USA NO/DZ

DC1
24vdc
SUPPLY
MAIN FUSE
FU1 MAX 60A
CONTACTORS
C1
M1
M+
M-
M2
GND
GND
DC MOTOR
24Vdc 39A
DISCONNECT AUX CONTACT
CN15-4 SEC CN15-3
BREAKER
BRK1 4A
CLASS 1 CIRCUIT

EXTREME HIGH
CN16-1 EH
SAFETY NUT
FO CN16-2
PIT E-STOP
CN15-1 ESP CN15-2
CAB E-STOP
CN16-12 ESC CN16-13
INTERLOCK CONTACT
CN16-14 I1 CN16-15
INTERLOCK CONTACT
CN15-18 I2 CN15-19

R2 4 3
R1 4 3
M2A M1A C1A
POWER CONTACTOR AUXILLIARY CONTACTS

CC
CN16-6
CN2
CAB COMMANDS CN16-5
LS2
CN15-16 CN15-17
CN1
CAB COMMANDS CN16-7
CN16-3
SP UNDERPAN
CO SCREW
CN16-4 CN15-14
LS1
CN15-15
CL1 CALL STATION
N2
CN15-24
CL4
N1
CN15-25
CN15-23
D2
D1
CN15-26 ESP CN15-27
CN16-10 ESC CN16-11
D5
BRK2 4A
R3
IO : 12Sec
A1
CN15-8
CN15-7 CN15-12
LANDING SWITCHES
LS2 CN15-13
LS1 CN15-11
CN15-9 CN15-10
CN15-22
CN15-20
CN16-16
INTERLOCK SOLENOID
S2
S1
** S1
CN15-21
CN16-17

D3
D4
M1 A1 A2
R1 A1 A2
R2 A1 A2
C1 A1 A2
M2 A1 A2
R3 Y1 A2
BUZ
UP
MOVE RELAY 1
MOVE RELAY 2
MAIN
DOWN
INTERLOCK TIMER
BUZZER

PMDC MOTOR
24VDC 900 RPM
45 AMPS

OPTION
POWER TRANSFORMER
120Vac: 24Vdc
1.5 KVA
BATTERY BANK
2 X U1 (12Vdc/35Ah)

FINAL LIMIT
MECHANICAL LIMIT
GUIDE RAILS
TOWER
MECHIANICAL LIMIT SHALL LIMIT THE TRAVEL TO MAX 50MM (2") BEYOND EXTREME LANDING

SELF SUPPORTING TOWER
SHOARING PINS
SHOARING PINS HOLE 39" FROM GROUND
EH (UPPER FINAL LIMIT)
LS2 (UPPER LANGING)
LS1 (LOWER LANGING)
AUXILIARY GUIDE
GUIDE WHEELS
CAR SLING
GUIDE WHEELS
AUXILIARY GUIDE
LIFTING SCREW

LIFTING BEAM
COMPRESSION SPRING
MAIN NUT DELRIN
BACKUP NUT BRONZE
LIFTING SCREW ACME Ø1" 5 TPI
CO (SCREW JACK)
FO (MAIN NUT FAILURE)
FO (MAIN NUT FAILURE)
CO (SCREW JACK)

REVERSING CONTACTOR
MAIN CONTACTOR
FU1
BKR1
BKR2
C1
M1 M2
GND
GND
R1
R2
R3
D1
D2
D3
D4
D5
CN16
MGND
CN15
CONTROLLER
ATL-NANO-R-Z2-24
QAI C&US E10695

A18.1 SECTION 5 / B613-00 RESIDENTIAL ACESSIBILITY LIFT	TITRE: WIRING DIAGRAM R-Z2-24	FORMAT 11X17	No. Dessin R-Z2-24
		REV v2.04	
		ECHELLE: NTS	25/05/2016
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