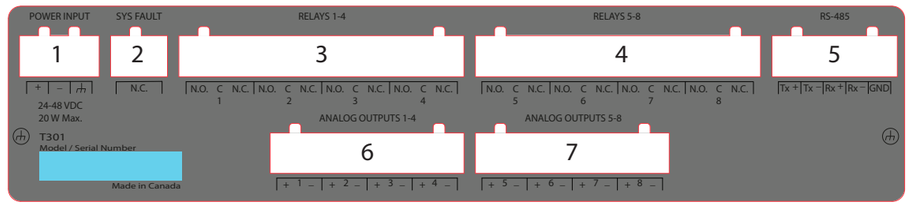
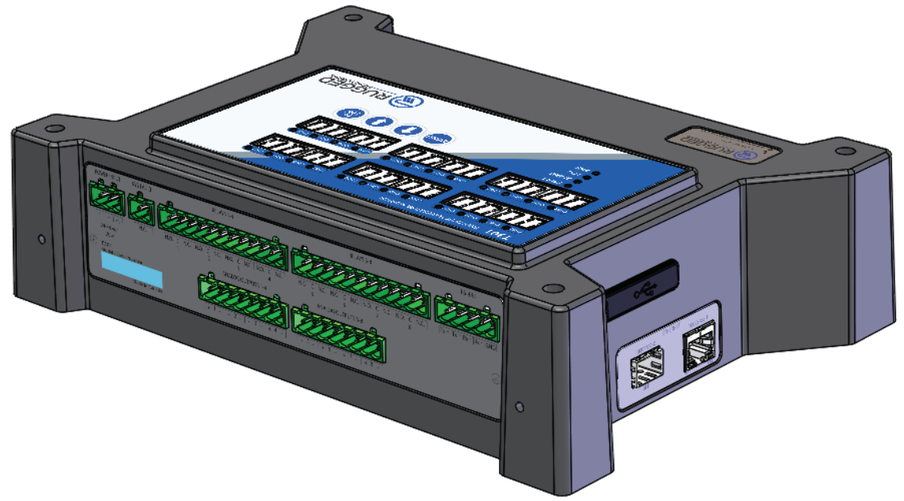




1- POWER INPUT
24 to 48 vdc, 20w max
Mating connector: Phoenix #1757022

Pinout: 1-Power input +
2-Power input -
3-Earth ground

2- SYS FAULT
Normally closed contact. Contact is open if system is not powered or if the firmware is not operating properly.
See relays rating for voltage and current specifications.
Mating connector: Phoenix #1757019

Pinout: 1-SF-A
2-SF-B

3- RELAYS 1-4
User configurable dry contact relays 1 to 4
Mating connector: Phoenix #1757116

Pinout: 1-RLY1 Normally Open
2-RLY1 Common
3-RLY1 Normally Close
4-RLY2 Normally Open
5-RLY2 Common
6-RLY2 Normally Close
7-RLY3 Normally Open
8-RLY3 Common
9-RLY3 Normally Close
10-RLY4 Normally Open
11-RLY4 Common
12-RLY4 Normally Close

4- RELAYS 5-8
User configurable dry contact relays 5 to 8
Mating connector: Phoenix #1757116

Pinout: 1-RLY5 Normally Open
2-RLY5 Common
3-RLY5 Normally Close
4-RLY6 Normally Open
5-RLY6 Common
6-RLY6 Normally Close
7-RLY7 Normally Open
8-RLY7 Common
9-RLY7 Normally Close
10-RLY8 Normally Open
11-RLY8 Common
12-RLY8 Normally Close

5-RS-485
Isolated RS-485 serial port for SCADA communication
Pin 1+3 and 2+4 can be shorted together to create a 2 wires half-duplex interface
Shielded cable is recommanded. Shield should be connected to earth (enclosure).
Mating connector: Phoenix #1757048

Pinout: 1-Tx +
2-Tx -
3-Rx +
4-Rx -
5-Ground

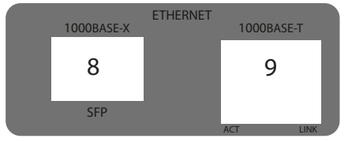
6- ANALOG OUTPUT 1-4
User configurable analogue output 1-4
Each output can be configured to driver a 4-20 mA current output or a 0 to 10 v voltage output
For current, impedance is 400 Ohms max.
For voltage, impedance is 100 k Ohms min.
Shielded cable is recommanded. Shield should be connected to earth (enclosure).
Mating connector: Phoenix #1757077

Pinout: 1-A1+
2-A1-
3-A2+
4-A2-
5-A3+
6-A3-
7-A4+
8-A4-

7- ANALOG OUTPUT 5-8
User configurable analogue output 5-8

Mating connector: Phoenix #1757077

Pinout: 1-A1+
2-A1-
3-A2+
4-A2-
5-A3+
6-A3-
7-A4+
8-A4-



8- ETHERNET
Port 1 SFP 1000Base-X (Default: 1000Base-SX)

9- ETHERNET
Port 1 RJ45 1000Base-T

REV.	DESCRIPTION	DATE	BY	APPROVED

RUGGED MONITORING
1415 Rue Frank-Carrel, Suite 230
Québec (Québec), G1N 4N7
T 418.767-0111
www.ruggedmonitoring.com

APPROVALS		DATE: (YYYY-MM-DD)
DESIGNED BY:	S.Lachevrotiere	2018-12-06
DRAWN BY:	S.Lachevrotiere	2018-12-06
VERIFIED BY:	J-N Berube	2018-12-06
APPROVED BY:		yyyy-mm-dd

METRIC SYSTEM (mm)
TOLERANCES: (UNLESS SPECIFIED)
3.2 X ± 1
.XX ± 0.25
.XXX ± 0.100
.X Â± 0.5
.XX Â± .25Â
.XXX Â± .25Â
.X Â± 1Â
.XÂ± .5Â

WEIGHT (kg):	SCALE:	MATERIAL:	PROJECT:
1348.054	1:2	N/A	
FORMAT:	SHEET :	PROCESS:	DESCRIPTION:
A	1/1	N/A	T301 Wiring
		SURFACE TREATMENT:	NUMBER: CD0006-02 REVISION 01
		N/A	

FILE NAME: CD0006-02_T301Wiring