Setting	Description	Range	Factory Setting
4th Stage Cooler Discharge Temperature	Offset	-20 – 20 °F	0
	Type	J or K	K
Compressor Oil Temperature	Offset	-20 – 20 °F	0
	Type	J or K	K
Pre-Catalyst Temperature	Offset	-20 – 20 °F	0
	Type	J or K	K
Post-Catalyst Temperature	Offset	-20 – 20 °F	0
	Type	J or K	K
Cold Junction #1	Cold Junction #1 Temperature reading physically located on TC Module.	-20.0 – 20.0 °F	0.0
Cold Junction #2	Cold Junction #2 Temperature reading physically located on TC Module	-20.0 – 20.0 °F	0.0
Throw 1 = Stage:	Assign the pressures used for this cylinder rod load calculations.	1-4	3
Throw 1 Rod Size:	Rod Diameter	0.000 – 10.000 In	2.875
Throw 1 (or Tandem HP Cylinder) Cylinder Size:	Cylinder Diameter	0.000 – 30.000 In	13.625
Throw 1 Action:	Type of compressor throw	Blank Single Acting Double Acting Tandem HP Outboard Tandem HP Inboard	Double Acting
Throw 1 (or Tandem HP Cylinder) Pressure Drop-Suction:	Set the pressure drop between the location of the suction pressure transmitter and cylinder. A positive number is a pressure drop (typical for suction). A negative number is a pressure rise.	0 – 100 %	3
Throw 1 (or Tandem HP Cylinder) Pressure Drop-Discharge:	Set the pressure drop between the location of the discharge pressure transmitter and cylinder. A positive number is a pressure drop. A negative number is a pressure rise (typical for discharge).	0 – 100 %	3
Throw 1 Tandem LP Cylinder Pressure Drop-Suction:	Set the pressure drop between the location of the suction pressure transmitter and cylinder. A positive number is a pressure drop (typical for suction). A negative number is a pressure rise.	0 – 100 %	NA
Throw 1 Tandem LP Cylinder Pressure Drop-Discharge:	Set the pressure drop between the location of the discharge pressure transmitter and cylinder. A positive number is a pressure drop. A negative number is a pressure rise (typical for discharge).	0 – 100 %	NA
Throw 2 = Stage:	Assign the pressures used for this cylinder rod load calculations.	1-4	4
Throw 2 Rod Size:	Rod Diameter	0.000 – 10.000 In	2.875

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Setting	Description	Range	Factory Setting
Throw 2 Cylinder Size:	Cylinder Diameter	0.000 – 30.000 In	9.25
Throw 2 Action:	Type of compressor throw	Blank Single Acting Double Acting Tandem HP Outboard Tandem HP Inboard	Double Acting
Throw 2 (or Tandem HP Cylinder) Pressure Drop-Suction:	Set the pressure drop between the location of the suction pressure transmitter and cylinder. A positive number is a pressure drop (typical for suction). A negative number is a pressure rise.	0 – 100 %	3
Throw 2 (or Tandem HP Cylinder)	**Pressure Drop-Discharge:** Set the pressure drop between the location of the discharge pressure transmitter and cylinder. A positive number is a pressure drop. A negative number is a pressure rise (typical for discharge).	0 – 100 %	3
Throw 2 Tandem LP Cylinder Pressure Drop-Suction:	Set the pressure drop between the location of the suction pressure transmitter and cylinder. A positive number is a pressure drop (typical for suction). A negative number is a pressure rise.	0 – 100 %	NA
Throw 2 Tandem LP Cylinder Pressure Drop-Discharge:	Set the pressure drop between the location of the discharge pressure transmitter and cylinder. A positive number is a pressure drop. A negative number is a pressure rise (typical for discharge).	0 – 100 %	NA
Throw 3 = Stage:	Assign the pressures used for this cylinder rod load calculations.	1-4	1
Throw 3 Rod Size:	Rod Diameter	0.000 – 10.000 In	2.875
Throw 3 Cylinder Size:	Cylinder Diameter	0.000 – 30.000 In	24.125
Throw 3 Action:	Type of compressor throw	Blank Single Acting Double Acting Tandem HP Outboard Tandem HP Inboard	Double Acting
Throw 3 (or Tandem HP Cylinder) Pressure Drop-Suction:	Set the pressure drop between the location of the suction pressure transmitter and cylinder. A positive number is a pressure drop (typical for suction). A negative number is a pressure rise.	0 – 100 %	3
Throw 3 (or Tandem HP Cylinder) Pressure Drop-Discharge:	Set the pressure drop between the location of the discharge pressure transmitter and cylinder. A positive number is a pressure drop. A negative number is a pressure rise (typical for discharge).	0 – 100 %	3
Throw 3 Tandem LP Cylinder Pressure Drop-Suction:	Set the pressure drop between the location of the suction pressure transmitter and cylinder. A positive number is a pressure drop (typical for suction). A negative number is a pressure rise.	0 – 100 %	NA
		0 – 100 %	NA

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Setting	Description	Range	Factory Setting
Throw 3 Tandem LP Cylinder Pressure Drop-Discharge:	Set the pressure drop between the location of the discharge pressure transmitter and cylinder. A positive number is a pressure drop. A negative number is a pressure rise (typical for discharge).		
Throw 4 = Stage:	Assign the pressures used for this cylinder rod load calculations.	1-4	2
Throw 4 Rod Size:	Rod Diameter	0.000 – 10.000 In	2.875
Throw 4 Cylinder Size:	Cylinder Diameter	0.000 – 30.000 In	17.375
Throw 4 Action:	Type of compressor throw	Blank Single Acting Double Acting Tandem HP Outboard Tandem HP Inboard	Double Acting
Throw 4 (or Tandem HP Cylinder) Pressure Drop-Suction:	Set the pressure drop between the location of the suction pressure transmitter and cylinder. A positive number is a pressure drop (typical for suction). A negative number is a pressure rise.	0 – 100 %	3
Throw 4 (or Tandem HP Cylinder) Pressure Drop-Discharge:	Set the pressure drop between the location of the discharge pressure transmitter and cylinder. A positive number is a pressure drop. A negative number is a pressure rise (typical for discharge).	0 – 100 %	3
Throw 4 Tandem LP Cylinder Pressure Drop-Suction:	Set the pressure drop between the location of the suction pressure transmitter and cylinder. A positive number is a pressure drop (typical for suction). A negative number is a pressure rise.	0 – 100 %	NA
Throw 4 Tandem LP Cylinder Pressure Drop-Discharge:	Set the pressure drop between the location of the discharge pressure transmitter and cylinder. A positive number is a pressure drop. A negative number is a pressure rise (typical for discharge).	0 – 100 %	NA
Throw 5 = Stage:	Assign the pressures used for this cylinder rod load calculations.	1-4	1
Throw 5 Rod Size:	Rod Diameter	0.000 – 10.000 In	2.875
Throw 5 Cylinder Size:	Cylinder Diameter	0.000 – 30.000 In	24.125
Throw 5 Action:	Type of compressor throw	Blank Single Acting Double Acting Tandem HP Outboard Tandem HP Inboard	Double Acting
Throw 5 (or Tandem HP Cylinder) Pressure Drop-Suction:	Set the pressure drop between the location of the suction pressure transmitter and cylinder. A positive number is a pressure drop (typical for suction). A negative number is a pressure rise.	0 – 100 %	3
Throw 5 (or Tandem HP Cylinder) Pressure Drop-Discharge:	Set the pressure drop between the location of the discharge pressure transmitter and cylinder. A positive number is a pressure drop. A negative number is a pressure rise (typical for discharge).	0 – 100 %	3
		0 – 100 %	NA

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Setting	Description	Range	Factory Setting
Throw 5 Tandem LP Cylinder Pressure Drop-Suction:	Set the pressure drop between the location of the suction pressure transmitter and cylinder. A positive number is a pressure drop (typical for suction). A negative number is a pressure rise.		
Throw 5 Tandem LP Cylinder Pressure Drop-Discharge:	Set the pressure drop between the location of the discharge pressure transmitter and cylinder. A positive number is a pressure drop. A negative number is a pressure rise (typical for discharge).	0 – 100 %	NA
Throw 6 = Stage:	Assign the pressures used for this cylinder rod load calculations.	1-4	2
Throw 6 Rod Size:	Rod Diameter	0.000 – 10.000 In	2.875
Throw 6 Cylinder Size:	Cylinder Diameter	0.000 – 30.000 In	17.375
Throw 6 Action:	Type of compressor throw	Blank Single Acting Double Acting Tandem HP Outboard Tandem HP Inboard	Double Acting
Throw 6 (or Tandem HP Cylinder) Pressure Drop-Suction:	Set the pressure drop between the location of the suction pressure transmitter and cylinder. A positive number is a pressure drop (typical for suction). A negative number is a pressure rise.	0 – 100 %	3
Throw 6 (or Tandem HP Cylinder) Pressure Drop-Discharge:	Set the pressure drop between the location of the discharge pressure transmitter and cylinder. A positive number is a pressure drop. A negative number is a pressure rise (typical for discharge).	0 – 100 %	3
Throw 6 Tandem LP Cylinder Pressure Drop-Suction:	Set the pressure drop between the location of the suction pressure transmitter and cylinder. A positive number is a pressure drop (typical for suction). A negative number is a pressure rise.	0 – 100 %	NA
Throw 6 Tandem LP Cylinder Pressure Drop-Discharge:	Set the pressure drop between the location of the discharge pressure transmitter and cylinder. A positive number is a pressure drop. A negative number is a pressure rise (typical for discharge).	0 – 100 %	NA
Set/Reset Hour meter:	User entry for Hour meter	0 – 100,000.0 Hrs	N/A
Unit Number:	User entered label for the unit number	24 characters	NA
Set/Reset Hour meter:	User entry for Hour meter	0 – 100,000.0 Hrs	N/A

27. HMI SECURITY

Setpoints, PLC Output Forcing and Test Modes are user name and password protected. The user must login before adjusting any setpoints or using any HMI touch buttons that require password-protected access. If the current login does not have the required security access, these features are not available, and will be greyed-out.

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Login/logout access is accessed from the main header of the HMI screens. Pressing Login will open a login popup prompting the user to enter the user name and password. Pressing Logout will return the security access to Default, with no security privileges.

The user login status is displayed on the main header of the HMI screens.

If a user is logged but there has been no user activity with the HMI for 15 minutes, the user will be logged out. The login for this compressor control panel is

User:

Display	Login Name	Password
Operator -	oper	2018
Mechanic -	mech	3616
Supervisor -	supv	3616.
IC&E Tech -	ice	2018ice

28. IP ADDRESS ASSIGNMENTS

The following IP addresses will be assigned to the Ethernet devices in the Compressor Control Panel.

Compressor Exterran Ref.	*IP Address*	*Ethernet Device*	*Location*
1. Compressor C-1010 *2. Compressor C-1020* *3. Compressor C-1030* *4. Compressor C-2010* *5. Compressor C-2020* *6. Compressor C-2030* *7. Compressor C-3010* *8. Compressor C-3020* *9. Compressor C-3030*	*192.168.1.10*	*CompactLogix L36ERM*	
	192.168.1.30	*RTU Gateway*	
	192.168.1.40	*CAT Controller*	
	N/A	*DCS*	
	192.168.1.21 *192.168.1.22* *192.168.1.23* *192.168.1.24*	*MCC VFD Devices*	
	192.168.1.11	*HMI*	
	Will be assigned later	*Stratix Switch*	

29. SYSTEM ARCHITECTURE

The Panel View Plus Display have two 10/100Base-T, Auto MDI/MDI-X Ethernet ports that support Device Level Ring (DLR), linear, or star network topologies and will communicate with the Compressor Control System through STRATIX 5700 Ethernet Switch.

The CompactLogix controller have single USB port, EtherNet/IP network - Option to use the controller in device-level ring (DLR), linear, and star topologies on EtherNet/IP networks.

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The Red Lion RTU Gateway will communicate with CAT Controller then CompactLogix PLC will get CAT controller data by the STRATIX 5700 Ethernet Switch.

The MCC VFDs Cooler motors will communicate with the Compressor Control System through STRATIX 5700 Ethernet Switch the VFDs will be added in the Compressor Control System application.

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XTO- POKER LAKE COMPRESSOR STATION

ROCKWELL AUTOMATION PROJECT P1US210243

EXTERRAN COMPRESSOR PANEL

DATE	BY	APPROVAL
10-12-18	MZ	DESIGN REVIEW
		FOR MANUFACTURING
01-14-19	MZ	AS SHIPPED
		AS COMMISSIONED

REV.	DATE	BY	ECN/CR. NO.
A	10-12-18	SP	IFA
B	01-14-19	SP	AS SHIPPED

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XTO- POKER LAKE COMPRESSOR STATION
EXTERRAN COMPRESSOR PANEL
TITLE SHEET

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EXTERRAN COMPRESSOR PANEL
INDEX SHEET

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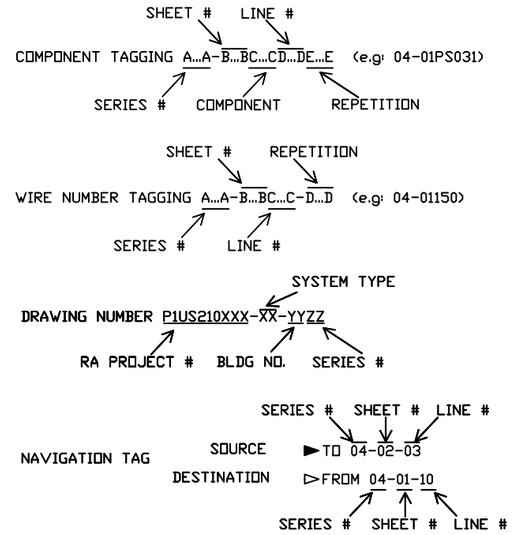
NOTES:

1. ——— FACTORY WIRING
   ----- CUSTOMER WIRING (EXTERRAN)
   —··— END USER WIRING
2. 120VAC: (H) BK (N) WH. 24VDC POWER WIRING: (+) RD (-) BK
3. DIGITAL INPUT/OUTPUT WIRING: (+) RD (-) GY
4. ANALOG INPUT WIRING: (+) RD (SIGNAL) WH
5. ANALOG OUTPUT WIRING: TWISTED PAIR SHIELDED (+) BK (-) WH
6. FIELD WIRES TO BE DIRECTLY TERMINATED TO THERMOCOUPLE CARD AND SHIELD FOR THEM TO BE TERMINATED DIRECTLY TO INSTRUMENT GROUND BAR LOCATED BELLOW IO RACK.
7. GROUNDING: SFTY GND -GRN/YEL. INST GND -GRN
8. USE HEAT-SHRINK SLEEVES, DO NOT SHRINK UNTIL AFTER COMMISSIONING (OPTIONAL).
9. USE #16 AWG UNLESS OTHERWISE SPECIFIED FOR IO POWER
10. USE #16 AWG UNLESS OTHERWISE SPECIFIED FOR IO SIGNAL WIRING
11. USE #14 AWG UNLESS OTHERWISE SPECIFIED FOR GROUND WIRING AND POWER DIST.
12. USE TERMINAL BLOCK SIDE OR CENTER JUMPERS INSTEAD OF WIRE JUMPERS WHERE POSSIBLE..
13. DIN RAILS TO BE MOUNTED ON 2-INCH STAND OFFS, UNLESS NOTED.
14. ALL WIRE CONNECTIONS MUST USE FERRULE.
15. THE CABINET FRAMES, SIDE PANELS & PLINTH SHALL BE CONNECTED TO THE SAFETY GROUND WITH #10AWG STRANDED WIRES.
16. DOORS SHALL BE CONNECTED TO THE ENCLOSURE FRAME WITH A FLEXIBLE 16mm2 COPPER EARTHING STRAP.
17. TRUNKING CONTAINING 120VAC WIRING SHALL HAVE WARNING LABELS ON THE COVERS.
18. PROVIDE MAIN INSTRUMENT GROUND BAR AND SAFETY GROUND BAR WITH 2 AWG LUGS (X2).
19. ALL WIRE WAYS TO BE 4" HEIGHT, SLOTTED SIDES AND BE COLOURED WHITE.

LEGEND:



SYSTEM TYPE

00 = GENERIC
01 = BPCS
02 = SIS
03 = F&G
04 = CCS
05 = BMS
06 = NETWORK
07 = VFD

TERMINAL GRAPHICS	TERMINAL TYPE
TAG_STRIP NO.	STANDARD FEED THROUGH TERMINAL
TAG_STRIP NO.	GROUNDING TERMINAL
CB	CIRCUIT BREAKER

SERIES NUMBER

00 = Title Page, Index, Note & Label Details
01 = Dimension, Door/Panel Layouts
02 = Bill of Material
03 = Power Distribution (120VAC)
04 = Power Distribution (24VDC)
05 = Analog Input I/O Cards
06 = Analog Output I/O Cards
07 = Digital Input I/O Cards
08 = Digital Output I/O Cards
09 = RTD Modules
10 = Grounding
11 = Alarm Signals & Miscellaneous
12 = Network Communication
13 = Marshalling Terminals

DATE	BY	APPROVAL
10-12-18	MZ	DESIGN REVIEW
		FOR MANUFACTURING
01-14-19	MZ	AS SHIPPED
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XTO- POKER LAKE COMPRESSOR STATION
EXTERRAN COMPRESSOR PANEL
NOTE SHEET

Drawn by: SP Date: 08-06-18

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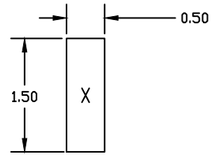
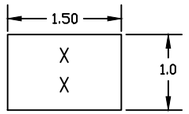


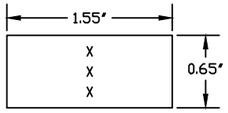
TYPE 1
FOR RACK MOUNTED EQUIPMENT NAMEPLATE

CHARACTER: HEIGHT 0.1875" (3/16")
MAXIMUM: 6 CHARACTERS
1 COLUMN
MATERIAL: WHITE SURFACE
BLACK CORE
(WITH ADHESIVE TAPE)



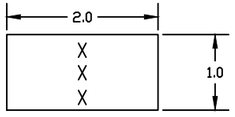
TYPE 2
FOR MISCELLANEOUS EQUIPMENT NAMEPLATE

CHARACTER: HEIGHT 0.1875" (3/16")
MAXIMUM: 9 CHARACTERS
2 ROWS
MATERIAL: WHITE SURFACE
BLACK CORE
(WITH ADHESIVE TAPE)



TYPE 3
SCHT 5
FOR TAG CARRIER NAMEPLATE

CHARACTER: HEIGHT 0.125" (1/8")
MAXIMUM: 12 CHARACTERS
3 ROWS
MATERIAL: WHITE SURFACE
BLACK CORE



TYPE 4
FOR MISCELLANEOUS EQUIPMENT NAMEPLATE

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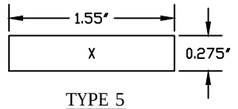
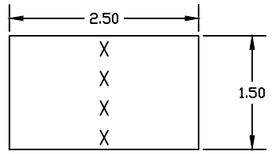
MAXIMUM: 12 CHARACTERS
3 ROWS
MATERIAL: WHITE SURFACE
BLACK CORE
(WITH ADHESIVE TAPE)



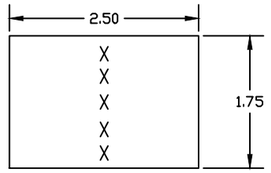
TYPE 5
SCHT 5S
FOR TAG CARRIER NAMEPLATE

CHARACTER: HEIGHT 0.125" (1/8")
MAXIMUM: 12 CHARACTERS
1 ROW
MATERIAL: WHITE SURFACE
BLACK CORE



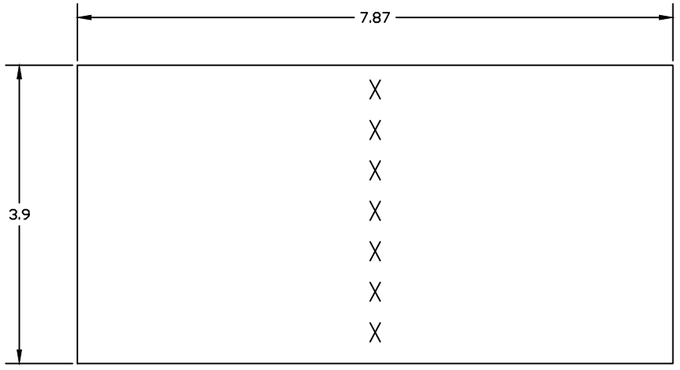
TYPE 7
FOR MISCELLANEOUS EQUIPMENT NAMEPLATE

CHARACTER: HEIGHT 0.1875" (3/16")
MAXIMUM: 14 CHARACTERS
4 ROWS
MATERIAL: WHITE SURFACE
BLACK CORE
(WITH ADHESIVE TAPE)



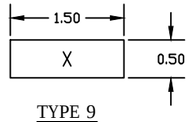
TYPE 8
FOR MISCELLANEOUS EQUIPMENT NAMEPLATE

CHARACTER: HEIGHT 0.1875" (3/16")
MAXIMUM: 14 CHARACTERS
5 ROWS
MATERIAL: WHITE SURFACE
BLACK CORE
(WITH ADHESIVE TAPE)



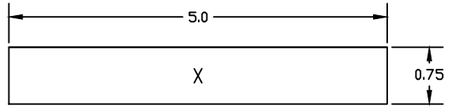
TYPE 6
CABINET LABEL

CHARACTER: HEIGHT 0.250" (1/4")
MAXIMUM: 26 CHARACTERS
7 ROWS
MATERIAL: WHITE SURFACE
BLACK CORE



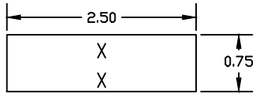
TYPE 9
FOR MISCELLANEOUS EQUIPMENT NAMEPLATE

CHARACTER: HEIGHT 0.1875" (3/16")
MAXIMUM: 8 CHARACTERS
1 ROWS
MATERIAL: WHITE SURFACE
BLACK CORE
(WITH ADHESIVE TAPE)



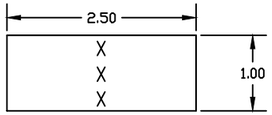
TYPE 10
FOR MISCELLANEOUS EQUIPMENT NAMEPLATE

CHARACTER: HEIGHT 0.1875" (3/16")
MAXIMUM: 29 CHARACTERS
1 ROWS
MATERIAL: WHITE SURFACE
BLACK CORE
(WITH ADHESIVE TAPE)



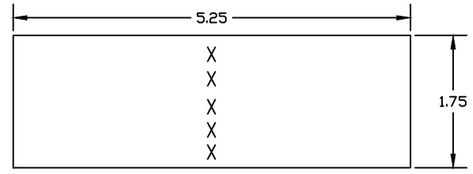
TYPE 11
FOR MISCELLANEOUS EQUIPMENT NAMEPLATE

CHARACTER: HEIGHT 0.1875" (3/16")
MAXIMUM: 14 CHARACTERS
2 ROWS
MATERIAL: WHITE SURFACE
BLACK CORE
(WITH ADHESIVE TAPE)



TYPE 12
FOR MISCELLANEOUS EQUIPMENT NAMEPLATE

CHARACTER: HEIGHT 0.1875" (3/16")
MAXIMUM: 14 CHARACTERS
3 ROWS
MATERIAL: RED SURFACE
WHITE CORE
(WITH ADHESIVE TAPE)



TYPE 13
FOR MISCELLANEOUS EQUIPMENT NAMEPLATE

CHARACTER: HEIGHT 0.1875" (3/16")
MAXIMUM: 30 CHARACTERS
5 ROWS
MATERIAL: WHITE SURFACE
BLACK CORE
(WITH ADHESIVE TAPE)

DATE	BY	APPROVAL
10-12-18	MZ	DESIGN REVIEW
		FOR MANUFACTURING
01-14-19	MZ	AS SHIPPED
		AS COMMISSIONED

REV.	DATE	BY	ECN/CR. NO.
A	10-12-18	SP	IFA
B	01-14-19	SP	AS SHIPPED

Rockwell Automation

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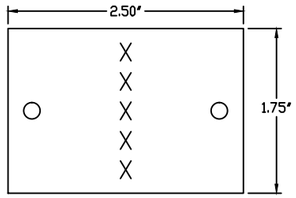
XTD- POKER LAKE COMPRESSOR STATION
EXTERRAN COMPRESSOR PANEL
ENGRAVE NOTES

Drawn by: SP Date: 08-06-18

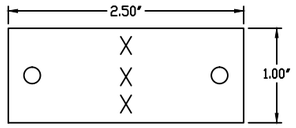
Sheet 04 Of 06 Next Sh 05

Size B | P1US210243-04-00000 | Ver B



CHARACTER: HEIGHT 0.1875" (3/16")
MAXIMUM: 14 CHARACTERS
5 ROWS
MATERIAL: WHITE SURFACE
BLACK CORE
(WITH ADHESIVE TAPE)

TYPE 14
CAUTION LABEL

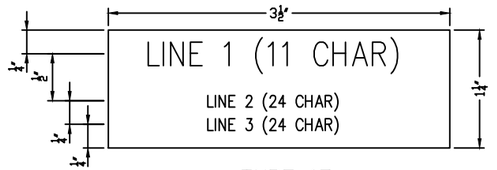


CHARACTER: HEIGHT 0.1875" (3/16")
MAXIMUM: 14 CHARACTERS
3 ROWS
MATERIAL: WHITE SURFACE
BLACK CORE
(WITH ADHESIVE TAPE)

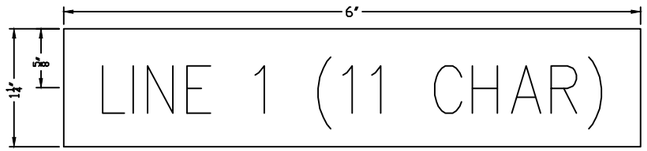
TYPE 15
CAUTION LABEL

TYPE 16
CABINET LABEL

CHARACTER: HEIGHT 0.50" (1/2")
MAXIMUM: 16 CHARACTERS
3 ROWS
MATERIAL: WHITE SURFACE
BLACK CORE



TYPE 17
RED WITH WHITE LETTERS
(LINE 1 - 1/4" LETTERS)
(LINE 2/3 - 1/8" LETTERS)



TYPE 18
RED WITH WHITE LETTERS (1/2")

LABEL TYPES REQUIRED FOR PANEL

LABEL TYPE	PURPOSE
6	CABINET MAIN NAME PLATE
5	TAG CARRIER
2	MISCELLANEOUS COMPONENTS

DATE	BY	APPROVAL
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		FOR MANUFACTURING
01-14-19	MZ	AS SHIPPED
		AS COMMISSIONED

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XTO- POKER LAKE COMPRESSOR STATION
EXTERRAN COMPRESSOR PANEL
ENGRAVE NOTES

Drawn by: SP | Date: 08-06-18

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Panel #	Exterran Project Numbers	Exterran PO #	Rockwell Automation Proposal #
1	US-123130	5985250	QXSVN0041A REV 2
2	US-123131	5985250	QXSVN0041A REV 2
3	US-123132	5985250	QXSVN0041A REV 2
4	US-123133	5985249	QXSVN0041A REV 2
5	US-123134	5985249	QXSVN0041A REV 2
6	US-123135	5985249	QXSVN0041A REV 2
7	US-123192	5988625	QXSVN0041A REV 2
8	US-123193	5988625	QXSVN0041A REV 2
9	US-123194	5988625	QXSVN0041A REV 2
10	US-123195	5988629	QXSVN0041A REV 2
11	US-123196	5988629	QXSVN0041A REV 2
12	US-123197	5988629	QXSVN0041A REV 2
13	US-123198	5988630	QXSVN0041A REV 2
14	US-123199	5988630	QXSVN0041A REV 2
15	US-123200	5988630	QXSVN0041A REV 2
16	US-123201	5988709	QXSVN0041A REV 2
17	US-123202	5988709	QXSVN0041A REV 2
18	US-123203	5988709	QXSVN0041A REV 2
19	US-123242	5994242	30021668.1 REV 3
20	US-123243	5994961	30021668.1 REV 3
21	US-123244	5994961	30021668.1 REV 3
22	US-123245	5994961	30021668.1 REV 3
23	US-123246	5994961	30021668.1 REV 3
24	US-123247	5994961	30021668.1 REV 3

Panel #	Exterran Project Numbers	Exterran PO #	Rockwell Automation Proposal #
25	US-123248	5994962	30021668.1 REV 3
26	US-123249	5994962	30021668.1 REV 3
27	US-123250	5994962	30021668.1 REV 3
28	US-123251	5994962	30021668.1 REV 3
29	US-123252	5994962	30021668.1 REV 3
30	US-123253	5994967	30021668.1 REV 3
31	US-123254	5994967	30021668.1 REV 3
32	US-123255	5994967	30021668.1 REV 3
33	US-123256	5994967	30021668.1 REV 3
34	US-123257	5994967	30021668.1 REV 3
35	US-123258	5994242	30021668.1 REV 3
36	US-123259	5994968	30021668.1 REV 3
37	US-123260	5994968	30021668.1 REV 3
38	US-123261	5994968	30021668.1 REV 3
39	US-123262	5994968	30021668.1 REV 3
40	US-123263	5994968	30021668.1 REV 3
41	US-123264	5994969	30021668.1 REV 3
42	US-123265	5994969	30021668.1 REV 3
43	US-123266	5994969	30021668.1 REV 3
44	US-123267	5994969	30021668.1 REV 3
45	US-123268	5994969	30021668.1 REV 3
46	US-123269	5994247	30021668.1 REV 3
47	US-123270	5994247	30021668.1 REV 3
48	US-123271	5994247	30021668.1 REV 3
49	US-123272	5994247	30021668.1 REV 3

Panel Tag Identification

Compressor Control Panel

Exterran Ref: US-123XXX

Rockwell Automation
Project: P1US210243

DATE	BY	APPROVAL
10-12-18	MZ	DESIGN REVIEW
		FOR MANUFACTURING
01-14-19	MZ	AS SHIPPED
		AS COMMISSIONED

REV.	DATE	BY	ECN/CR. NO.
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B	01-14-19	SP	AS SHIPPED

Rockwell Automation

XTO- POKER LAKE COMPRESSOR STATION
EXTERRAN COMPRESSOR PANEL
ENGRAVE NOTES

Drawn by: SP | Date: 08-06-18

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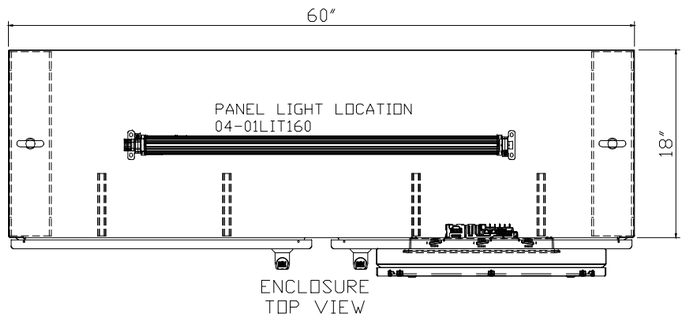
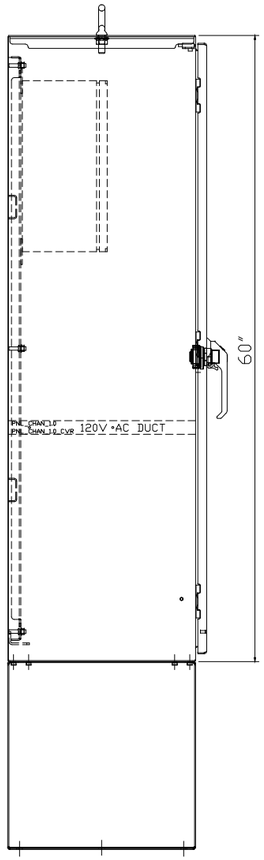
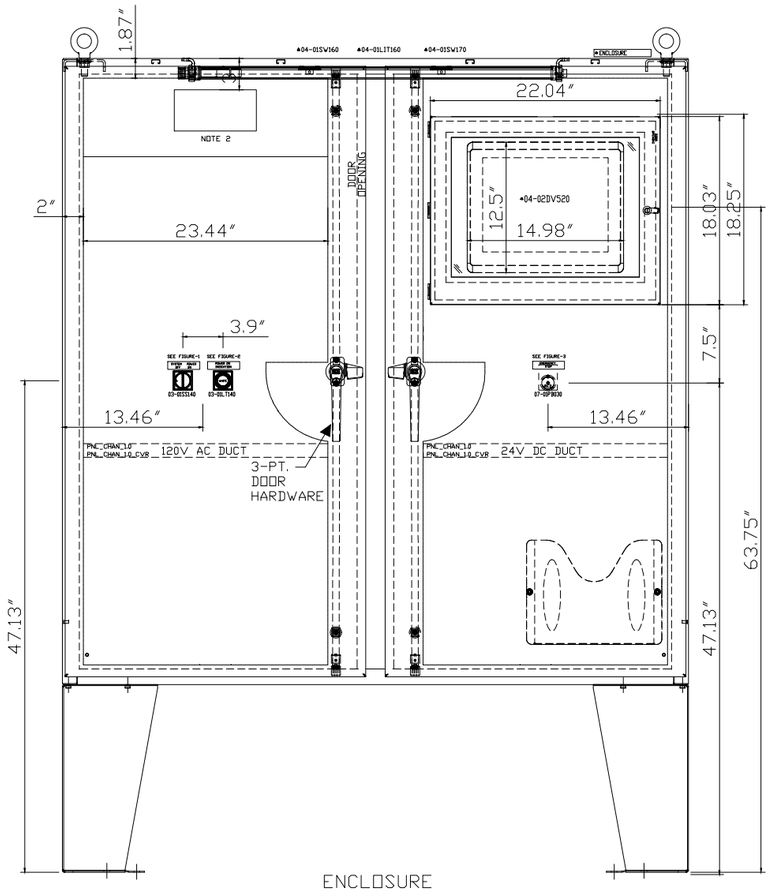


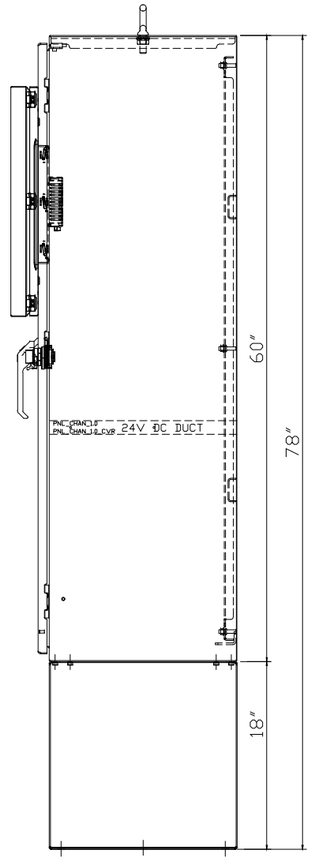
ENCLOSURE
TOP VIEW



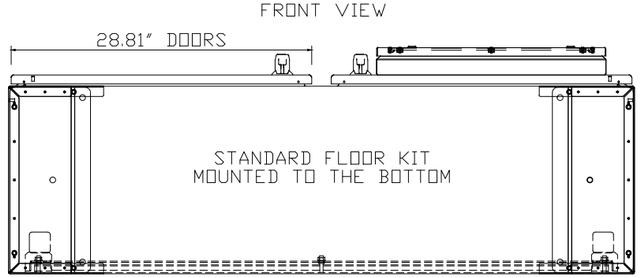
ENCLOSURE
LEFT SIDE VIEW



ENCLOSURE
FRONT VIEW



ENCLOSURE
RIGHT SIDE VIEW



ENCLOSURE
BOTTOM VIEW

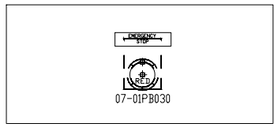


FIGURE-3

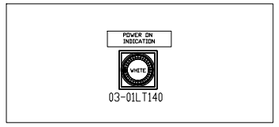


FIGURE-2

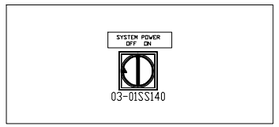


FIGURE-1

DATE	BY	APPROVAL
10-12-18	MZ	DESIGN REVIEW
		FOR MANUFACTURING
01-14-19	MZ	AS SHIPPED
		AS COMMISSIONED

NOTES:
1. ALL DIMENSIONS ARE IN INCHES.
2. SEE DRAWING 04-00000-06 FOR LABEL DETAILS
3. DOOR TO BE ELECTRICALLY BONDED TO THE MAIN CABINET WITH 14AWG GRN/YEL WIRE.

