Columbus McKinnon Corporation
Amherst, NY USA

230V–1PH–60HZ
POWER SUPPLY

ML2 ML1 N/92 GND

M

FUSE FUSE FUSE FUSE

R L U D

TERMINAL STRIP LOCATIONS CT5 CT7 CT6

L2 3 1P 5 8 HB1

T7 T6 T1 T2 T3 T4 T5

230V SUPPLY
TROLLEY MOTOR

1–PHASE HOIST MOTOR
HB1 PINK
HB2 PINK

A.C. MOTOR BRAKE
230 VOLT

8 RED
5 ORANGE
7 WHITE
8A VIOLET CAP.
AUX.
5 ORANGE
1 PINK
2 BLACK
3 YELLOW
4 BLUE
MAIN

N/92

MCFU FUSE 90 E-STOP 93

RADIO/PB SELECTOR
R91 RAD
H91 PB

PB 95 M

RADIO CONTROL RECEIVER
RF CIRCUITS
ANTENNA
TNC 50 OHM
INTERNAL POWER SUPPLIES
AC(L) +VDC 1 R91
AC(N) OR COM 3 N/92
(GROUND) 2 G

HORN/AUX
HORN/AUX 4 5 6

MAINLINE
MAINTAINED 7 R91 8 95

HOIST
UP 9 0B
DOWN 10 1B
2ND 11
2ND 12
13

TROLLEY
RIGHT 14 40
LEFT 15 41
2ND 16
2ND 17
18

JIB
CW 19 95 20
CCW 20 21
2ND 21 22
2ND 23

LOCATED IN HOIST
UP 0B PB 0 LSU 0W HTAS 0H D 0A U
DOWN 1B PB 1 1 LSD 1H U 1A D
RIGHT 40B PB 40 CTAS 40T L 40A R
LEFT 41B PB 41 R 41A L

CW 20 TO JIB CONTACTOR "CW"
CCW 21 TO JIB CONTACTOR "CCW"

TERMINAL LOCATIONS

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ECN	Rev.	Description of change	Date	By
-	1	ADDED JIB BUTTONS	-	-
-	2	ADD TROLLEY FUNCTION INTERLOCK	-	-
-	-	-	-	-
-	-	-	-	-

Dimensional Units: INCH
Tolerancing Up to Next: X ± .500 Dec ± .025; .XX ± .030 ± .015; .XXX ± .005 ± .010; Angles ± 2° 30' ± 2° 30'
Third Angle Projection

Material:
Standard: -
Material No: -
Modified: MM/DD/YYYY -
Drawn: MM/DD/YYYY -
Approved: MM/DD/YYYY -
Design Authority: -
Original project: -
Original Scale: -

Columbus McKinnon Corporation
Hoist & Rigging - Americas
Amherst, NY USA

Description:
WIRING DIAGRAM
SINGLE PHASE HOIST AND TROLLEY
WITH RADIO AND JIB CONTROL

Format: D
Number: 45400101
Sheet: 1/1