PLC POWER
SUPPLY
A-B 1756-PB

Not Used
DC+
Not Used
DC-
Earth
24VDC
GND
GND-PE

TO TB-1 & TB-2
SEE DWG
3 de 6

TO GROUND BAR
SEE DWG
2 de 6

SLOT 2
DI CARD
A-B 1756-IB32
PLC ADDRESSES
I:001/00-I:001/31

IN-1	2	1	IN-0
IN-3	4	3	IN-2
IN-5	6	5	IN-4
IN-7	8	7	IN-6
IN-9	10	9	IN-8
IN-11	12	11	IN-10
IN-13	14	13	IN-12
IN-15	16	15	IN-14
GND-0	18	17	GND-0
IN-17	20	19	IN-16
IN-19	22	21	IN-18
IN-21	24	23	IN-20
IN-23	26	25	IN-22
IN-25	28	27	IN-24
IN-27	30	29	IN-26
IN-29	32	31	IN-28
IN-31	34	33	IN-30
GND-1	36	35	GND-1

1492-CABLE010Z

TO TB-3-1
SEE DWG
3 de 6

SLOT 3
DI CARD
A-B 1756-IB32
PLC ADDRESSES
I:002/00-I:002/31

IN-1	2	1	IN-0
IN-3	4	3	IN-2
IN-5	6	5	IN-4
IN-7	8	7	IN-6
IN-9	10	9	IN-8
IN-11	12	11	IN-10
IN-13	14	13	IN-12
IN-15	16	15	IN-14
GND-0	18	17	GND-0
IN-17	20	19	IN-16
IN-19	22	21	IN-18
IN-21	24	23	IN-20
IN-23	26	25	IN-22
IN-25	28	27	IN-24
IN-27	30	29	IN-26
IN-29	32	31	IN-28
IN-31	34	33	IN-30
GND-1	36	35	GND-1

1492-CABLE010Z

TO TB-3-2
SEE DWG
3 de 6

SLOT 4
DI CARD
A-B 1756-IB32
PLC ADDRESSES
I:003/00-I:003/31

IN-1	2	1	IN-0
IN-3	4	3	IN-2
IN-5	6	5	IN-4
IN-7	8	7	IN-6
IN-9	10	9	IN-8
IN-11	12	11	IN-10
IN-13	14	13	IN-12
IN-15	16	15	IN-14
GND-0	18	17	GND-0
IN-17	20	19	IN-16
IN-19	22	21	IN-18
IN-21	24	23	IN-20
IN-23	26	25	IN-22
IN-25	28	27	IN-24
IN-27	30	29	IN-26
IN-29	32	31	IN-28
IN-31	34	33	IN-30
GND-1	36	35	GND-1

1492-CABLE010Z

TO TB-4-1
SEE DWG
3 de 6

SLOT 5
DI CARD
A-B 1756-IB32
PLC ADDRESSES
I:004/00-I:004/31

IN-1	2	1	IN-0
IN-3	4	3	IN-2
IN-5	6	5	IN-4
IN-7	8	7	IN-6
IN-9	10	9	IN-8
IN-11	12	11	IN-10
IN-13	14	13	IN-12
IN-15	16	15	IN-14
GND-0	18	17	GND-0
IN-17	20	19	IN-16
IN-19	22	21	IN-18
IN-21	24	23	IN-20
IN-23	26	25	IN-22
IN-25	28	27	IN-24
IN-27	30	29	IN-26
IN-29	32	31	IN-28
IN-31	34	33	IN-30
GND-1	36	35	GND-1

1492-CABLE010Z

TO TB-4-2
SEE DWG
3 de 6

SLOT 6
DI CARD
A-B 1756-IB32
PLC ADDRESSES
I:005/00-I:005/31

IN-1	2	1	IN-0
IN-3	4	3	IN-2
IN-5	6	5	IN-4
IN-7	8	7	IN-6
IN-9	10	9	IN-8
IN-11	12	11	IN-10
IN-13	14	13	IN-12
IN-15	16	15	IN-14
GND-0	18	17	GND-0
IN-17	20	19	IN-16
IN-19	22	21	IN-18
IN-21	24	23	IN-20
IN-23	26	25	IN-22
IN-25	28	27	IN-24
IN-27	30	29	IN-26
IN-29	32	31	IN-28
IN-31	34	33	IN-30
GND-1	36	35	GND-1

