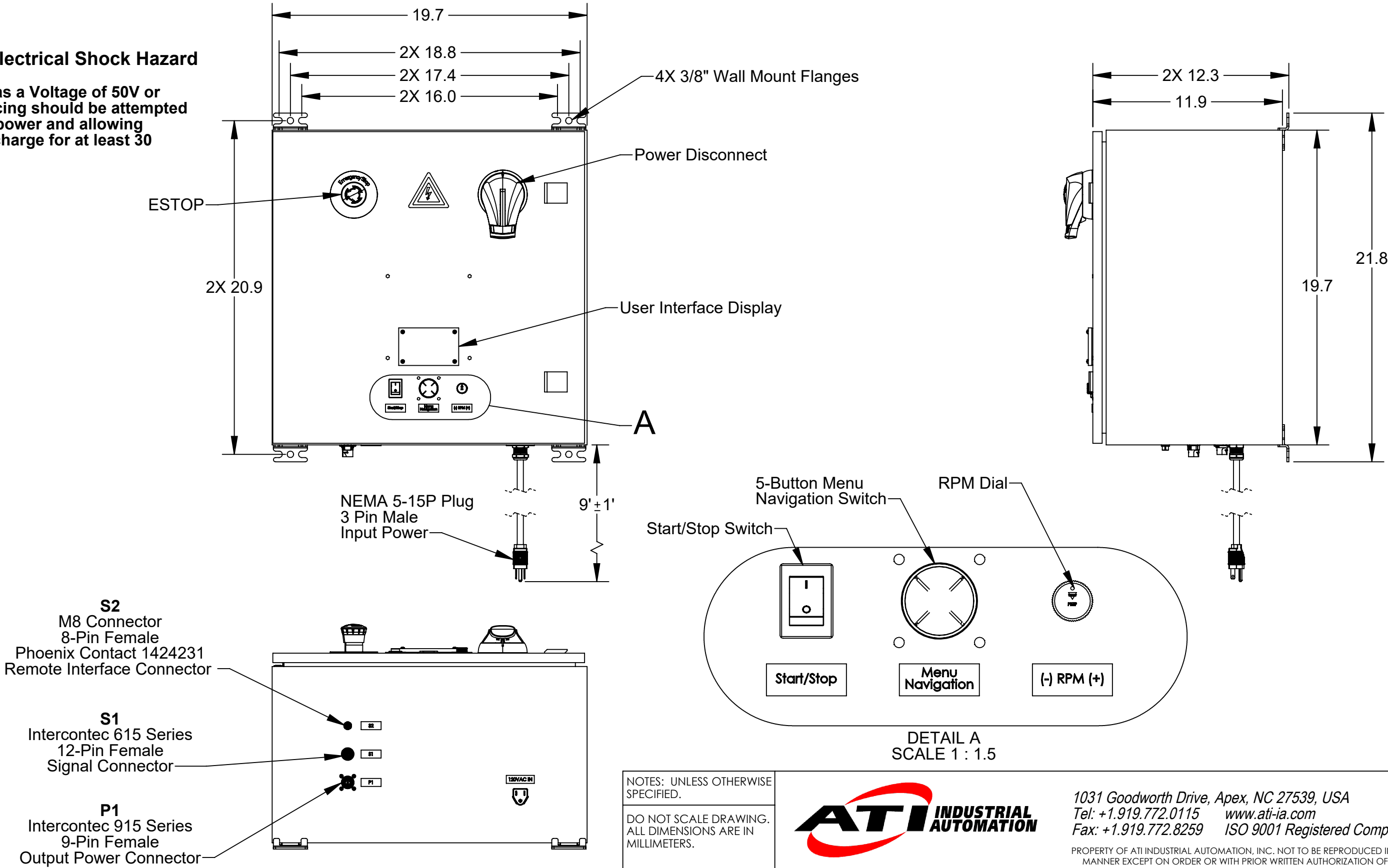


"DANGER!" - Electrical Shock Hazard

This Enclosure has a Voltage of 50V or greater, NO servicing should be attempted before removing power and allowing capacitors to discharge for at least 30 minutes.

Controls Enclosure 9015-50-1000

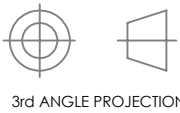
REV.	DESCRIPTION	INITIATOR	DATE
03	Initial Release	BAM	10/27/2020



- Note:
1. See Sheet 2 for connector and power rating information.
 2. See Sheet 3 for product specifications.