REV.	DATE	BY	ECN/CR. NO.
A	10-12-18	SP	IFA
B	01-14-19	SP	AS SHIPPED

Rockwell Automation

XTO- POKER LAKE COMPRESSOR STATION
EXTERRAN COMPRESSOR PANEL
EXTERNAL LAYOUT

Drawn by: SP | Date: 08-06-18

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Sheet 01 Of 03 Next Sh 02

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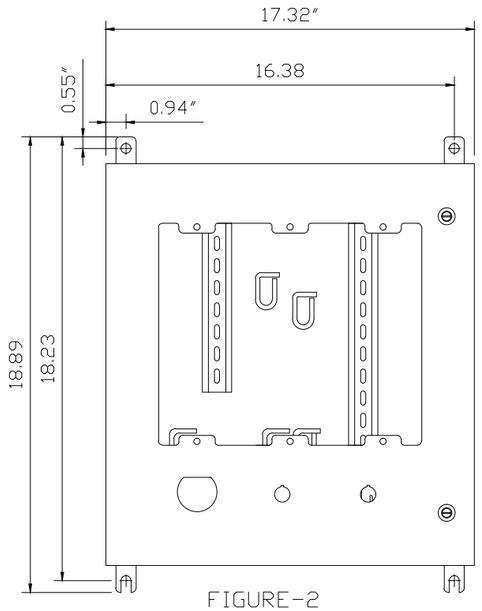
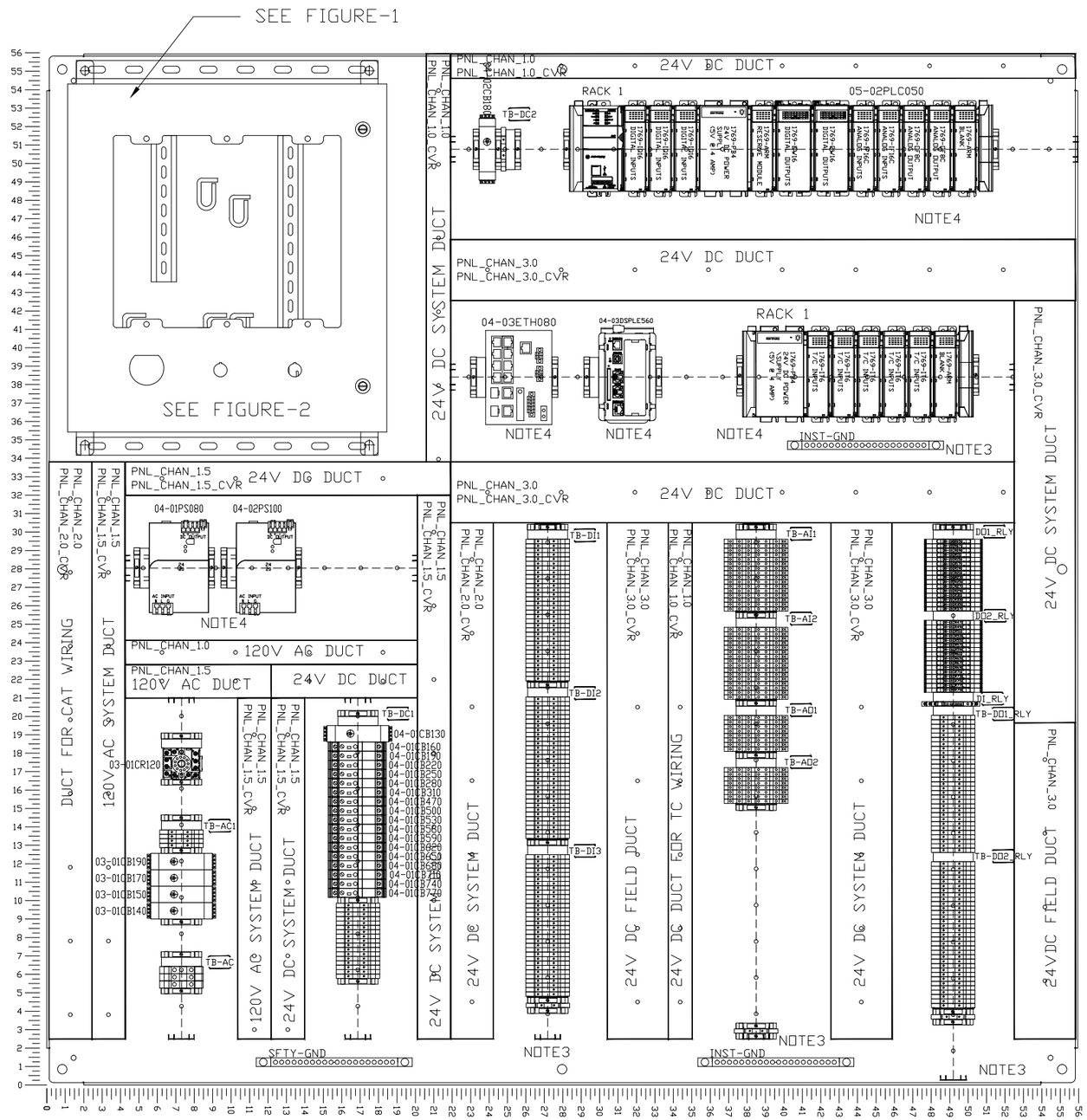


FIGURE-2



FRONT PANEL INTERNAL LAYOUT

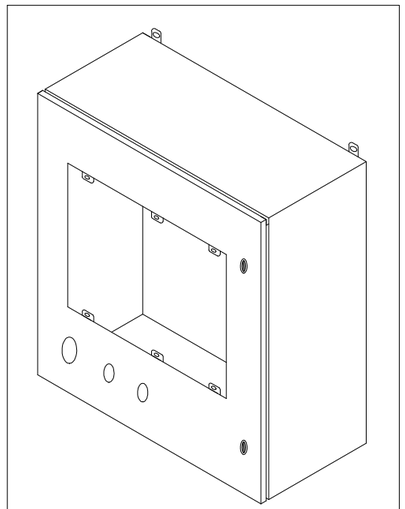


FIGURE-1

DATE	BY	APPROVAL
10-12-18	MZ	DESIGN REVIEW
		FOR MANUFACTURING
01-14-19	MZ	AS SHIPPED
		AS COMMISSIONED

NOTES:
1. REFER TO SHEET 00-03 FOR LABEL DETAILS AND GENERAL NOTES.
2. CABLE ENTRY IS FROM THE BOTTOM VIA GLAND PLATE.
3. DIN RAILS FOR FIELD TERMINALS AND INSTRUMENT GROUND BAR MOUNTED ON ISOLATED STAND OFFS.
4. DIN RAIL DOES NOT REQUIRE STAND OFFS.

REV.	DATE	BY	ECN/CR. NO.
A	10-12-18	SP	IFA
B	01-14-19	SP	AS SHIPPED

Rockwell Automation

XTO- POKER LAKE COMPRESSOR STATION
EXTERRAN COMPRESSOR PANEL
INTERNAL LAYOUT

Drawn by: SP | Date: 08-06-18

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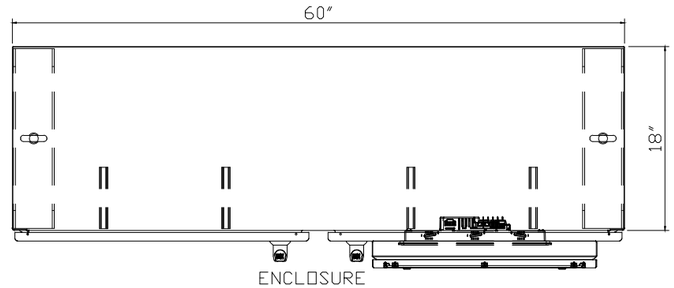
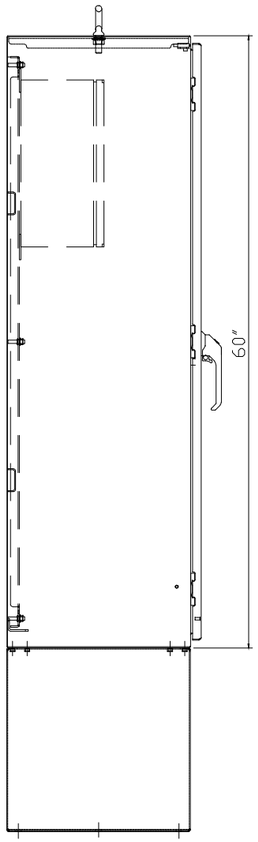
Sheet 02 Of 03 Next Sh 03

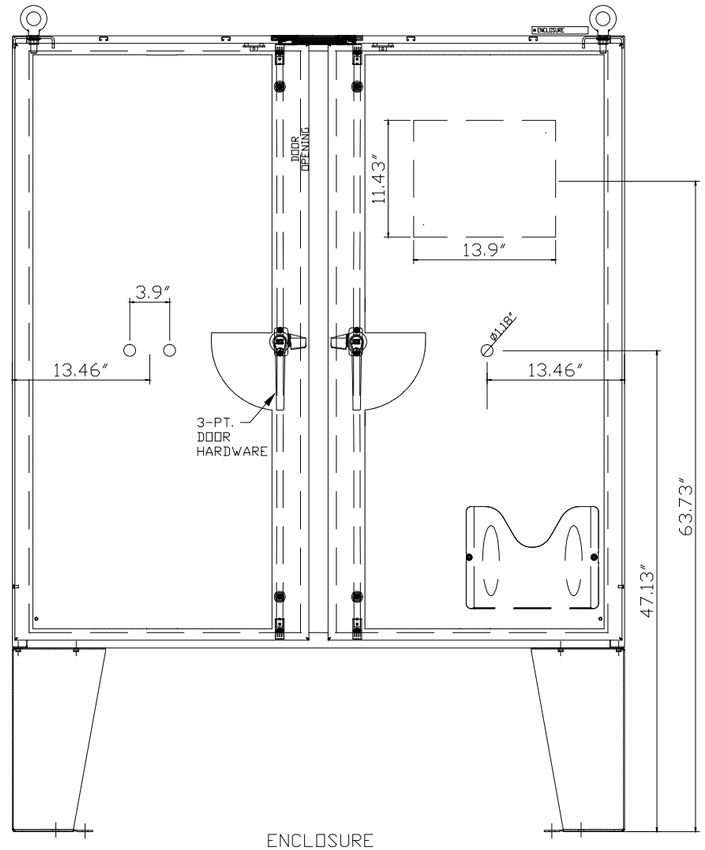
Size B | P1US210243-04-01001 | Ver B



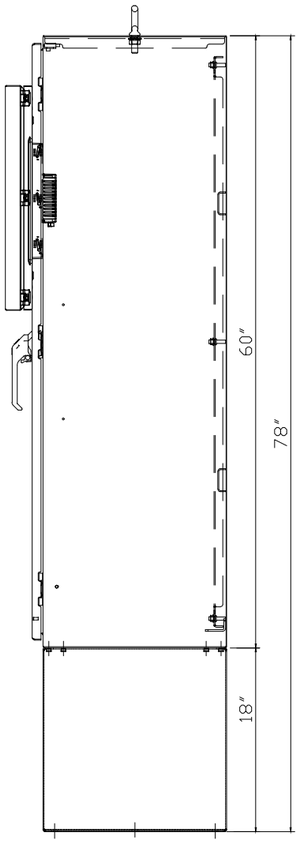
ENCLOSURE
TOP VIEW



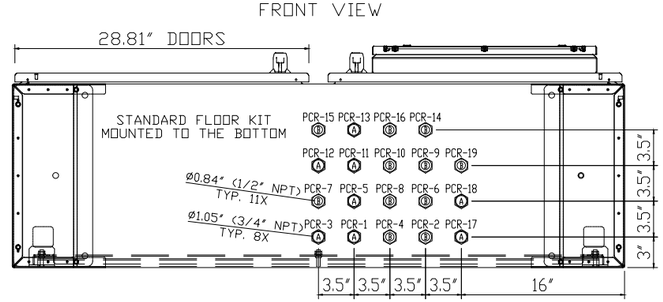
ENCLOSURE
LEFT SIDE VIEW



ENCLOSURE
FRONT VIEW



ENCLOSURE
RIGHT SIDE VIEW



ENCLOSURE
BOTTOM VIEW

DATE	BY	APPROVAL
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		FOR MANUFACTURING
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XTO- POKER LAKE COMPRESSOR STATION
EXTERRAN COMPRESSOR PANEL
CUTOUT DETAILS

Drawn by: SP | Date: 08-06-18

Sheet 03 Of 03 Next Sh 02-01

Size B | P1US210243-04-01001 | Ver B

TAGS	QTY	SUB	CATALOG	MFG	DESC1	DESC2	DESC3
07-01PB030	1	*1	800G-MPE	AB	EMERGENCY STOP PUSH BUTTON		
		*1	800G-XLSN	AB			
		*1	800G-ALGB	AB			
03-01LT140	1	*1	800G-P1	AB	WHITE PILOT LIGHT MODULE		
		*1	800G-DLSW	AB			
03-01SS140	1	*1	800G-SM2	AB	2 POSITION,ATEX ZONE 2		
		*1	800G-XSLM	AB			
DO2_RLY	1	*1	1492-GM35	AB			
		*16	PLC-RSC- 24DC/21/C1D2-5603154	PHOENIX			
03-01CR120	1	*1	1492-GM35	AB			
		*2	1492-EAJ35	AB			
		*1	HGPRS-P3C10D	MAYER ELECTRIC			
		*1	GPRA-SP11G1	MAYER ELECTRIC			
DI_RLY	1	*1	1492-GM35	AB			
		*1	PLC-RSC- 24DC/21/C1D2-5603154	PHOENIX			
TB-DC2	1	*1	1492-GM35	AB			
		*3	1492-EAJ35	AB			
		*1	1492-J10	AB			
		*1	1492-EBJ3	AB			
DO1_RLY	1	*1	1492-GM35	AB			
		*16	PLC-RSC- 24DC/21/C1D2-5603154	PHOENIX			
		*2	1492-EAJ35	AB			
TB-AO1 TB-AO2	2	*1	1492-GM35	AB			
		*8	1492-JT3M	AB			
		*1	1492-EBJ3TM	AB			
		*1	1492-EAJ35	AB			
TB-AI1 TB-AI2	2	*1	1492-GM35	AB			
		*16	1492-JT3M	AB			
		*1	1492-EBJ3TM	AB			
		*2	1492-EAJ35	AB			
TB-DI2 TB-DI3 TB-DO2_RLY	3	*1	1492-GM35	AB			
		*32	1492-J4	AB			
		*1	1492-EBJ3	AB			
TB-DI1 TB-DO1_RLY	2	*1	1492-GM35	AB			
		*32	1492-J4	AB			
		*1	1492-EBJ3	AB			
		*1	1492-EAJ35	AB			
TB-DC1	1	*1	1492-GM35	AB			
		*3	1492-EAJ35	AB			
		*17	1492-J4	AB			
		*1	1492-CJJ6-10	AB			
		*1	6720005315	WEIDMULLER			
		*1	1492-EBJ3	AB			
TB-AC1	1	*1	1492-GM35	AB			
		*3	1492-EAJ35	AB			
		*4	1492-J4	AB			
		*1	1492-CJLJ6-10	AB			
		*1	1492-EBJ3	AB			
TB-AC	1	*1	1492-GM35	AB			
		*2	1492-EAJ35	AB			
		*2	1492-J10	AB			
		*1	1492-JG10	AB			
		*1	1492-EBJ3	AB			
DI RAIL AI RAIL DO RAIL	3	*1	1492-JG4	AB			
		*2	1492-EAJ35	AB			
04-01PS080 04-02PS100	2	*1	1606-XLS480E	AB	POWER POWER	SUPPLY SUPPLY	
		*1	1492-GM35	AB			
		*2	1492-EAJ35	AB			
09-03PLC470	2	*1	1769-ARM	AB			
		*1	1769-ECR	AB			
06-01PLC460	1		1769-ARM	AB			
05-01PLC050 05-02PLC050	2		1769-IF16C	AB			
07-01PLC040 07-01PLC460 07-02PLC040	3		1769-IQ16	AB			
09-01PLC050 09-01PLC470 09-02PLC050 09-03PLC050	5		1769-IT6	AB			
RACK 1	1	*1	1769-L36ERM	AB			
		*1	1769-ECL	AB			
06-01PLC040	1		1769-OF8C	AB			
08-01PLC030 08-01PLC450	2		1769-OW16	AB			
	1	*1	1769-PB4	AB			
		*1	1769-ECL	AB			
	1		1769-PB4	AB			
04-03ETH080	1	*1	1783-BMS10CGN	AB	STRATIX-5700 ETHERNET SWITCH		
		*2	1783-SFP100FX	AB			
		*1	1492-GM35	AB			
		*2	1492-EAJ35	AB			
04-02DV520	1	*1	2711P-T15C22D9P	AB	PANEL VIEW		
		*1	SCE-HWK1822	SAGINAW			
INST-GND SFTY-GND	3		EB20	HOFFMAN			
04-01LIT160	1		LEDHL24V36	HOFFMAN	PANEL LIGHT	24VDC	
04-01SW160 04-01SW170	2		LEDHLSWITCH	HOFFMAN			
03-01CB140	1		2907192	PHOENIX	HYDRAULIC	CIRCUIT BREAKER	
03-01CB190	1		2907193	PHOENIX	HYDRAULIC	CIRCUIT BREAKER	
03-01CB150 03-01CB170	2		2907195	PHOENIX	HYDRAULIC HYDRAULIC	CIRCUIT BREAKER CIRCUIT BREAKER	
04-01CB130 04-02CB180	2		2907199	PHOENIX	HYDRAULIC HYDRAULIC	CIRCUIT BREAKER CIRCUIT BREAKER	
ENCLOSURE	2	*1	SCE-60EL6018LPPL	SAGINAW			
		*1	SCE-60P60	SAGINAW			
		*1	SCE-FK1818	SAGINAW			
		*4	P2379-2-EG	UNISTRUT			
		*2	P1000T-PG	UNISTRUT			
04-01CB160 04-01CB280 04-01CB470 04-01CB500 04-01CB530 04-01CB620 04-01CB650 04-01CB680 04-01CB710 04-01CB740 04-01CB770	11		6720005302	WEIDMULLER	ELECTRONIC ELECTRONIC ELECTRONIC ELECTRONIC ELECTRONIC ELECTRONIC ELECTRONIC ELECTRONIC ELECTRONIC ELECTRONIC ELECTRONIC	CIRCUIT BREAKER CIRCUIT BREAKER CIRCUIT BREAKER CIRCUIT BREAKER CIRCUIT BREAKER CIRCUIT BREAKER CIRCUIT BREAKER CIRCUIT BREAKER CIRCUIT BREAKER CIRCUIT BREAKER CIRCUIT BREAKER	
04-01CB190 04-01CB220 04-01CB310	3		6720005303	WEIDMULLER	ELECTRONIC ELECTRONIC ELECTRONIC	CIRCUIT BREAKER CIRCUIT BREAKER CIRCUIT BREAKER	
04-01CB250 04-01CB560 04-01CB590	3		6720005304	WEIDMULLER	ELECTRONIC ELECTRONIC ELECTRONIC	CIRCUIT BREAKER CIRCUIT BREAKER CIRCUIT BREAKER	

DATE	BY	APPROVAL
10-12-18	MZ	DESIGN REVIEW
01-14-19	MZ	FOR MANUFACTURING
		AS SHIPPED
		AS COMMISSIONED

REV.	DATE	BY	ECN/CR NO.
A	10-12-18	SP	IFA
B	01-14-19	SP	AS SHIPPED

Rockwell Automation

XTO- POKER LAKE COMPRESSOR STATION
EXTERRAN COMPRESSOR PANEL
BILL OF MATERIAL

Drawn by: SP
Date: 08-06-18

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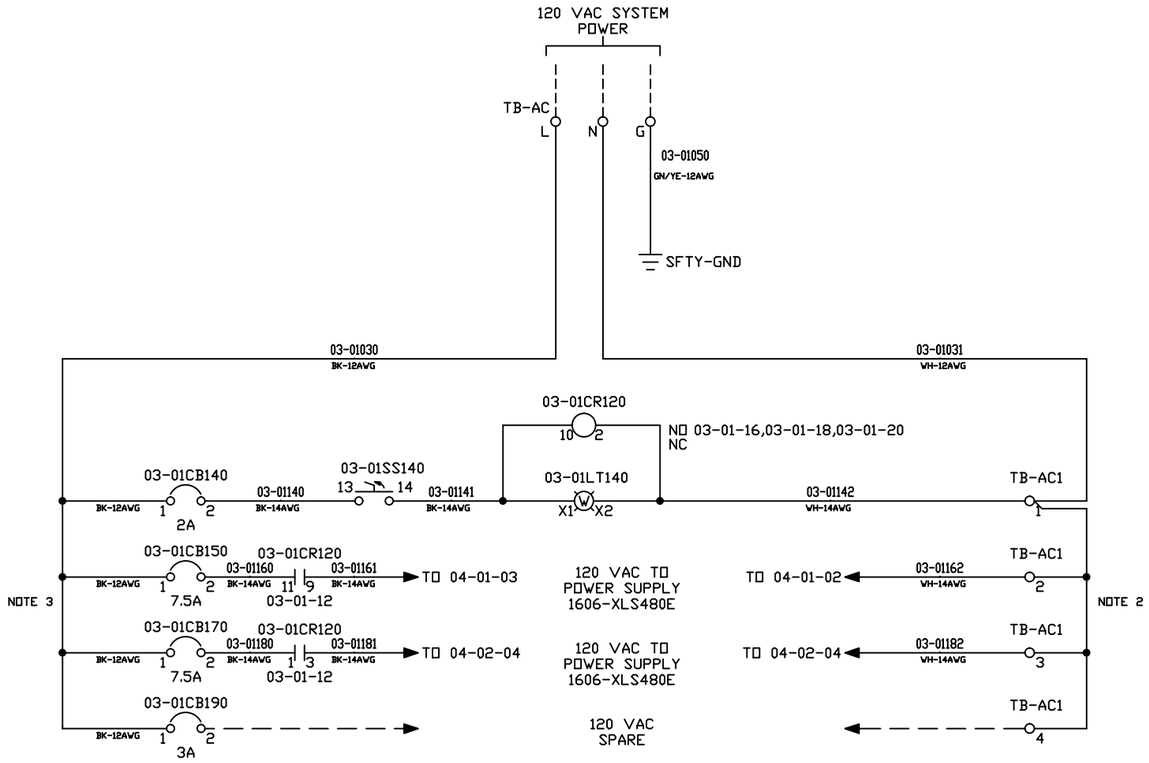
Size D | P1US210243-04-01002 | Ver B

Sheet 01 Of 01 Next Sh 03-01



DATE	BY	APPROVAL
10-12-18	MZ	DESIGN REVIEW
		FOR MANUFACTURING
01-14-19	MZ	AS SHIPPED
		AS COMMISSIONED

NOTES:
1. REFER TO SHEET 00-03 FOR DETAILED AND GENERAL NOTES.
2. USE TERMINAL JUMPER (1492-CJJ6-10)
3. USE 12AWG WIRED JUMPERS FOR AC CIRCUIT BREAKERS.

REV.	DATE	BY	ECN/CR. NO.
A	10-12-18	SP	IFA
B	01-14-19	SP	AS SHIPPED

Rockwell Automation

XTO- POKER LAKE COMPRESSOR STATION
EXTERRAN COMPRESSOR PANEL
120VAC POWER DISTRIBUTION

Drawn by: SP | Date: 08-06-18

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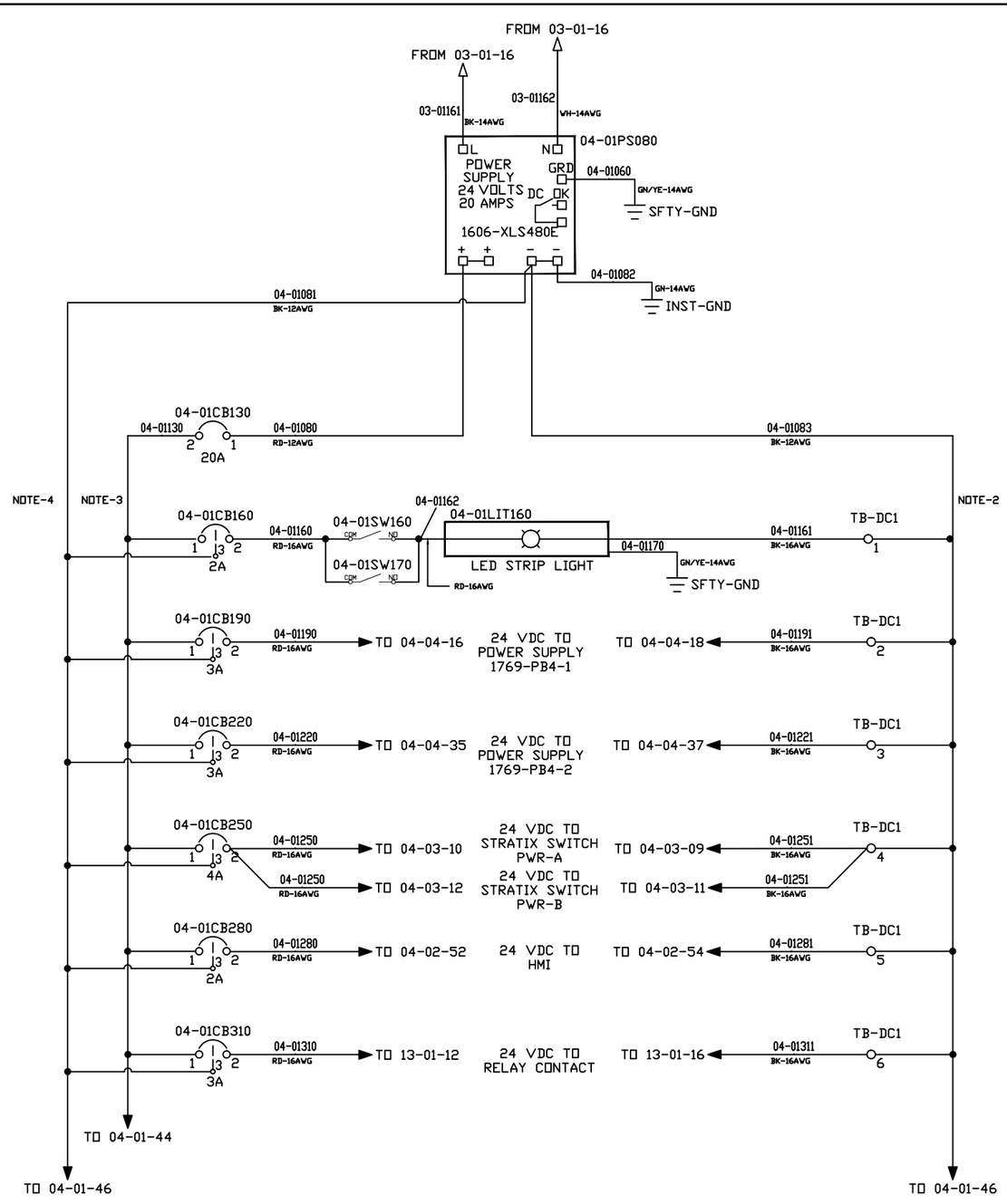
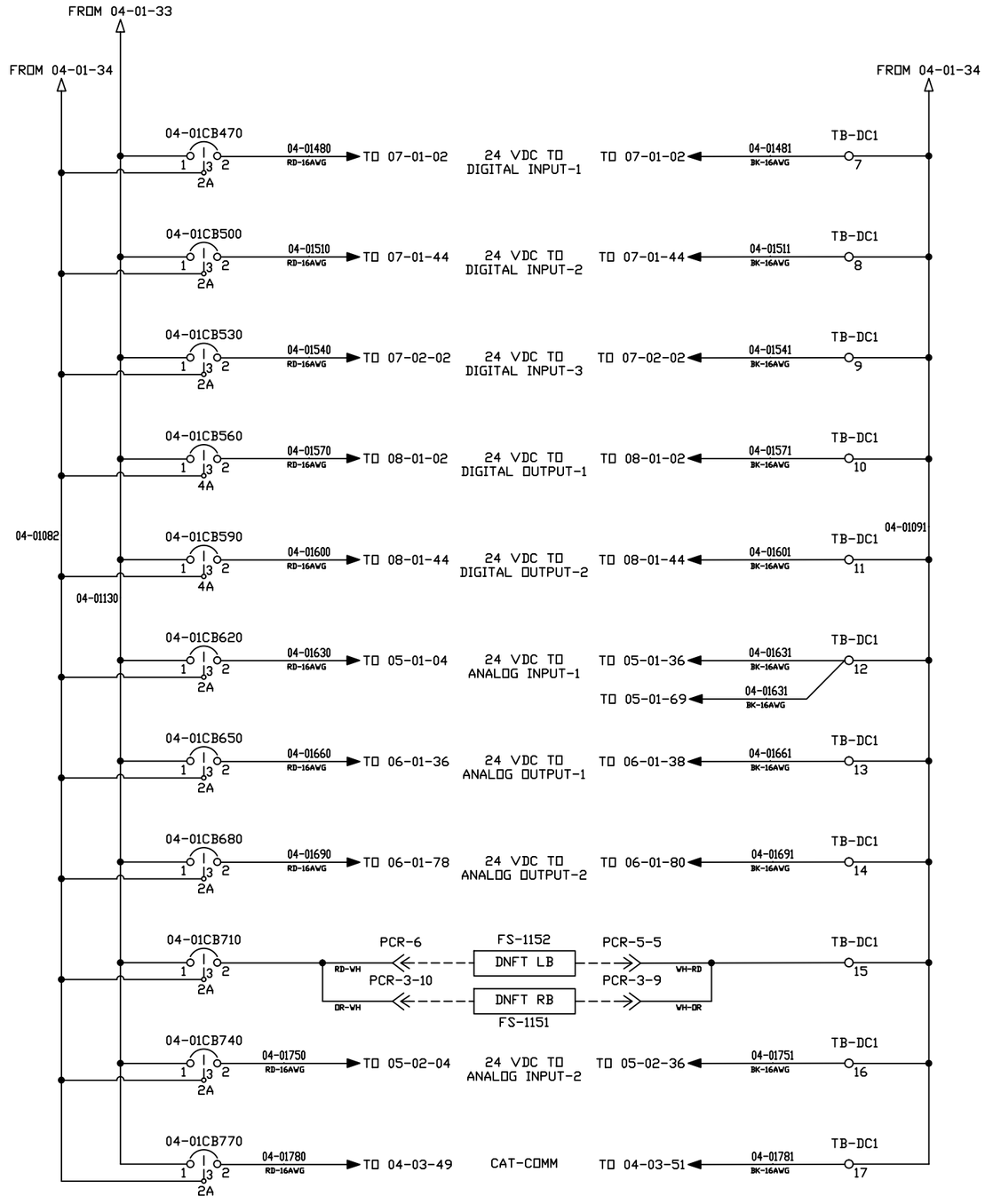
Sheet 01 Of 01 Next Sh 04-01

