

# COMPRESSOR PANEL C-41000

DRAWING NUMBER	DESCRIPTION
0356-0004-PLC1-1001	TITLE SHEET
0356-0004-PLC1-1101	SYMBOLS & DESIGNATIONS LEGEND
0356-0004-PLC1-1201	BILL OF MATERIALS
0356-0004-PLC1-1301	NAMEPLATE SCHEDULE
0356-0004-PLC1-1401	LABEL SCHEDULE
0356-0004-PLC1-2001	COMMUNICATION DIAGRAM
0356-0004-PLC1-3001	ENCLOSURE LAYOUT
0356-0004-PLC1-3002	DOOR DEVICE DETAILS
0356-0004-PLC1-3003	CUTOUT DETAILS
0356-0004-PLC1-3101	SUBPANEL LAYOUT
0356-0004-PLC1-3102	PLC DETAILS
0356-0004-PLC1-3103	TERMINAL BLOCK DETAILS
0356-0004-PLC1-3104	TERMINAL BLOCK DETAILS
0356-0004-PLC1-4001	POWER DISTRIBUTION WIRING DIAGRAM
0356-0004-PLC1-4002	POWER DISTRIBUTION WIRING DIAGRAM
0356-0004-PLC1-4003	INTRINSICALLY SAFE CONTROL WIRING DIAGRAM
0356-0004-PLC1-4101	DIGITAL INPUT MODULE WIRING DIAGRAM
0356-0004-PLC1-4102	DIGITAL INPUT MODULE WIRING DIAGRAM
0356-0004-PLC1-4103	DIGITAL INPUT MODULE WIRING DIAGRAM
0356-0004-PLC1-4104	DIGITAL INPUT MODULE WIRING DIAGRAM
0356-0004-PLC1-4201	DIGITAL OUTPUT MODULE WIRING DIAGRAM
0356-0004-PLC1-4202	DIGITAL OUTPUT MODULE WIRING DIAGRAM
0356-0004-PLC1-4301	ANALOG INPUT MODULE WIRING DIAGRAM
0356-0004-PLC1-4302	ANALOG INPUT MODULE WIRING DIAGRAM
0356-0004-PLC1-4303	ANALOG INPUT MODULE WIRING DIAGRAM
0356-0004-PLC1-4304	ANALOG INPUT MODULE WIRING DIAGRAM
0356-0004-PLC1-4305	ANALOG INPUT MODULE WIRING DIAGRAM
0356-0004-PLC1-4306	ANALOG INPUT MODULE WIRING DIAGRAM
0356-0004-PLC1-4307	ANALOG INPUT MODULE WIRING DIAGRAM
0356-0004-PLC1-4308	ANALOG INPUT MODULE WIRING DIAGRAM

DRAWING NUMBER	DESCRIPTION
0356-0004-PLC1-4401	RTD INPUT MODULE WIRING DIAGRAM
0356-0004-PLC1-4501	THERMOCOUPLE INPUT MODULE WIRING DIAGRAM
0356-0004-PLC1-4502	THERMOCOUPLE INPUT MODULE WIRING DIAGRAM
0356-0004-PLC1-4503	THERMOCOUPLE INPUT MODULE WIRING DIAGRAM
0356-0004-PLC1-4504	THERMOCOUPLE INPUT MODULE WIRING DIAGRAM
0356-0004-PLC1-4601	ANALOG OUTPUT MODULE WIRING DIAGRAM
0356-0004-PLC1-4602	ANALOG OUTPUT MODULE WIRING DIAGRAM
0356-0004-PLC1-4603	ANALOG OUTPUT MODULE WIRING DIAGRAM

