

Laserwash 4000 Input & Output Listing

LISTING OF CONTROL INPUTS (All Inputs 24 VDC)

INPUT MODULE

INPUT X10 JOYSTICK - BRIDGE FORWARD
 INPUT X11 JOYSTICK - BRIDGE REVERSE
 INPUT X12 JOYSTICK - TROLLEY LEFT
 INPUT X13 JOYSTICK - TROLLEY RIGHT
 INPUT X14 JOYSTICK - ARCH ROTATE

Arch Position | Home | 90 | 180 | 270 |

INPUT X15 SPRAY ARCH | 1 | 0 | 1 | 0 |
 INPUT X16 SPRAY ARCH | 1 | 1 | 0 | 0 |
 INPUT X17 SPRAY ARCH | 0 | 0 | 1 | 1 |

0 = OFF, 1 = ON

INPUT MODULE 2

INPUT X20 SENSOR BEAM - UNDERCARRIAGE
 INPUT X21 SENSOR BEAM - FRONT/REAR
 INPUT X22 SENSOR BEAM - RIGHT SIDE

MEASURE

INPUT X23 RIGHT LIMIT
 INPUT X24 LEFT LIMIT
 INPUT X25 FRONT LIMIT
 INPUT X26 MIDDLE LIMIT
 INPUT X27 REAR LIMIT

INPUT MODULE 3

INPUT X30 WIDTH MEASURE PULSE
 INPUT X31 WHEEL WELL SWITCH
 INPUT X32 IMPACT SWITCH
 INPUT X33 EMERGENCY STOP N\On
 INPUT X34 JOYSTICK ENABLE
 INPUT X35 LOW WATER - MAIN TANK N\Off
 INPUT X36 LOW WATER - SPOT FREE STORGAE N\Off
 INPUT X37 SPEED CONTROLLER - OVERLOAD

INPUT MODULE 4

INPUT X40 WASH ENABLE - WASH ONE
 INPUT X41 WASH ENABLE - WASH TWO
 INPUT X42 WASH ENABLE - WASH THREE
 INPUT X44 WASH ENABLE - WASH FOUR
 INPUT X44 FRONT DOOR EYE
 INPUT X45 REAR DOOR EYE
 INPUT X46 REAR DOOR LOOP
 INPUT X47 BACKUP SWITCH

INPUT MODULE 5

INPUT X50 UNUSED N\On
 INPUT X51 4 PSI PRESS SWITCH (On Pump Station)
 INPUT X52 UNUSED
 INPUT X53 WC CANNISTER LOW (FS-X53) N\On
 INPUT X54 WHEEL CLEANER SWITCH (FS-X54)
 INPUT X55 MAGNET PROX. SWITCH INPUT
 INPUT X56 HOME FLAG PROX. SWITCH INPUT
 INPUT X57 LASERWIND DRYER COMM N\On

INPUT MODULE 6

INPUT X60 ALERT #0 INPUT X64 ALERT #4
 INPUT X61 ALERT #1 INPUT X65 ALERT #5
 INPUT X62 ALERT #2 INPUT X66 ALERT #6
 INPUT X63 ALERT #3 INPUT X67 ALERT #7

LISTING OF CONTROL OUTPUTS

OUTPUT MODULE 1 (110 VAC)

OUTPUT Y10 DRIVE FORWARD / THANK YOU LIGHT
 OUTPUT Y11 STOP LIGHT
 OUTPUT Y12 CAR IS SOAKING LIGHT
 OUTPUT Y13 CLEARCOAT POLYSEALANT LIGHT
 OUTPUT Y14 SPOT FREE RINSE LIGHT
 OUTPUT Y15 WASH IN USE (EXTERIOR)
 OUTPUT Y16 ENTER WASH NOW LIGHT
 OUTPUT Y17 BACKUP LIGHT

OUTPUT MODULE 2 (24VAC)

OUTPUT Y20 SPRAY ARCH/UNDERCARRIAGE CHANGEOVER
 OUTPUT Y21 WATER SAVER VALVE
 OUTPUT Y22 SPRAY ARCH FOAM AIR
 OUTPUT Y23 SOAP #1 SOLENOID HTR CHANGEOVER VALVE
 OUTPUT Y24 FOAMING WAX SOLENOID
 OUTPUT Y25 SOAP #2 SOLENOID (HIGH OR LOW PRESS.)
 OUTPUT Y26 DRYING AGENT SOLENOID
 OUTPUT Y27 POLYSEALANT SOLENOID

OUTPUT MODULE 3 (24VAC)

OUTPUT Y30 SPEED CONTROLLER - FORWARD
 OUTPUT Y31 SPEED CONTROLLER - REVERSE
 OUTPUT Y32 BRIDGE MOTOR
 OUTPUT Y33 TROLLEY MOTOR
 OUTPUT Y34 ARCH ROTATE MOTOR
 OUTPUT Y35 HIGH PRESSURE PUMP
 OUTPUT Y36 SOLUTION PUMP
 OUTPUT Y37 SPOT-FREE PUMP

OUTPUT MODULE 4 (24VAC)

OUTPUT Y40 SENSOR BEAM POWER - Fwd/UNDERCARRIAGE
 OUTPUT Y41 SENSOR BEAM POWER - REVERSE
 OUTPUT Y42 WHEEL CLEANER FILL SOLENOID
 OUTPUT Y43 WASH CIRCUIT ENABLE
 OUTPUT Y44 RAIL HEAT
 OUTPUT Y45 WEEP VALVE
 OUTPUT Y46 SOAP HEATER
 OUTPUT Y47 DRYER ACTIVATION

OUTPUT MODULE 5 (24VAC)

OUTPUT Y50 ENTRANCE DOOR UP
 OUTPUT Y51 ENTRANCE DOOR DOWN
 OUTPUT Y52 EXIT DOOR UP
 OUTPUT Y53 EXIT DOOR DOWN
 OUTPUT Y54 RECLAIM SOLENOID OUTPUT
 OUTPUT Y55 RUST INHIBITOR OPTION
 OUTPUT Y56 WHEEL CLEANER OPTION
 OUTPUT Y57 HOT HIGH PRESSURE INJECTOR OPTION

OUTPUT MODULE 6 (110VAC)

OUTPUT Y60 UNDERCARRIAGE AND SIDE WASH
 OUTPUT Y61 RUST INHIBITOR SIGN
 OUTPUT Y62 WHEEL CLEANER SIGN
 OUTPUT Y63 PRE SOAK SIGN (1ST SOAP PASS)
 OUTPUT Y64 SECOND PRESOAK SIGN (2ND SOAP PASS)
 OUTPUT Y65 LASERWASH SIGN
 OUTPUT Y66 CLEAR COAT PREOTECTANT SIGN
 OUTPUT Y67 LASERDRI SIGN