Size B | P1US210243-04-01003 | Ver B





DATE	BY	APPROVAL
10-12-18	MZ	DESIGN REVIEW
		FOR MANUFACTURING
01-14-19	MZ	AS SHIPPED
		AS COMMISSIONED

NOTES:
1. REFER TO SHEET 00-03 FOR DETAILED AND GENERAL NOTES.
2. USE TERMINAL JUMPER (1492-CJJ6-10)
3. USE MCB JUMPER 6720005317
4. USE MCB 0V BUSBAR JUMPER 6720005315

REV.	DATE	BY	ECN/CR. NO.
A	10-12-18	SP	IFA
B	01-14-19	SP	AS SHIPPED

Rockwell Automation

XTO- POKER LAKE COMPRESSOR STATION
EXTERRAN COMPRESSOR PANEL
24VDC POWER DISTRIBUTION

Drawn by: SP | Date: 08-06-18

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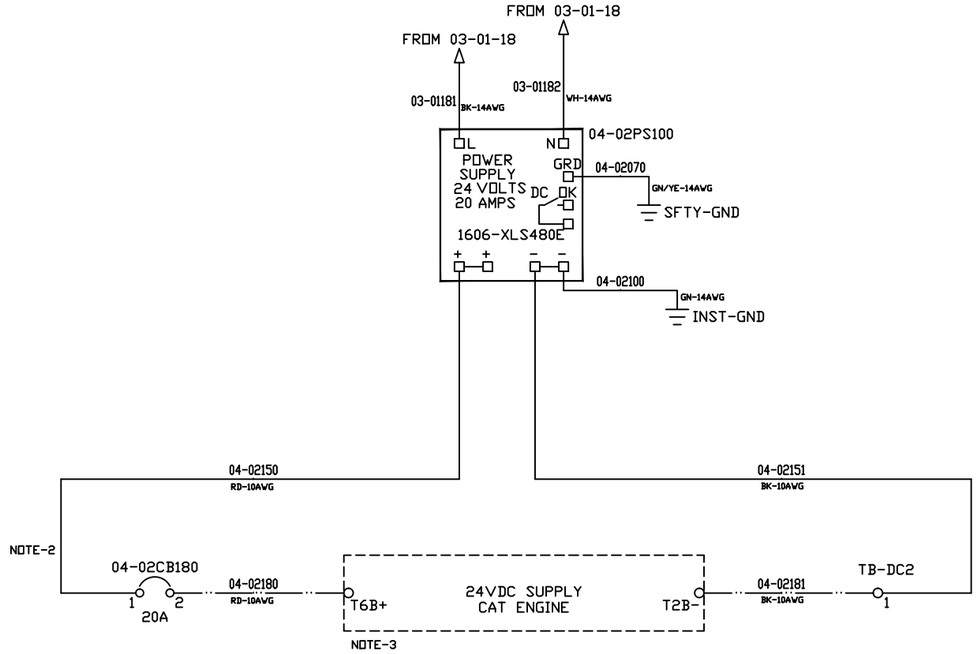
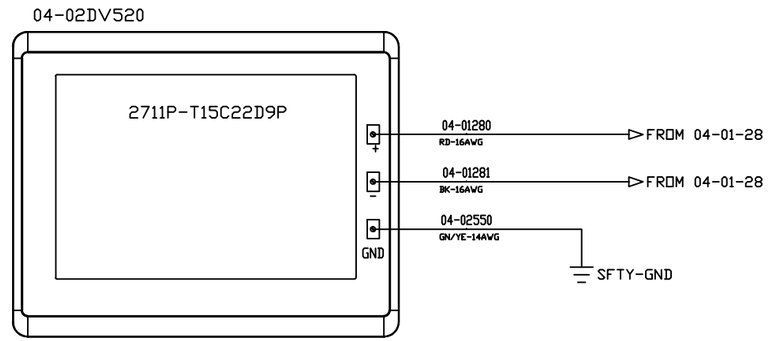
Sheet 01 Of 04 Next Sh 02

Size B | P1US210243-04-01004 | Ver B





DATE	BY	APPROVAL
10-12-18	MZ	DESIGN REVIEW
		FOR MANUFACTURING
01-14-19	MZ	AS SHIPPED
		AS COMMISSIONED

NOTES:
1. REFER TO SHEET 00-03 FOR DETAILED AND GENERAL NOTES.
2. USE MCB JUMPER 6720005317
3. SUPPLY TO CLIENT SUPPLIED CAT ENGINE MOUNTED IN THE ROCKWELL PANEL. WIRING IN CLIENT SCOPE.

REV.	DATE	BY	ECN/CR. NO.
A	10-12-18	SP	IFA
B	01-14-19	SP	AS SHIPPED

Rockwell Automation

XTO- POKER LAKE COMPRESSOR STATION
EXTERRAN COMPRESSOR PANEL
24VDC POWER DISTRIBUTION

Drawn by: SP Date: 08-06-18

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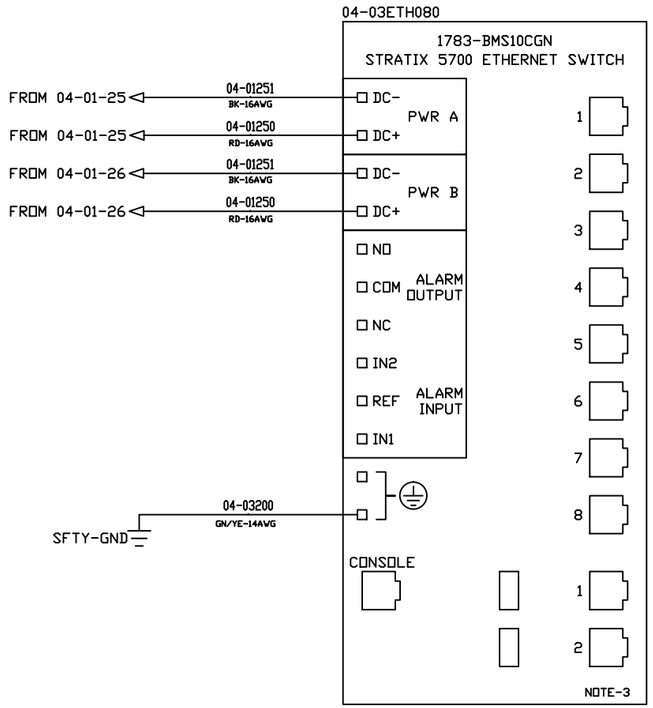
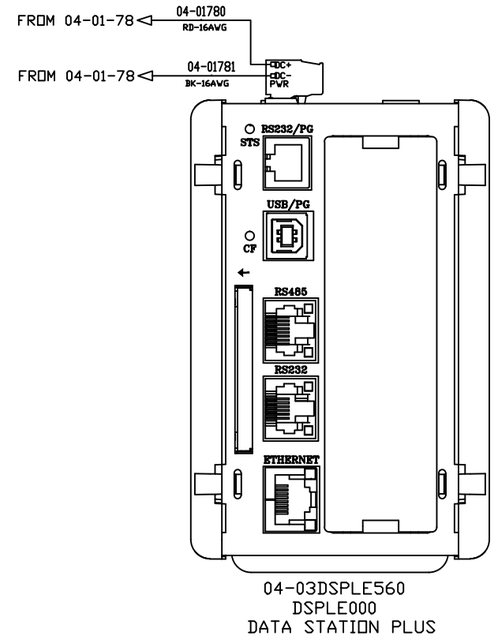
Sheet 02 Of 04 Next Sh 03

Size B | P1US210243-04-01004 | Ver B





04-03DSPLE560
DSPLE000
DATA STATION PLUS

DATE	BY	APPROVAL
10-12-18	MZ	DESIGN REVIEW
		FOR MANUFACTURING
01-14-19	MZ	AS SHIPPED
		AS COMMISSIONED

NOTES:
1. REFER TO SHEET 00-03 FOR DETAILED AND GENERAL NOTES.
2. USE MCB JUMPER 6720005317
3. GI1/1 & GI1/2 PORTS MUST HAVE SFP 1GB MODULE INSTALLED ON THE SWITCH.

REV.	DATE	BY	ECN/CR. NO.
A	10-12-18	SP	IFA
B	01-14-19	SP	AS SHIPPED

Rockwell Automation

XTO- POKER LAKE COMPRESSOR STATION
EXTERRAN COMPRESSOR PANEL
24VDC POWER DISTRIBUTION

Drawn by: SP | Date: 08-06-18

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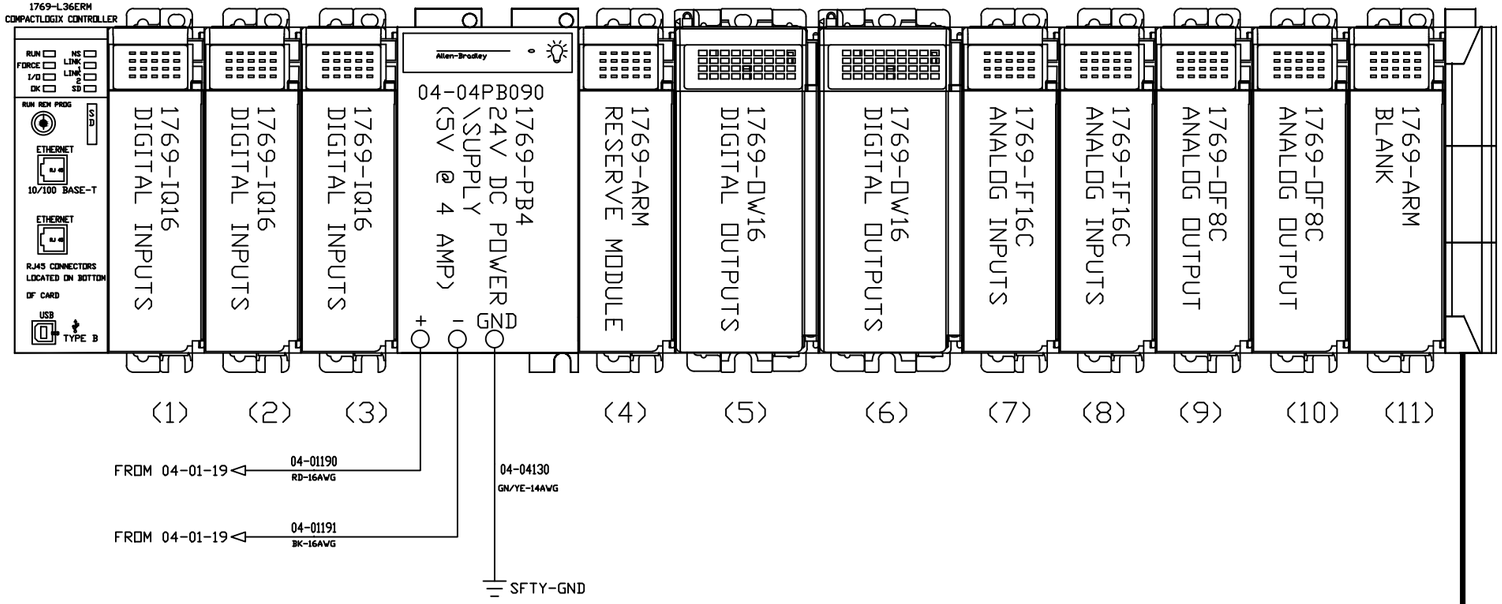
Sheet 03 Of 04 Next Sh 04

Size B | P1US210243-04-01004 | Ver B

RACK-1



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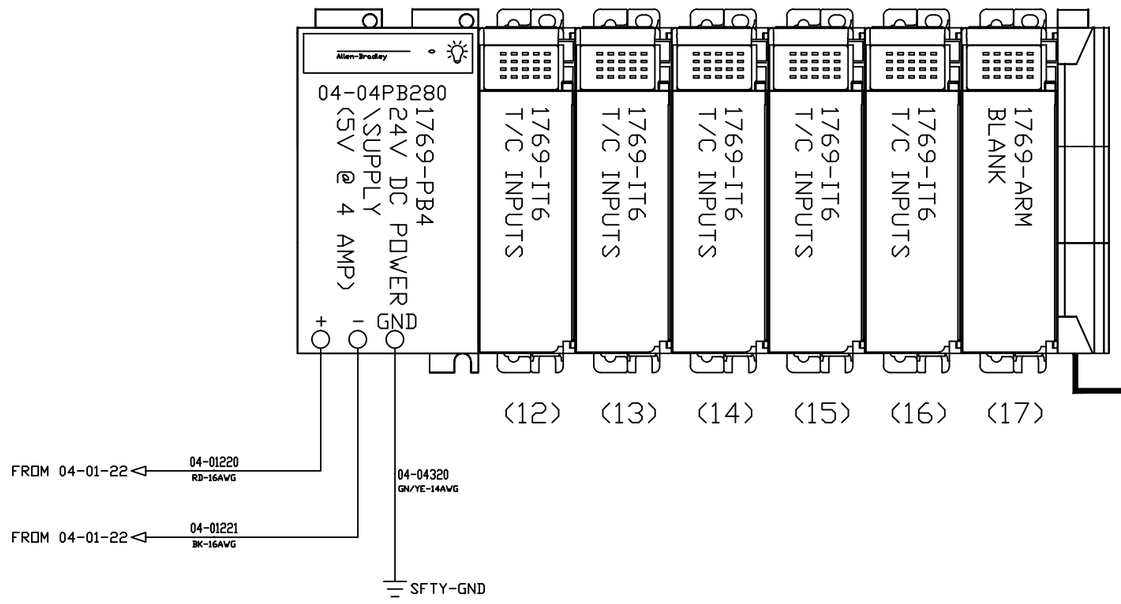

DATE	BY	APPROVAL
10-12-18	MZ	DESIGN REVIEW
		FOR MANUFACTURING
01-14-19	MZ	AS SHIPPED
		AS COMMISSIONED

NOTES:
1. REFER TO SHEET 00-03 FOR DETAILED AND GENERAL NOTES.

REV.	DATE	BY	ECN/CR. NO.
A	10-12-18	SP	IFA
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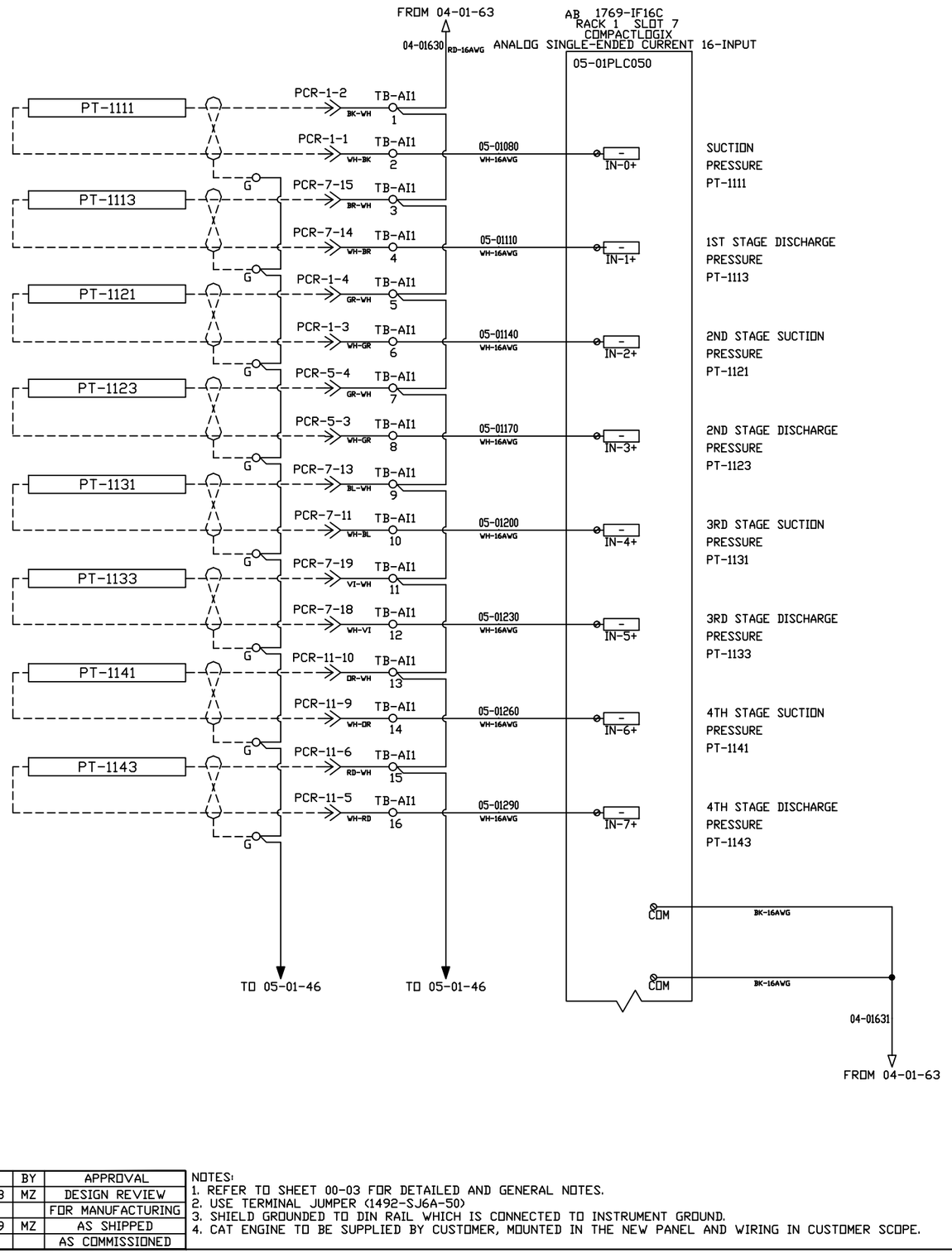
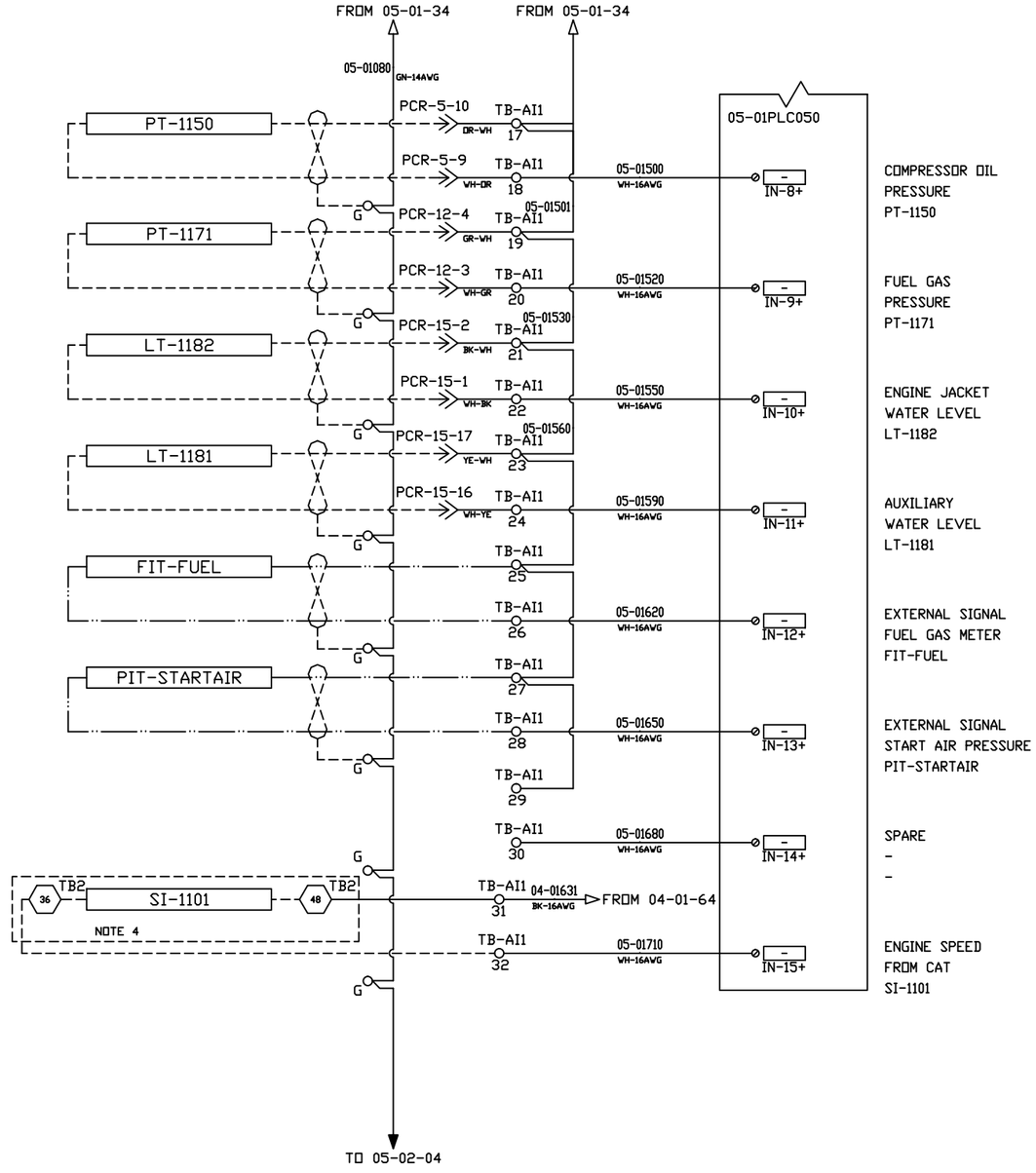
XTO- POKER LAKE COMPRESSOR STATION
EXTERRAN COMPRESSOR PANEL
PLC RACK OVERVIEW

Drawn by: SP Date: 08-06-18

Sheet 04 Of 04 Next Sh 05-01

Size B | P1US210243-04-01004 | Ver B





DATE	BY	APPROVAL
10-12-18	MZ	DESIGN REVIEW
		FOR MANUFACTURING
01-14-19	MZ	AS SHIPPED
		AS COMMISSIONED

NOTES:
1. REFER TO SHEET 00-03 FOR DETAILED AND GENERAL NOTES.
2. USE TERMINAL JUMPER (1492-SJ6A-50)
3. SHIELD GROUNDED TO DIN RAIL WHICH IS CONNECTED TO INSTRUMENT GROUND.
4. CAT ENGINE TO BE SUPPLIED BY CUSTOMER, MOUNTED IN THE NEW PANEL AND WIRING IN CUSTOMER SCOPE.

REV.	DATE	BY	ECN/CR. NO.
A	10-12-18	SP	IFA
B	01-14-19	SP	AS SHIPPED

Rockwell Automation

XTO- POKER LAKE COMPRESSOR STATION
EXTERRAN COMPRESSOR PANEL
ANALOG INPUT MODULE RACK 1 SLOT 7

Drawn by: SP | Date: 08-06-18

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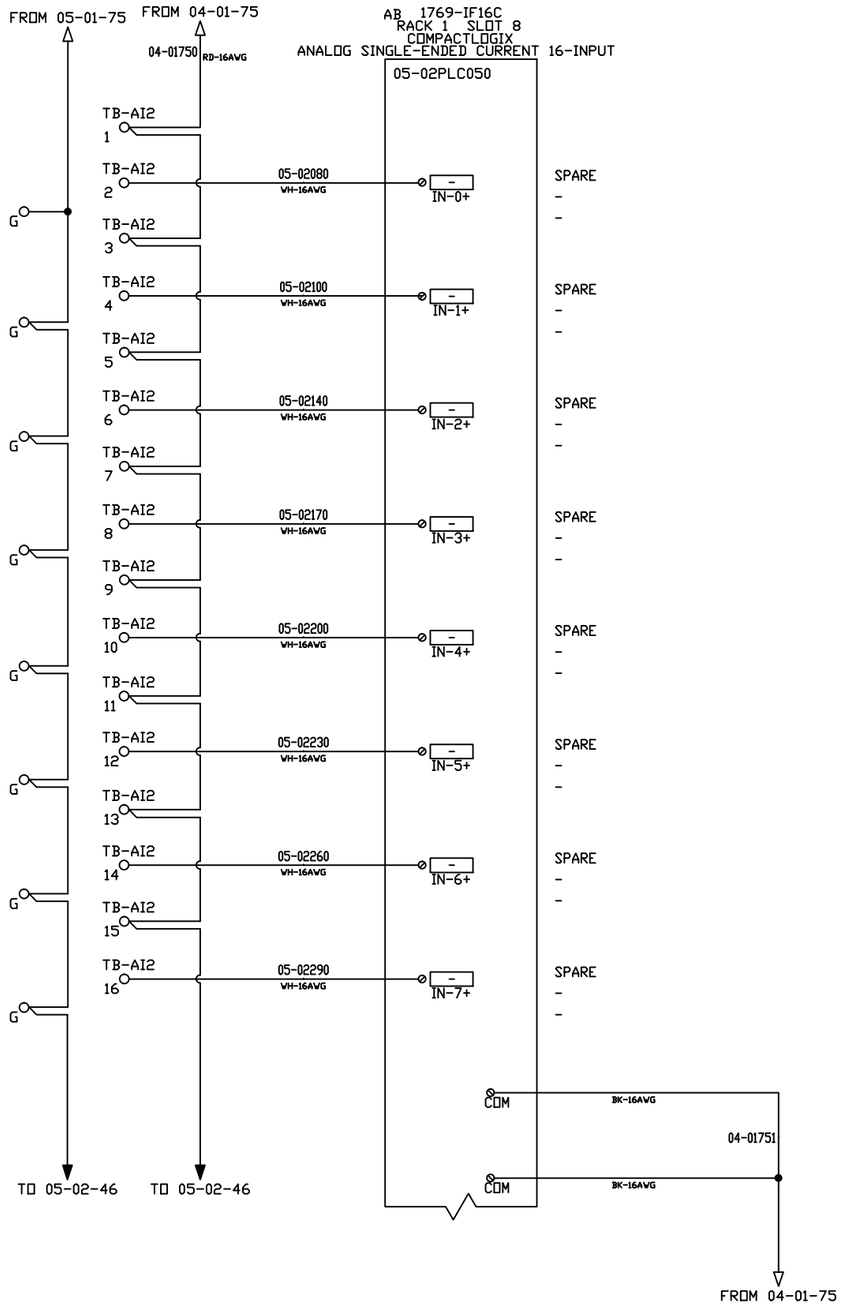
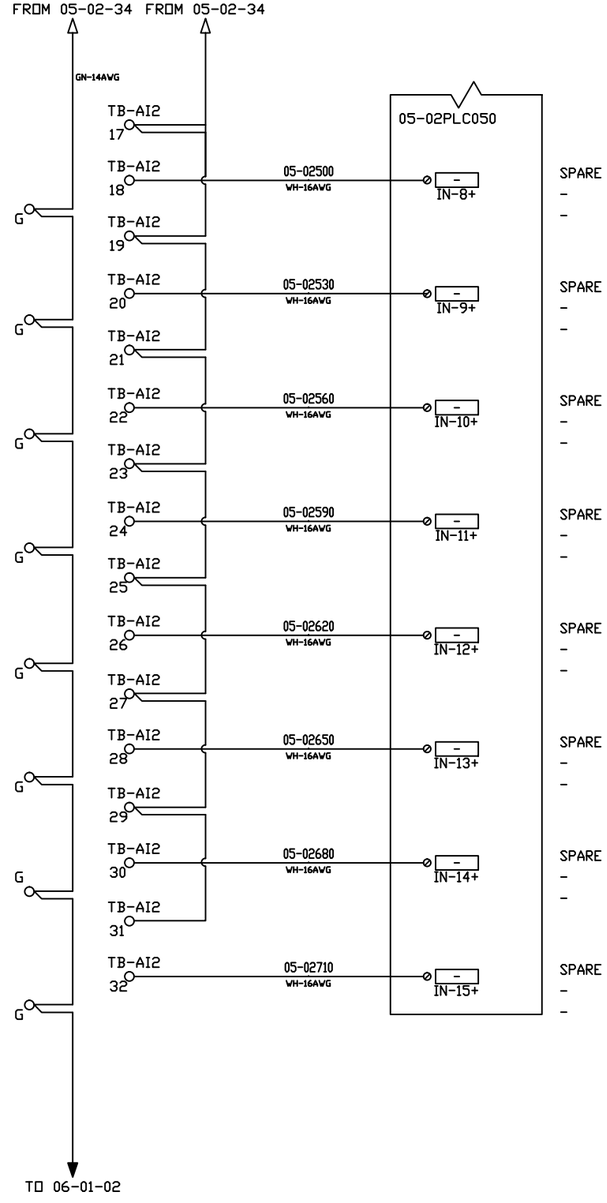
Sheet 01 Of 02 Next Sh 05-02

Size B | P1US210243-04-01005 | Ver B





DATE	BY	APPROVAL
10-12-18	MZ	DESIGN REVIEW
		FOR MANUFACTURING
01-14-19	MZ	AS SHIPPED
		AS COMMISSIONED

NOTES:
1. REFER TO SHEET 00-03 FOR DETAILED AND GENERAL NOTES.
2. USE TERMINAL JUMPER (1492-SJ6A-50)
3. SHIELD GROUNDED TO DIN RAIL WHICH IS CONNECTED TO INSTRUMENT GROUND.

