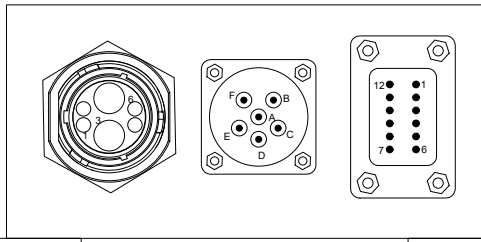


ST-100 XIM1 Electrical Connections



POWER

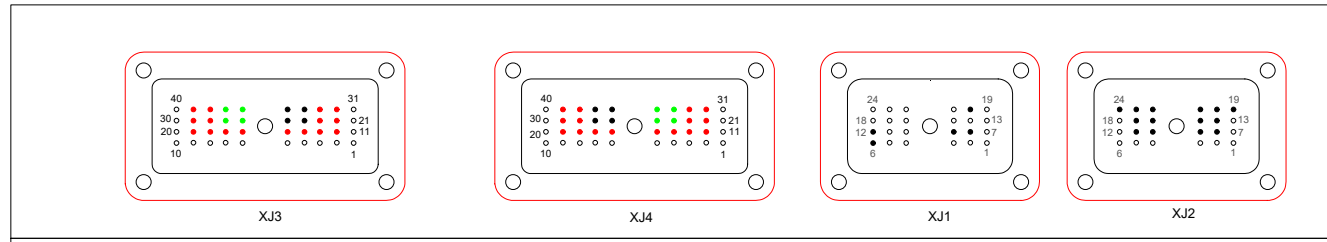
- 3 = GROUND
- 4 = +12V FUSED 60A

RIM

- A = +12V
- B = RS-485B
- C = +12V
- D = GROUND
- E = GROUND
- F = RS-485A

CIM

- 1 = XIM RS-485A
- 2 = XIM RS-485B
- 3 = RIM RS-485A
- 4 = RIM RS-485B
- 5 = TOW PLOW RS-485A
- 6 = TOW PLOW RS-485B
- 7 = GROUND
- 8 = N.C.
- 9 = N.C.
- 10 = SYSTEM ENABLE
- 11 = HMI +20V
- 12 = CIM +12V



XJ3

XJ4

XJ1

XJ2

- 1 = PUP DOWN
- 2 = UNDER BODY DOWN
- 3 = UNDERBODY UP
- 4 = UNDERBODY LEFT
- 5 = UNDERBODY RIGHT
- 6 = GATE UP
- 7 = GATE DOWN
- 8 = HOIST DOWN
- 9 = HOIST UP
- 10 = POWER FLOAT PWM
- 11 = PUP UP
- 12 = +12V
- 13 = +12V
- 14 = +12V
- 15 = +12V
- 16 = +12V
- 17 = +12V
- 18 = +12V
- 19 = +12V
- 20 =
- 21 = LEFT WING IN
- 22 = +12V
- 23 = +12V
- 24 = GROUND
- 25 = GROUND
- 26 = LOW OIL
- 27 = HOT OIL
- 28 = +12V
- 29 = +12V
- 30 = SPARE OUT 1
- 31 = LEFT WING OUT
- 32 = +12V
- 33 = +12V
- 34 = GROUND
- 35 = GROUND
- 36 = SPARE IN 1
- 37 = P. F. PRESSURE
- 38 = +12V
- 39 = +12V
- 40 = SPARE OUT 2

- 1 = FRONT PLOW UP
- 2 = FRONT PLOW DOWN
- 3 = FRONT PLOW LEFT
- 4 = FRONT PLOW RIGHT
- 5 = POWER FLOAT A
- 6 = POWER FLOAT B&C
- 7 = RIGHT WING DOWN
- 8 = RIGHT WING UP
- 9 = RIGHT WING IN
- 10 = RIGHT WING OUT
- 11 = SPINNER RIGHT
- 12 = +12V
- 13 = +12V
- 14 = +12V
- 15 = +12V
- 16 = +12V
- 17 = +12V
- 18 = +12V
- 19 = +12V
- 20 = LEFT WING DOWN

- 21 = SPINNER LEFT
- 22 = +12v
- 23 = +12V
- 24 =
- 25 =
- 26 = GROUND
- 27 = GROUND
- 28 = +12V
- 29 = +12V
- 30 = LEFT WING UP
- 31 = CONVEYOR
- 32 = +12V
- 33 = +12V
- 34 = RIGHT WING SENSE
- 35 = LEFT WING SENSE
- 36 = GROUND
- 37 = GROUND
- 38 = +12V
- 39 = +12V
- 40 = PREWET

- Balluff +20V = Pin 4
- Balluff Signal = Pin 5
- Balluff Ground = Pin 6
- Conv. +12V = Pin 10
- Conv. Signal = pin 11
- Conv. Ground = Pin 12
- Prewet +12V = Pin 1
- Prewet +12V = Pin 7
- Prewet Flow Signal = Pin 15
- Prewet Ground = Pin 8
- Prewet Ground = Pin 9
- Prewet Purge = Pin 2
- Prewet Press. = Pin 14
- Prewet PWM = Pin 3

- Anti Ice +12V = Pin 13
- Anti Ice +12V = Pin 19
- Anti Ice Flow Signal = Pin 24
- Anti Ice Ground = Pin 20 (Note if no prewet use Pin 8 as well)
- Anti Ice Press. = Pin 23
- Anti Ice Motor Dir. = Pin 17
- Anti Ice Motor Enable = Pin 16
- Anti Ice Left Lane = Pin 18
- Anti Ice Centre Lane = Pin 21
- Anti Ice Right Lane = Pin 22

- LIGHT 1 = Pin 18
- LIGHT 2 = Pin 12
- LIGHT 3 = Pin 6
- LIGHT 4 = Pin 5
- LIGHT 5 = Pin 4
- LIGHT 6 = Pin 3
- LIGHT 7 = Pin 2
- LIGHT 8 = Pin 1
- LIGHT 9 = Pin 7
- LIGHT 10 = Pin 13