NOTES: UNLESS OTHERWISE SPECIFIED.

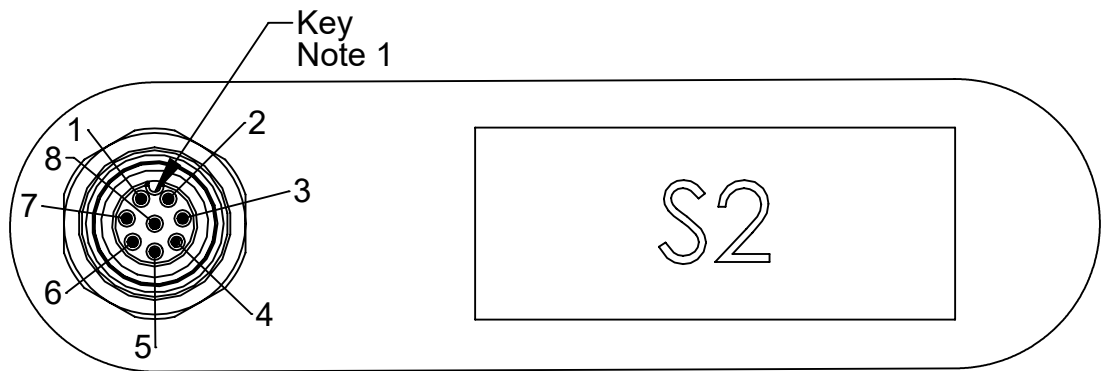
DO NOT SCALE DRAWING. ALL DIMENSIONS ARE IN MILLIMETERS.



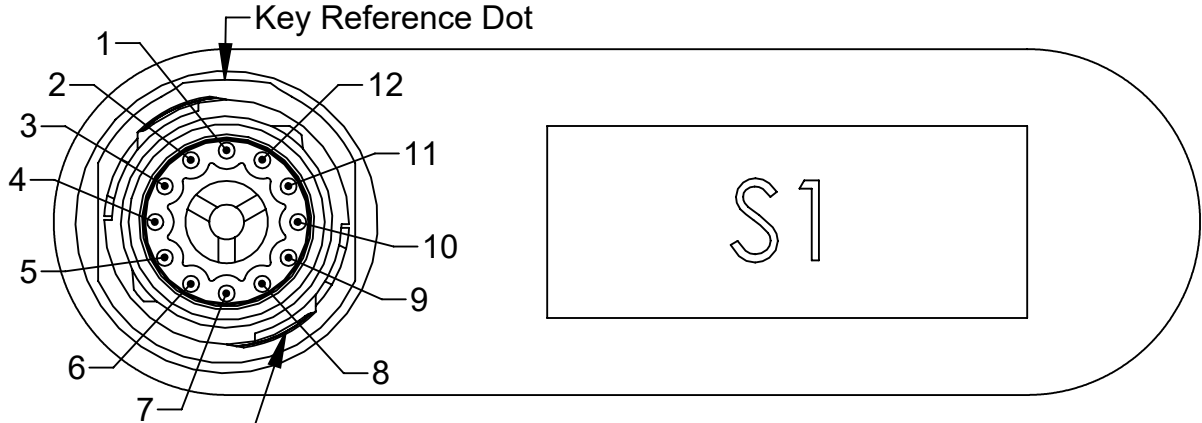
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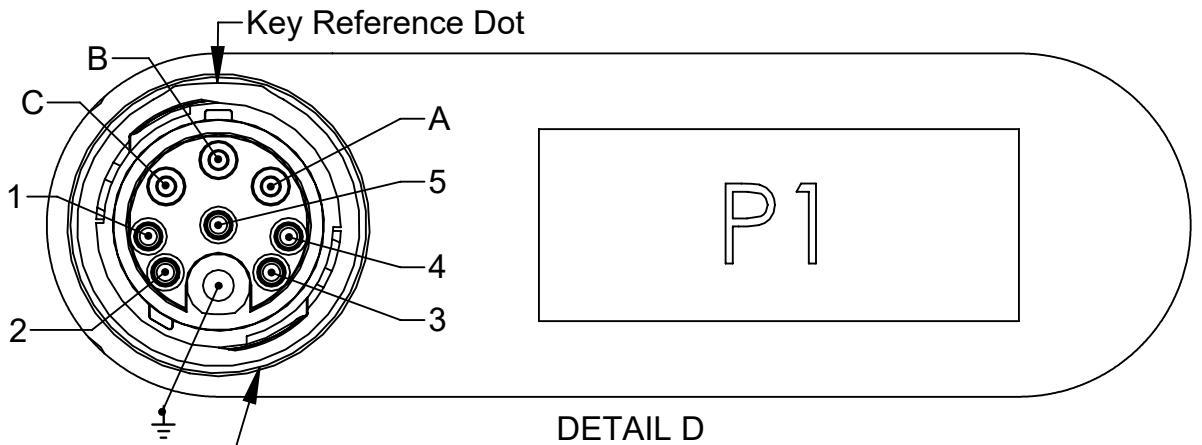
DRAWN BY: B. Murphy, 06/08/2020		TITLE	
CHECKED BY: W. Berrocal, 08/02/2020		Controls Enclosure for Electric MR Tools, 9015-50-1000, Customer Drawing	
PROJECT # 190228-1	SHEET 1 OF 3	SCALE 1:6	SIZE B
		DRAWING NUMBER 9230-50-1093	REVISION 03