**ISSUED FOR PANEL CONSTRUCTION**

<p style="text-align: center;">NOTES</p>	<p style="text-align: center;">REFERENCE DRAWINGS</p>	<p style="text-align: center;">REVISIONS</p>	<p style="text-align: center;">JOB: 1960017</p>	 1725 LAKEPOINTE DRIVE LEWISVILLE, TX 75057 (972) 221-4849	<p>COMPRESSOR PANEL C-41000 TITLE SHEET</p>																																					
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>REV</th> <th>DATE</th> <th>DESCRIPTION</th> <th>DRWN</th> <th>CHKD</th> <th>APPVL</th> </tr> </thead> <tbody> <tr> <td>D</td> <td>03/08/19</td> <td>ISSUED FOR PANEL CONSTRUCTION</td> <td>YRF</td> <td>KPM</td> <td>JAT</td> </tr> <tr> <td>C</td> <td>03/07/19</td> <td>CUSTOMER CHANGES</td> <td>KPM</td> <td>RSH</td> <td>JAT</td> </tr> <tr> <td>B</td> <td>02/05/19</td> <td>DESIGN REVISIONS</td> <td>DAK</td> <td>CGW</td> <td>JAT</td> </tr> <tr> <td>A</td> <td>01/30/19</td> <td>DESIGN</td> <td>DAK</td> <td>CGW</td> <td>JAT</td> </tr> </tbody> </table>	REV	DATE	DESCRIPTION	DRWN	CHKD	APPVL	D	03/08/19	ISSUED FOR PANEL CONSTRUCTION	YRF	KPM	JAT	C	03/07/19	CUSTOMER CHANGES	KPM	RSH	JAT	B	02/05/19	DESIGN REVISIONS	DAK	CGW	JAT	A	01/30/19	DESIGN	DAK	CGW	JAT	<p>COA STATE</p> <p>COA NUMBER</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>SIZE</th> <th>SCALE</th> <th>DWG NO</th> <th>REV</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">B</td> <td></td> <td style="text-align: center;">0356-0004-PLC1-1001</td> <td style="text-align: center;">D</td> </tr> </tbody> </table>	SIZE	SCALE	DWG NO	REV	B		0356-0004-PLC1-1001	D
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ELECTRICAL SCHEMATIC SYMBOLS							
PUSHBUTTONS			SELECTOR SWITCHES		PILOT LIGHTS		SWITCH
NORMALLY OPEN	NORMALLY CLOSED	MUSHROOM HEAD	2 POSITION	3 POSITION	STANDARD	PUSH-TO-TEST	TOGGLE SWITCH
LIMIT SWITCHES			PROXIMITY SWITCHES		LEVEL SWITCHES		
NORMALLY OPEN	NORMALLY CLOSED	HELD OPEN	HELD CLOSED	NORMALLY OPEN	NORMALLY CLOSED	NORMALLY OPEN	NORMALLY CLOSED
PRESSURE SWITCHES		TEMPERATURE SWITCHES		FLOW SWITCHES		FOOT SWITCHES	
NORMALLY OPEN	NORMALLY CLOSED	NORMALLY OPEN	NORMALLY CLOSED	NORMALLY OPEN	NORMALLY CLOSED	NORMALLY OPEN	NORMALLY CLOSED
TIME DELAY CONTACTS				RELAY CONTACTS		RELAYS, TIMING RELAYS	
ON DELAY NORMALLY OPEN	ON DELAY NORMALLY CLOSED	OFF DELAY NORMALLY OPEN	OFF DELAY NORMALLY CLOSED	NORMALLY OPEN	NORMALLY CLOSED	COIL	SOLENOID
CIRCUIT PROTECTORS AND DISCONNECTS				MOTOR CONTROL			
CIRCUIT BREAKER	FUSE	FUSED DISCONNECT	DISCONNECT SWITCH	3 PHASE MOTOR	THERMAL OVERLOAD		
MISC SYMBOLS							
TERMINAL BLOCK	GROUND	RESISTOR	DIODE	ANALOG DEVICE			
HORN	HEATER	FAN	POTENTIOMETER	BATTERY	SHIELDED CABLE	PLUG/JACK	NODE