1492-CABLE010Z

TO TB-5-1
SEE DWG
4 de 6

SLOT 7
DI CARD
A-B 1756-IB32
PLC ADDRESSES
I:006/00-I:006/31

IN-1	2	1	IN-0
IN-3	4	3	IN-2
IN-5	6	5	IN-4
IN-7	8	7	IN-6
IN-9	10	9	IN-8
IN-11	12	11	IN-10
IN-13	14	13	IN-12
IN-15	16	15	IN-14
GND-0	18	17	GND-0
IN-17	20	19	IN-16
IN-19	22	21	IN-18
IN-21	24	23	IN-20
IN-23	26	25	IN-22
IN-25	28	27	IN-24
IN-27	30	29	IN-26
IN-29	32	31	IN-28
IN-31	34	33	IN-30
GND-1	36	35	GND-1

1492-CABLE010Z

TO TB-5-2
SEE DWG
4 de 6

SLOT 8
DO CARD
A-B 1756-OB16D
PLC ADDRESSES
O:007/00-O:007/15

+DC-0	2	1	OUT-0
+DC-0	4	3	OUT-1
+DC-0	6	5	OUT-2
+DC-0	8	7	OUT-3
+DC-0	10	9	OUT-4
+DC-0	12	11	OUT-5
+DC-0	14	13	OUT-6
GND-0	16	15	OUT-7
+DC-1	18	17	OUT-8
+DC-1	20	19	OUT-9
+DC-1	22	21	OUT-10
+DC-1	24	23	OUT-11
+DC-1	26	25	OUT-12
+DC-1	28	27	OUT-13
+DC-1	30	29	OUT-14
GND-1	32	31	Not Used
Not Used	34	33	Not Used
	36	35	

1492-CABLE010Y

TO TB-6
SEE DWG
4 de 6

SLOT 9
DO CARD
A-B 1756-OB16D
PLC ADDRESSES
O:008/00-O:008/15

+DC-0	2	1	OUT-0
+DC-0	4	3	OUT-1
+DC-0	6	5	OUT-2
+DC-0	8	7	OUT-3
+DC-0	10	9	OUT-4
+DC-0	12	11	OUT-5
+DC-0	14	13	OUT-6
GND-0	16	15	OUT-7
+DC-1	18	17	OUT-8
+DC-1	20	19	OUT-9
+DC-1	22	21	OUT-10
+DC-1	24	23	OUT-11
+DC-1	26	25	OUT-12
+DC-1	28	27	OUT-13
+DC-1	30	29	OUT-14
GND-1	32	31	OUT-15
GND-1	34	33	Not Used
Not Used	36	35	Not Used

1492-CABLE010Y

TO TB-6
SEE DWG
4 de 6

SLOT 10
DO CARD
A-B 1756-OB16D
PLC ADDRESSES
O:008/00-O:008/15

+DC-0	2	1	OUT-0
+DC-0	4	3	OUT-1
+DC-0	6	5	OUT-2
+DC-0	8	7	OUT-3
+DC-0	10	9	OUT-4
+DC-0	12	11	OUT-5
+DC-0	14	13	OUT-6
GND-0	16	15	OUT-7
+DC-1	18	17	OUT-8
+DC-1	20	19	OUT-9
+DC-1	22	21	OUT-10
+DC-1	24	23	OUT-11
+DC-1	26	25	OUT-12
+DC-1	28	27	OUT-13
+DC-1	30	29	OUT-14
GND-1	32	31	OUT-15
GND-1	34	33	Not Used
Not Used	36	35	Not Used