DETAIL B
M8 Connector
8-Pin Female
Phoenix Contact 1424231
Remote Interface Connector
SCALE 2 : 1



DETAIL C
Intercontec 615 Series
12-Pin Female
Signal Connector
SCALE 2 : 1



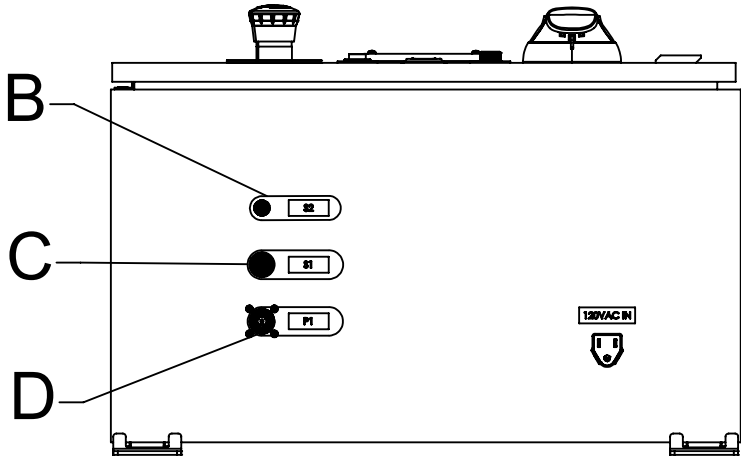
DETAIL D
Intercontec 915 Series
9-Pin Female
Output Power Connector
SCALE 2 : 1

- Note:
- Connector key orientations not guaranteed
 - 10m signal cable, 9150-C-9929112-9919112-01-10, included in sale of system.
 - 10m power cable, 9150-C-9929109-9919109-01-10, included in sale of system.

Table 1: M8, Remote Interface Connector, S2			
Pin	Description	Signal Type	Voltage/Current Limits
N/A	Digital Signals		N/A
1	Servo Drive Error	24V Digital Output	30V/20mA
7	System Status Good	24V Digital Output	30V/20mA
5	Start/Stop Motor	24V Digital Input	30V/2mA
2	Digital Signals Ground	Ground Connection	GND
N/A	RPM Monitoring		N/A
3	RPM Monitoring	±10V or 4-20mA Output	±10V/1mA or 5V/20mA
4	Analog Ground for RPM Monitoring	Ground Connection	GND
N/A	Set RPM		N/A
6	Set RPM	±10V or 4-20mA Input	±10V/1mA or 5V/20mA
8	Analog Ground for ±10V Input or +24V Source for 4-20mA Input for Set RPM	Ground Connection or 24V Source	GND or 30V/20mA

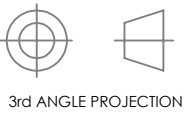
Table 2: Itec 615, Signal connector, S1	
Pin	Description
1	Hall Effect Sensor 3 Signal
2	Hall Effect Sensor 2 Signal
3	Hall Effect Sensor 1 Signal
4	Hall Effect Sensor Digital Ground
5	Hall Effect 5V
6	Motor Temperature (+)
7	Motor Temperature (-)
8-12	N/C

Table 3: Itec 915, Servo Motor Power, P1	
Pin	Description
1-5	N/C
A	Servo Motor Power Phase A
B	Servo Motor Power Phase B
C	Servo Motor Power Phase C
⊥	Ground



NOTES: UNLESS OTHERWISE SPECIFIED.