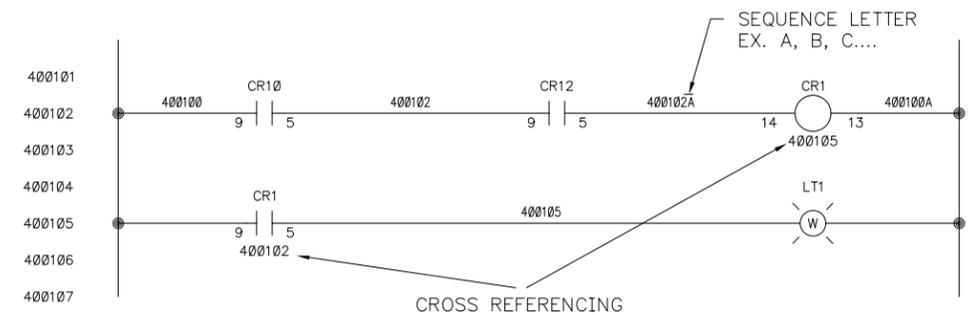
DEVICE AND COMPONENT DESIGNATIONS			
DESIGNATION	DEVICE	DESIGNATION	DEVICE
AH	ALARM OR ANNUNCIATOR HORN	M	MOTOR
ALT	ALARM OR ANNUNCIATOR LIGHT	MS	MOTOR STARTER
BPSW	BYPASS SWITCH	OIT	OPERATOR INTERFACE TERMINAL
CB	CIRCUIT BREAKER	OL	OVERLOAD RELAY
CBL	CABLES	PB	PUSHBUTTON
CR	CONTROL RELAY	PBL	PUSHBUTTON, ILLUMINATED
CR1	CONTROL RELAY, LATCH	POT	POTENTIOMETER
D	DIODE	PRS	PROXIMITY SWITCH
DISC	DISCONNECT SWITCH	PS	PRESSURE SWITCH
DISP	DISPLAY	PWS	POWER SUPPLY
DR	DRIVE	RACK	PLC RACK
DSW	DOOR SWITCH	RACK PWS	PLC RACK POWER SUPPLY
ESW	ETHERNET SWITCH	REC	RECEPTACLE
FLS	FLOW SWITCH	RM	REDUNDANCY MODULE (DIODE)
FN	FAN	SI	SIGNAL ISOLATOR
FS	FLOAT SWITCH	SOL	SOLENOID
FTS	FOOT SWITCH	SS	SELECTOR SWITCH
FU	FUSE	SSL	SELECTOR SWITCH, ILLUMINATED
GND	GROUND	SU	SURGE SUPPRESSOR
GND LUG	GROUND LUG	SW	SWITCH
HM	HOUR METER	TR	TIMING RELAY
HTR	HEATER	TS	TERMINAL STRIP
LP	LINE PROTECTOR	TAS	TEMPERATURE ACTIVATED SWITCH
LS	LIMIT SWITCH	UPS	UNINTERRUPTIBLE POWER SUPPLY
LT	LIGHT	XF	TRANSFORMER
AC UNIT	AIR CONDITIONER UNIT	FOPP	FIBER OPTIC PATCH PANEL
FAN	ENCLOSURE FAN		
EXHAUST	ENCLOSURE EXHAUST VENT		
WLT	WORK LIGHT (ENCLOSURE)		

**DRAWING NUMBER**  
 0001-0001-PLC100-01001  
 A B C D E F  
 A. PRIME CONTROLS INTERNAL CUSTOMER NUMBER  
 B. PRIME CONTROLS INTERNAL SITE NUMBER  
 C. SITE OR ENCLOSURE IDENTIFIER  
 D. PLC RACK IDENTIFIER (WHEN MULTIPLE RACKS)  
 E. GROUP IDENTIFIER  
 F. SHEET SEQUENCE NUMBER

**GROUP IDENTIFIER**  
 10 TITLE SHEET  
 11 SYMBOLS & DESIGNATIONS LEGEND  
 12 BILL OF MATERIALS  
 13 NAMEPLATE SCHEDULE  
 14 LABEL SCHEDULE  
 20 COMMUNICATION DIAGRAM  
 30 ENCLOSURE LAYOUT  
 31 SUBPANEL LAYOUT  
 40 POWER DISTRIBUTION/WIRE SCHEMATIC  
 41 DIGITAL INPUT MODULES  
 42 DIGITAL OUTPUT MODULES  
 43 ANALOG INPUT MODULES  
 44 RTD INPUT MODULES  
 45 THERMOCOUPLE INPUT MODULES  
 46 ANALOG OUTPUT MODULES

**LINE REFERENCING**  
 PAGE NUMBER 400139  
 LINE NUMBER

**CROSS REFERENCING AND WIRE NUMBERING**



**ISSUED FOR PANEL CONSTRUCTION**

NOTES	REFERENCE DRAWINGS	REVISIONS	JOB: 1960017	PRIME CONTROLS	COMPRESSOR PANEL						
				1725 LAKEPOINTE DRIVE LEWISVILLE, TX 75057 (972) 221-4849	C-41000 SYMBOLS & DESIGNATIONS LEGEND						
		D 03/08/19 ISSUED FOR PANEL CONSTRUCTION YRF KPM JAT									
		C 03/07/19 CUSTOMER CHANGES KPM RSH JAT									
		B 02/05/19 DESIGN REVISIONS DAK CGW JAT									
		A 01/30/19 DESIGN DAK CGW JAT									
DWG NO	DESCRIPTION	REV	DATE	DESCRIPTION	DRWN	CHKD	APPVL	SIZE B	SCALE	DWG NO 0356-0004-PLC1-1101	REV D