REV.	DATE	BY	ECN/CR. NO.
A	10-12-18	SP	IFA
B	01-14-19	SP	AS SHIPPED

Rockwell Automation

XTO- POKER LAKE COMPRESSOR STATION
EXTERRAN COMPRESSOR PANEL
ANALOG INPUT MODULE RACK 1 SLOT 8

Drawn by: SP | Date: 08-06-18

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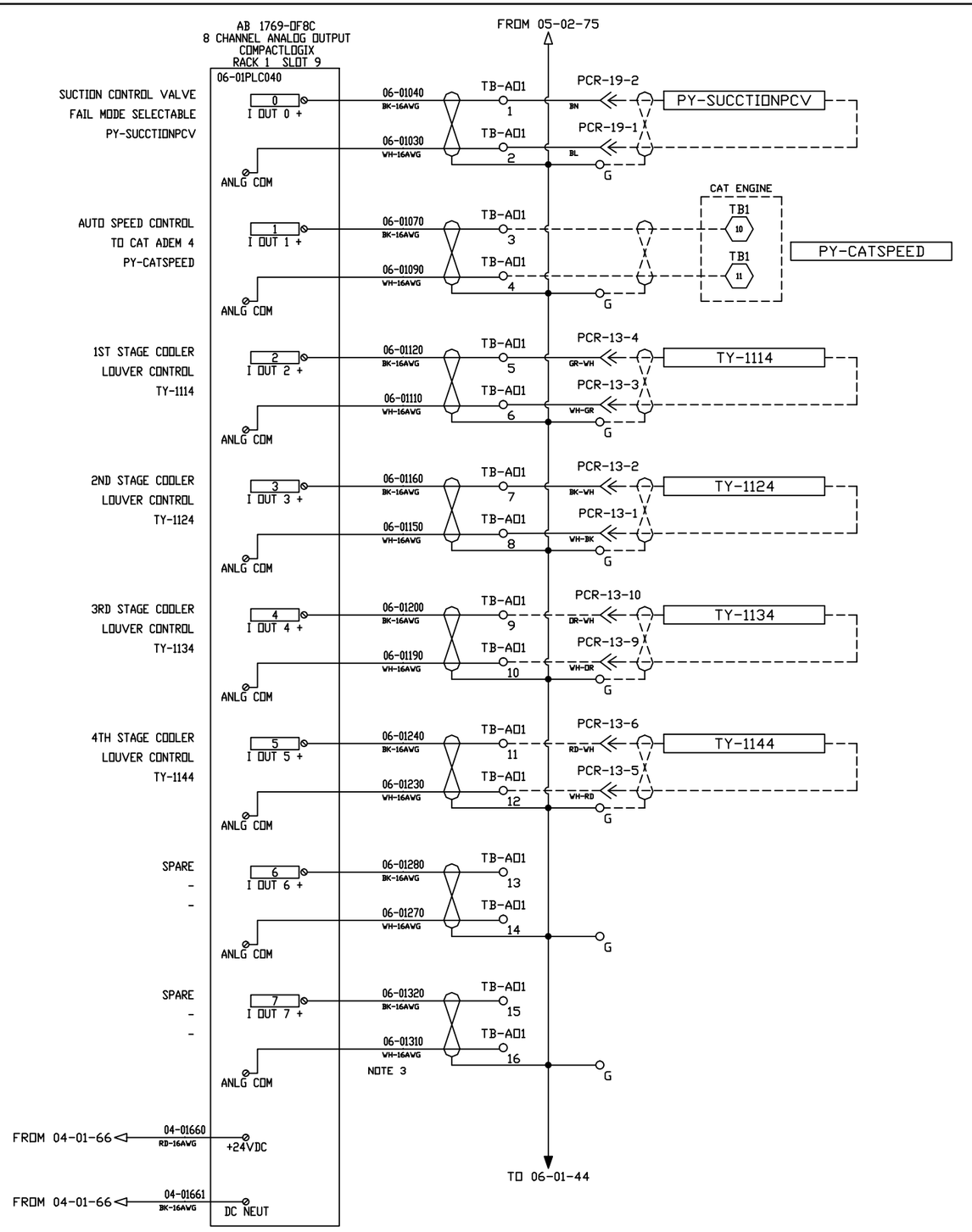
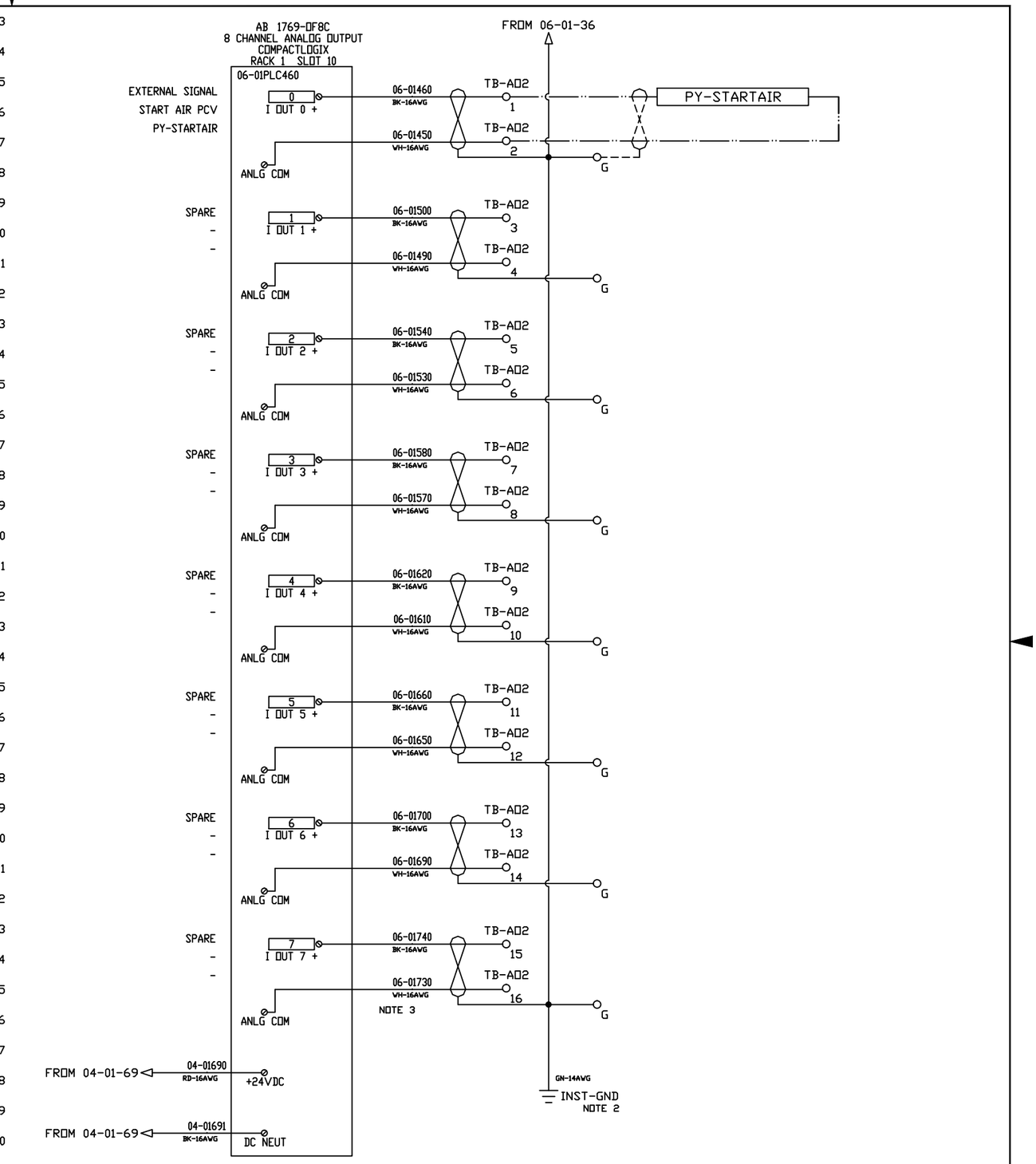
Sheet 02 Of 02 Next Sh 06-01

Size B | P1US210243-04-01005 | Ver B





DATE	BY	APPROVAL
10-12-18	MZ	DESIGN REVIEW
		FOR MANUFACTURING
01-14-19	MZ	AS SHIPPED
		AS COMMISSIONED

NOTES:
1. REFER TO SHEET 00-03 FOR DETAILED AND GENERAL NOTES.
2. SHIELD GROUNDED TO DIN RAIL WHICH IS CONNECTED TO INSTRUMENT GROUND.
3. SHIELDED TWISTED PAIR CABLE (BK/WT).

REV.	DATE	BY	ECN/CR. NO.
A	10-12-18	SP	IFA
B	01-14-19	SP	AS SHIPPED

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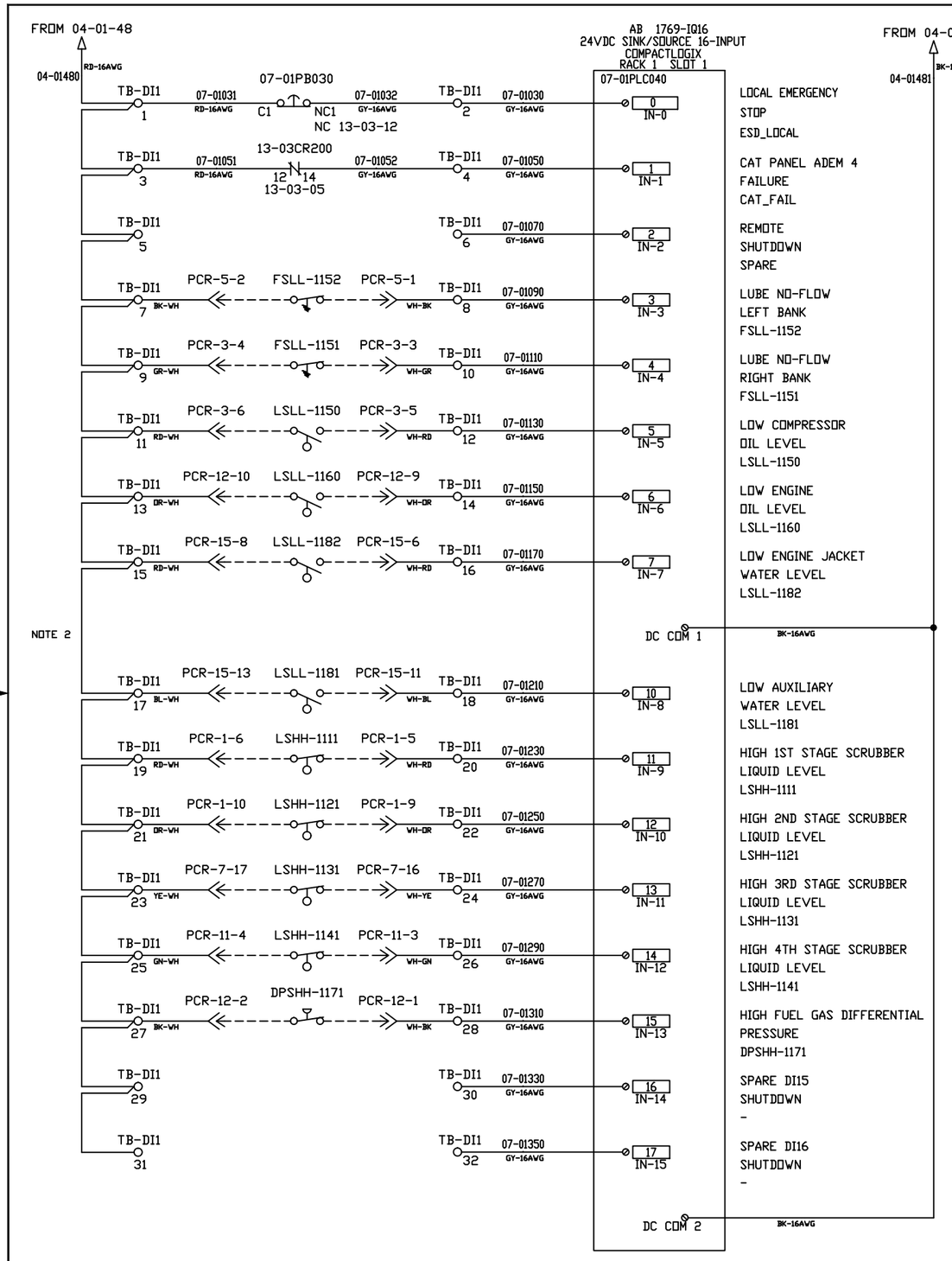
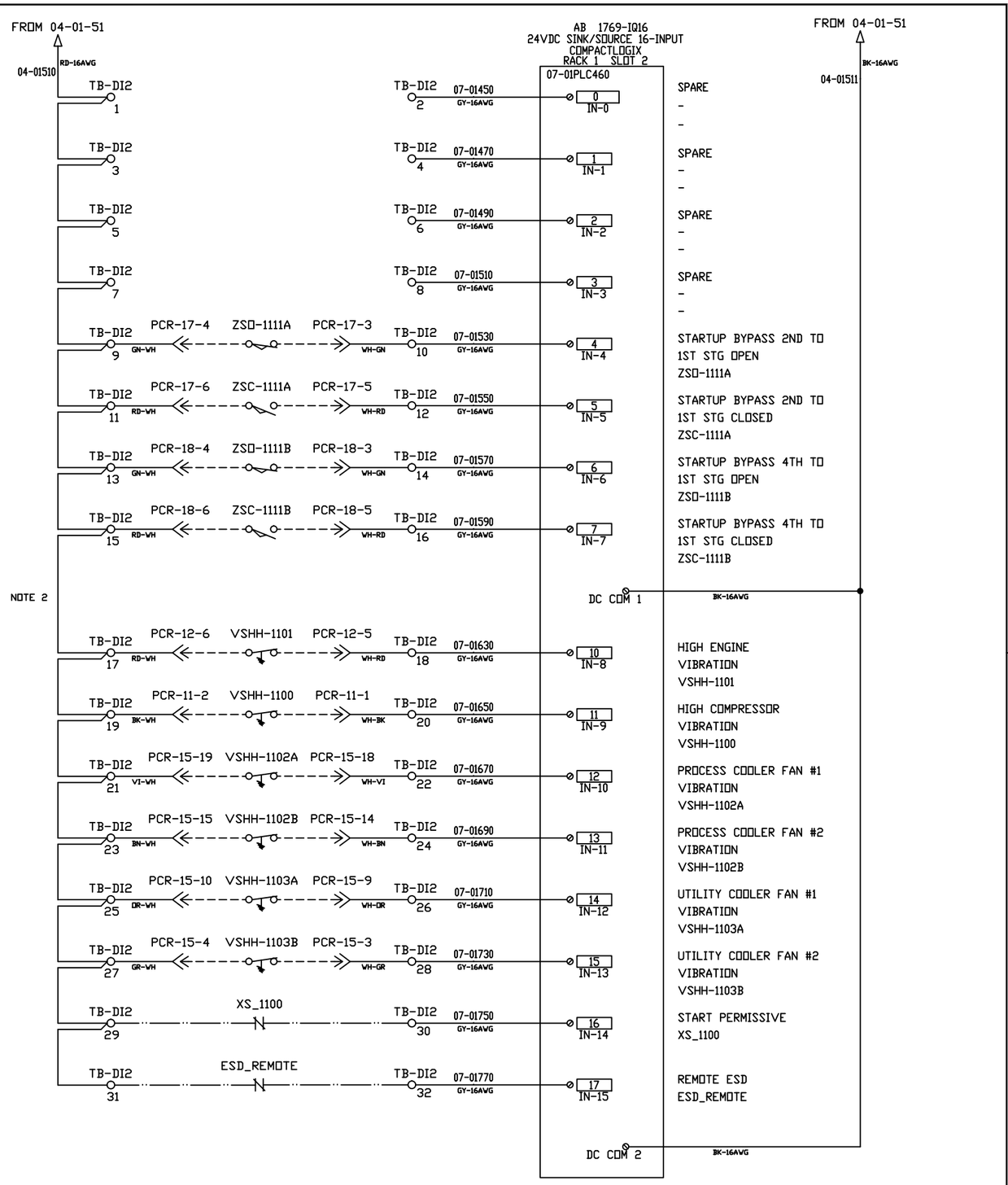
XTO- POKER LAKE COMPRESSOR STATION
EXTERRAN COMPRESSOR PANEL
ANALOG OUTPUT MODULE RACK 1 SLOT 9 & 10

Drawn by: SP | Date: 08-06-18

Sheet 01 Of 01 Next Sh 07-01

Size B | P1US210243-04-01006 | Ver B





DATE	BY	APPROVAL
10-12-18	MZ	DESIGN REVIEW
		FOR MANUFACTURING
01-14-19	MZ	AS SHIPPED
		AS COMMISSIONED

NOTES:
1. REFER TO SHEET 00-03 FOR DETAILED AND GENERAL NOTES.
2. USE TERMINAL JUMPER (1492-CJLJ6-10)

REV.	DATE	BY	ECN/CR. NO.
A	10-12-18	SP	IFA
B	01-14-19	SP	AS SHIPPED

Rockwell Automation

XTO- POKER LAKE COMPRESSOR STATION
EXTERRAN COMPRESSOR PANEL
DIGITAL INPUT MODULE RACK 1 SLOT 1 & 2

Drawn by: SP | Date: 08-06-18

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Sheet 01 Of 02 Next Sh 02

Size B | P1US210243-04-01007 | Ver B

FROM 04-01-54

04-01540 RD-16AWG

AB 1769-IQ16
24VDC SINK/SOURCE 16-INPUT
COMPACTLOGIX
RACK 1 SLOT 3
07-02PLC040

TB-DI3 1	ZSD_FUEL	TB-DI3 2	07-02030 GY-16AWG	0 IN-0	EXTERNAL SIGNAL FUEL GAS SDV START AIR PVC ZSD_FUEL
TB-DI3 3	ZSC_FUEL	TB-DI3 4	07-02050 GY-16AWG	1 IN-1	EXTERNAL SIGNAL FUEL GAS SDV START AIR PVC ZSC_FUEL
TB-DI3 5		TB-DI3 6	07-02070 GY-16AWG	2 IN-2	SPARE - -
TB-DI3 7		TB-DI3 8	07-02090 GY-16AWG	3 IN-3	SPARE - -
TB-DI3 9		TB-DI3 10	07-02110 GY-16AWG	4 IN-4	SPARE - -
TB-DI3 11		TB-DI3 12	07-02130 GY-16AWG	5 IN-5	SPARE - -
TB-DI3 13		TB-DI3 14	07-02150 GY-16AWG	6 IN-6	SPARE - -
TB-DI3 15		TB-DI3 16	07-02170 GY-16AWG	7 IN-7	SPARE - -

DC COM 1 — BK-16AWG

NOTE 2

TB-DI3 17		TB-DI3 18	07-02210 GY-16AWG	10 IN-8	SPARE - -
TB-DI3 19		TB-DI3 20	07-02230 GY-16AWG	11 IN-9	SPARE - -
TB-DI3 21		TB-DI3 22	07-02250 GY-16AWG	12 IN-10	SPARE - -
TB-DI3 23		TB-DI3 24	07-02270 GY-16AWG	13 IN-11	SPARE - -
TB-DI3 25		TB-DI3 26	07-02290 GY-16AWG	14 IN-12	SPARE - -
TB-DI3 27		TB-DI3 28	07-02310 GY-16AWG	15 IN-13	SPARE - -
TB-DI3 29		TB-DI3 30	07-02330 GY-16AWG	16 IN-14	SPARE - -
TB-DI3 31		TB-DI3 32	07-02350 GY-16AWG	17 IN-15	SPARE - -

DC COM 2 — BK-16AWG

FROM 04-01-54

04-01541 BK-16AWG

DATE	BY	APPROVAL
10-12-18	MZ	DESIGN REVIEW
		FOR MANUFACTURING
01-14-19	MZ	AS SHIPPED
		AS COMMISSIONED

NOTES:
1. REFER TO SHEET 00-03 FOR DETAILED AND GENERAL NOTES.
2. USE TERMINAL JUMPER (1492-CJLJ6-10)

REV.	DATE	BY	ECN/CR. NO.
A	10-12-18	SP	IFA
B	01-14-19	SP	AS SHIPPED

Rockwell Automation

XTO- POKER LAKE COMPRESSOR STATION
EXTERRAN COMPRESSOR PANEL
DIGITAL INPUT MODULE RACK 1 SLOT 3

Drawn by: SP Date: 08-06-18

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Sheet 02 Of 02 Next Sh 08-01

Size B | P1US210243-04-01007 | Ver B

AB 1769-OW16 AC/DC RELAY CONTACT 16-OUTPUT COMPACTLOGIX RACK 1 SLOT 5

08-01PLC030

FROM 04-01-57

04-01570 RD-16AWG

VAC-VDC 1

VAC-VDC 2

NOTE 2

DRIVEN EQUIPMENT READY TO CAT PLCREADY_TOCAT	OUT-0	08-01050 RD-16AWG	08-01CR050 A1 A2	NO 13-01-04 NC	04-01571 BK-16AWG
START INITIATE/STOP TO CAT PLCSS_TOCAT	OUT-1	08-01070 RD-16AWG	08-01CR070 A1 A2	NO 13-01-08 NC 13-01-10	04-01571 BK-16AWG
COMPRESSOR HOT START/PRE-LUBE HSU-1151	OUT-2	08-01090 RD-16AWG	08-01CR090 A1 A2	NO 13-01-14 NC	04-01571 BK-16AWG
ENGINE/COOLANT HOT START HSU-1161	OUT-3	08-01110 RD-16AWG	08-01CR110 A1 A2	NO 13-01-18 NC	04-01571 BK-16AWG
SPARE - -	OUT-4	08-01130 RD-16AWG	08-01CR130 A1 A2	NO 13-01-22 NC	04-01571 BK-16AWG
STARTUP BYPASS 2ND TO 1ST STAGE VALVE SDV-1111A	OUT-5	08-01150 RD-16AWG	08-01CR150 A1 A2	NO 13-01-26 NC	04-01571 BK-16AWG
STARTUP BYPASS 4TH TO 1ST STAGE VALVE SDV-1111B	OUT-6	08-01170 RD-16AWG	08-01CR170 A1 A2	NO 13-01-30 NC	04-01571 BK-16AWG
SPARE - -	OUT-7	08-01190 RD-16AWG	08-01CR190 A1 A2	NO 13-01-45 NC	04-01571 BK-16AWG
SPARE - -	OUT-8	08-01230 RD-16AWG	08-01CR230 A1 A2	NO 13-01-49 NC	04-01571 BK-16AWG
SPARE - -	OUT-9	08-01250 RD-16AWG	08-01CR250 A1 A2	NO 13-01-53 NC	04-01571 BK-16AWG
SPARE - -	OUT-10	08-01270 RD-16AWG	08-01CR270 A1 A2	NO 13-01-57 NC	04-01571 BK-16AWG
SPARE - -	OUT-11	08-01290 RD-16AWG	08-01CR290 A1 A2	NO NC 13-01-61	04-01571 BK-16AWG
CONTROLLER RESET RESET_TOCAT	OUT-12	08-01310 RD-16AWG	08-01CR310 A1 A2	NO 13-01-65 NC	04-01571 BK-16AWG
CAT EMERGENCY STOP PLCESD_TOCAT	OUT-13	08-01330 RD-16AWG	08-01CR330 A1 A2	NO 13-03-14 NC	04-01571 BK-16AWG
EXTERNAL SIGNAL FUEL GAS SDV SDV-FUEL	OUT-14	08-01350 RD-16AWG	08-01CR350 A1 A2	NO 13-01-65 NC	04-01571 BK-16AWG
SPARE - -	OUT-15	08-01370 RD-16AWG	08-01CR370 A1 A2	NO 13-01-69 NC	04-01571 BK-16AWG

AB 1769-OW16 AC/DC RELAY CONTACT 16-OUTPUT COMPACTLOGIX RACK 1 SLOT 6

08-01PLC450

FROM 04-01-60

04-01600 RD-16AWG

VAC-VDC 1

VAC-VDC 2

NOTE 2

SPARE - -	OUT-0	08-01470 RD-16AWG	08-01CR470 A1 A2	NO 13-02-04 NC	04-01601 BK-16AWG
SPARE - -	OUT-1	08-01490 RD-16AWG	08-01CR490 A1 A2	NO 13-02-08 NC	04-01601 BK-16AWG
SPARE - -	OUT-2	08-01510 RD-16AWG	08-01CR510 A1 A2	NO 13-02-12 NC	04-01601 BK-16AWG
SPARE - -	OUT-3	08-01530 RD-16AWG	08-01CR530 A1 A2	NO 13-02-16 NC	04-01601 BK-16AWG
SPARE - -	OUT-4	08-01550 RD-16AWG	08-01CR550 A1 A2	NO 13-02-20 NC	04-01601 BK-16AWG
SPARE - -	OUT-5	08-01570 RD-16AWG	08-01CR570 A1 A2	NO 13-02-24 NC	04-01601 BK-16AWG
SPARE - -	OUT-6	08-01590 RD-16AWG	08-01CR590 A1 A2	NO 13-02-28 NC	04-01601 BK-16AWG
SPARE - -	OUT-7	08-01610 RD-16AWG	08-01CR610 A1 A2	NO 13-02-32 NC	04-01601 BK-16AWG
SPARE - -	OUT-8	08-01650 RD-16AWG	08-01CR650 A1 A2	NO 13-02-36 NC	04-01601 BK-16AWG
SPARE - -	OUT-9	08-01670 RD-16AWG	08-01CR670 A1 A2	NO 13-02-46 NC	04-01601 BK-16AWG
SPARE - -	OUT-10	08-01690 RD-16AWG	08-01CR690 A1 A2	NO 13-02-50 NC	04-01601 BK-16AWG
SPARE - -	OUT-11	08-01710 RD-16AWG	08-01CR710 A1 A2	NO NC 13-02-54	04-01601 BK-16AWG
SPARE - -	OUT-12	08-01730 RD-16AWG	08-01CR730 A1 A2	NO NC 13-02-58	04-01601 BK-16AWG
SPARE - -	OUT-13	08-01750 RD-16AWG	08-01CR750 A1 A2	NO 13-02-62 NC	04-01601 BK-16AWG
SPARE - -	OUT-14	08-01770 RD-16AWG	08-01CR770 A1 A2	NO 13-02-66 NC	04-01601 BK-16AWG
SPARE - -	OUT-15	08-01790 RD-16AWG	08-01CR790 A1 A2	NO 13-02-70 NC	04-01601 BK-16AWG

DATE	BY	APPROVAL
10-12-18	MZ	DESIGN REVIEW
		FOR MANUFACTURING
01-14-19	MZ	AS SHIPPED
		AS COMMISSIONED

NOTES:
1. REFER TO SHEET 00-03 FOR DETAILED AND GENERAL NOTES.
2. USE WIRED JUMPER FOR RELAYS.

REV.	DATE	BY	ECN/CR. NO.
A	10-12-18	SP	IFA
B	01-14-19	SP	AS SHIPPED

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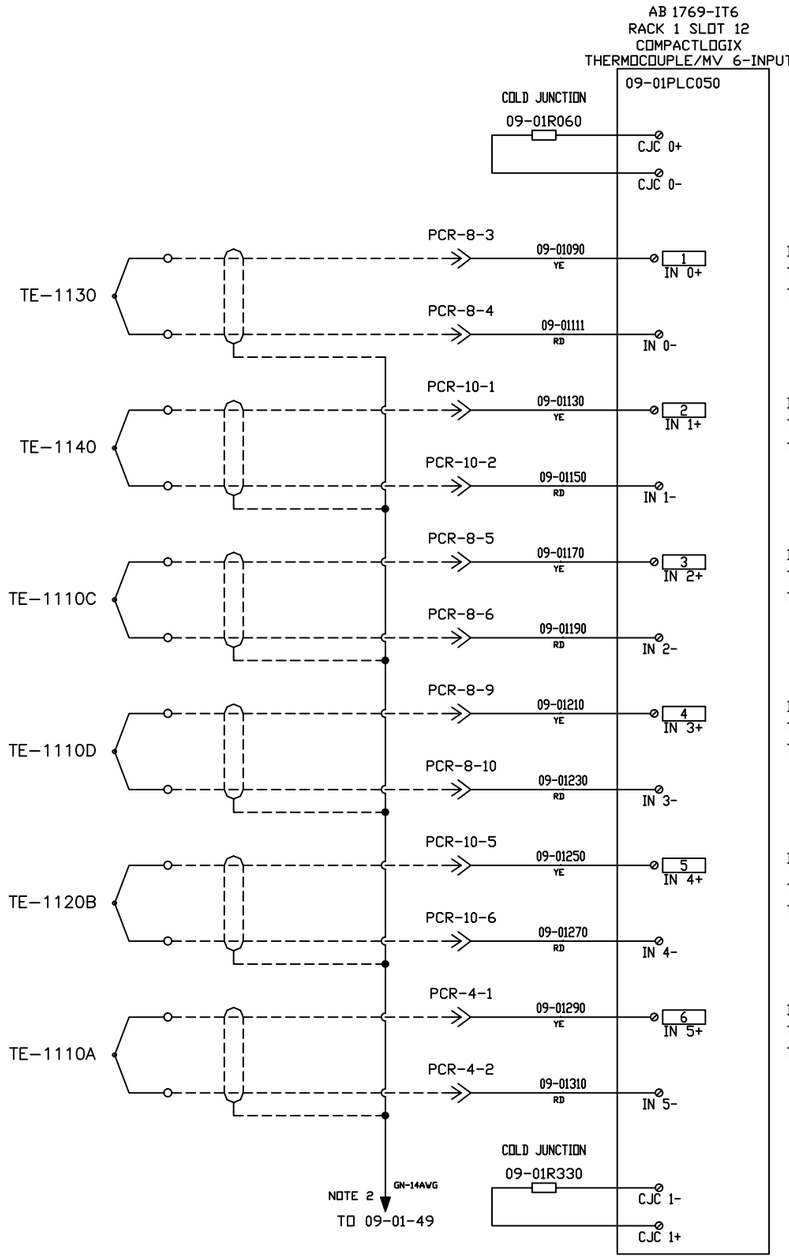
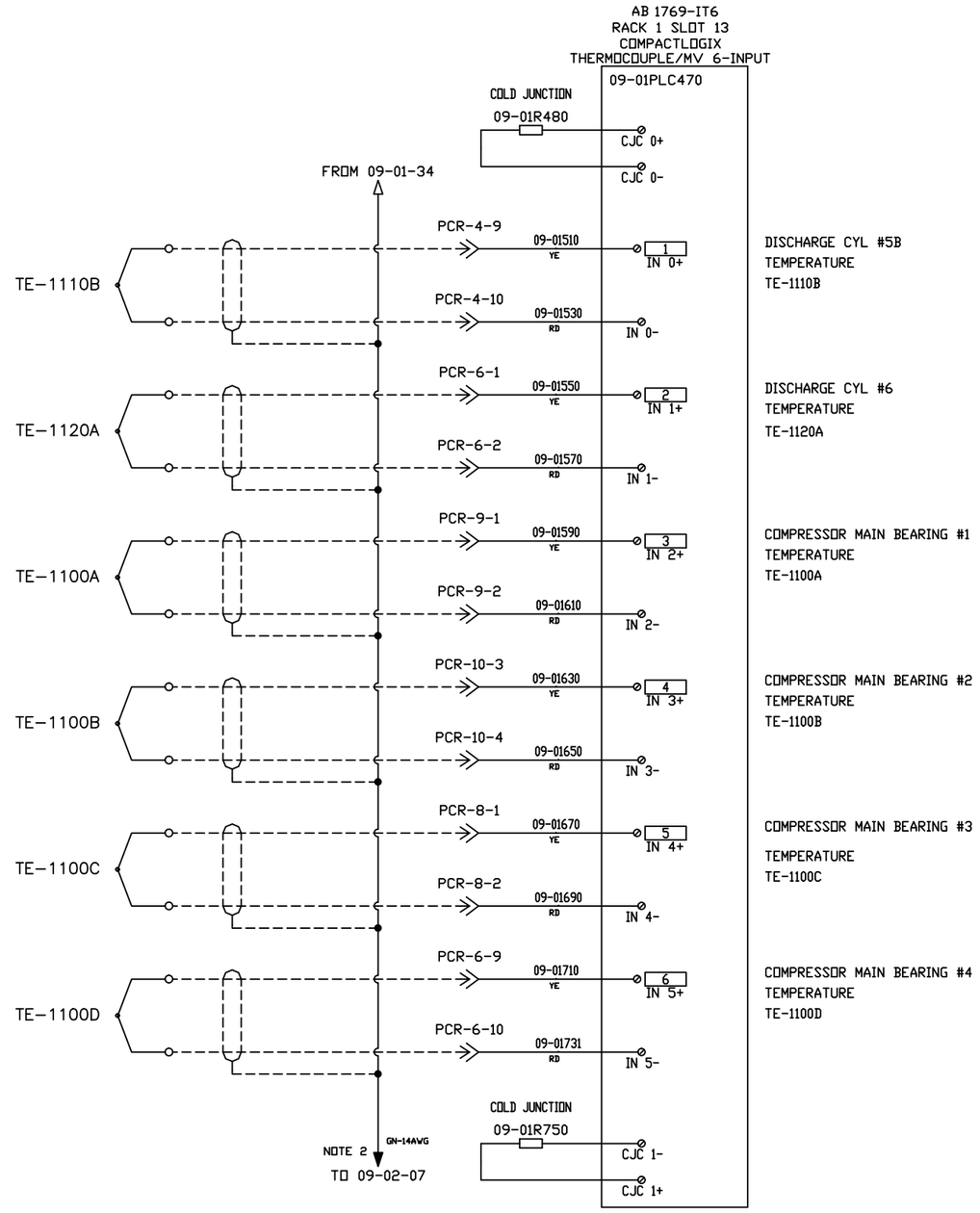
XTO- POKER LAKE COMPRESSOR STATION
EXTERRAN COMPRESSOR PANEL
DIGITAL OUTPUT MODULE RACK 1 SLOT 5 & 6

Drawn by: SP Date: 08-06-18

Sheet 01 Of 01 Next Sh 09-01

Size B | P1US210243-04-01008 | Ver B





DATE	BY	APPROVAL
10-12-18	MZ	DESIGN REVIEW
		FOR MANUFACTURING
01-14-19	MZ	AS SHIPPED
		AS COMMISSIONED

NOTES:
1. REFER TO SHEET 00-03 FOR DETAILED AND GENERAL NOTES.
2. FIELD WIRES TO BE DIRECTLY TERMINATED TO THERMOCOUPLE CARD AND SHIELD FOR THEM TO BE TERMINATED DIRECTLY TO INSTRUMENT GROUND BAR LOCATED BELLOW IO RACK.