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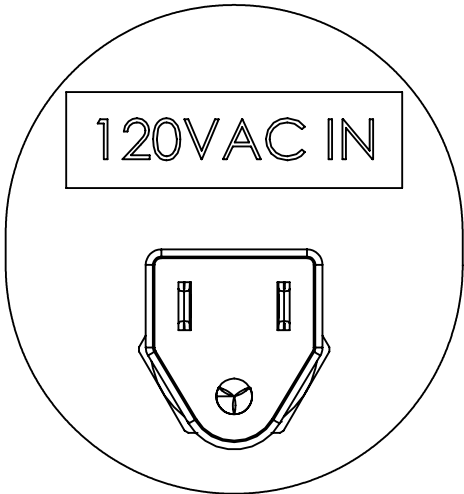
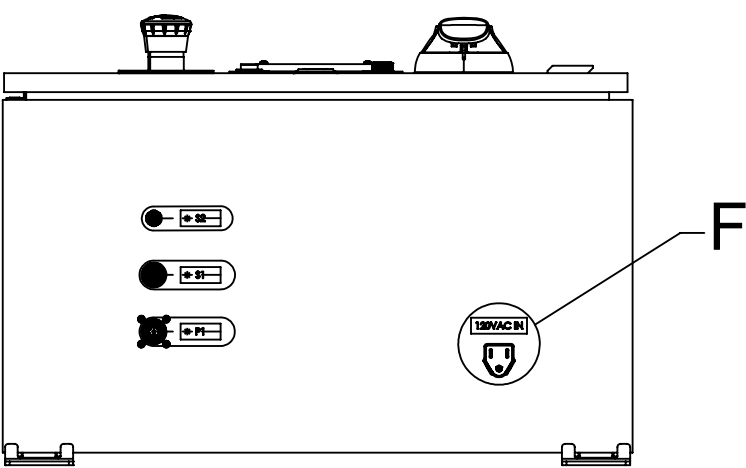


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CHECKED BY: W. Berrocal, 08/02/2020		Controls Enclosure for Electric MR Tools, 9015-50-1000, Customer Drawing		
PROJECT # 190228-1	SHEET 2 OF 3	SCALE 1:6	SIZE B	DRAWING NUMBER 9230-50-1093
				REVISION 03

Table 4: Specifications for Controls Enclosure for Electric MR Tools, 9015-50-1000	
Specification	Value
Supply Voltage	120VAC, 1 phase, 60Hz
Supply Current	9A
Input Power Connector	NEMA 5-15P
Ouput Voltage	0-120VAC, 3 phase, 0-1kHz
Output Current Max	13A
Output Current Cont	4.5A
Compatible Tools	9150-RCE-710
Connectors	P1: Output Power, Intercontec 615 9-Pin
	S1: Signal Connector, Intercontec 915 12-Pin
	S2: Remote Interface Connector, M8 8-Pin
Protections	Short Circuit Protection Motor High Temperature Protection
Operating Temperature	0° - 50°C
Product Weight	50lb
Protection Class	UL Type 1 / IP54
SCCR	10kA
Listing	UL508A



DETAIL F
NEMA 5-15P Connector
3-Pin Male
Input Power
SCALE 1 : 1

Note:
1. For listing of software fault codes, see product manual.

NOTES: UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWING. ALL DIMENSIONS ARE IN MILLIMETERS.  3rd ANGLE PROJECTION			1031 Goodworth Drive, Apex, NC 27539, USA Tel: +1.919.772.0115 www.ati-ia.com Fax: +1.919.772.8259 ISO 9001 Registered Company			
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	DRAWN BY: B. Murphy, 06/08/2020 CHECKED BY: W. Berrocal, 08/02/2020		TITLE Controls Enclosure for Electric MR Tools, 9015-50-1000, Customer Drawing			
	PROJECT # 190228-1 SHEET 3 OF 3	SCALE 1:6	SIZE B	DRAWING NUMBER 9230-50-1093	REVISION 03	