

ULTRA RX

SUBPANEL DEFINITIONS

PLC OUTPUTS

Y0: LAMP HIGH MERCURY SWITCH
Y1: VACUUM SPINDLE 1
Y2: VACUUM SPINDLE 2
Y3: CYLINDER UP
Y4: CYLINDER DOWN
Y5: HASKEL PUMP
Y6: AIR JET
Y7: SPINDLE 1 COAT (ON/OFF)
Y8: SPINDLE 2 COAT (ON/OFF)
YA: SPINDLE 1 WASH
YB: SPINDLE 2 WASH
YC: COAT SPIN OFF
YD: CURE LAMP MOTOR
Y301: LAMP ON/OFF
Y302: COATING PUMP
Y303: WASH MOTOR
Y304: DUMP VALVE
Y305: INDEX MOTOR
Y306: LAMP FANS

PLC INPUTS

X1: VACUUM SPINDLE 1
X2: VACUUM SPINDLE 2
X3: CYLINDER UP
X4: CYLINDER DOWN
X5: LIGHT CURTAIN
X6: LAMP HOME
X7: LAMP EXTEND
X8: FOOT PEDAL
X9: INDEX HOME
XA: INDEX POSITION
XB: LAMP DOOR

RELAY LAYOUT

RELAY 1: SPINDLE 1 ON/OFF
RELAY 2: SPINDLE 2 ON/OFF
RELAY 3: SPINDLE 1 SELECT
RELAY 4: SPINDLE 2 SELECT
RELAY 5: COAT SPIN OFF
RELAY 6: LAMP MOTOR
RELAY 7: INDEX MOTOR
RELAY 8: LAMP ON/OFF

CIRCUIT BREAKER LAYOUT

10 AMP: MACHINE BREAKER
5 AMP: INDEX MOTOR
10 AMP: LAMP BREAKER
5 AMP: 24VDC POWER SUPPLY
5 AMP: PLC BREAKER
3 AMP: SPEED BOARD 1
3 AMP: SPEED BOARD 2
3 AMP: SPEED BOARD 3/LAMP MOTOR
5 AMP: HEPA OUTLET BREAKER
3 AMP: LAMP FANS
0.5 AMP: WASH MOTOR