Title: ACORN_rev3, XHC DT02 TOOL SETTER		
Date: 190110	Ver: 3	Drawn by: CEM
Filename: S14946.DWG		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

RECEIVER

PROB
COM
5-24V
0V

INPUT CLOSES WHEN TRIPPED

SIGNAL

DT02 WIRELESS TOOL SETTER

COM
+24VDC

+24VDC

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

H4
24 IN
IN4
IN3
IN2
IN1

ACORN
REV 180131
PN:14445

H5
COM
OC8
OC7
COM
OC6
OC5
COM
OC4
OC3

TO RELAY BOARD

NC2
NO2
RL2
NC1
NO1
RL1
H7

H6

H6
COM
25 Input 4
24 Input 3
23 Input 2
22 Input 1
21 9 Direction 4
20 8 Step 4
19 7 Direction 3
18 6 Step 3
Output 4 17 5 Direction 2
Output 3 16 4 Step 2
Input 5 15 3 Direction 1
Output 2 14 2 Step 1
1 Output 1
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

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H8: AN GND AN OUT

ETHERNET

SHIELDED ETHERNET CABLE FROM PC

H9: CHASSIS COM COM +24VDC +24VDC

110VAC
BLK
WHT
GRN
GRN
YEL
BLK

MEANWELL RD-35B
L
N
V2 (+24 VDC) 1.0A
COM
V1 (+5 VDC) 2.2A

COM
+24VDC

COM
+24VDC

GROUNDS ARE GREEN
110VAC IS VIOLET