit Switch)

230V CONNECTIONS, 1 PHASE

WARNING:
- Unless hook raises when "Up" button is pressed, severe hoist damage and a dropped load may result.
- Correct improper hook direction by interchanging motor leads orange (C) and red (G).
- Do not change pushbutton wiring.

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

NOTICE:
- CE equipment doit être mis à la terre en conformité avec les normes en vigueur.

NOTE:
When reconnecting this hoist for 115 volt the brake, motor & transformer need to be rewired as illustrated on drawing 333211 Sheet 1.
1 PHASE, 115/230 VOLT RECONNECTABLE, SINGLE SPEED HOIST
(Paddle Limit Switch)

230V CONNECTIONS, 1 PHASE

WARNING:
- UNLESS HOOK RAISES WHEN "UP" BUTTON IS PRESSED, SEVERE HOIST DAMAGE AND A DROPPED LOAD MAY RESULT.
- CONNECT IMPROPER HOOK DIRECTION BY INTERCHANGING MOTOR LEADS ORANGE (S) AND RED (R).
- DO NOT CHANGE PUSHBUTTON WIRING.

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

INFORMATION:
- THIS EQUIPMENT DOIT ETE MIS A TTE CONFORMMENT A L'ACCORD DES NORMES EN VIGUEUR.
1 PHASE, 115/230 VOLT RECONNECTABLE, SINGLE SPEED HOIST WITH TRANSFORMER
(Electronic Limit Switch)

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

WARNING:
UNLESS HOIST RAISES WHEN "UP" BUTTON IS PRESSED, SEVERE HOST DAMAGE AND A DROPPED (NO) MAY RESULT.
CORRECT BY PROPER HOIST DIRECTION (Y) (REVERSE MOTOR LEADS ORANGE (2) AND RED (8)). DO NOT CHANGE PUSHBUTTON WIRING.

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

Avertissement:
CET EQUIPEMENT DOIT ÊTRE À TERRE EN CONFORMITÉ AVEC LES NORMES EN VIGUEUR.

115V CONNECTIONS, 1 PHASE
1 PHASE, 115/230 VOLT RECONNECTABLE, SINGLE SPEED HOIST WITH TRANSFORMER

(Electronic Limit Switch)

Note:
When reconnecting this hoist for 115 volt the brake, motor & transformer need to be rewired as illustrated on drawing 333211 sheet 3.

230V CONNECTIONS, 1 PHASE

WARNING:
- Unless hook raises when "up" button is pressed, severe hoist damage and a discharged load may result.
- Correct improper hook direction by interchanging motor leads (orange, red & blue).
- Do not change pushbutton wiring.

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

NOTES:
- CET equipment doit être mis à la terre en accordance avec les normes en vigueur.
1 PHASE, 115/230 VOLT RECONNECTABLE, SINGLE SPEED HOIST WITH TRANSFORMER
(Paddle Limit Switch)

230V CONNECTIONS, 1 PHASE

WARNING:
- UNLESS HOIST RACES WHEN "UP" BUTTON IS PRESSED, HOIST WILL FALL AND A DROPPED DOOR MAY RESULT.
- IMPROPER HOIST DIRECTION BY INTERCHANGING MOTOR LEADS CHANGES (O) AND (R).
- DO NOT CHANGE PUSHTOY BUTTON WIRING.

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

NOTICE:
- SET EQUIPMENT DOOR FOR WIRE A/A TERMINAL IN ACCORDANCE WITH LOCAL CODES.

NOTE:
- WHEN RECONNECTING THE HOIST FOR 115 VOLT, THE BRACE, MOTOR & TRANSFORMER NEED TO BE REWOUND.
3 PHASE, 230/460 VOLT RECONNECTABLE, SINGLE SPEED HOIST
(Electronic Limit Switch)

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

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

AVERTISSEMENT:
CEV EQUIPMENT DOIT ETRE MIS A LA TERRE EN ACCORDANCE AVEC LES NORMES EN VIGUER.

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

WARNING:
- UNLESS HOIST RAILS ARE "UP" BUTTON IS INOPERATIVE. HOIST DAMAGE AND A DROPPED LOAD MAY RESULT. CORRECT IMPROPER HOIST 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:
- CETE EQUIPMENT DOIT ETRE MIS A TERR MISE EN ACCORDANCE AVEC LES NORMES EN VIGUEUR.

NOTE:
WHEN RECONNECTING THIS HOIST FOR 460 VOLT THE BRAKE, MOTOR & TRANSFORMER MUST TO BE REWIRED AS ILLUSTRATED ON DRAWING 333250 SHEET 2.

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

460V CONNECTIONS, 3 PHASE

WARNING:
UNLESS HOOK BILST WHEN "UP" BUTTON IS PRESSED HOIST DAMAGE AND A DROPPED LOAD MAY RESULT.
CORRECT IMPROPER HOOK 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.
WARNING:
CETEQUIPMEINDOIT ETRE MAS A LA TERRE EN ACCORDANCE AVEC LES NORMES EN VIGUEUR.

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

460V CONNECTIONS, 3 PHASE

NOTE:
WHEN RECONNECTING THIS HOIST FOR 230 VOLT THE BRAKE, MOTOR & TRANSFORMER MUST BE STARTED AS ILLUSTRATED ON DRAWING 333250 SHEET 1.

WARNING:
UNLESS HOIST BARES WITH "UP" BUTTON IS PRESSED SEVERE HOIST DAMAGE AND A DROPPED LOAD MAY RESULT.
CORRECT IMPROPER HOIST DIRECTION BY INTERCHANGING UP/DOWN POWER L1 AND L3.
DO NOT CHANGE PUSHBUTTON WIRING.

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

WARNING:
THIS EQUIPMENT DO NOT FEED WFS AYA TERRE EN ACCORDANCE AVEC LES NORMES EN VIGUEUR.
3 PHASE, SINGLE VOLTAGE, SINGLE SPEED HOIST
(Electronic Limit Switch)

WARNING:
Useless hook raises when "up" button is pushed when hoist damage and a dropped load may result. Connecting improper hook direction by interchanging input power L1 and L3 do not cause push-button wiring.

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

REMARQUE:
L'équipement doit être mis à la terre en conformité avec les normes en vigueur.

208V & 575V CONNECTIONS, 3 PHASE

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3 PHASE, SINGLE VOLTAGE, SINGLE SPEED HOIST
(Paddle Limit Switch)

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

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

ADVICE:
CHT EQUIPMENT DO NOT ERE MORE A LA TURRE EN ACCORDANCE WITH THE RULES EN VIGUERA.

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

WARNING:
UNLESS HOOK RACHES 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 PUSH BUTTON WIRING.

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

INFORMATIONS:
GET EQUIPMENT DOT FIRE SMS A LA TERRE
EN ACCORDANCE AVEC LES NORMES EN VIGUEUR.
3 PHASE, SINGLE VOLTAGE, TWO SPEED HOIST
(Paddle Limit Switch)

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