1492-CABLE010Y

TO TB-6
SEE DWG
4 de 6

SLOT 11
DO CARD
A-B 1756-OB16D
PLC ADDRESSES
O:009/00-O:009/15

+DC-0	2	1	OUT-0
+DC-0	4	3	OUT-1
+DC-0	6	5	OUT-2
+DC-0	8	7	OUT-3
+DC-0	10	9	OUT-4
+DC-0	12	11	OUT-5
+DC-0	14	13	OUT-6
GND-0	16	15	OUT-7
+DC-1	18	17	OUT-8
+DC-1	20	19	OUT-9
+DC-1	22	21	OUT-10
+DC-1	24	23	OUT-11
+DC-1	26	25	OUT-12
+DC-1	28	27	OUT-13
+DC-1	30	29	OUT-14
GND-1	32	31	OUT-15
GND-1	34	33	Not Used
Not Used	36	35	Not Used

1492-CABLE010Y

TO TB-7
SEE DWG
4 de 6

SLOT 12
DO CARD
A-B 1756-OB16D
PLC ADDRESSES
O:010/00-O:010/15

+DC-0	2	1	OUT-0
+DC-0	4	3	OUT-1
+DC-0	6	5	OUT-2
+DC-0	8	7	OUT-3
+DC-0	10	9	OUT-4
+DC-0	12	11	OUT-5
+DC-0	14	13	OUT-6
GND-0	16	15	OUT-7
+DC-1	18	17	OUT-8
+DC-1	20	19	OUT-9
+DC-1	22	21	OUT-10
+DC-1	24	23	OUT-11
+DC-1	26	25	OUT-12
+DC-1	28	27	OUT-13
+DC-1	30	29	OUT-14
GND-1	32	31	OUT-15
GND-1	34	33	Not Used
Not Used	36	35	Not Used

1492-CABLE010Y

TO TB-8
SEE DWG
4 de 6

SLOT 13
AI CARD
A-B 1756-IF16
PLC ADDRESSES
I:011/00-I:011/15

IN-0	2	1	i RTN-0
IN-1	4	3	i RTN-1
IN-2	6	5	i RTN-2
IN-3	8	7	i RTN-3
RTN	10	9	RTN
IN-4	12	11	i RTN-4
IN-5	14	13	i RTN-5
IN-6	16	15	i RTN-6
IN-7	18	17	i RTN-7
IN-8	20	19	i RTN-8
IN-9	22	21	i RTN-9
IN-10	24	23	i RTN-10
IN-11	26	25	i RTN-11
RTN	28	27	i RTN-12
IN-12	30	29	i RTN-13
IN-13	32	31	i RTN-14
IN-14	34	33	i RTN-15
IN-15	36	35	

1492-ACABLE010UB

TO TB-9-1/2
SEE DWG
5 de 6

SLOT 14
AI CARD
A-B 1756-IF16
PLC ADDRESSES
I:012/00-I:012/15

IN-0	2	1	i RTN-0
IN-1	4	3	i RTN-1
IN-2	6	5	i RTN-2
IN-3	8	7	i RTN-3
RTN	10	9	RTN
IN-4	12	11	i RTN-4
IN-5	14	13	i RTN-5
IN-6	16	15	i RTN-6
IN-7	18	17	i RTN-7
IN-8	20	19	i RTN-8
IN-9	22	21	i RTN-9
IN-10	24	23	i RTN-10
IN-11	26	25	i RTN-11
RTN	28	27	i RTN-12
IN-12	30	29	i RTN-13
IN-13	32	31	i RTN-14
IN-14	34	33	i RTN-15
IN-15	36	35	

1492-ACABLE010UB

TO TB-9-1/2
SEE DWG
5 de 6

SLOT 15
AI CARD
A-B 1756-IF16
PLC ADDRESSES
I:013/00-I:013/15

IN-0	2	1	i RTN-0
IN-1	4	3	i RTN-1
IN-2	6	5	i RTN-2
IN-3	8	7	i RTN-3
RTN	10	9	RTN
IN-4	12	11	i RTN-4
IN-5	14	13	i RTN-5
IN-6	16	15	i RTN-6
IN-7	18	17	i RTN-7
IN-8	20	19	i RTN-8
IN-9	22	21	i RTN-9
IN-10	24	23	i RTN-10
IN-11	26	25	i RTN-11
RTN	28	27	i RTN-12
IN-12	30	29	i RTN-13
IN-13	32	31	i RTN-14
IN-14	34	33	i RTN-15
IN-15	36	35	