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BILL OF MATERIALS

ITEM	QTY	DESCRIPTION	MFG	CATALOG	STOCK
1	1	ENCLOSURE, FREE-STANDING, 304 STAINLESS STEEL, TYPE 3R/4/4X/12, CONTINUOUS-HINGE WITH 3PT LATCH, 72" x 60" x 18"	HOFFMAN	A726018SSFSDN4	
2	1	SUBPANEL, PAINTED STEEL, FULL PANEL, 60" X 56"	HOFFMAN	A72P60F1	
3	1	FLOOR STAND, STAINLESS STEEL, 18" X 18"	HOFFMAN	AFK1818SS	
4	5	CORROSION INHIBITOR EMITTER, 10 CUBIC FT, 2.5" DIA X 2" H	HOFFMAN	AHC10E	
5	2	DOOR-ACTIVATED SWITCH, C1D2	HOFFMAN	LEDHLSWITCH	
6	1	ENCLOSURE LIGHT, LED, 24", 24VDC, 21W, CLASS 1 DIV 2	HOFFMAN	LEDHL24V24	
7	1	HEATER, HAZARDOUS LOCATION, DINRAIL MOUNT, 200W, 120VAC	HOFFMAN	DAHHL200AC	
8	1	THERMOSTAT, NO, HAZARDOUS LOCATION, 20C	HOFFMAN	HLTSTAT20C	
9	2	GROUND BAR, 10-HOLE, 8"	HOFFMAN	PGS2K	X
10	1	GROUND BAR, 7-HOLE	SQUARE D	PK7GTA	X
12	1	1769 COMPACTLOGIX, POWER SUPPLY, 24VDC	AB	1769-PB4	X
13	1	1769 COMPACTLOGIX, POWER SUPPLY, 24VDC	AB	1769-PB2	
14	1	1769 COMPACTLOGIX, PROCESSOR, 2MB, ETHERNET	AB	1769-L33ER	X
15	2	1769 COMPACTLOGIX, 32 POINT DC SINK/SOURCE INPUT MODULE	AB	1769-IQ32	X
16	1	1769 COMPACTLOGIX, 32 POINT OUTPUT, SOURCE MODULE	AB	1769-OB32	
17	2	1769 COMPACTLOGIX, HIGH DENSITY ANALOG INPUT MODULE	AB	1769-IF16C	X
18	1	1769 COMPACTLOGIX, 6CH ANALOG INPUT, RTD MODULE	AB	1769-IR6	X
19	4	1769 COMPACTLOGIX, 6CH ANALOG INPUT, THERMOCOUPLE MODULE	AB	1769-IT6	X
20	1	1769 COMPACTLOGIX, ANALOG OUTPUT MODULE, 4 CH ISOLATED, 4-20mA, HART PROTOCOL	SPECTRUM CONTROLS	1769SC-OF4IH	
21	1	1769 COMPACTLOGIX, RIGHT END CAP	AB	1769-ECR	X
22	1	1769 COMPACTLOGIX, RIGHT BANK TO LEFT BANK EXPANSION, 1 FT CABLE	AB	1769-CRL1	X
23	1	1769 COMPACTLOGIX, 8CH ANALOG OUTPUT MODULE, CURRENT	AB	1769-OF8C	X
25	1	PUSHBUTTON, 30mm, RED, TYPE 4/4X/13 PLASTIC, PUSH-PULL/TWIST, MUSHROOM HEAD, OPERATOR ONLY	AB	800H-FRXT6	
26	1	PUSHBUTTON, 30mm, PROTECTIVE GUARD, STAINLESS STEEL	AB	800T-N310	
27	2	CONTACT BLOCK, SEALED SWITCH BLOCK, 1 NO - 1 NC	AB	800T-XAP	X
28	1	SELECTOR SWITCH, 30mm, TYPE 4/4X/13 PLASTIC, 2 POSITION, OPERATOR ONLY	AB	800H-HR2	X
29	1	OPERATOR INTERFACE TERMINAL, 21.5" COLOR TOUCHSCREEN, ETHERNET, USB/SERIAL PORTS, 24VDC	ARISTA	ARP-2221AP-G01-034-700-C1D2	
30	1	TEMPERATURE TRANSMITTER, 4-20mA WITH HART PROTOCOL, CLASS I, DIV2, DINRAIL MOUNT	ROSEMOUNT	248RA15	
31	1	TEMPERATURE SENSOR, THIN-FILM, PT100, -58-842, CLASS B, 4WIRE, 2.75", WELDED ADAPTER	ROSEMOUNT	214CRSMB1S4E0027WA	
