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

Title
ACORN_rev3 CONNECTIONS TO HOMEBUILT CONDUCTIVE TOOL TOUCH OFF BLOCK OR CONDUCTIVE TOUCH PROBE

Date 170214	Drawn by CEM
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TOOL TOUCH OFF OR PROBE SIGNAL

CONDUCTIVE TOUCH OFF BLOCK

INSULATOR

- OR -

INSULATOR

CONDUCTIVE TOUCH PROBE

NOTE
TOOL TIP MUST BE GROUNDED TO MACHINE CHASIS

NOTE
PARAMATER 18 MUST BE SET TO 0

ACORN
REV 171025
PN:14445

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: +24VDC, 24 IN, IN4, IN3, IN2, IN1

H5: COM, OC8, OC7, COM, OC6, OC5, COM, OC4, OC3, NC2, NO2, RL2, NC1, NO1, RL1

H6:

COM	25	13	Input 4
	24	12	Input 3
	23	11	Input 2
	22	10	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 (DB9 female)

P10:

PIN 9 = +5VDC	PIN 5 = B\
PIN 8 = B	PIN 4 = A\
PIN 7 = A	PIN 3 = Z\
PIN 6 = Z	PIN 2 = COM
	PIN 1 = N/C

H7

H8: AN GND, AN OUT

ETHERNET

SHIELDED ETHERNET CABLE FROM PC

H9: CHASSIS, COM, COM, +24VDC, +24VDC

MACHINE CHASIS GROUND

+24VDC

GROUND

+24VDC

GROUND

BLK
YEL
GRN
GRN OR GRN/YEL
BLK OR BRN
WHT OR BLU

MEANWELL S-25-24
-V (24V COM)
+V (+24 VDC)
OUTPUT +24 VDC 1.1 AMP
L
N

110VAC

GROUNDS ARE GREEN
110VAC IS VIOLET