REV.	DATE	BY	ECN/CR. NO.
A	10-12-18	SP	IFA
B	01-14-19	SP	AS SHIPPED

Rockwell Automation

XTO- POKER LAKE COMPRESSOR STATION
EXTERRAN COMPRESSOR PANEL
THERMOCOUPLES MODULE RACK 1 SLOT 12 & 13

Drawn by: SP | Date: 08-06-18

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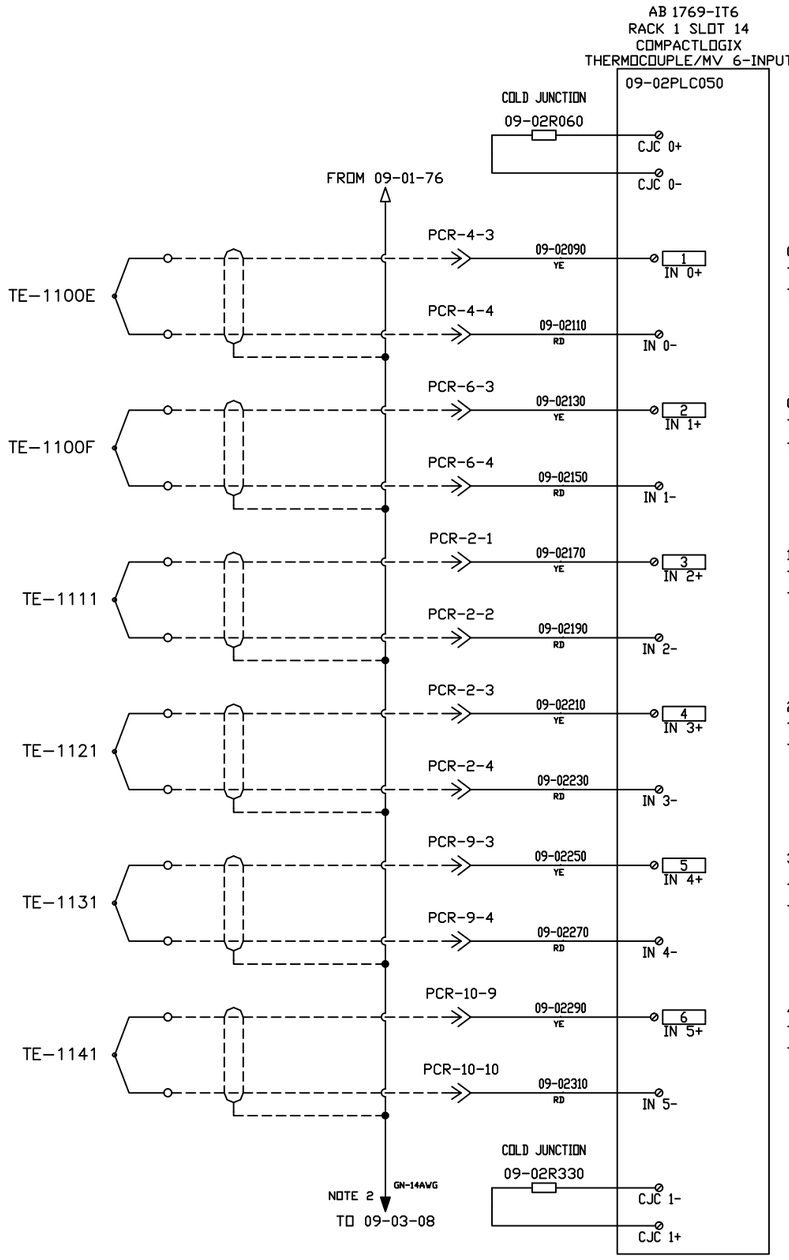
Sheet 01 Of 03 Next Sh 02

Size B | P1US210243-04-01009 | Ver B



COMPRESSOR MAIN BEARING #5 TEMPERATURE TE-1100E

COMPRESSOR MAIN BEARING #6 TEMPERATURE TE-1100F

1ST STAGE SUCTION TEMPERATURE TE-1111

2ND STAGE SUCTION TEMPERATURE TE-1121

3RD STAGE SUCTION TEMPERATURE TE-1131

4TH STAGE SUCTION TEMPERATURE TE-1141

DATE	BY	APPROVAL
10-12-18	MZ	DESIGN REVIEW
		FOR MANUFACTURING
01-14-19	MZ	AS SHIPPED
		AS COMMISSIONED

NOTES:
1. REFER TO SHEET 00-03 FOR DETAILED AND GENERAL NOTES.
2. FIELD WIRES TO BE DIRECTLY TERMINATED TO THERMOCOUPLE CARD AND SHIELD FOR THEM TO BE TERMINATED DIRECTLY TO INSTRUMENT GROUND BAR LOCATED BELLOW IO RACK.

REV.	DATE	BY	ECN/CR. NO.
A	10-12-18	SP	IFA
B	01-14-19	SP	AS SHIPPED

Rockwell Automation

XTO- POKER LAKE COMPRESSOR STATION
EXTERRAN COMPRESSOR PANEL
THERMOCOUPLES MODULE RACK 1 SLOT 14

Drawn by: SP | Date: 08-06-18

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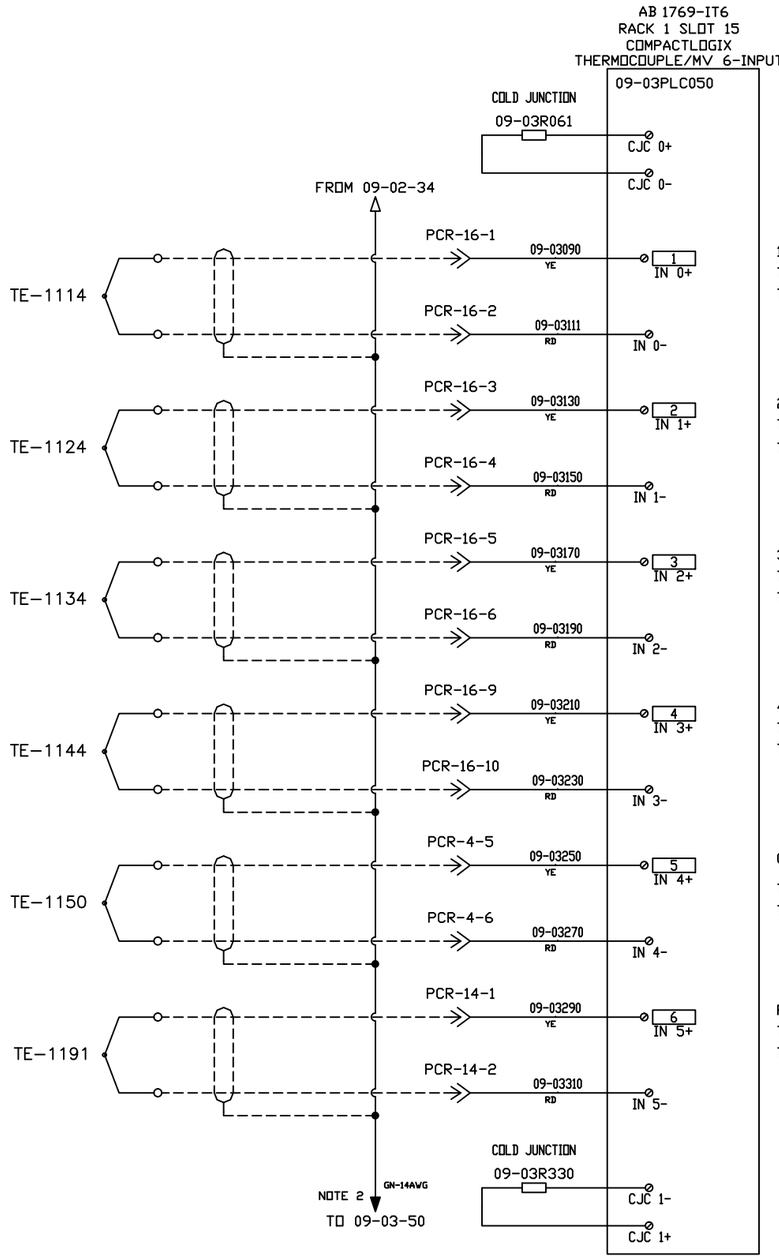
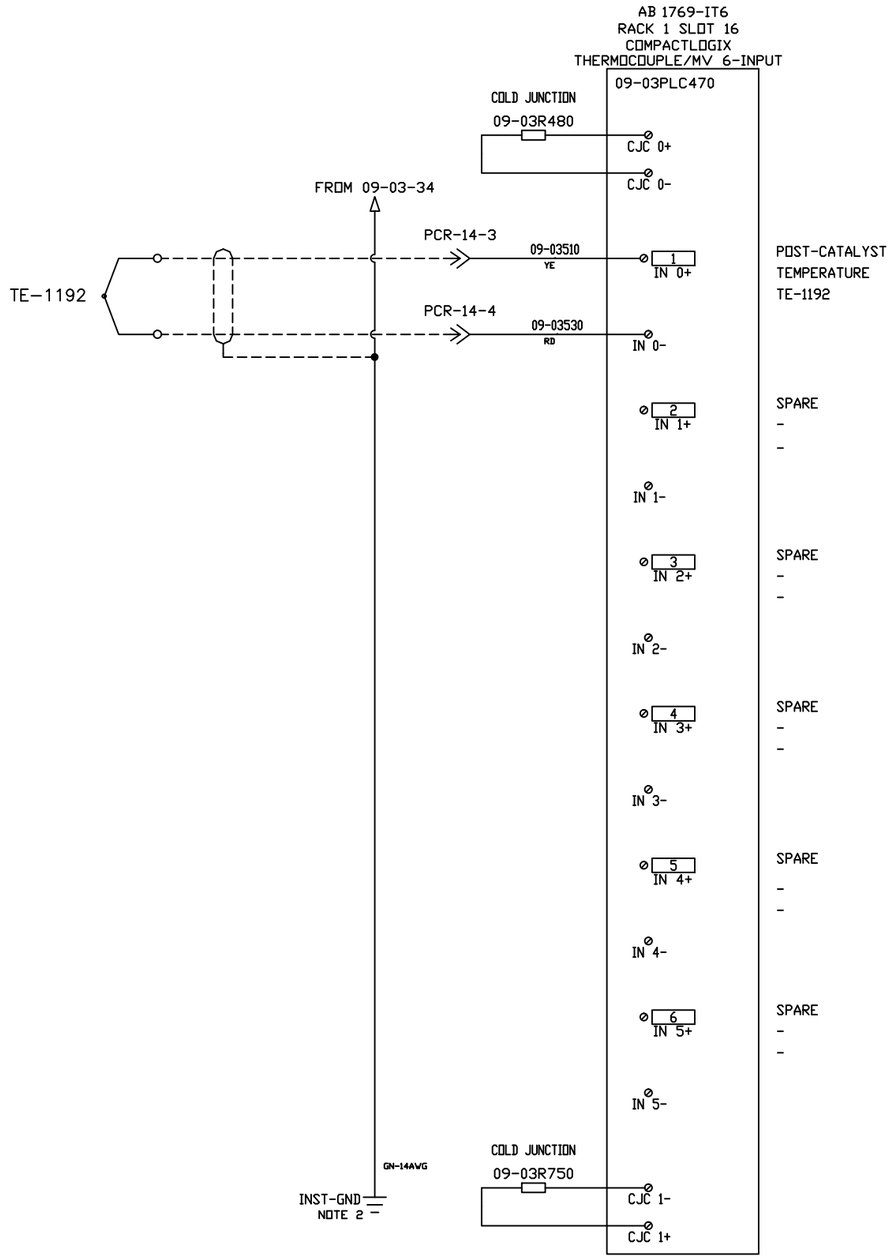
Sheet 02 Of 03 Next Sh 03

Size B | P1US210243-04-01009 | Ver B





DATE	BY	APPROVAL
10-12-18	MZ	DESIGN REVIEW
		FOR MANUFACTURING
01-14-19	MZ	AS SHIPPED
		AS COMMISSIONED

NOTES:
1. REFER TO SHEET 00-03 FOR DETAILED AND GENERAL NOTES.
2. FIELD WIRES TO BE DIRECTLY TERMINATED TO THERMOCOUPLE CARD AND SHIELD FOR THEM TO BE TERMINATED DIRECTLY TO INSTRUMENT GROUND BAR LOCATED BELLOW IO RACK.

REV.	DATE	BY	ECN/CR. NO.
A	10-12-18	SP	IFA
B	01-14-19	SP	AS SHIPPED

Rockwell Automation

XTO- POKER LAKE COMPRESSOR STATION
EXTERRAN COMPRESSOR PANEL
THERMOCOUPLES MODULE RACK 1 SLOT 15 & 16

Drawn by: SP | Date: 08-06-18

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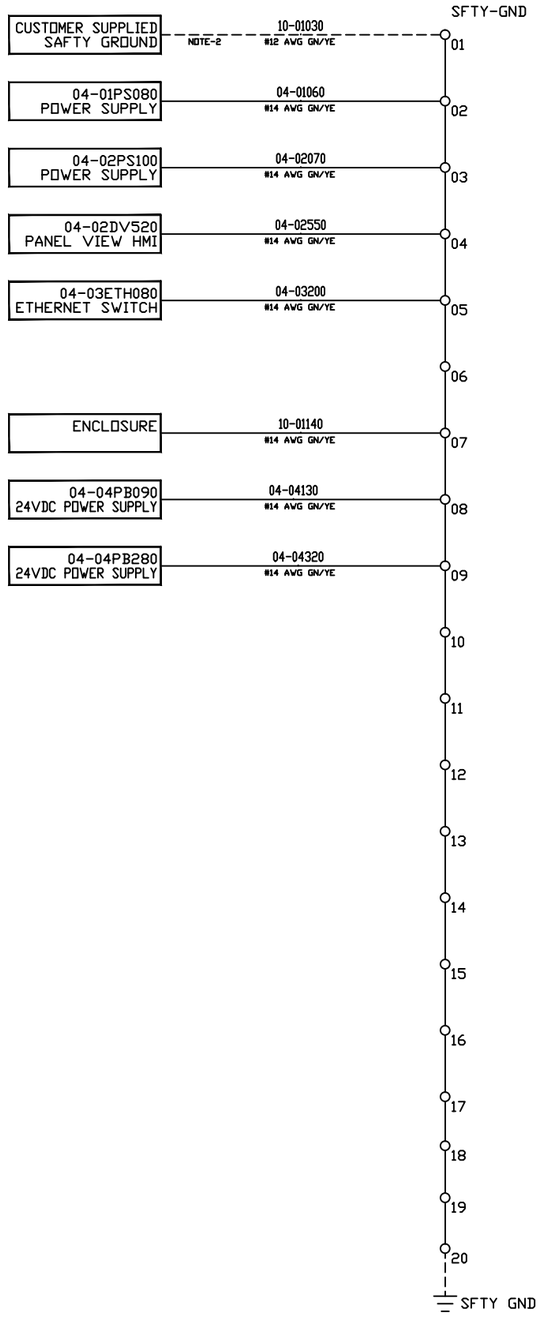
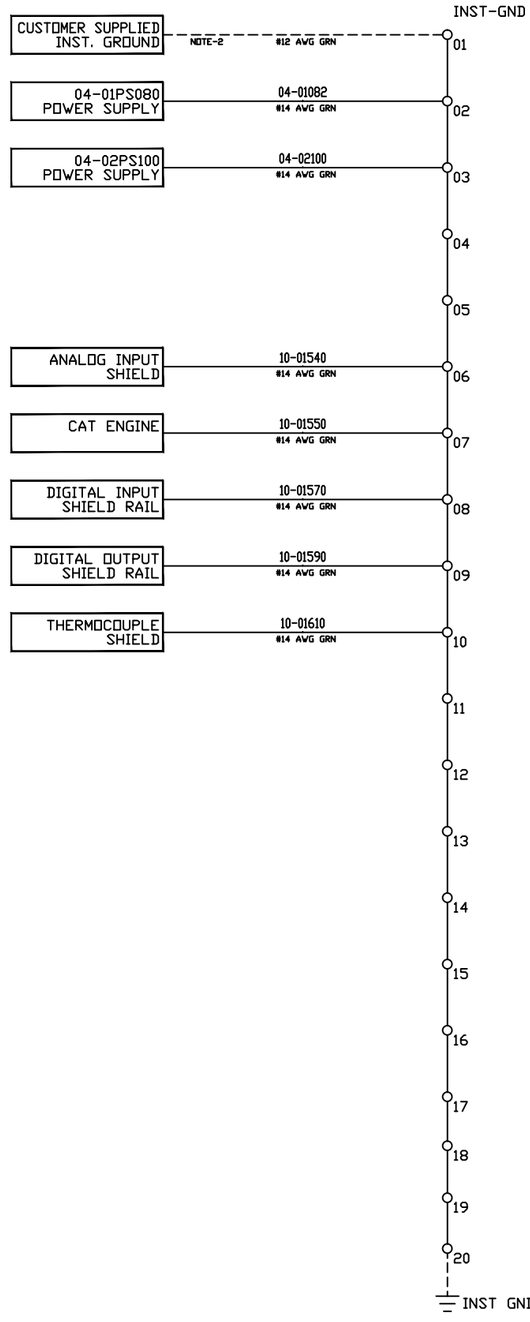
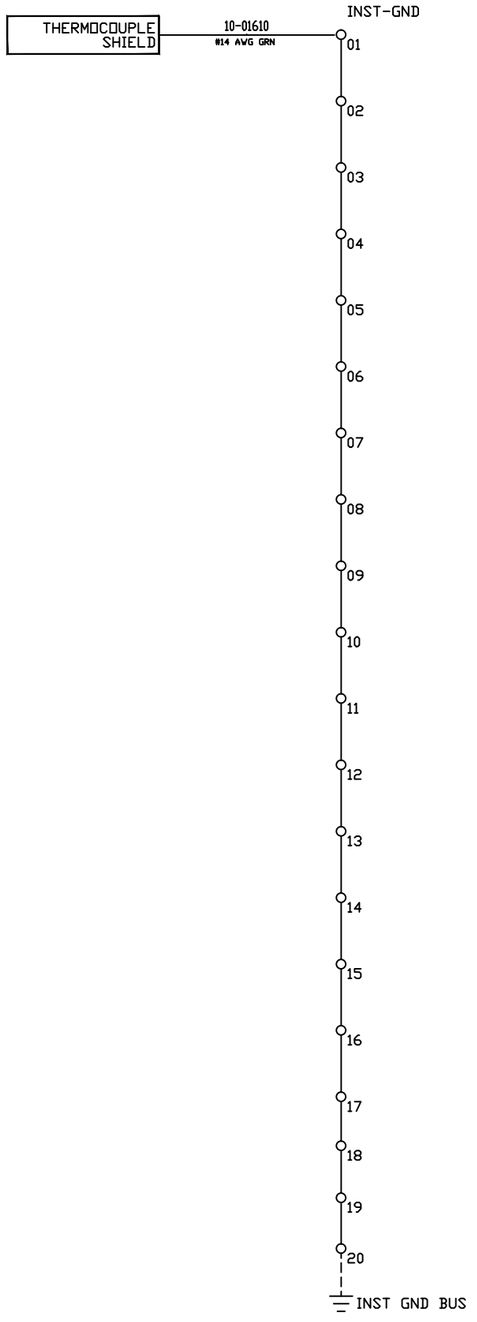
Sheet 03 Of 03 Next Sh 10-01

Size B | P1US210243-04-01009 | Ver B







DATE	BY	APPROVAL
10-12-18	MZ	DESIGN REVIEW
		FOR MANUFACTURING
01-14-19	MZ	AS SHIPPED
		AS COMMISSIONED

NOTES:
1. REFER TO SHEET 00-03 FOR LABEL DETAILS AND GENERAL NOTES.
2. MINIMUM RECOMMENDED WIRE SIZE TO BE USED FOR GROUNDING SHOULD BE 12AWG.

REV.	DATE	BY	ECN/CR. NO.
A	10-12-18	SP	IFA
B	01-14-19	SP	AS SHIPPED

Rockwell Automation

XTO- POKER LAKE COMPRESSOR STATION
EXTERRAN COMPRESSOR PANEL
GROUNDING

Drawn by: SP | Date: 08-06-18

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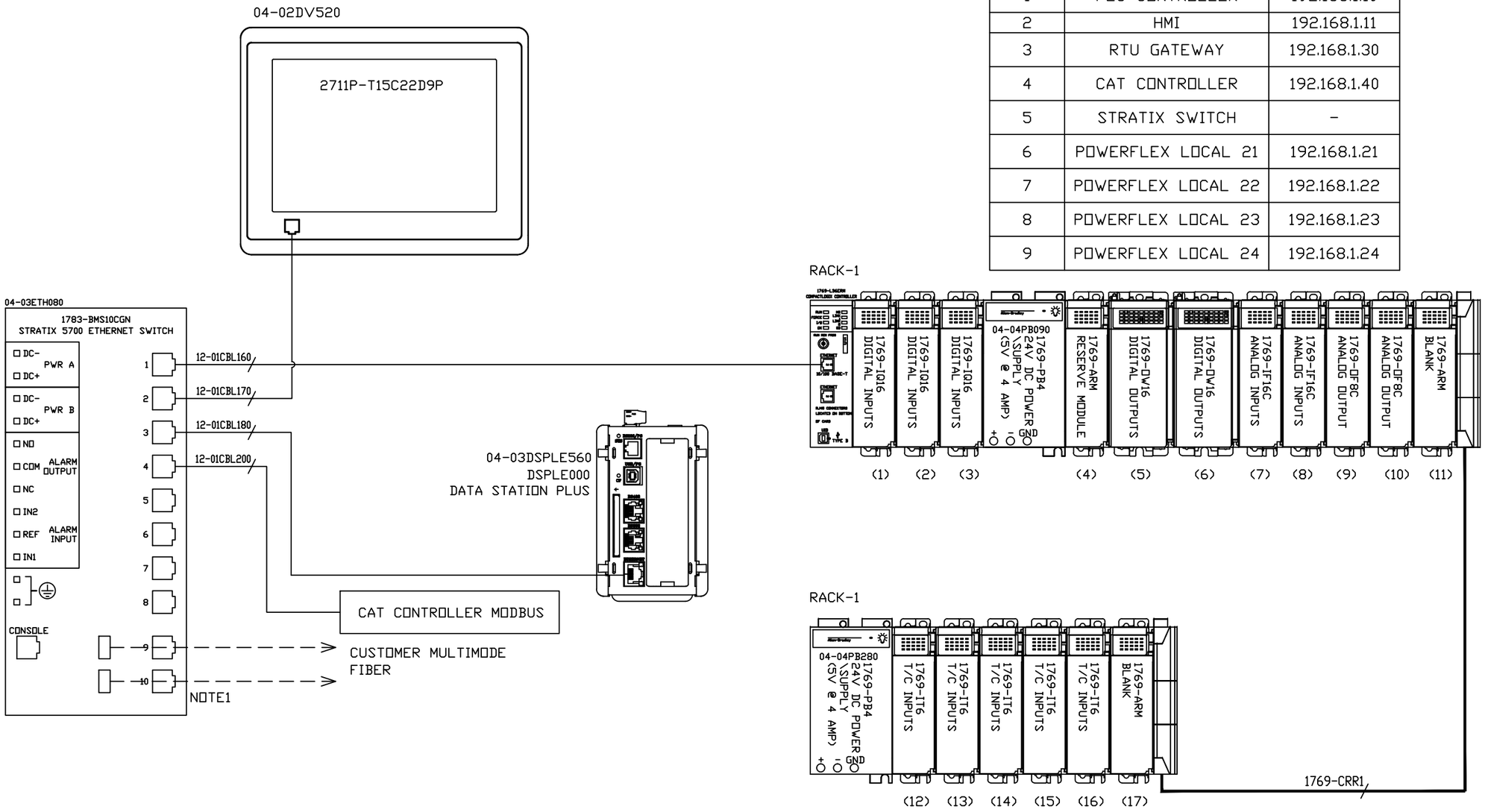
Sheet 01 Of 01 Next Sh 12-01

Size B | P1US210243-04-01010 | Ver B

SR.NO.	ETHERNET DEVICE NAME	IP ADDRESS
1	PLC CONTROLLER	192.168.1.10
2	HMI	192.168.1.11
3	RTU GATEWAY	192.168.1.30
4	CAT CONTROLLER	192.168.1.40
5	STRATIX SWITCH	-
6	POWERFLEX LOCAL 21	192.168.1.21
7	POWERFLEX LOCAL 22	192.168.1.22
8	POWERFLEX LOCAL 23	192.168.1.23
9	POWERFLEX LOCAL 24	192.168.1.24



NOTES:
1) PART NUMBER FOR THE SFP MODULE USED IS 1783-SFP100FX (LC CONNECTOR).

DATE	BY	APPROVAL
10-12-18	MZ	DESIGN REVIEW
		FOR MANUFACTURING
01-14-19	MZ	AS SHIPPED
		AS COMMISSIONED

NETWORK LEGEND
——— ETHERNET
— — — FIBER OPTIC

REV.	DATE	BY	ECN/CR. NO.
A	10-12-18	SP	IFA
B	01-14-19	SP	AS SHIPPED

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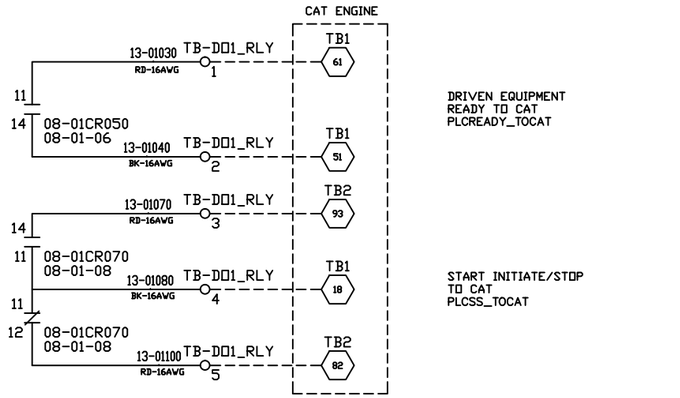
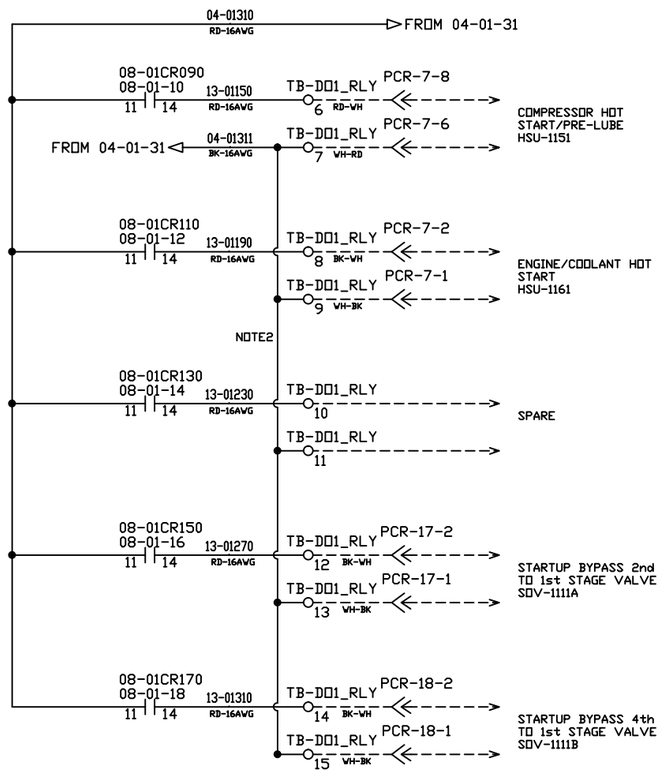
XTO- POKER LAKE COMPRESSOR STATION
EXTERRAN COMPRESSOR PANEL
NETWORK COMMUNICATION

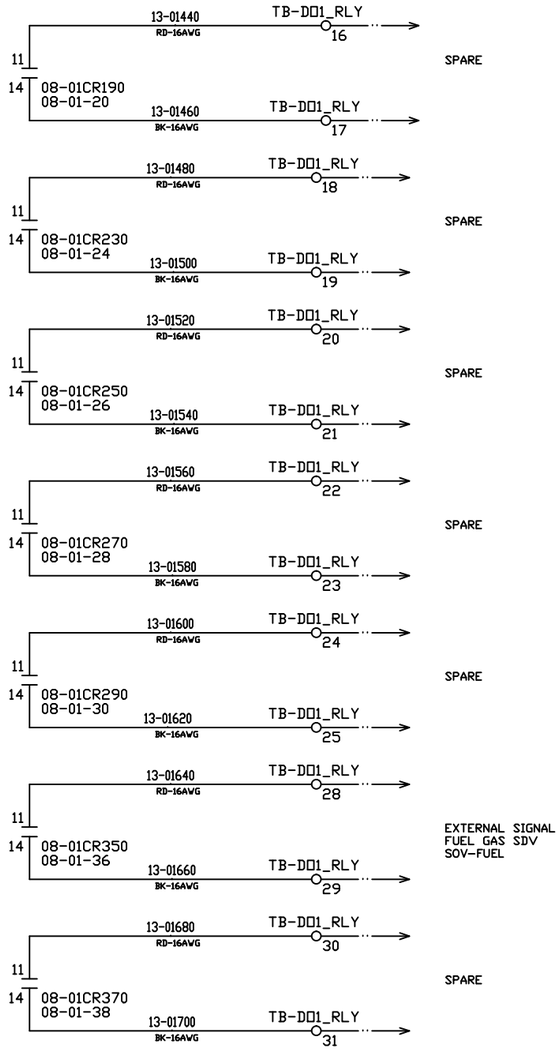
Drawn by: SP | Date: 08-06-18

Sheet 01 Of 01 Next Sh 13-01

Size B | P1US210243-04-01012 | Ver B







DATE	BY	APPROVAL
10-12-18	MZ	DESIGN REVIEW
		FOR MANUFACTURING
01-14-19	MZ	AS SHIPPED
		AS COMMISSIONED

NOTES:
1. REFER TO SHEET 00-03 FOR DETAILED AND GENERAL NOTES.
2. USE TERMINAL JUMPER 1492-CJJ6-10.

REV.	DATE	BY	ECN/CR. NO.
A	10-12-18	SP	IFA
B	01-14-19	SP	AS SHIPPED

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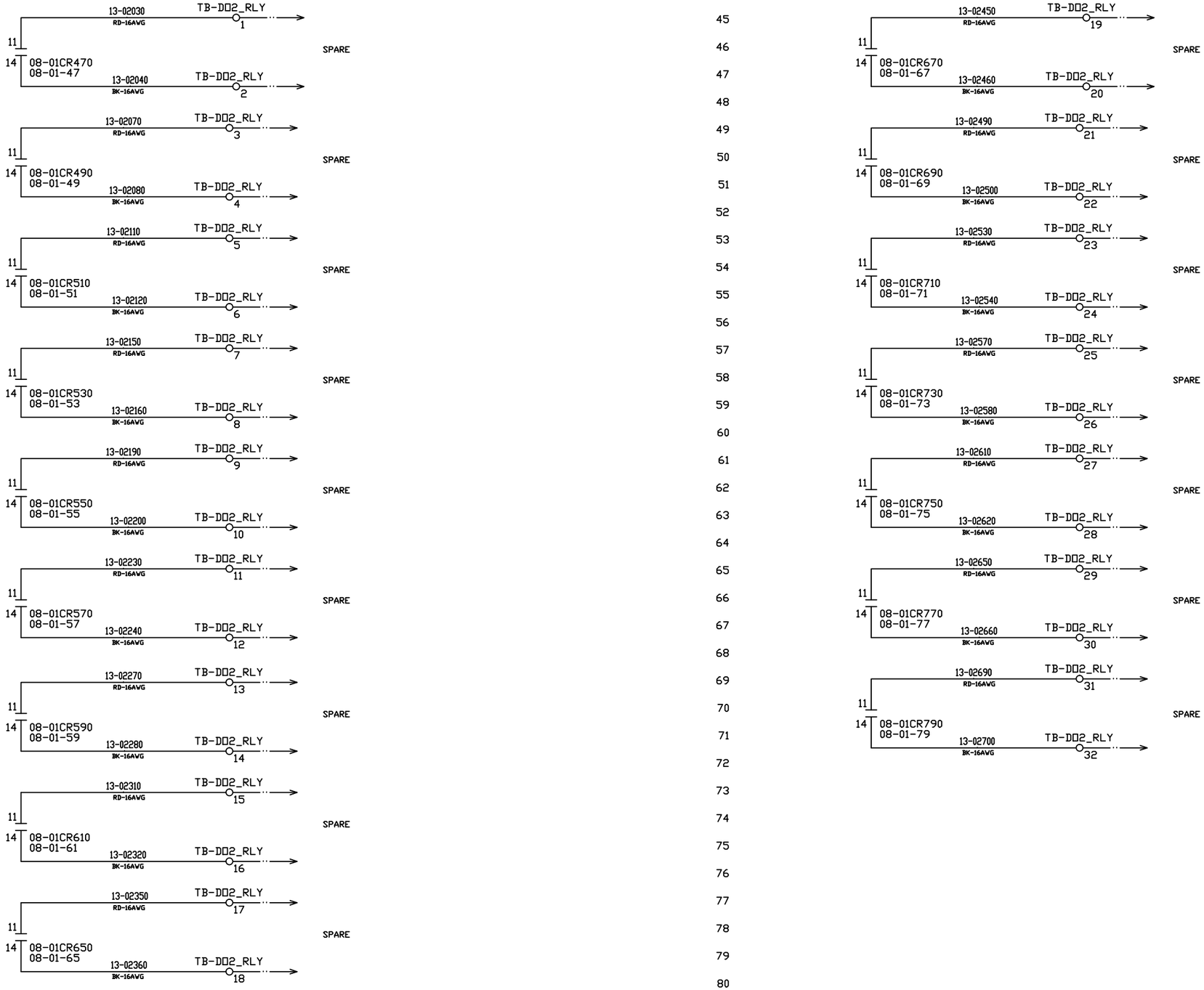
XTO- POKER LAKE COMPRESSOR STATION
EXTERRAN COMPRESSOR PANEL
MARSHALLING TERMINALS

Drawn by: SP Date: 08-06-18

Sheet 01 Of 03 Next Sh 02

Size B | P1US210243-04-01013 | Ver B



DATE	BY	APPROVAL
10-12-18	MZ	DESIGN REVIEW
		FOR MANUFACTURING
01-14-19	MZ	AS SHIPPED
		AS COMMISSIONED

NOTES:
1. REFER TO SHEET 00-03 FOR DETAILED AND GENERAL NOTES.