1492-ACABLE010UB

TO TB-10-1/2
SEE DWG
5 de 6

SLOT 16
AI CARD
A-B 1756-IF16
PLC ADDRESSES
I:014/00-I:014/15

IN-0	2	1	i RTN-0
IN-1	4	3	i RTN-1
IN-2	6	5	i RTN-2
IN-3	8	7	i RTN-3
RTN	10	9	RTN
IN-4	12	11	i RTN-4
IN-5	14	13	i RTN-5
IN-6	16	15	i RTN-6
IN-7	18	17	i RTN-7
IN-8	20	19	i RTN-8
IN-9	22	21	i RTN-9
IN-10	24	23	i RTN-10
IN-11	26	25	i RTN-11
RTN	28	27	i RTN-12
IN-12	30	29	i RTN-13
IN-13	32	31	i RTN-14
IN-14	34	33	i RTN-15
IN-15	36	35	

1492-ACABLE010UB

TO TB-10-1/2
SEE DWG
5 de 6

BOLPEGAS S.R.L.
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NOTAS

1.- TODAS LAS SEÑALES ANALÓGICAS SON PARES APANTALLADOS. LOS CONDUCTORES DE DESCARGA DEL APANTALLAMIENTO TIENEN QUE SER AISLADOS EN CAMPO Y CONECTADOS A TIERRA EN EL PANEL DE CONTROL.

LEYENDA

F XX — BLOQUE DE TERMINALES CON FUSIBLES

EQUIPOS E INSTALACIONES EXISTENTES

DOCUMENTOS DE REFERENCIA

1. SC-E01-IC-00-03-11 de 24 DIAGRAMA DE LAZO - SEGURIDAD (TERMINAL SANTA CRUZ) ANALÓGICA INPUT
2. SC-E01-IC-00-03-12 de 24 DIAGRAMA DE LAZO - SEGURIDAD (TERMINAL SANTA CRUZ) DIGITAL INPUT H1
3. SC-E01-IC-00-03-13 de 24 DIAGRAMA DE LAZO - SEGURIDAD (TERMINAL SANTA CRUZ) DIGITAL INPUT H2
4. SC-E01-IC-00-03-14 de 24 DIAGRAMA DE LAZO - SEGURIDAD (TERMINAL SANTA CRUZ) VÁLVULA ESD
5. SC-E01-IC-00-03-15 de 24 DIAGRAMA DE LAZO - SEGURIDAD (TERMINAL SANTA CRUZ) FUEL GAS SVC
6. SC-E01-IC-00-03-16 de 24 DIAGRAMA DE LAZO - SEGURIDAD (TERMINAL SANTA CRUZ) BOOSTER
7. SC-E01-IC-00-LI-01 LISTA DE SEÑALES

YPFB TRANSPORTE S.A.	
GERENTE DE PROY.:	Roger Parra
REVISOR 1:	Mario Kaune
REVISOR 2:	Marcelo Canavire
REVISOR 3:	
CONTRATISTA	
GERENTE DE PROY.:	Xavier Sejas
REVISOR 1:	Bruno Gonzales
REVISOR 2:	Andrea Carrillo
REVISOR 3:	David Pinto

FECHA	DIBUJO	REVISOR Calidad	REVISOR Técnico	APROBO	REV.N°	DESCRIPCION	EMPRESA
26-Dic-17	R. Zárate	B.Rodriguez	B.Gonzales	X. Sejas	A	Diseño para construcción	BOLPEGAS SRL

YPFB Transporte S.A.

Ubicación: Terminal Santa Cruz

Etapa: Diseño para construcción

Código: SC-E01-IC-00-03-12 de 24

Proyecto: Ingeniería Básica y de Detalle Mejoras Operativas de Terminal Santa Cruz

Escala: S/E

Título del Plano: DIAGRAMA DE CONEXIONADO - SEGURIDAD (TERMINAL SANTA CRUZ)_H1

Formato: A2 : 420 mm x 594 mm

Formato DIN A2 - YPFB Transporte S.A. Rev 2