Title	
ACORN_rev3, DELTA ASDA-A2 SERVO DRIVE	
Date 171120	Drawn by CEM
Filename	Sheet 1 of 1

How to tell the difference between Acorn_rev2 and Acorn_rev3
Acorn_rev2 has FIXED green screw terminal blocks
Acorn_rev3 has REMOVABLE green screw terminal blocks

E-STOP CONTACTOR
COIL POWER/ACN
A1
COIL
A2
MOTOR POWER
L3
L2
L1
T3
T2
T1
E-STOP SWITCH
(NORMALLY CLOSED)
E-STOP SIGNAL
CONTROL CABLE
DI5-: PIN 33 (RESET)
DI1-: PIN 9 (ENABLE)
/SIGN: PIN 37 (DIR)
/PULSE: PIN 41 (STEP)
ALARM RESET
DO5+
H1
IN5
IN6
IN7
IN8
24 IN
H2
ST1
DR1
EN1
COM
ST2
DR2
EN2
COM
H3
ST3
DR3
EN3
COM
ST4
DR4
EN4
COM
H5
COM
OC8
OC7
COM
OC6
OC5
COM
OC4
OC3
NC2
NO2
RL2
NC1
NO1
RL1
H7
E-STOP COIL POWER/ACH
24VDC COM
H4
24 IN
IN4
IN3
IN2
IN1
P+
D
C
L1c
L2c
-
R
S
T
CN5
CN1
50 PIN
DI5-: PIN 33 (RESET)
DI1-: PIN 9 (ENABLE)
/SIGN: PIN 37 (DIRECTION)
/PULSE: PIN 41 (STEP)
DO5+: PIN28 (FAULT)
DO5-: PIN27 (24V COM)
PULL-HI S: PIN 35 (+24VDC)
COM+: PIN 11 (+24VDC)
CN6
CN2
16 PIN
CN3
CN7
CN4
DELTA
ASDA-A2
U
V
W
G
G
TO MOTOR/U
TO MOTOR/V
TO MOTOR/W
TO MOTOR/FG
CHASIS GROUND
24V COM
+24VDC
H6
COM
25
24
23
22
21
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
Input 4
Input 3
Input 2
Input 1
Direction 4
Step 4
Direction 3
Step 3
Direction 2
Step 2
Direction 1
Step 1
Output 1
Output 4
Output 3
Input 5
Output 2
Chassis GND
P10
PIN 9 = +5VDC
PIN 8 = B
PIN 7 = A
PIN 6 = Z
PIN 5 = B\
PIN 4 = A\
PIN 3 = Z\
PIN 2 = COM
PIN 1 = N/C
AN GND
AN OUT
H8
ETHERNET
SHIELDED ETHERNET CABLE FROM PC
CHASSIS
COM
COM
+24VDC
+24VDC
H9
24V COM
+24VDC
24V COM
+24VDC
BLK
YEL
GRN
GRN OR GRN/YEL
BLK OR BRN
WHT OR BLU
110VAC
-V (24V COM)
+V (+24 VDC)
OUTPUT
+24 VDC
1.1 AMP
L
N
MEANWELL S-25-24

ACORN
REV 171025
PN:14445

Refer to Tech Bulletin TB303 for Drive Setup and Tuning.

E-STOP CIRCUITS ARE RED
OPTIONAL CONNECTIONS ARE BLUE
GROUNDS ARE GREEN
110VAC IS VIOLET