REV.	DATE	BY	ECN/CR. NO.
A	10-12-18	SP	IFA
B	01-14-19	SP	AS SHIPPED

Rockwell Automation

XTO- POKER LAKE COMPRESSOR STATION
EXTERRAN COMPRESSOR PANEL
MARSHALLING TERMINALS

Drawn by: SP Date: 08-06-18

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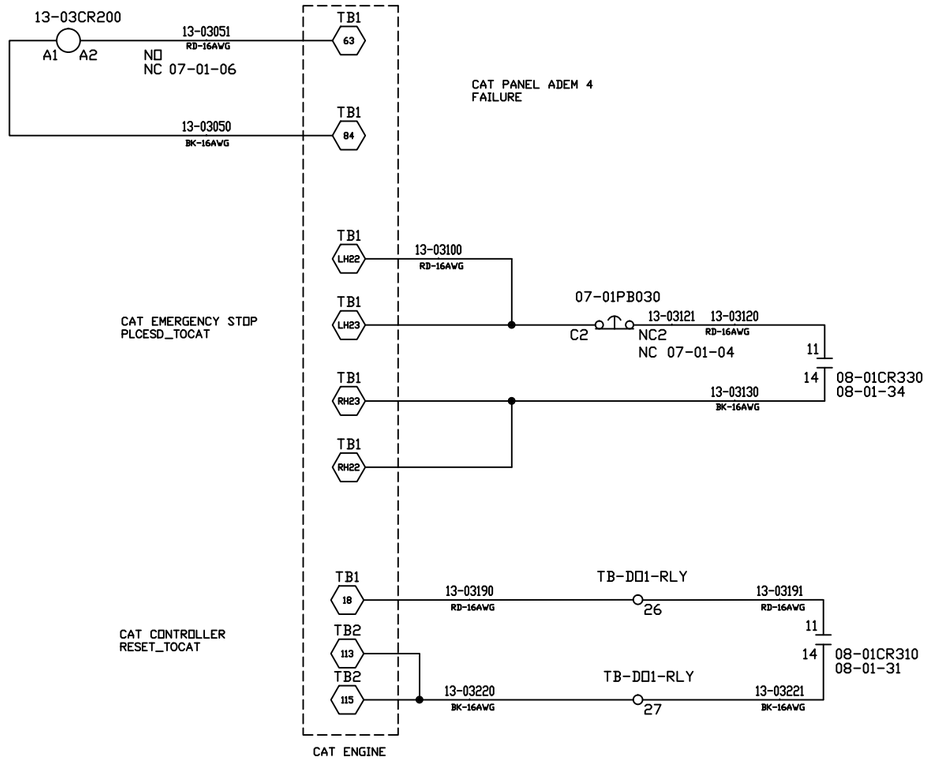
Sheet 02 Of 03 Next Sh 03

Size B | P1US210243-04-01013 | Ver B



DATE	BY	APPROVAL
10-12-18	MZ	DESIGN REVIEW
		FOR MANUFACTURING
01-14-19	MZ	AS SHIPPED
		AS COMMISSIONED

NOTES:
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REV.	DATE	BY	ECN/CR. NO.
A	10-12-18	SP	IFA
B	01-14-19	SP	AS SHIPPED

Rockwell Automation

XTO- POKER LAKE COMPRESSOR STATION
EXTERRAN COMPRESSOR PANEL
MARSHALLING TERMINALS

Drawn by: SP | Date: 08-06-18

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Sheet 03 Of 03 Next Sh LAST

Size B | P1US210243-04-01013 | Ver B

Bill of Material

EXTERRAN

BRITTMOORE MFG

INDENTED BILL OF MATERIAL

DATE/TIME	PAGE
2/7/2019 14:09:01 PM	1 of 64
REVISION DATE	**REVISION NO.**
03-OCT-18	**0**

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
		1	10	1	CMPETO	PACKAGE,COMPRESSOR,	1	
		2000	20	1	US-123242-01-CMP-05~1981302	SPOOLS	1	
		1	10	2	CMPETO-CMP-05	SPOOLS	1	
		2000	30	1	US-123242-01-CMP-04-440~1981330	4TH STG SCRUBBER, 30" OD X 96" S/S, TAG NO. PV-1141	1	
		2000	40	1	US-123242-01-CMP-04-432~1981328	3RD STG DISCHARGE BOTTLE, 28" OD X 51" S/S, TAG NO. PV-1133	1	
		2000	50	1	US-123242-01-CMP-04-431~1981326	3RD STG SUCTION BOTTLE, 24" OD X 36" S/S, TAG NO. PV-1132	1	
		2000	60	1	US-123242-01-CMP-04-430~1981324	3RD STG SCRUBBER, 30" OD X 96" S/S, TAG NO. PV-1131	1	
		2000	70	1	US-123242-01-CMP-04-422~1981322	2ND STG DISCHARGE BOTTLE, 24" OD X 139" S/S, TAG NO. PV-1123	1	
		2000	80	1	US-123242-01-CMP-04-421~1981320	2ND STG SUCTION BOTTLE, 32" OD X 82" S/S, TAG NO. PV-1122	1	
		2000	90	1	US-123242-01-CMP-04-420~1981300	2ND STG SCRUBBER, 36" OD X 96" S/S, TAG NO. PV-1121	1	
		2000	100	1	US-123242-01-CMP-04-412~1981314	1ST STG DISCHARGE BOTTLE, 36" OD X 138" S/S, TAG NO. PV-1113	1	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
		2000	110	1	US-123242-01-CMP-04-411~1981304	1ST STG SUCTION BOTTLE, 36" OD X 88" S/S, TAG NO. PV-1112	1	
		2000	120	1	US-123242-01-CMP-04-410~1981306	1ST STG SCRUBBER, 36" OD X 96" S/S, TAG NO. PV-1111	1	
		1000	130	1	US-123242-01-CMP-03-300~1981308	SKID & PEDESTAL,STRUCTURAL, SKID PER DWG US-123242-01-CMP-03-300; PEDESTAL PER DWG US-123242-01-CMP-03-301 FOR G3616A4 DRIVER & KBZ/6 FRAME	1	
		1	10	2	CMPETO-CMP-03-300	SKID & PEDESTAL,STRUCTURAL	1	
		2000	140	1	US-123242-01-CMP-04-441~1981316	4TH STG SUCTION BOTTLE, 24" OD X 30" S/S, TAG NO. PV-1142	1	
		2000	150	1	US-123242-01-CMP-04-442~1981318	4TH STG DISCHARGE BOTTLE, 24" OD X 72" S/S, TAG NO. PV-1143	1	
		1	160	1	US-123242-01-EBOM~1981312	ENGINEERING (P&ID) BILL OF MATERIAL	1	
		1	10	2	CMPETO-EBOM	ENGINEERING (P&ID) BILL OF MATERIAL	1	
		1	20	2	US-123242-01-CMP-01-002-02~1981278	ENGINE OIL SYSTEM	1	
FH-1164	1/2" MNPT FLEX HOSE	2000	10	3	EXT-155978	HOSE,ASSEMBLY,FLEXIBLE/CORRUGATED ANNULAR,1/2" ID,1/2" MNPT,12" LONG,STAINLESS STEEL,3/4" DIAMETER (NOMINAL),REPLACES P/N 128188007	1	
FH-1165	1"-150#RF FLEX HOSE	2000	20	3	EXT-185272	HOSE,ASSEMBLY,1" ID,1" 150 LB RF CARBON STEEL FLANGE,1" 150 LB RF CARBON STEEL FLANGE,12" LONG,BRAIDED STAINLESS STEEL HOSE	3	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
VL-1165	1"-150#RF BALL VALVE	2000	40	3	EXT-181576	VALVE,BALL,FLOATING,LOCKING LEVER OPERATED,RAISED FACE,NPS 1,CLASS 150,TWO-PIECE BOLTED BODY,ASTM A216-WCB CAST STEEL BODY,FULL PORT,ASME B16.10 LONG PATTERN,BALL MATL= TYPE 316 STAINLESS STEEL,STEM MATL= TYPE 316 STAINLESS STEEL,SEAT MATL= PTFE,SEAL MATL= HNBR,BOLTING= ASTM A193-B7/A194-2H (NACE CL. III),API 6D,FIRESAFE PER API 607,NACE MR0175/ISO 15156 COMPLIANT,VINTROL INC,410012624699US	1	
FH-1161	1-1/2"-150#RF FLEX HOSE	2000	50	3	EXT-156764	HOSE,ASSEMBLY,FLEXIBLE METAL,1-1/2" 150# RF,1-1/2" 150# RF,12" OAL,CARBON STEEL,1" DIAMETER, MANGUERA FLEX ARGENTINA	3	
AD-1163	CAT TESTING NIPPLE FILTER	2000	60	3	CAT-6V3965	NIPPLE,PIPE,TYPE: ASSEMBLY,CATERPILLAR,6V3965	1	
OR-1163	CAT O-RING AT FILTER	2000	70	3	CAT-3J1907	SEAL,CATERPILLAR,3J1907	1	
VCAP-1163	CAT DUST CAP AT FILTER	2000	80	3	CAT-6V0852	CAP,DUST,CATERPILLAR,6V0852	1	
VL-1160	1/2" FNPT BALL VALVE	2000	90	3	EXT-185410	VALVE,BALL,FLOATING,LOCKING LEVER OPERATED,NPS 1/2,FNPT,CLASS 800,THREE-PIECE BOLTED BODY,ASME SA-216-WCB CAST STEEL BODY,FULL PORT,MAWP= 1973 PSI AT 100 DEG F,BALL MATL= TYPE 316 STAINLESS STEEL,STEM MATL= TYPE 316 STAINLESS STEEL,SEAT MATL= RPTFE,SEAL MATL= GRAPHITE,PACKING MATL= GRAPHITE,BOLTING= ASTM B193-B7,API 608,ASME B16.34,FIRESAFE TO API 607,NACE MR0175 COMPLIANT,ISO 5211, 4 BOLT MOUNTING,QUADRANT,M2FCSRGSLTT050	1	
VL-1166	1" SOCKET WELD BALL VALVE	2000	100	3	EXT-185416	VALVE,BALL,LOCKING LEVER OPERATED,NPS 1,SOCKET WELD,CLASS 800,THREE-PIECE BOLTED BODY,ASME SA-216-WCB CAST STEEL BODY,FULL PORT,MAWP= 1973 PSI AT 100 DEG F,BALL MATL= TYPE 316 STAINLESS STEEL,STEM MATL= TYPE 316 STAINLESS STEEL,SEAT MATL= RPTFE,SEAL MATL= GRAPHITE,PACKING MATL= GRAPHITE,BOLTING= ASTM B193-B7,API 608,ASME B16.34,FIRESAFE TO API 607,NACE MR0175 COMPLIANT,ISO 5211, 4 BOLT MOUNTING,QUADRANT,M2FCSRGSLWW100	3	

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Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
VL-1164	1-1/2" SOCKET WELD BALL VALVE	2000	110	3	EXT-185418	VALVE,BALL,LOCKING LEVER OPERATED,NPS 1-1/2,SOCKET WELD,CLASS 800,THREE-PIECE BOLTED BODY,ASME SA-216-WCB CAST STEEL BODY,FULL PORT,MAWP= 1973 PSI AT 100 DEG F,BALL MATL= TYPE 316 STAINLESS STEEL,STEM MATL= TYPE 316 STAINLESS STEEL,SEAT MATL= RPTFE,SEAL MATL= GRAPHITE,PACKING MATL= GRAPHITE,BOLTING= ASTM B193-B7,API 608,ASME B16.34,FIRESAFE TO API 607,NACE MR0175 COMPLIANT,ISO 5211, 4 BOLT MOUNTING,QUADRANT,M2FCSRGSLWW150	3	
VL-1161	1-1/2"-150#RF BALL VALVE	2000	120	3	KF-E21491922G91	VALVE,BALL,FLOATING,LOCKING LEVER OPERATED,RAISED FACE,NPS 1-1/2,CLASS 150,TWO-PIECE BOLTED BODY,CARBON STEEL BODY,FULL PORT,ASME B16.10 LONG PATTERN,BALL MATL= TYPE 316 STAINLESS STEEL,STEM MATL= TYPE 316 STAINLESS STEEL,SEAT MATL= PTFE SEAL MATL= HNBR,BOLTING= ASTM A193-B7/A194-2H (NACE CL. III),API 6D,FIRESAFE PER API 607,NACE MR0175/ISO 15156 COMPLIANT,IMPORTED,KF,E21491922G91	1	
VL-1156	3/4" SW X NPT BALL VALVE	2000	130	3	EXT-187055	VALVE,BALL,LOCKING LEVER OPERATED,NPS 3/4,SOCKET WELD X FNPT,CLASS 800,TWO-PIECE BODY,CARBON STEEL BODY,FULL PORT,BALL MATL= TYPE 316 STAINLESS STEEL,SEAT MATL= RTFE,SEAL MATL= GRAPHITE,GRAPHITE STEM PACKING (FIRE SAFE),316SS TRIM,QUADRANT M2FCSRGSLWT075	1	
		1	30	2	US-123242-01-CMP-01-002-01~1981286	COMPRESSOR OIL SYSTEM	1	
FH-1154	3"-150#RF FLEX HOSE	2000	2021	3	XXXX-50-402028100	HOSE,ASSEMBLY,FLEXIBLE,3" ID,3"-150# RF 304 SS CONNECTIONS,12" LONG,BRAIDED STAINLESS STEEL,MIN. MAWP= 175 PSIG,GAS SERVICE	4	
STR-1150	3"-150#RF FLEX HOSE	2000	2058	3	EXT-115321	STRAINER,Y,RF FLANGED,CLASS 150,NPS 3,CARBON STEEL BODY,#20 MESH,304 SS SCREEN,285 PSI AT 100 DEG F,MODEL YS-61-CS,WITH 1" NPT BLOWOUT OUTLET PLUG,TITAN,3YS61CS	1	
FH-1153	1-1/2"-150#RF FLEX HOSE	2000	2068	3	EXT-156764	HOSE,ASSEMBLY,FLEXIBLE METAL,1-1/2" 150# RF,1-1/2" 150# RF,12" OAL,CARBON STEEL,1" DIAMETER, MANGUERA FLEX ARGENTINA	3	
VL-1154	1"-150#RF BALL VALVE	2000	2078	3	EXT-181576	VALVE,BALL,FLOATING,LOCKING LEVER OPERATED,RAISED FACE,NPS 1,CLASS 150,TWO-PIECE BOLTED BODY,ASTM A216-WCB CAST STEEL BODY,FULL PORT,ASME B16.10 LONG PATTERN,BALL MATL= TYPE 316 STAINLESS STEEL,STEM MATL= TYPE 316 STAINLESS STEEL,SEAT MATL= PTFE,SEAL MATL= HNBR,BOLTING= ASTM A193-B7/A194-2H (NACE CL. III),API 6D,FIRESAFE PER API 607,NACE MR0175/ISO 15156 COMPLIANT,VINTROL	1	

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Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
						INC,410012624699US		
FH-1152	1/2" MNPT FLEX HOSE	2000	2080	3	EXT-155978	HOSE,ASSEMBLY,FLEXIBLE/CORRUGATED ANNULAR,1/2" ID,1/2" MNPT,12" LONG,STAINLESS STEEL,3/4" DIAMETER (NOMINAL),REPLACES P/N 128188007	1	
VL-1153	1-1/2"-150#RF BALL VALVE	2000	2088	3	KF-E21491922G91	VALVE,BALL,FLOATING,LOCKING LEVER OPERATED,RAISED FACE,NPS 1-1/2,CLASS 150,TWO-PIECE BOLTED BODY,CARBON STEEL BODY,FULL PORT,ASME B16.10 LONG PATTERN,BALL MATL= TYPE 316 STAINLESS STEEL,STEM MATL= TYPE 316 STAINLESS STEEL,SEAT MATL= PTFE SEAL MATL= HNBR,BOLTING= ASTM A193-B7/A194-2H (NACE CL. III),API 6D,FIRESAFE PER API 607,NACE MR0175/ISO 15156 COMPLIANT,IMPORTED,KF,E21491922G91	2	
VL-1155	1-1/2" SOCKET WELD BALL VALVE	2000	2108	3	EXT-185418	VALVE,BALL,LOCKING LEVER OPERATED,NPS 1-1/2,SOCKET WELD,CLASS 800,THREE-PIECE BOLTED BODY,ASME SA-216-WCB CAST STEEL BODY,FULL PORT,MAWP= 1973 PSI AT 100 DEG F,BALL MATL= TYPE 316 STAINLESS STEEL,STEM MATL= TYPE 316 STAINLESS STEEL,SEAT MATL= RPTFE,SEAL MATL= GRAPHITE,PACKING MATL= GRAPHITE,BOLTING= ASTM B193-B7,API 608,ASME B16.34,FIRESAFE TO API 607,NACE MR0175 COMPLIANT,ISO 5211, 4 BOLT MOUNTING,QUADRANT,M2FCSRGSLWW150	3	
VL-1150	2" SOCKET WELD BALL VALVE	2000	2118	3	EXT-109425	VALVE,BALL,LOCKING LEVER OPERATED,NPS 2,SOCKET WELD,CLASS 800,THREE-PIECE BOLTED BODY,ASME SA-216-WCB CAST STEEL BODY,FULL PORT,MAWP= 1973 PSIG AT100 DEG F,BALL MATL= TYPE 316 STAINLESS STEEL,STEM MATL= TYPE 316 STAINLESS STEEL,SEAT MATL= RPTFE,SEAL MATL= GRAPHITE,PACKING MATL= GRAPHITE,API 608 COMPLIANT,ASME B16.34,FIRE SAFE TO API 607 4TH EDITION & ISO 10497,NACE MR0175 COMPLIANT,ISO 5211 4 BOLT MOUNTING,QUADRANT,M2FCSRGSLWW200	1	
VN-1151	1/2" MNPT X FNPT NEEDLE VALVE FOR DRAIN	2000	2128	3	EXT-122107	VALVE,NEEDLEMNPT x FNPT,NPS 1/2,PACKED STEM,MAWP=10000 PSI AT 200 DEG F,STRAIGHT,SCREWED BONNET,CARBON STEEL BODY,STEM MATL= TYPE 316 STAINLESS STEEL,SEAT MATL= TYPE 316 STAINLESS STEELPACKING MATL= TEFLON,BALL SEATPGI,V506C6P,	3	
VL-1149	3/4" SW X NPT BALL VALVE	2000	2138	3	EXT-187055	VALVE,BALL,LOCKING LEVER OPERATED,NPS 3/4,SOCKET WELD X FNPT,CLASS 800,TWO-PIECE BODY,CARBON STEEL BODY,FULL PORT,BALL MATL= TYPE 316 STAINLESS STEEL,SEAT MATL= RTFE,SEAL MATL= GRAPHITE,GRAPHITE STEM PACKING (FIRE SAFE),316SS TRIM,QUADRANT M2FCSRGSLWT075	2	

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Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
VL-1156	3"-150#RF BALL VALVE	2000	2150	3	EXT-185293	VALVE,BALL,FLOATING,LOCKING LEVER OPERATED,RAISED FACE,NPS 3,CLASS 150,TWO-PIECE BOLTED BODY,ASTM A216-WCB CAST STEEL BODY,FULL PORT,ASME B16.10 LONG PATTERN,BALL MATL= TYPE 316 STAINLESS STEEL,STEM MATL= TYPE 316 STAINLESS STEEL,SEAT MATL= PTFE,SEAL MATL= HNBR,BOLTING= ASTM A193-B7/A194-2H (NACE CL. III),API 6D,FIRESAFE PER API 607,NACE MR0175/ISO 15156 COMPLIANT,VINTROL INC,410612634699US	1	
VN-1150	1/4" MNPT X FNPT NEEDLE VALV FOR OIL SAMPLE PORT	2000	2160	3	EXT-121337	VALVE,NEEDLEMNPT x FNPT,NPS 1/4,PACKED STEM,MAWP= 10000 PSI AT 200 DEG F,STRAIGHT,SCREWED BONNET,CARBON STEEL BODY,STEM MATL= TYPE 316 STAINLESS STEEL,SEAT MATL= TYPE 316 STAINLESS STEELPACKING MATL= TEFLON,BALL SEATPGI,V500C6P,	1	
		1	40	2	US-123242-01-CMP-01-001~1981282	PROCESS P&ID	1	
BR-1111; BR-1113;	4"-300#RF BLEED RING; ;	2000	1025	3	SPRT0400B00501M0150CA	RING,BLEED,NPS 4,CLASS 300,RAISED FACE,1-1/2" THICK,1/2" FNPT TAP,1 TAP,CARBON STEEL,ASTM A-105 or A-516-70	2	
LG-1111; LG-1121; LG-1131; LG-1141;	LEVEL GAUGE (1ST STG); LEVEL GAUGE (2ND STG); LEVEL GAUGE (3RD STG); LEVEL GAUGE (4TH STG);	2000	1063	3	PENB-1RL9	GAUGE,LIQUID LEVEL,REFLEX,VISUAL LENGTH= 12.625",TEMPERED BOROSILICATE GLASS LENS,NPS 1/2,FNPT,END CONNECTIONS,MAWP= 1740 PSI AT 200 DEG F,MODEL 1RL9,OVERALL LENGTH= 14.125",NON-ASBESTOS GASKETS,PENBERTHY,1RL9CS12NPTFE	4	
LGV-1111; LGV-1121; LGV-1131; LGV-1141;	GAUGE COCK VALVE (1ST STG); GAUGE COCK VALVE (2ND STG); GAUGE COCK VALVE (3RD STG); GAUGE COCK VALVE (4TH STG);	2000	1069	3	XXXZ-602552	GAUGECOCK,3/4",SPHERICAL UNION MNPT VESSEL CONNECTION,1/2" GAUGE CONNECTION,RIGID FNPT GAUGE CONNECTION,OFFSET PATTERN,1/2" FNPT VENT/DRAIN CONNECTION,FORGED CARBON STEEL BODY,INTEGRAL BONNET,INTEGRAL SEAT,WITH BALL CHECK SHUT-OFF,W/ STD PITCH THREAD HANDWHEEL,MODEL 330J,PRESSURE RATING: 3900 PSIG AT 200 DEG F,PENBERTHY,330J	4	
PCV-1111; PCV-1114; PCV-1121; PCV-1124; PCV-1131; PCV-1134; PCV-1141; PCV-1144;	PRESSURE REGULATOR (0-60 PSI); ; ; ; ; ; ; ;	2000	1100	3	FISH-67CF166338512	REGULATOR,PRESSURE,DIRECT OPERATED,AIR/GAS,NPS 1/4,FNPT,OUTLET PRESSURE= 0/60 PSI,ALUMINUM BODY,DIAPHRAGM MATL= NBR,SEAL MATL= HNBR,PRESSURE RANGE: 0-250 PSIG, 1/4"NPT VENT, SQUARE HEAD WITH CLOSING CAP, GLASS FILTER (5 MICRONS), BRASS DRAIN VALVE (STANDARD), DRAIN VALVE LOCATION - ALIGNED WITH INLET (STANDARD), SPRING CASE VENT LOCATION – ALIGNED WITH INLET (STANDARD), BRASS PRESSURE GAUGE, 0-60 PSIG, TRIPLE SCALE,FISHER,67CF166338512	8	

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TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
PCV-1111A; PCV-1111B;	PRESSURE REGULATOR (0-125PSIG);; ;	2000	1102	3	FISH-67CF166338550	REGULATOR,PRESSURE REDUCING,DIRECT OPERATED,NPS 1/4,NPT,INLET PRESSURE (MAX)= 250 PSI,OUTLET PRESSURE= 125 PSI,ORIFICE DIA= 1/8",ALUMINUM BODY,BONNET MATL = ALUMINUM,DIAPHRAGM MATL= NBR,SEAT MATL= VITON/HNBR,INTERNAL RELIEF VALVE,0-160 PSIG GAUGE,UHMWPE 5 MICRON FILTER,BRASS TRIM MATL,BRASS FILTER DRAIN,-20 TO 180 DEG F TEMPERATURE RANGE,FISHER,67CF166338550	2	
LC/LCV-1111; LC/LCV-1121; LC/LCV-1131; LC/LCV-1141;	2" MNPT LEVEL CONTROLLER AND DUMP VALVE (1ST STG); 2" MNPT LEVEL CONTROLLER AND DUMP VALVE (2ND STG); 2" MNPT LEVEL CONTROLLER AND DUMP VALVE (3RD STG); 2" MNPT LEVEL CONTROLLER AND DUMP VALVE (4TH STG);	2000	1111	3	EXT-164595	KIT,LEVEL CONTROL,FOR SCRUBBER DUMP,MODEL SLS2120-LR,INCLUDES MODEL LS200 - 2" MNPT SPDT LEVEL SWITCH WITH 304 SS FLOAT,MODEL DVU2120 - 2" MNPT X 1" FNPT CARBON STEEL BODY DUMP VALVE WITH 0.436" 303 STAINLESS STEEL TRIM,REVERSE ACTING ACTUATOR,30-70 PSIG RANGE,FAIL CLOSE,MODEL LS200NDVO - 2" MNPT PNEUMATIC OPERATED SNAP ACTING LEVEL CONTROLLER WITH DUMP VALVE OPERATOR,MURPHY,15700793	4	
VL-1123	3"-300#RF BALL VALVE	2000	1123	3	BALO-3F-F33N-RF	VALVE,BALL,FLOATING,LOCKING LEVER OPERATED,RAISED FACE,NPS 3,CLASS 300,CARBON STEEL BODY,FULL PORT,ASME B16.10 LONG PATTERN,BALL MATL= TYPE 316 STAINLESS STEEL,STEM MATL= TYPE 316 STAINLESS STEEL,SEAT MATL= NYLON,SEAL MATL= FLUOROCARBON/TFE,NACE MR0175 COMPLIANT,BALON,3FF33NRF	1	
VL-1133	3"-600#RF BALL VALVE	2000	1133	3	BALO-3FF63NRF	VALVE,BALL,FLOATING,LOCKING LEVER OPERATED,RAISED FACE,NPS 3,CLASS 600,CARBON STEEL BODY,FULL PORT,ASME B16.10 LONG PATTERN,BALL MATL= TYPE 316 STAINLESS STEEL,STEM MATL= TYPE 316 STAINLESS STEEL,SEAT MATL= NYLON,SEAL MATL= FLUOROCARBON/TFE,NACE MR0175 COMPLIANT,BALON,3FF63NRF	1	
VN-1111; VN-1113; VN-1123; VN-1133; VN-1143;	1/2" MNPT X FNPT NEEDLE VALVE (EXTENDED NECK); ; ; ; ;	2000	1163	3	EXT-120314	VALVE,NEEDLE,GAUGEMNPT x FNPT,NPS 1/2,PACKED STEM,MAWP= 10,000 PSI AT 200 DEG F,STRAIGHT,SCREWED BONNET,CARBON STEEL BODYPACKING MATL= PTFE,T-BAR HANDLE,EXTENDED INLET BODYPRECISION INSTRUMENT MANIFOLDS,P1M4W4TAXXEK100,	5	

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TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
VCAP-1144	6" VENT CAP ON PROCESS PSV VENT AND BLOWDOWN VENT	2000	1173	3	SCLI-WCL6	CAP,RAIN,6",NPS,YELLOW JACKET,PVC,WITH LANYARD AND ANCHOR RING,FOR RELIEF VALVE,SCIENTIFIC LININGS & COATINGS,WCL6	1	
TW-1111A; TW-1121A; TW-1131A; TW-1141A;	3/4" MNPT THERMOWELL; ; ; ;	2000	1183	3	REOT-060X045T304-NPSM	THERMOWELL,3/4" MNPT PROCESS CONNECTION,1/2" FNPSM INSTRUMENT CONNECTION,4-1/2" U,TAPERED SHANK,0.26" BORE,6" STEM LENGTH,304 STAINLESS STEEL,REOTEMP,ST6304T	4	
TW-1113A; TW-1113B; TW-1123A; TW-1123B; TW-1133; TW-1143;	3/4" MNPT THERMOWELL (4" STEM LENGTH); ; ; ; ; ;	2000	1203	3	REOT-040X025T304	THERMOWELL,3/4" MNPT PROCESS CONNECTION,1/2" FNPT INSTRUMENT CONNECTION,2-1/2" U,TAPERED SHANK,0.26" BORE,4" STEM LENGTH,304 STAINLESS STEEL,REOTEMP,ST4304T	6	
BR-1133	3"-600#RF BLEED RING	2000	1213	3	EXT-176957	RING,BLEED,NPS 3,CLASS 600,RAISED FACE,1-1/2" THICK,1/2" FNPT TAP,1 TAP,STEEL,ASME SA-516-70	1	
FO-1112A; FO-1112B;	8"-150#RF ORIFICE PLATE (ID = 5.3750"); ;	2000	1223	3	EXT-116692	PLATE,ORIFICE,PADDLE,NPS 8,RAISED FACE,CLASS 150,ORIFICE ID= 5.3750",STRAIGHT PROFILE,CONCENTRIC BORE,3/8" THICK,PHONO FINISH,COMPLIANT TO ASME B16.5,STAINLESS STEEL,ASME SA-240-304	4	
FO-1113A; FO-1113B;	8"-150#RF ORIFICE PLATE (ID = 4.5000"); ;	2000	1233	3	EXT-134682	PLATE,ORIFICE,PADDLE,NPS 8,RAISED FACE,CLASS 150,ORIFICE ID= 4.5000",STRAIGHT PROFILE,CONCENTRIC BORE,3/8" THICK,PHONO FINISH,COMPLIANT TO ASME B16.5,STAINLESS STEEL,ASME SA-240-304	4	
BR-1123	3"-300#RF BLEED RING	2000	1243	3	EXT-185408	RING,BLEED,NPS 3,CLASS 300,RAISED FACE,1-1/2" THICK,1/2" FNPT TAP,1 TAP,CARBON STEEL,ASTM A-105 or A-516-70	1	
FO-1121A	12"-300#RF ORIFICE PLATE (ID = 12.000")	2000	1253	3	EXT-110925	PLATE,ORIFICE,PADDLE,NPS 12,RAISED FACE,CLASS 300,ORIFICE ID= 12.0000",STRAIGHT PROFILE,CONCENTRIC BORE,1/4" THICK,PHONO FINISH,COMPLIANT TO ASME B16.5,STAINLESS STEEL,ASME SA-240-304	1	
TS-1121; TS-SPARE;	12"-300#RF BASKET STRAINER; SPARE (SHIP LOOSE);	2000	1263	3	EXT-121423	STRAINER,BASKET,TO FIT NPS 12,CLASS 300,RAISED FACE,STD,20" OVERALL LENGTH,CS BODY,#60 MESH,304 SS MESH,200 PERCENT OPEN AREA,MESH OUTSIDE,1/4" THICK FLANGE,150 DEG F MAX TEMP	2	

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TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
TS-1131; TS-SPARE;	8"-300#RF BASKET STRAINER; SPARE (SHIP LOOSE);	2000	1273	3	EXT-121425	STRAINER,BASKET,TO FIT NPS 8,CLASS 300,RAISED FACE,S40/STD,14" OVERALL LENGTH,CS BODY,#60 MESH,304 SS MESH,200 PERCENT OPEN AREA,MESH OUTSIDE,1/4" THICK FLANGE,150 DEG F MAX TEMP	2	
TS-1141; TS-SPARE;	6"-600#RF BASKET STRAINER; SPARE (SHIP LOOSE);	2000	1283	3	EXT-140125	STRAINER,BASKET,TO FIT NPS 6,CLASS 600,RAISED FACE,S80/XH,11" OVERALL LENGTH,CS BODY,1/8" DIA PERFORATIONS ON 3/16" CENTERS,#60 MESH,304 SS MESH,200 PERCENT OPEN AREA,MESH OUTSIDE,1/8" THICK FLANGE,200 DEG F MAX TEMP,MINIMUM TEMPERATURE RATING: -20 DEG F,1/8" PERFORATED BACK SUPPORT	2	
FO-1122A; FO-1122B;	12"-300#RF ORIFICE PLATE (ID = 8.0000"); ;	2000	1293	3	EXT-105460	PLATE,ORIFICE,PADDLE,NPS 12,RAISED FACE,CLASS 300,ORIFICE ID= 8.0000",STRAIGHT PROFILE,CONCENTRIC BORE,1/4" THICK,PHONO FINISH,COMPLIANT TO ASME B16.5,STAINLESS STEEL,ASME SA-240-304	2	
FO-1123C	8"-300#RF ORIFICE PLATE (ID = 5.3750")	2000	1303	3	EXT-104823	PLATE,ORIFICE,PADDLE,NPS 8,RAISED FACE,CLASS 300,ORIFICE ID= 5.3750"CONCENTRIC BORE,1/4" THICK,PHONO FINISH,COMPLIANT TO ASME B16.5,STAINLESS STEEL,ASME SA-240-304	1	
FO-1131	8"-300#RF ORIFICE PLATE (ID = 7.9810")	2000	1313	3	EXT-104777	PLATE,ORIFICE,PADDLE,NPS 8,RAISED FACE,CLASS 300,ORIFICE ID= 7.9810"CONCENTRIC BORE,1/4" THICK,PHONO FINISH,COMPLIANT TO ASME B16.5,STAINLESS STEEL,ASME SA-240-304	1	
FO-1133	10"-600#RF ORIFICE PLATE (ID = 6.6250")	2000	1323	3	EXT-173077	PLATE,ORIFICE,PADDLE,NPS 10,RAISED FACE,CLASS 600,ORIFICE ID= 6.6250",STRAIGHT PROFILE,CONCENTRIC BORE,1/4" THICK,PHONO FINISH,COMPLIANT TO ASME B16.5,STAINLESS STEEL,ASME SA-240-304	1	
FO-1132	10"-600#RF ORIFICE PLATE (ID = 7.0000")	2000	1333	3	EXT-100430	PLATE,ORIFICE,PADDLE,NPS 10,RAISED FACE,CLASS 600,ORIFICE ID= 7.0000"CONCENTRIC BORE,1/4" THICK,PHONO FINISH,COMPLIANT TO ASME B16.5,STAINLESS STEEL,ASME SA-240-304,ASME B16.5,	1	
FO-1133A	6"-600#RF ORIFICE PLATE (ID = 3.8750")	2000	1343	3	EXT-133113	PLATE,ORIFICE,PADDLE,NPS 6,RAISED FACE,CLASS 600,ORIFICE ID= 3.8750"CONCENTRIC BORE,1/8" THICK,PHONO FINISH,COMPLIANT TO ASME B16.5,STAINLESS STEEL 304	1	
FO-1141A	6"-600#RF ORIFICE PLATE (ID = 5.7610")	2000	1353	3	OPP0600D0012005761SA	PLATE,ORIFICE,PADDLE,NPS 6,RAISED FACE,CLASS 600,ORIFICE ID= 5.7610"CONCENTRIC BORE,1/8" THICK,PHONO FINISH,COMPLIANT TO ASME B16.5,STAINLESS STEEL,ASME SA-240-304	1	
FO-1141B	6"-600#RF ORIFICE PLATE (ID = 4.1250")	2000	1363	3	EXT-103394	PLATE,ORIFICE,PADDLE,NPS 6,RAISED FACE,CLASS 600,ORIFICE ID= 4.1250",STRAIGHT PROFILE,CONCENTRIC BORE,1/8" THICK,PHONO FINISH,COMPLIANT TO ASME B16.5,STAINLESS STEEL,ASME SA-240-304	1	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
FO-1143A	6"-900#RTJ ORIFICE PLATE (ID = 3.8750")	2000	1373	3	AITK-5606900R45-3.875	PLATE,ORIFICE,PADDLE,ORIFICE ID= 3.8750",CONCENTRIC BORE,RING TYPE JOINT,STAINLESS STEEL,ASME SA-240-304,SMOOTH FINISH,ASME B16.5,TYPE 560,INTEGRAL HOLDER,R-45,FITS 6"-900#,AITKEN	1	
FO-1111A	20"-300#RF ORIFICE PLATE (ID = 19.000")	2000	1383	3	EXT-185378	PLATE,ORIFICE,PADDLE,NPS 20,RAISED FACE,CLASS 300,ORIFICE ID= 19.000",CONCENTRIC BORE,3/8" THICK,PHONO FINISH,COMPLIANT TO ASME B16.5,STAINLESS STEEL,ASME SA-240-304,ASME B16.5	1	
TS-1111; TS-SPARE;	20"-300#RF BASKET STRAINER; SPARE (SHIP LOOSE);	2000	1393	3	EXT-185379	STRAINER,BASKET,TO FIT NPS 20,CLASS 300,RAISED FACE,S30,CS BODY,#60 MESH,304 SS MESH,200 PERCENT OPEN AREA,3/8" THICK FLANGE,US-123064	2	
FO-1111B	14"-300#RF ORIFICE PLATE (ID = 12.5000")	2000	1403	3	EXT-185380	PLATE,ORIFICE,PADDLE,NPS 14,RAISED FACE,CLASS 300,ORIFICE ID= 12.500",STRAIGHT PROFILE,CONCENTRIC BORE,3/8" THICK,PHONO FINISH,COMPLIANT TO ASME B16.5,STAINLESS STEEL,ASME SA-240-304	1	
VL-1111A; VL-1111B; VL-1121A; VL-1121B; VL-1131A; VL-1131B; VL-1141;	1" FNPT BALL VALVE; ; ; ; ; ; ;	2000	1413	3	EXT-185411	VALVE,BALL,LOCKING LEVER OPERATED,NPS 1,FNPT,CLASS 800,THREE-PIECE BOLTED BODY,ASME SA-216-WCB CAST STEEL BODY,FULL PORT,MAWP= 1973 PSI AT 100 DEG F,BALL MATL= TYPE 316 STAINLESS STEEL,STEM MATL= TYPE 316 STAINLESS STEEL,SEAT MATL= RPTFE SEAL MATL= GRAPHITE,PACKING MATL= GRAPHITE,BOLTING= ASTM B193-B7,API 608,ASME B16.34,FIRESAFE TO API 607,NACE MR0175 COMPLIANT,ISO 5211, 4 BOLT MOUNTING,QUADRANT,M2FCSRGSLTT100	10	
FO-1113C	14"-300#RF ORIFICE PLATE (ID = 9.1250")	2000	1423	3	EXT-185438	PLATE,ORIFICE,PADDLE,NPS 14,RAISED FACE,CLASS 300,ORIFICE ID= 9.1250",STRAIGHT PROFILE,CONCENTRIC BORE,1/4" THICK,PHONO FINISH,COMPLIANT TO ASME B16.5,STAINLESS STEEL,ASME SA-240-304	1	
TI-1111A; TI-1121A; TI-1131A; TI-1141A;	THERMOMETER (0-250 DEG. F); ; ; ;	2000	1433	3	EXT-185439	THERMOMETER,5" DIAL,0/250 F,+/-1% FULL SCALE (ASME B40.3 GRADE A),NPS 1/2,NPT,BACK CONNECTION w/ADJUSTABLE FACE POSITION,STEM DIAMETER= 1/4",STEM LENGTH= 6",SILICONE FILLED,BLACK ON WHITE DIAL,BLACK POINTER,GLASS LENS,WELDED,CASE MATL= STAINLESS STEEL,CONNECTION MATL= STAINLESS STEEL,REOTEMP,JJ0601F47SFWD	4	
TI-1113A; TI-1113B; TI-1123A; TI-1123B; TI-1133; TI-1143;	THERMOMETER (50-550 DEG. F); ; ; ; ; ;	2000	1443	3	EXT-185440	THERMOMETER,5" DIAL,50/550 F,+/-1% FULL SCALE (ASME B40.3 GRADE A),NPS 1/2,NPT,BACK CONNECTION w/ADJUSTABLE FACE POSITION,STEM DIAMETER= 1/4",STEM LENGTH= 4",SILICONE FILLED,BLACK ON WHITE DIAL,BLACK POINTER,GLASS LENS,WELDED,CASE MATL= STAINLESS STEEL,CONNECTION MATL= STAINLESS STEEL,REOTEMP,JJ0401F69SFWD	6	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
BR-1143	2"-900#RTJ BLEED RING	2000	1453	3	EXT-185445	RING,BLEED,NPS 2,CLASS 900,RING TYPE JOINT,2-1/8" THICK,1/2" FNPT TAP,1 TAP,CARBON STEEL,ASTM A-105 or A-516-70	1	
FO-1121B	14"-300#RF ORIFICE PLATE (ID = 8.7500")	2000	1463	3	EXT-185446	PLATE,ORIFICE,PADDLE,NPS 14,RAISED FACE,CLASS 300,ORIFICE ID= 8.7500",STRAIGHT PROFILE,CONCENTRIC BORE,1/4" THICK,PHONO FINISH,COMPLIANT TO ASME B16.5,STAINLESS STEEL,ASME SA-240-304	1	
FO-1123A; FO-1123B;	12"-300#RF ORIFICE PLATE (ID = 6.8750"); ;	2000	1473	3	EXT-185449	PLATE,ORIFICE,PADDLE,NPS 12,RAISED FACE,CLASS 300,ORIFICE ID= 6.875",STRAIGHT PROFILE,CONCENTRIC BORE,1/4" THICK,PHONO FINISH,COMPLIANT TO ASME B16.5,STAINLESS STEEL,ASME SA-240-304	2	
FO-1131B	8"-300#RF ORIFICE PLATE (ID = 5.5000")	2000	1483	3	EXT-185450	PLATE,ORIFICE,PADDLE,NPS 8,RAISED FACE,CLASS 300,ORIFICE ID= 5.500",CONCENTRIC BORE,1/4" THICK,PHONO FINISH,COMPLIANT TO ASME B16.5,STAINLESS STEEL,ASME SA-240-304,B16.5	1	
FO-1142	8"-1500#RF ORIFICE PLATE (ID = 5.5000")	2000	1493	3	EXT-185453	PLATE,ORIFICE,PADDLE,NPS 8,RAISED FACE,CLASS 1500,ORIFICE ID= 5.500",STRAIGHT PROFILE,CONCENTRIC BORE,1/4" THICK,PHONO FINISH,COMPLIANT TO ASME B16.5,STAINLESS STEEL,ASME SA-240-304	1	
FO-1143	8"-1500#RF ORIFICE PLATE (ID = 5.000")	2000	1503	3	EXT-185454	PLATE,ORIFICE,PADDLE,NPS 8,RAISED FACE,CLASS 1500,ORIFICE ID= 5.000",STRAIGHT PROFILE,CONCENTRIC BORE,1/4" THICK,PHONO FINISH,COMPLIANT TO ASME B16.5,STAINLESS STEEL,ASME SA-240-304	1	
VL-1111; VL-1113;	4"-300#RF BALL VALVE;; ;	2000	1513	3	KF-E23061922G91	VALVE,BALL,FLOATING,LOCKING LEVER OPERATED,RAISED FACE,NPS 4,CLASS 300,TWO-PIECE BOLTED BODY,CARBON STEEL BODY,FULL PORT,ASME B16.10 LONG PATTERN,BALL MATL= TYPE 316 STAINLESS STEEL,STEM MATL= TYPE 316 STAINLESS STEEL,SEAT MATL= PTFE,SEAL MATL= HNBR,BOLTING= ASTM A193-B7/A194-2H (NACE CL. III),API 6D,FIRESAFE PER API 607,NACE MR0175/ISO 15156 COMPLIANT,IMPORTED,KF,E23061922G91	2	
		1	50	2	US-123242-01-EBOM-LONG~1981284	LONG LEAD ITEMS	1	
HTR-1151	Compressor Hotstart	2000	10	3	EXT-181625	HEATER,CIRCULATINGPRIME ADJ T-STAT 100F480 VOLT,12 KW,3 PHASE60HZ, 22A, OIL HEAT, 5HP, 1150 RPM, 57 GPM, 2-1/2" FNPT INLET, 1-1/2" FNPT OUTLET, 75 PSI PRV, 3-POS SWITCH, 24VDC RELAY, CSA-CLASS1, DIV 1&2, GROUP DHOTSTART,OLE31204750,	1	
HTR-1161	Engine Hotstart System	2000	20	3	EXT-181627	HEATER,CIRCULATING,THERMOSTAT RATING= 32 TO 195 DEG F,480VAC,3 PHASE,60HZ 54A DUAL FLUID COOL-30KW 1 1/2HP 40GPM 1 1/4" FNPT 90PSI PRV T-STAT 120F, OIL-9KW 3HP 1750RPM 23GPM 1 1/2" FNPT 75PSI PRV T-STAT 100F 3POS SWITCH, PRIME, 24VDC RELAY CSA D:1 GP:D,HOTSTART,OCLE330009043630	1	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
LT-1181; LT-1182;	Auxiliary Water Surge Tank Level Transmitter; Engine Jacket Water Surge Tank Level Transmitter;	2000	30	3	EXT-185782	TRANSMITTER,LEVEL,GUIDED WAVE RADAR,4-20 mA OUTPUT WITH HART COMMUNICATION, POLYURETHANE COVERED ALUMINUM, HOUSING, 1/2 IN-14 NPT CONDUIT THREADS, OPERATING PRESSURE AND TEMPERATURE: -15 PSIG (-1 BAR) TO 580 PSIG (40 BAR) AT 302 DEG F (150 DEG C), MATERIAL OF CONSTRUCTION FOR PROCESS CONNECTION AND PROBE: 316L SST (EN 1.4404), VITON FLUOROELASTOMER O-RING SEAL, RIGID SINGLE LEAD 0.51 IN (13 MM) PROBE, PROBE LENGTH IN FEET, PROBE LENGTH 2 FT-0 IN, 1 INCH NPT PROCESS CONNECTION, FM EXPLOSION-PROOF CERTIFICATION,ROSEMOUNT,5301HA1S1V4BE00200RBE5	2	
LIT-1181; LIT-1182;	Auxiliary Water Surge Tank Level Indicator; Engine Jacket Water Surge Tank Level Indicator;	2000	40	3	EXT-116783	INDICATOR,REMOTE SIGNAL,0-100% SCALE,WITH LCD DISPLAY, INPUT SIGNAL TYPE 4-20mA DC, FM EXPLOSION PROOF, MOUNTING BRACKET FOR FLAT SURFACE 2" PIPE,ROSEMOUNT,751AM4E5B	2	
		2000	150	3	EXT-188307	CAP,DUST,TURCK FEMALE CONNECTOR THREAD PROTECTOR,7/8" OD,TURCK INC,RSFK-BC	12	
		2000	160	3	EXT-185191	ELECTRICAL RECEPTACLE,4 PINS, 3 CONDUCTORS,600 VOLTS,9 AMP,STAINLESS STEEL,SILVER,7/8 INCH MINIFAST,1/2″-14 NPT INSTRUMENT MOUNT,CLASS I,DIV.2,GROUP C & D,FM Div.2CSA PARoHS APPROVAL, P-RSFV 40 EX-0.15/14.5/NPT,TURCK INC	40	
		2000	170	3	EXT-185367	ELECTRICAL RECEPTACLE,3 PINS, 3 CONDUCTOR,300 VOLTS,4 AMP,YELLOW,7/8 IN MINIFAST,1/2-14 NPT INSTRUMENT MOUNT,TYPE K THERMOCOUPLE CONNECTORS, OUTER CABLE JACKET MATERIAL: PVC COLOR: YELLOW, 2x20 AWG CONDUCTORS RED/YELLOW WITH 22 AWG DRAIN, ALUMINUM POLYESTER FOIL SHIELD, 0.5 METERS LONG LEAD, FM Div.2CSA PARoHS APPROVAL,TURCK INC,PRSFV35214805M145NPT	8	
		2000	180	3	EXT-185193	BOX,JUNCTION,3.86 INCH HIGH,2.52 INCH WIDE,1.36 INCH DEEP,SCREW MOUNT,DIE-CAST ALUMINUM,FM Div.1FM Div.2,4 PORT, 4 PIN,WITH 1 1/8" SIDE-MOUNT HOMERUN PORT,TURCK INC,P4RKFV40RSFV100	6	
		2000	190	3	EXT-185194	BOX,JUNCTION,7.30 INCH HIGH,2.52 INCH WIDE,1.71 INCH DEEP,SCREW MOUNT,DIE-CAST ALUMINUM,BLACK POWDER COAT,FM Div.1FM Div.2,8 PORT, 4 PIN,WITH 1 1/8" SIDE-MOUNT HOMERUN PORT,TURCK INC,P8RKFV40RSFV190	2	
		2000	200	3	EXT-185195	BOX,JUNCTION,3.86 INCH HIGH,2.52 INCH WIDE,1.36 INCH DEEP,SCREW MOUNT,DIE-CAST ALUMINUM,BLACK POWDER COAT,FM Div.1FM Div.2,4 PORT, 3 PIN,WITH 1 1/8" SIDE-MOUNT HOMERUN PORT,TURCK INC,P4RKFV35RSFV1235	8	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
		2000	210	3	EXT-187531	ELECTRICAL RECEPTACLE,10 PINS, 10 CONDUCTORS,600 VOLTS,8 AMP,STAINLESS STEEL,SILVER,1-1/8 INCH MINIFAST,3/4″-14 NPT INSTRUMENT MOUNT,CLASS I,DIV.2,GROUP C & D,FM Div.2CSA PARoHS APPROVAL,TURCK INC,PRKFV101EX3M1475NPT	8	
		2000	220	3	EXT-187532	ELECTRICAL RECEPTACLE,19 PINS, 18 CONDUCTORS,600 VOLTS,4 AMP,STAINLESS STEEL,SILVER,1-1/8 INCH MINIFAST,3/4″-14 NPT INSTRUMENT MOUNT,CLASS I,DIV.2,GROUP C & D,FM Div.2CSA PARoHS APPROVAL,TURCK INC,PRKFV190EX3M145NPT	2	
		2000	230	3	EXT-187533	ELECTRICAL RECEPTACLE,PIN AND SLEEVE,12 PINS, 10x20 AWG CONDUCTORS,300 VOLTS,4 AMP,STAINLESS STEEL,SILVER,DRAIN WIRE,1-1/8 INCH MINIFAST,M20x1.5-6G INSTRUMENT MOUNT,CLASS I,DIV.2,GROUP C & D,NEMA 6P,FM Div.2CSA PARoHS APPROVAL,TURCK INC PRKFV123521493M20	8	
		2000	233	3	EXT-185307	CABLE,ELECTRICAL,4 CONDUCTOR,INSTRUMENT,1 METERS LONG,300 VOLTS,PVC/NYLON INSULATED,CONTACT CARRIER MATERIAL: TPU,MOLDED ANGLED HEAD MATERIAL: TPU/BLACK, CONTACT MATERIAL/PLATING: BRASS & GOLD, RECEPTICLE MATERIAL: SS/PASSIVATED, COUPLING NUT MATERIAL/FINISH: SS/PASSIVATED, RATED CURRENT: 9A, NUMBER OF CONDUCTORS: 3x18 AWG, DRAIN SHIELD: 20 AWG/ALUMINUM FOIL SHIELD, TEMP RATING: -40 TO 221 DEG F, PROTECTION CLASS: MEETS NEMA 1,3,4,6P AND IP68, 1 SHIELDED TWISTED PAIR, 1 GROUND, 1 DRAIN CONDUCTOR ARRANGEMENT, RATING: UL:ITC-ER/PLTC-ER,105C DIRECT BURIAL, 300V, ABS CERTIFIED: IEEE 1202/FT4; IEEE 1580; IEC 60332-3-22,TURCK INC,PWSVWKV403301M	4	
		2000	236	3	EXT-188304	CABLE,ELECTRICAL,4 CONDUCTOR,INSTRUMENT,2 METERS LONG,300 VOLTS,PVC/NYLON INSULATED,CONTACT CARRIER MATERIAL: TPU,MOLDED ANGLED HEAD MATERIAL: TPU/BLACK, CONTACT MATERIAL/PLATING: BRASS & GOLD, RECEPTICLE MATERIAL: SS/PASSIVATED, COUPLING NUT MATERIAL/FINISH: SS/PASSIVATED, RATED CURRENT: 9A, NUMBER OF CONDUCTORS: 3x18 AWG, DRAIN SHIELD: 20 AWG/ALUMINUM FOIL SHIELD, TEMP RATING: -40 TO 221 DEG F, PROTECTION CLASS: MEETS NEMA 1,3,4,6P AND IP68, 1 SHIELDED TWISTED PAIR, 1 GROUND, 1 DRAIN CONDUCTOR ARRANGEMENT, RATING: UL:ITC-ER/PLTC-ER,105C DIRECT BURIAL, 300V, ABS CERTIFIED: IEEE 1202/FT4; IEEE 1580; IEC 60332-3-22,TURCK INC,PWSVWKV403302M	1	
		2000	240	3	EXT-185309	CABLE,ELECTRICAL,4 CONDUCTOR,INSTRUMENT,3 METERS LONG,300 VOLTS,PVC/NYLON INSULATED,CONTACT CARRIER MATERIAL: TPU,MOLDED ANGLED HEAD MATERIAL: TPU/BLACK, CONTACT MATERIAL/PLATING: BRASS & GOLD, RECEPTICLE MATERIAL: SS/PASSIVATED, COUPLING NUT MATERIAL/FINISH: SS/PASSIVATED, RATED CURRENT: 9A, NUMBER OF CONDUCTORS: 3x18 AWG, DRAIN SHIELD: 20 AWG/ALUMINUM FOIL SHIELD, TEMP	5	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
						RATING: -40 TO 221 DEG F, PROTECTION CLASS: MEETS NEMA 1,3,4,6P AND IP68, 1 SHIELDED TWISTED PAIR, 1 GROUND, 1 DRAIN CONDUCTOR ARRANGEMENT, RATING: UL:ITC-ER/PLTC-ER,105C DIRECT BURIAL, 300V, ABS CERTIFIED: IEEE 1202/FT4; IEEE 1580; IEC 60332-3-22,TURCK INC,PWSVWKV403303M		
		2000	245	3	EXT-187987	CABLE,ELECTRICAL,4 CONDUCTOR,INSTRUMENT,4 METERS LONG,300 VOLTS,PVC/NYLON INSULATED,CONTACT CARRIER MATERIAL: TPU,MOLDED ANGLED HEAD MATERIAL: TPU/BLACK, CONTACT MATERIAL/PLATING: BRASS & GOLD, RECEPTICLE MATERIAL: SS/PASSIVATED, COUPLING NUT MATERIAL/FINISH: SS/PASSIVATED, RATED CURRENT: 9A, NUMBER OF CONDUCTORS: 3x18 AWG, DRAIN SHIELD: 20 AWG/ALUMINUM FOIL SHIELD, TEMP RATING: -40 TO 221 DEG F, PROTECTION CLASS: MEETS NEMA 1,3,4,6P AND IP68, 1 SHIELDED TWISTED PAIR, 1 GROUND, 1 DRAIN CONDUCTOR ARRANGEMENT, RATING: UL:ITC-ER/PLTC-ER,105C DIRECT BURIAL, 300V, ABS CERTIFIED: IEEE 1202/FT4; IEEE 1580; IEC 60332-3-22,TURCK INC,PWSVWKV403304M	6	
		2000	250	3	EXT-185310	CABLE,ELECTRICAL,4 CONDUCTOR,INSTRUMENT,5 METERS LONG,300 VOLTS,PVC/NYLON INSULATED,CONTACT CARRIER MATERIAL: TPU,MOLDED ANGLED HEAD MATERIAL: TPU/BLACK, CONTACT MATERIAL/PLATING: BRASS & GOLD, RECEPTICLE MATERIAL: SS/PASSIVATED, COUPLING NUT MATERIAL/FINISH: SS/PASSIVATED, RATED CURRENT: 9A, NUMBER OF CONDUCTORS: 3x18 AWG, DRAIN SHIELD: 20 AWG/ALUMINUM FOIL SHIELD, TEMP RATING: -40 TO 221 DEG F, PROTECTION CLASS: MEETS NEMA 1,3,4,6P AND IP68, 1 SHIELDED TWISTED PAIR, 1 GROUND, 1 DRAIN CONDUCTOR ARRANGEMENT, RATING: UL:ITC-ER/PLTC-ER,105C DIRECT BURIAL, 300V, ABS CERTIFIED: IEEE 1202/FT4; IEEE 1580; IEC 60332-3-22,TURCK INC,PWSVWKV403305M	5	
		2000	260	3	EXT-185312	CABLE,ELECTRICAL,4 CONDUCTOR,INSTRUMENT,8 METERS LONG,300 VOLTS,PVC/NYLON INSULATED,CONTACT CARRIER MATERIAL: TPU,MOLDED ANGLED HEAD MATERIAL: TPU/BLACK, CONTACT MATERIAL/PLATING: BRASS & GOLD, RECEPTICLE MATERIAL: SS/PASSIVATED, COUPLING NUT MATERIAL/FINISH: SS/PASSIVATED, RATED CURRENT: 9A, NUMBER OF CONDUCTORS: 3x18 AWG, DRAIN SHIELD: 20 AWG/ALUMINUM FOIL SHIELD, TEMP RATING: -40 TO 221 DEG F, PROTECTION CLASS: MEETS NEMA 1,3,4,6P AND IP68, 1 SHIELDED TWISTED PAIR, 1 GROUND, 1 DRAIN CONDUCTOR ARRANGEMENT, RATING: UL:ITC-ER/PLTC-ER,105C DIRECT BURIAL, 300V, ABS CERTIFIED: IEEE 1202/FT4; IEEE 1580; IEC 60332-3-22,TURCK INC,PWSVWKV403308M	2	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
		2000	270	3	EXT-185315	CABLE,ELECTRICAL,4 CONDUCTOR,INSTRUMENT,10 METERS LONG,300 VOLTS,PVC/NYLON INSULATED,CONTACT CARRIER MATERIAL: TPU,MOLDED ANGLED HEAD MATERIAL: TPU/BLACK, CONTACT MATERIAL/PLATING: BRASS & GOLD, RECEPTICLE MATERIAL: SS/PASSIVATED, COUPLING NUT MATERIAL/FINISH: SS/PASSIVATED, RATED CURRENT: 9A, NUMBER OF CONDUCTORS: 3x18 AWG, DRAIN SHIELD: 20 AWG/ALUMINUM FOIL SHIELD, TEMP RATING: -40 TO 221 DEG F, PROTECTION CLASS: MEETS NEMA 1,3,4,6P AND IP68, 1 SHIELDED TWISTED PAIR, 1 GROUND, 1 DRAIN CONDUCTOR ARRANGEMENT, RATING: UL:ITC-ER/PLTC-ER,105C DIRECT BURIAL, 300V, ABS CERTIFIED: IEEE 1202/FT4; IEEE 1580; IEC 60332-3-22,TURCK INC,PWSVWKV4033010M	5	
		2000	280	3	EXT-186125	CABLE,ELECTRICAL,4 CONDUCTOR,INSTRUMENT,300 VOLTS,PVC/NYLON INSULATED,12 METERS LONG, CONTACT CARRIER MATERIAL: TPU,MOLDED ANGLED HEAD MATERIAL: TPU/BLACK, CONTACT MATERIAL/PLATING: BRASS & GOLD, RECEPTICLE MATERIAL: SS/PASSIVATED, COUPLING NUT MATERIAL/FINISH: SS/PASSIVATED, RATED CURRENT: 9A, NUMBER OF CONDUCTORS: 3x18 AWG, DRAIN SHIELD: 20 AWG/ALUMINUM FOIL SHIELD, TEMP RATING: -40 TO 221 DEG F, PROTECTION CLASS: MEETS NEMA 1,3,4,6P AND IP68, 1 SHIELDED TWISTED PAIR, 1 GROUND, 1 DRAIN CONDUCTOR ARRANGEMENT, RATING: UL:ITC-ER/PLTC-ER,105C DIRECT BURIAL, 300V, ABS CERTIFIED: IEEE 1202/FT4; IEEE 1580; IEC 60332-3-22,TURCK INC,PWSVWKV4033012M	5	
		2000	290	3	EXT-185338	CABLE,ELECTRICAL,10 CONDUCTOR,INSTRUMENT,4 METERS LONG,600 VOLTS,PVC/NYLON INSULATED,CONTACT CARRIER MATERIAL: TPU,MOLDED HEAD MATERIAL: TPU/BLACK, CONTACT MATERIAL/PLATING: BRASS & GOLD, RECEPTICLE MATERIAL: SS/PSSIVATED, COUPLING NUT MATERIAL/FINISH: SS/PASSIVATED, RATED CURRENT 7A, NUMBER OF CONDUCTORS: 9x18 AWG , CONDUCTOR ARRANGEMENT: 4 SHIELDED TWISTED PAIRS w/DRAIN, DRAIN/SHIELD: 5x20 AWG DRAINS w/FOIL SHIELD, TEMP RATING: -40 TO 221 DEG F,PROTECTION CLASS MEETS NEMA 1,3,4,6P AND IP68,CONDUCTOR ARRANGEMENT 8 SHIELDED TWISTED PAIRS W DRAIN, 1 DRAIN,1 GROUND, CABLE RATING UL:ITC-ER/PLTC-ER,105C DIRECT BURIAL, 300V, ABS CERTIFIED: IEEE 1202/FT4; IEEE 1580; IEC 60332-3-22,TURCK INC,PRSVRKV1014894M	1	
		2000	300	3	EXT-185339	CABLE,ELECTRICAL,10 CONDUCTOR,INSTRUMENT,8 METERS LONG,600 VOLTS,PVC/NYLON INSULATED,CONTACT CARRIER MATERIAL: TPU,MOLDED HEAD MATERIAL: TPU/BLACK, CONTACT MATERIAL/PLATING: BRASS & GOLD, RECEPTICLE MATERIAL: SS/PSSIVATED, COUPLING NUT MATERIAL/FINISH: SS/PASSIVATED, RATED CURRENT 7A, NUMBER OF CONDUCTORS: 9x18 AWG , CONDUCTOR ARRANGEMENT: 4 SHIELDED TWISTED PAIRS w/DRAIN,	2	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
						DRAIN/SHIELD: 5x20 AWG DRAINS w/FOIL SHIELD, TEMP RATING: -40 TO 221 DEG F,PROTECTION CLASS MEETS NEMA 1,3,4,6P AND IP68,CONDUCTOR ARRANGEMENT 8 SHIELDED TWISTED PAIRS W DRAIN, 1 DRAIN,1 GROUND, CABLE RATING UL:ITC-ER/PLTC-ER,105C DIRECT BURIAL, 300V, ABS CERTIFIED: IEEE 1202/FT4; IEEE 1580; IEC 60332-3-22,TURCK INC,PRSV RKV 1014898M		
		2000	310	3	EXT-186134	CABLE,ELECTRICAL,10 CONDUCTOR,INSTRUMENT,10 METERS LONG,600 VOLTS,PVC/NYLON INSULATED,CONTACT CARRIER MATERIAL: TPU,MOLDED HEAD MATERIAL: TPU/BLACK, CONTACT MATERIAL/PLATING: BRASS & GOLD, RECEPTICLE MATERIAL: SS/PSSIVATED, COUPLING NUT MATERIAL/FINISH: SS/PASSIVATED, RATED CURRENT 7A, NUMBER OF CONDUCTORS: 9x18 AWG , CONDUCTOR ARRANGEMENT: 4 SHIELDED TWISTED PAIRS w/DRAIN, DRAIN/SHIELD: 5x20 AWG DRAINS w/FOIL SHIELD, TEMP RATING: -40 TO 221 DEG F,PROTECTION CLASS MEETS NEMA 1,3,4,6P AND IP68,CONDUCTOR ARRANGEMENT 8 SHIELDED TWISTED PAIRS W DRAIN, 1 DRAIN,1 GROUND, CABLE RATING UL:ITC-ER/PLTC-ER,105C DIRECT BURIAL, 300V, ABS CERTIFIED: IEEE 1202/FT4; IEEE 1580; IEC 60332-3-22,TURCK INC,PRSVRKV10148910M	5	
		2000	330	3	EXT-186136	CABLE,ELECTRICAL,10 CONDUCTOR,INSTRUMENT,600 VOLTS,PVC/NYLON INSULATED,20 METERS LONG, CONTACT CARRIER MATERIAL: TPU,MOLDED HEAD MATERIAL: TPU/BLACK, CONTACT MATERIAL/PLATING: BRASS & GOLD, RECEPTICLE MATERIAL: SS/PSSIVATED, COUPLING NUT MATERIAL/FINISH: SS/PASSIVATED, RATED CURRENT 7A, NUMBER OF CONDUCTORS: 9x18 AWG , CONDUCTOR ARRANGEMENT: 4 SHIELDED TWISTED PAIRS w/DRAIN, DRAIN/SHIELD: 5x20 AWG DRAINS w/FOIL SHIELD, TEMP RATING: -40 TO 221 DEG F,PROTECTION CLASS MEETS NEMA 1,3,4,6P AND IP68,CONDUCTOR ARRANGEMENT 8 SHIELDED TWISTED PAIRS W DRAIN, 1 DRAIN,1 GROUND, CABLE RATING UL:ITC-ER/PLTC-ER,105C DIRECT BURIAL, 300V, ABS CERTIFIED: IEEE 1202/FT4; IEEE 1580; IEC 60332-3-22,TURCK INC,PRSVRKV10148920M	1	
		2000	340	3	EXT-185230	CABLE,ELECTRICAL,16 CONDUCTOR,INSTRUMENT,8 METERS LONG,300 VOLTS,PVC/NYLON INSULATED,CONTACT CARRIER MATERIAL TPU,MOLDED HEAD MATERIAL TPU/BLACK, CONTACT MATERIAL/PLATING BRASS & GOLD, RECEPTICLE MATERIAL SS/PSSIVATED, COUPLING NUT MATERIAL/FINISH SS/PASSIVATED, RATED CURRENT 4A (PINS 5,7,12) 2A (ALL OTHERS),10 CONDUCTOR, 16x22 AWG,1x18 AWG,DRAIN SHIELD 9x22 AWG /ALUM.-POLYESTER FOIL (PAIRS AND OVERALL), TEMP RATING -76 TO 221 DEG F,PROTECTION CLASS MEETS NEMA 1,3,4,6P AND IP68,CONDUCTOR ARRANGEMENT 8 SHIELDED TWISTED PAIRS W DRAIN, 1 DRAIN,1 GROUND, CABLE RATING UL:ITC-ER/PLTC-ER,105C DIRECT BURIAL, 300V, ABS CERTIFIED: IEEE 1202/FT4; IEEE 1580; IEC 60332-3-	2	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
						22,TURCK INC,PRSVRKV1901484XL8M		
		2000	380	3	EXT-186140	CABLE,ELECTRICAL,10 CONDUCTOR,INSTRUMENT,3 METERS LONG,300 VOLTS,PVC/NYLON INSULATED,CONTACT CARRIER MATERIAL TPU,MOLDED HEAD MATERIAL TPU/BLACK, CONTACT MATERIAL/ALUMEL & CHROMEL, COUPLING NUT MATERIAL/FINISH SS/PASSIVATED, RATED CURRENT T/C SIGNAL ONLY,10 CONDUCTOR,20 AWG,DRAIN SHIELD 22 AWG,/ALUM.-POLYESTER FOIL, TEMP RATING -40 TO 221 DEG F,PROTECTION CLASS MEETS NEMA 1,3,4,6P AND IP67,CONDUCTOR ARRANGEMENT 5X UNSHIELDED TWISTED PAIRS, 1 DRAIN,CABLE RATING UL:PLTC,105C 300V,TURCK INC,PRSVRKV123521493M	1	
		2000	390	3	EXT-186141	CABLE,ELECTRICAL,10 CONDUCTOR,INSTRUMENT,5 METERS LONG,300 VOLTS,PVC/NYLON INSULATED,CONTACT CARRIER MATERIAL TPU,MOLDED HEAD MATERIAL TPU/BLACK, CONTACT MATERIAL/ALUMEL & CHROMEL, COUPLING NUT MATERIAL/FINISH SS/PASSIVATED, RATED CURRENT T/C SIGNAL ONLY,10 CONDUCTOR,20 AWG,DRAIN SHIELD 22 AWG,/ALUM.-POLYESTER FOIL, TEMP RATING -40 TO 221 DEG F,PROTECTION CLASS MEETS NEMA 1,3,4,6P AND IP67,CONDUCTOR ARRANGEMENT 5X UNSHIELDED TWISTED PAIRS, 1 DRAIN,CABLE RATING UL:PLTC,105C 300V,TURCK INC,PRSVRKV123521495M	1	
		2000	400	3	EXT-185221	CABLE,ELECTRICAL,10 CONDUCTOR,INSTRUMENT,8 METERS LONG,300 VOLTS,PVC/NYLON INSULATED,CONTACT CARRIER MATERIAL TPU,MOLDED HEAD MATERIAL TPU/BLACK, CONTACT MATERIAL/ALUMEL & CHROMEL, COUPLING NUT MATERIAL/FINISH SS/PASSIVATED, RATED CURRENT T/C SIGNAL ONLY,10 CONDUCTOR,20 AWG,DRAIN SHIELD 22 AWG,/ALUM.-POLYESTER FOIL, TEMP RATING -40 TO 221 DEG F,PROTECTION CLASS MEETS NEMA 1,3,4,6P AND IP67,CONDUCTOR ARRANGEMENT 5X UNSHIELDED TWISTED PAIRS, 1 DRAIN,CABLE RATING UL:PLTC,105C 300V,TURCK INC,PRSVRKV123521498M	3	
		2000	410	3	EXT-186142	CABLE,ELECTRICAL,10 CONDUCTOR,INSTRUMENT,10 METERS LONG,300 VOLTS,PVC/NYLON INSULATED,CONTACT CARRIER MATERIAL TPU,MOLDED HEAD MATERIAL TPU/BLACK, CONTACT MATERIAL/ALUMEL & CHROMEL, COUPLING NUT MATERIAL/FINISH SS/PASSIVATED, RATED CURRENT T/C SIGNAL ONLY,10 CONDUCTOR,20 AWG,DRAIN SHIELD 22 AWG,/ALUM.-POLYESTER FOIL, TEMP RATING -40 TO 221 DEG F,PROTECTION CLASS MEETS NEMA 1,3,4,6P AND IP67,CONDUCTOR ARRANGEMENT 5X UNSHIELDED TWISTED PAIRS, 1 DRAIN,CABLE RATING UL:PLTC,105C 300V,TURCK INC,PRSVRKV1235214910M	8	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
		2000	430	3	EXT-186143	CABLE,ELECTRICAL,10 CONDUCTOR,INSTRUMENT,300 VOLTS,PVC/NYLON INSULATED,20 METERS LONG, CONTACT CARRIER MATERIAL TPU,MOLDED HEAD MATERIAL TPU/BLACK, CONTACT MATERIAL/ALUMEL & CHROMEL, COUPLING NUT MATERIAL/FINISH SS/PASSIVATED, RATED CURRENT T/C SIGNAL ONLY,10 CONDUCTOR,20 AWG,DRAIN SHIELD 22 AWG,/ALUM.-POLYESTER FOIL, TEMP RATING -40 TO 221 DEG F,PROTECTION CLASS MEETS NEMA 1,3,4,6P AND IP67,CONDUCTOR ARRANGEMENT 5X UNSHIELDED TWISTED PAIRS, 1 DRAIN,CABLE RATING UL:PLTC,105C 300V,TURCK INC,PRSVRKV1235214920M	2	
		2000	440	3	EXT-185361	CABLE,ELECTRICAL,3 CONDUCTOR,INSTRUMENT,3 METERS LONG,300 VOLTS,CHROMEL/ALUMEL,PVC/NYLON INSULATED,CONTACT CARRIER MATERIAL TPU, MOLDED ANGLED HEAD MATERIAL TPU/BLACK, COUPLING NUT MATERIAL/FINISH SS/PASSIVATED, RATED CURRENT T/C SIGNAL ONLY,2 CONDUCTOR,20 AWG,DRAIN SHIELD 22 AWG,/ALUM.-POLYESTER FOIL, TEMP RATING -40 TO 221 DEG F,PROTECTION CLASS MEETS NEMA 1,3,4,6P AND IP67,TURCK INC,PWSVWKV3521483M	6	
		2000	450	3	EXT-185362	CABLE,ELECTRICAL,3 CONDUCTOR,INSTRUMENT,5 METERS LONG,300 VOLTS,CHROMEL/ALUMEL,PVC/NYLON INSULATED,CONTACT CARRIER MATERIAL TPU, MOLDED ANGLED HEAD MATERIAL TPU/BLACK, COUPLING NUT MATERIAL/FINISH SS/PASSIVATED, RATED CURRENT T/C SIGNAL ONLY,2 CONDUCTOR,20 AWG,DRAIN SHIELD 22 AWG,/ALUM.-POLYESTER FOIL, TEMP RATING -40 TO 221 DEG F,PROTECTION CLASS MEETS NEMA 1,3,4,6P AND IP67,TURCK INC,PWSVWKV3521485M	1	
		2000	460	3	EXT-186147	CABLE,ELECTRICAL,3 CONDUCTOR,INSTRUMENT,8 METERS LONG,300 VOLTS,CHROMEL/ALUMEL,PVC/NYLON INSULATED,CONTACT CARRIER MATERIAL TPU, MOLDED ANGLED HEAD MATERIAL TPU/BLACK, COUPLING NUT MATERIAL/FINISH SS/PASSIVATED, RATED CURRENT T/C SIGNAL ONLY,2 CONDUCTOR,20 AWG,DRAIN SHIELD 22 AWG,/ALUM.-POLYESTER FOIL, TEMP RATING -40 TO 221 DEG F,PROTECTION CLASS MEETS NEMA 1,3,4,6P AND IP67,TURCK INC,PWSVWKV3521488M	5	
		2000	510	3	EXT-185267	LOCK,CABLE REMOVAL LOCKOUT DEVICE,7/8 INCH ID,MOLDED NYLON,CLAMSHELL CONSTRUCTION WITH SNAP,FOR USE WITH TURCK MOLDED MINIFAST ANGLED CABLE CONNECTORS,TURCK INC,A9176	128	
		2000	520	3	EXT-185266	LOCK,CABLE REMOVAL LOCKOUT DEVICE,1-1/8 INCH ID,MOLDED NYLON,CLAMSHELL CONSTRUCTION WITH SNAP,FOR USE WITH TURCK MOLDED MINIFAST HOMERUN CABLE CONNECTORS,TURCK INC,A0939	74	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
		2000	540	3	EXT-186050	ELECTRICAL RECEPTACLE,10 PINS, 10 CONDUCTORS,600 VOLTS,8 AMP,STAINLESS STEEL,SILVER,1-1/8 INCH MINIFAST,3/4″-14 NPT INSTRUMENT MOUNT,CLASS I,DIV.2,GROUP C & D,FM Div.2CSA PARoHS APPROVAL, P-RSFV 101-0.3/14.75/NPT,TURCK INC	2	
		2000	550	3	EXT-186131	CABLE,ELECTRICAL,4 CONDUCTOR,INSTRUMENT,300 VOLTS,PVC/NYLON INSULATED,20 METERS LONG, CONTACT CARRIER MATERIAL: TPU,MOLDED ANGLED HEAD MATERIAL: TPU/BLACK, CONTACT MATERIAL/PLATING: BRASS & GOLD, RECEPTICLE MATERIAL: SS/PASSIVATED, COUPLING NUT MATERIAL/FINISH: SS/PASSIVATED, RATED CURRENT: 9A, NUMBER OF CONDUCTORS: 3x18 AWG, DRAIN SHIELD: 20 AWG/ALUMINUM FOIL SHIELD, TEMP RATING: -40 TO 221 DEG F, PROTECTION CLASS: MEETS NEMA 1,3,4,6P AND IP68, 1 SHIELDED TWISTED PAIR, 1 GROUND, 1 DRAIN CONDUCTOR ARRANGEMENT, RATING: UL:ITC-ER/PLTC-ER,105C DIRECT BURIAL, 300V, ABS CERTIFIED: IEEE 1202/FT4; IEEE 1580; IEC 60332-3-22,TURCK INC,PWSVWKV4033020M	1	
		2000	570	3	EXT-186823	CABLE,ELECTRICAL,4 CONDUCTOR,INSTRUMENT,300 VOLTS,PVC/NYLON INSULATED,32 METERS LONG, CONTACT CARRIER MATERIAL: TPU,MOLDED ANGLED HEAD MATERIAL: TPU/BLACK, CONTACT MATERIAL/PLATING: BRASS & GOLD, RECEPTICLE MATERIAL: SS/PASSIVATED, COUPLING NUT MATERIAL/FINISH: SS/PASSIVATED, RATED CURRENT: 9A, NUMBER OF CONDUCTORS: 3x18 AWG, DRAIN SHIELD: 20 AWG/ALUMINUM FOIL SHIELD, TEMP RATING: -40 TO 221 DEG F, PROTECTION CLASS: MEETS NEMA 1,3,4,6P AND IP68, 1 SHIELDED TWISTED PAIR, 1 GROUND, 1 DRAIN CONDUCTOR ARRANGEMENT, RATING: UL:ITC-ER/PLTC-ER,105C DIRECT BURIAL, 300V, ABS CERTIFIED: IEEE 1202/FT4; IEEE 1580; IEC 60332-3-22,TURCK INC,PWSVWKV4033032M	1	
		2000	580	3	EXT-185341	CABLE,ELECTRICAL,10 CONDUCTOR,INSTRUMENT,600 VOLTS,PVC/NYLON INSULATED,14 METERS LONG, CONTACT CARRIER MATERIAL: TPU,MOLDED HEAD MATERIAL: TPU/BLACK, CONTACT MATERIAL/PLATING: BRASS & GOLD, RECEPTICLE MATERIAL: SS/PSSIVATED, COUPLING NUT MATERIAL/FINISH: SS/PASSIVATED, RATED CURRENT 7A, NUMBER OF CONDUCTORS: 9x18 AWG , CONDUCTOR ARRANGEMENT: 4 SHIELDED TWISTED PAIRS w/DRAIN, DRAIN/SHIELD: 5x20 AWG DRAINS w/FOIL SHIELD, TEMP RATING: -40 TO 221 DEG F,PROTECTION CLASS MEETS NEMA 1,3,4,6P AND IP68,CONDUCTOR ARRANGEMENT 8 SHIELDED TWISTED PAIRS W DRAIN, 1 DRAIN,1 GROUND, CABLE RATING UL:ITC-ER/PLTC-ER,105C DIRECT BURIAL, 300V, ABS CERTIFIED: IEEE 1202/FT4; IEEE 1580; IEC 60332-3-22,TURCK INC,PRSVRKV10148914M	1	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
		2000	590	3	EXT-186824	CABLE,ELECTRICAL,16 CONDUCTOR,INSTRUMENT,300 VOLTS,PVC/NYLON INSULATED,CONTACT CARRIER MATERIAL TPU,20M LONG, MOLDED HEAD MATERIAL TPU/BLACK, CONTACT MATERIAL/PLATING BRASS & GOLD, RECEPTICLE MATERIAL SS/PSSIVATED, COUPLING NUT MATERIAL/FINISH SS/PASSIVATED, RATED CURRENT 4A (PINS 5,7,12) 2A (ALL OTHERS),10 CONDUCTOR, 16x22 AWG,1x18 AWG,DRAIN SHIELD 9x22 AWG /ALUM.-POLYESTER FOIL (PAIRS AND OVERALL), TEMP RATING -76 TO 221 DEG F,PROTECTION CLASS MEETS NEMA 1,3,4,6P AND IP68,CONDUCTOR ARRANGEMENT 8 SHIELDED TWISTED PAIRS W DRAIN, 1 DRAIN,1 GROUND, CABLE RATING UL:ITC-ER/PLTC-ER,105C DIRECT BURIAL, 300V, ABS CERTIFIED: IEEE 1202/FT4; IEEE 1580; IEC 60332-3-22,TURCK INC,PRSVRKV1901484XL20M	1	
		2000	620	3	EXT-187042	ELECTRICAL RECEPTACLE,4 PINS, 3 CONDUCTORS,600 VOLTS,9 AMP,STAINLESS STEEL,SILVER,7/8 INCH MINIFAST,1/2″-14 NPT INSTRUMENT MOUNT,CLASS I,DIV.2,GROUP C & D,FM Div.2CSA PARoHS APPROVAL,TURCK INC,PRSFV40EX1145NPT	2	
		2000	630	3	EXT-187631	ELECTRICAL RECEPTACLE,4 PINS, 3 CONDUCTORS,600 VOLTS,9 AMP,STAINLESS STEEL,SILVER,7/8 INCH MINIFAST,1/2″-14 NPT INSTRUMENT MOUNT,CLASS I,DIV.2,GROUP C & D,FM Div.2CSA PARoHS APPROVAL, P-RKFV 40 EX-0.5/14.5/NPT,TURCK INC	2	
		2000	640	3	EXT-187051	ELECTRICAL RECEPTACLE,4 PINS, 4 CONDUCTORS,600 VOLTS,8 AMP,STAINLESS STEEL,SILVER,1-1/8 INCH MINIFAST,1/2″-14 NPT INSTRUMENT MOUNT,CLASS I,DIV.2,GROUP C & D,FM Div.2CSA PARoHS APPROVAL,TURCK INC,PRKFV40EX3M145NPT	1	
		2000	650	3	EXT-188308	CAP,DUST,TURCK HOMERUN CONNECTOR THREAD PROTECTOR,1-1/8" ID,TURCK INC,CAPBLKVINYL28.58mm	7	
		2000	670	3	EXT-186132	CABLE,ELECTRICAL,10 CONDUCTOR,INSTRUMENT,3 METERS LONG,600 VOLTS,PVC/NYLON INSULATED,CONTACT CARRIER MATERIAL: TPU,MOLDED HEAD MATERIAL: TPU/BLACK, CONTACT MATERIAL/PLATING: BRASS & GOLD, RECEPTICLE MATERIAL: SS/PSSIVATED, COUPLING NUT MATERIAL/FINISH: SS/PASSIVATED, RATED CURRENT 7A, NUMBER OF CONDUCTORS: 9x18 AWG , CONDUCTOR ARRANGEMENT: 4 SHIELDED TWISTED PAIRS w/DRAIN, DRAIN/SHIELD: 5x20 AWG DRAINS w/FOIL SHIELD, TEMP RATING: -40 TO 221 DEG F,PROTECTION CLASS MEETS NEMA 1,3,4,6P AND IP68,CONDUCTOR ARRANGEMENT 8 SHIELDED TWISTED PAIRS W DRAIN, 1 DRAIN,1 GROUND, CABLE RATING UL:ITC-ER/PLTC-ER,105C DIRECT BURIAL, 300V, ABS CERTIFIED: IEEE 1202/FT4; IEEE 1580; IEC 60332-3-22,TURCK INC,PRSVRKV1014893M	1	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
		2000	680	3	EXT-186133	CABLE,ELECTRICAL,10 CONDUCTOR,INSTRUMENT,5 METERS LONG,600 VOLTS,PVC/NYLON INSULATED,CONTACT CARRIER MATERIAL: TPU,MOLDED HEAD MATERIAL: TPU/BLACK, CONTACT MATERIAL/PLATING: BRASS & GOLD, RECEPTICLE MATERIAL: SS/PSSIVATED, COUPLING NUT MATERIAL/FINISH: SS/PASSIVATED, RATED CURRENT 7A, NUMBER OF CONDUCTORS: 9x18 AWG , CONDUCTOR ARRANGEMENT: 4 SHIELDED TWISTED PAIRS w/DRAIN, DRAIN/SHIELD: 5x20 AWG DRAINS w/FOIL SHIELD, TEMP RATING: -40 TO 221 DEG F,PROTECTION CLASS MEETS NEMA 1,3,4,6P AND IP68,CONDUCTOR ARRANGEMENT 8 SHIELDED TWISTED PAIRS W DRAIN, 1 DRAIN,1 GROUND, CABLE RATING UL:ITC-ER/PLTC-ER,105C DIRECT BURIAL, 300V, ABS CERTIFIED: IEEE 1202/FT4; IEEE 1580; IEC 60332-3-22,TURCK INC,PRSVRKV1014895M	1	
		2000	690	3	EXT-187992	CABLE,ELECTRICAL,10 CONDUCTOR,INSTRUMENT,6 METERS LONG,600 VOLTS,PVC/NYLON INSULATED,CONTACT CARRIER MATERIAL: TPU,MOLDED HEAD MATERIAL: TPU/BLACK, CONTACT MATERIAL/PLATING: BRASS & GOLD, RECEPTICLE MATERIAL: SS/PSSIVATED, COUPLING NUT MATERIAL/FINISH: SS/PASSIVATED, RATED CURRENT 7A, NUMBER OF CONDUCTORS: 9x18 AWG , CONDUCTOR ARRANGEMENT: 4 SHIELDED TWISTED PAIRS w/DRAIN, DRAIN/SHIELD: 5x20 AWG DRAINS w/FOIL SHIELD, TEMP RATING: -40 TO 221 DEG F,PROTECTION CLASS MEETS NEMA 1,3,4,6P AND IP68,CONDUCTOR ARRANGEMENT 8 SHIELDED TWISTED PAIRS W DRAIN, 1 DRAIN,1 GROUND, CABLE RATING UL:ITC-ER/PLTC-ER,105C DIRECT BURIAL, 300V, ABS CERTIFIED: IEEE 1202/FT4; IEEE 1580; IEC 60332-3-22,TURCK INC,PRSVRKV1014896M	2	
		2000	700	3	EXT-186137	CABLE,ELECTRICAL,16 CONDUCTOR,INSTRUMENT,10 METERS LONG,300 VOLTS,PVC/NYLON INSULATED,CONTACT CARRIER MATERIAL TPU,MOLDED HEAD MATERIAL TPU/BLACK, CONTACT MATERIAL/PLATING BRASS & GOLD, RECEPTICLE MATERIAL SS/PSSIVATED, COUPLING NUT MATERIAL/FINISH SS/PASSIVATED, RATED CURRENT 4A (PINS 5,7,12) 2A (ALL OTHERS),10 CONDUCTOR, 16x22 AWG,1x18 AWG,DRAIN SHIELD 9x22 AWG /ALUM.-POLYESTER FOIL (PAIRS AND OVERALL), TEMP RATING -76 TO 221 DEG F,PROTECTION CLASS MEETS NEMA 1,3,4,6P AND IP68,CONDUCTOR ARRANGEMENT 8 SHIELDED TWISTED PAIRS W DRAIN, 1 DRAIN,1 GROUND, CABLE RATING UL:ITC-ER/PLTC-ER,105C DIRECT BURIAL, 300V, ABS CERTIFIED: IEEE 1202/FT4; IEEE 1580; IEC 60332-3-22,TURCK INC,PRSVRKV1901484XL10M	2	
		2000	710	3	EXT-185222	CABLE,ELECTRICAL,10 CONDUCTOR,INSTRUMENT,4 METERS LONG,300 VOLTS,PVC/NYLON INSULATED,CONTACT CARRIER MATERIAL TPU,MOLDED HEAD MATERIAL TPU/BLACK, CONTACT MATERIAL/ALUMEL & CHROMEL, COUPLING NUT MATERIAL/FINISH SS/PASSIVATED, RATED CURRENT T/C SIGNAL ONLY,10	1	

Project# : US-123242
Customer : XTO Energy

Item: US-123242-01 **PACKAGE,COMPRESSOR,CATERPILLAR,G3616A4,5000 HP,1000 RPM,KBZ/6,4 STAGE,24-1/4",24-1/4",17-3/8",17-3/8', 13-5/8", 9-1/4" CYLINDERS**

TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
						CONDUCTOR,20 AWG,DRAIN SHIELD 22 AWG,/ALUM.-POLYESTER FOIL, TEMP RATING -40 TO 221 DEG F,PROTECTION CLASS MEETS NEMA 1,3,4,6P AND IP67,CONDUCTOR ARRANGEMENT 5X UNSHIELDED TWISTED PAIRS, 1 DRAIN,CABLE RATING UL:PLTC,105C 300V,TURCK INC,PRSVRKV123521494M		
		2000	720	3	EXT-187994	CABLE,ELECTRICAL,10 CONDUCTOR,INSTRUMENT,6 METERS LONG,300 VOLTS,PVC/NYLON INSULATED,CONTACT CARRIER MATERIAL TPU,MOLDED HEAD MATERIAL TPU/BLACK, CONTACT MATERIAL/ALUMEL & CHROMEL, COUPLING NUT MATERIAL/FINISH SS/PASSIVATED, RATED CURRENT T/C SIGNAL ONLY,10 CONDUCTOR,20 AWG,DRAIN SHIELD 22 AWG,/ALUM.-POLYESTER FOIL, TEMP RATING -40 TO 221 DEG F,PROTECTION CLASS MEETS NEMA 1,3,4,6P AND IP67,CONDUCTOR ARRANGEMENT 5X UNSHIELDED TWISTED PAIRS, 1 DRAIN,CABLE RATING UL:PLTC,105C 300V,TURCK INC,PRSVRKV123521496M	1	
		2000	760	3	EXT-188501	CABLE,ELECTRICAL,4 CONDUCTOR,INSTRUMENT,6 METERS LONG,300 VOLTS,PVC/NYLON INSULATED,CONTACT CARRIER MATERIAL: TPU,MOLDED ANGLED HEAD MATERIAL: TPU/BLACK, CONTACT MATERIAL/PLATING: BRASS & GOLD, RECEPTICLE MATERIAL: SS/PASSIVATED, COUPLING NUT MATERIAL/FINISH: SS/PASSIVATED, RATED CURRENT: 9A, NUMBER OF CONDUCTORS: 3x18 AWG, DRAIN SHIELD: 20 AWG/ALUMINUM FOIL SHIELD, TEMP RATING: -40 TO 221 DEG F, PROTECTION CLASS: MEETS NEMA 1,3,4,6P AND IP68, 1 SHIELDED TWISTED PAIR, 1 GROUND, 1 DRAIN CONDUCTOR ARRANGEMENT, RATING: UL:ITC-ER/PLTC-ER,105C DIRECT BURIAL, 300V, ABS CERTIFIED: IEEE 1202/FT4; IEEE 1580; IEC 60332-3-22,TURCK INC,PWSVWKV403306M	2	
		2000	770	3	EXT-188502	CABLE,ELECTRICAL,4 CONDUCTOR,INSTRUMENT,300 VOLTS,PVC/NYLON INSULATED,22 METERS LONG, CONTACT CARRIER MATERIAL: TPU,MOLDED ANGLED HEAD MATERIAL: TPU/BLACK, CONTACT MATERIAL/PLATING: BRASS & GOLD, RECEPTICLE MATERIAL: SS/PASSIVATED, COUPLING NUT MATERIAL/FINISH: SS/PASSIVATED, RATED CURRENT: 9A, NUMBER OF CONDUCTORS: 3x18 AWG, DRAIN SHIELD: 20 AWG/ALUMINUM FOIL SHIELD, TEMP RATING: -40 TO 221 DEG F, PROTECTION CLASS: MEETS NEMA 1,3,4,6P AND IP68, 1 SHIELDED TWISTED PAIR, 1 GROUND, 1 DRAIN CONDUCTOR ARRANGEMENT, RATING: UL:ITC-ER/PLTC-ER,105C DIRECT BURIAL, 300V, ABS CERTIFIED: IEEE 1202/FT4; IEEE 1580; IEC 60332-3-22,TURCK INC,PWSVWKV4033022M	1	
		2000	780	3	EXT-188503	CABLE,ELECTRICAL,4 CONDUCTOR,INSTRUMENT,300 VOLTS,PVC/NYLON INSULATED,25 METERS LONG, CONTACT CARRIER MATERIAL: TPU,MOLDED ANGLED HEAD MATERIAL: TPU/BLACK, CONTACT MATERIAL/PLATING: BRASS & GOLD, RECEPTICLE MATERIAL: SS/PASSIVATED, COUPLING NUT	1	

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TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
						MATERIAL/FINISH: SS/PASSIVATED, RATED CURRENT: 9A, NUMBER OF CONDUCTORS: 3x18 AWG, DRAIN SHIELD: 20 AWG/ALUMINUM FOIL SHIELD, TEMP RATING: -40 TO 221 DEG F, PROTECTION CLASS: MEETS NEMA 1,3,4,6P AND IP68, 1 SHIELDED TWISTED PAIR, 1 GROUND, 1 DRAIN CONDUCTOR ARRANGEMENT, RATING: UL:ITC-ER/PLTC-ER,105C DIRECT BURIAL, 300V, ABS CERTIFIED: IEEE 1202/FT4; IEEE 1580; IEC 60332-3-22,TURCK INC,PWSVWKV4033025M		
		2000	800	3	EXT-188660	CABLE,ELECTRICAL,4 CONDUCTOR,INSTRUMENT,300 VOLTS,PVC/NYLON INSULATED,13 METERS LONG, CONTACT CARRIER MATERIAL: TPU,MOLDED ANGLED HEAD MATERIAL: TPU/BLACK, CONTACT MATERIAL/PLATING: BRASS & GOLD, RECEPTICLE MATERIAL: SS/PASSIVATED, COUPLING NUT MATERIAL/FINISH: SS/PASSIVATED, RATED CURRENT: 9A, NUMBER OF CONDUCTORS: 3x18 AWG, DRAIN SHIELD: 20 AWG/ALUMINUM FOIL SHIELD, TEMP RATING: -40 TO 221 DEG F, PROTECTION CLASS: MEETS NEMA 1,3,4,6P AND IP68, 1 SHIELDED TWISTED PAIR, 1 GROUND, 1 DRAIN CONDUCTOR ARRANGEMENT, RATING: UL:ITC-ER/PLTC-ER,105C DIRECT BURIAL, 300V, ABS CERTIFIED: IEEE 1202/FT4; IEEE 1580; IEC 60332-3-22,TURCK INC,PWSVWKV4033013M	1	
PIT-1150	Compressor Oil Pressure Transmitter w/Manifold	2000	830	3	EXT-188974	TRANSMITTER,PRESSURE,PRIMARY RANGE = 0/800 PSI,1/2"-14 FNPT CONDUIT CONNECTION,POLYURETHANE COVERED ALUMINUM HOUSING,HART PROTOCOL DIGITAL OUTPUT,4 to 20 mA OUTPUT,EXPLOSION PROOF,ASSEMBLED TO ROSEMOUNT 0306RT22BA11 INTEGRAL MANIFOLD, PRESSURE RANGE 0 to 800 PSI, 1/2-14 NPT FEMALE CONNECTION, ISOLATING DIAPHRAGM: 316L SST,FLUID SILICONE, MOUNTING BRACKET, LCD, DOCUMENTATION,ROSEMOUNT,3051TG3A2B21AB4E5M5Q4S5	1	
VM-1171	Engine Fuel Pressure Monoflange Valve	2000	910	3	EXT-187978	VALVE,MONOFLANGE,BLOCK AND VENT,2"-150# RF,ASME B16.5 FOR BOTH PROCESS AND INSTRUMENT CONNECTION,GRAPHITE SEALS,1/4 INCH VENT PORT,T-BAR HANDLE, 316L STAINLESS STEEL CONSTRUCTION, BLEED PLUG IN VENT PORT, SLIMLINE SERIES, NACE MR0175 COMPLIANT,PRECISION INSTRUMENT MANIFOLDS,PF216AUSXGV2XLQ	1	
		2000	920	3	EXT-187979	VALVE,MONOFLANGE,BLOCK AND VENT,2"-300# RF,ASME B16.5 FOR BOTH PROCESS AND INSTRUMENT CONNECTION,GRAPHITE SEALS,1/4 INCH VENT PORT,T-BAR HANDLE, 316L STAINLESS STEEL CONSTRUCTION, BLEED PLUG IN VENT PORT, SLIMLINE SERIES, NACE MR0175 COMPLIANT,PRECISION INSTRUMENT MANIFOLDS,PF216BUSXGV2XLQ	5	
		2000	930	3	EXT-187980	VALVE,MONOFLANGE,BLOCK AND VENT,2"-600# RF,ASME B16.5 FOR BOTH PROCESS AND INSTRUMENT CONNECTION,GRAPHITE SEALS,1/4 INCH VENT PORT,T-BAR HANDLE, 316L STAINLESS STEEL CONSTRUCTION, BLEED PLUG IN VENT PORT, SLIMLINE SERIES, NACE MR0175 COMPLIANT,PRECISION INSTRUMENT	2	

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TAG #	SERVICE DESCRIPTION	OPR SEQ	ITEM SEQ	LVL	ITEM NO.	DESCRIPTION	QTY	ECO
						MANIFOLDS,PF216DUSXGV2XLQ		
		2000	940	3	EXT-187981	VALVE,MONOFLANGE,BLOCK AND VENT,2"-900# RTJ,ASME B16.5 FOR BOTH PROCESS AND INSTRUMENT CONNECTION,GRAPHITE SEALS,1/4 INCH VENT PORT,T-BAR HANDLE, 316L STAINLESS STEEL CONSTRUCTION, BLEED PLUG IN VENT PORT, SLIMLINE SERIES, NACE MR0175 COMPLIANT,PRECISION INSTRUMENT MANIFOLDS,PF216EUYXGV2XLQ	1	
		2000	950	3	EXT-187415	THERMOCOUPLE,ASSEMBLY,TYPE K,UNGROUNDED,SPRING LOADED,1/2",3/4" NPT CONDUIT CONNECTION,WITH HEAD,7" U,8-1/2" LG STEM,1/4" DIA SHEATH,STAINLESS STEEL SHEATH,-325 TO 2282 DEG F TEMP RANGE,ALUMINUM HEAD,INCLUDES TURCK P-RSFV 35-2148-0.5/14.5/NPT PROCESS CONNECTION,JMS SOUTHEAST, INC.,24070ABE	4	
		2000	955	3	EXT-187416	THERMOCOUPLE,ASSEMBLY,TYPE K,UNGROUNDED,SPRING LOADED,1/2",3/4" NPT CONDUIT CONNECTION,WITH HEAD,3-1/2" U,1/4" DIA SHEATH,316 SS SHEATH,-325 TO 2282 DEG F TEMP RANGE,ALUMINUM HEAD,5" LONG STEM, INCLUDES TURCK P-RSFV 35-2148-0.5/14.5/NPT PROCESS CONNECTION,JMS SOUTHEAST, INC.,24070ABL	4	
		2000	960	3	EXT-187417	THERMOCOUPLE,ASSEMBLY,TYPE K,UNGROUNDED,3/4",3/4" NPT CONDUIT CONNECTION,1-5/8" U,3-1/8" LG STEM,1/4" DIA SHEATH,316 SS SHEATH,-325 TO 2282 DEG F TEMP RANGE,ALUMINUM HEAD,INCLUDES TURCK P-RSFV 35-2148-0.5/14.5/NPT PROCESS CONNECTION,JMS SOUTHEAST, INC.,24070BBA	1	
		2000	965	3	EXT-187418	THERMOCOUPLE,ASSEMBLY,TYPE K,UNGROUNDED,3/4",3/4" NPT CONDUIT CONNECTION,4-1/2" U,6" LG STEM,1/4" DIA SHEATH,316 SS SHEATH,-325 TO 2282 DEG F TEMP RANGE,ALUMINUM HEAD,INCLUDES TURCK P-RSFV 35-2148-0.5/14.5/NPT PROCESS CONNECTION,JMS SOUTHEAST, INC.,24070BBB	4	
		2000	970	3	EXT-187419	THERMOCOUPLE,ASSEMBLY,TYPE K,UNGROUNDED,3/4",3/4" NPT CONDUIT CONNECTION,3" U,4-1/2" LG STEM,1/4" DIA SHEATH,316 SS SHEATH,-325 TO 2282 DEG F TEMP RANGE,ALUMINUM HEAD,INCLUDES TURCK P-RSFV 35-2148-0.5/14.5/NPT PROCESS CONNECTION,JMS SOUTHEAST, INC.,24070BBH	4	
		2000	975	3	EXT-188234	OIL LEVEL CONTROLLER/SWITCH,ELECTRIC,INLET(S) - NPS 1/2 FNPT,OUTLET(S) - (3) NPS 3/4 FNPT,PRESSURE RANGE= 0.87/10.8 PSI,SWITCH RATING= 15A AT 125/250/480 VAC OR 0.5A AT 125 VDC OR 0.25A AT 250 VDC,ALUMINUM ENCLOSURE - CSA CLASS I,Div. 1 & 2,Gr. B,C,D,FOR ARIEL KBZ (2/4/6 THR),SWITCH-SPDT,C/W FIRESAFE VALVES,MODIFIED KLCE LEVEL CONTROLLER FOR USE ON ARIEL KBZ FRAMES, INCLUDES TURCK P-RSFV 40 EX-*/14.5/NPT	1	