32	1	MOUNT FOR RTD	PRIME CONTROLS	CUSTOM MOUNT	
33	1	FIBER OPTIC PATCH PANEL, MULTIMODE LC/LC QUAD FIBER ADAPTERS	DINSPACE	SNAP-12LC-MM	
34	1	SWITCH, 8 ETHERNET 10/100 PORTS, 2 DUAL-PURPOSE UPLINK PORTS	CISCO	IE-2000-BTC-G-B	
35	2	PATCH CABLE, CAT6, BLUE, 7 FT	ALLEN TEL	AT1607-BU	X
36	2	FIBER OPTIC PATCH CABLE, LC/LC, MULTIMODE 62.5/125 MICRON, 1 M	ALLEN TEL	GBLC2-D2-01	
37	1	ELECTRONIC DEVICE CIRCUIT BREAKER, HMC 11 50VDC/120VAC 15A, C1D2, TBUS	PHOENIX CONTACT	2907197	
38	1	POWER SUPPLY, QUINT-PS/1AC/24DC/20, 24VDC, 20A	PHOENIX CONTACT	2866776	X
40	3	RELAY, PLC-RSC-24DC/21/C1D2, SPDT, CLASS I, DIV II, 24VDC COIL, 6A CONTACTS	PHOENIX CONTACT	5603154	X
43	1	SURGE SUPPRESSOR, PLT-SEC-T3-120-FM, LINE, 120VAC/DC, 20A	PHOENIX CONTACT	2905228	X
44	1	SINGLE CHANNEL LOOP POWERED ISOLATOR, 4-20mA	PHOENIX CONTACT	2901994	
45	4	ISOLATION BARRIER, 24VDC, ANALOG IN I/O TYPE, TEMPERATURE CONVERTER, SINGLE CHANNEL	AB	937CS-AITMP-DC1	
46	2	ISOLATION BARRIER, 24VDC, DIGITAL IN I/O TYPE, RELAY OUTPUT, DUAL CHANNEL	AB	937TH-DISAR-DC2	
48	24	FUSE BLOCK, 1 POLE, CLASS CC	AB	1492-FB1C30	X
49	A/R	FUSE HOLDER, BUS BAR, PIN STYLE, 80A	AB	1492-A1B8	
50	1	TERMINAL BLOCK, FEED THROUGH, UT 6 WH, WHITE, 1000V, 24-8 AWG	PHOENIX CONTACT	3045198	X
51	1	TERMINAL BLOCK, GROUND, UT 6-PE, GREEN/YELLOW, 24-8 AWG	PHOENIX CONTACT	3044157	X
52	1	TERMINAL BLOCK, COVER, D-UT 2.5/10, GRAY, (UT6 TERMINALS)	PHOENIX CONTACT	3047028	X
53	140	TERMINAL BLOCK, FUSED, UT 4-HESILED 24, 5 x 20 mm, 24V w/LED, 26-10 AWG	PHOENIX CONTACT	3046090	X
54	3	TERMINAL BLOCK, FEED THROUGH, UT 4-MTD WH, WHITE, 800V, 26-10 AWG	PHOENIX CONTACT	3047701	X
55	187	TERMINAL BLOCK, FEED THROUGH, UT 4-MTD, GRAY, 800V, 26-10 AWG	PHOENIX CONTACT	3046184	X
56	61	TERMINAL BLOCK, GROUND, UT 4-MTD-PE, GREEN/YELLOW, 26-10 AWG	PHOENIX CONTACT	3046223	X
57	12	TERMINAL BLOCK, COVER, D-UT 2.5/4-TWIN, GRAY, (UT4-MTD TERMINALS)	PHOENIX CONTACT	3047141	X
58	35	TERMINAL BLOCK, END CLAMP, E/NS 35 N, GRAY	PHOENIX CONTACT	0800886	X
59	17	TERMINAL BLOCK, GROUP MARKER, KLM-A	PHOENIX CONTACT	1004348	X
60	A/R	TERMINAL BLOCK, JUMPER PLUG-IN BRIDGE, FBS 50-6, RED (USE WITH UT 4 & UT 4-MTD)	PHOENIX CONTACT	3032224	X

BILL OF MATERIALS

ITEM	QTY	DESCRIPTION	MFG	CATALOG	STOCK
64	2	FUSE, FAST ACTING, RoHS, 10A, 600V, 10mm x 38mm, CLASS CC	BUSSMANN	KTK-R-10	X
65	1	FUSE, FAST ACTING, RoHS, 6A, 600V, 10mm x 38mm, CLASS CC	BUSSMANN	KTK-R-6	X
66	1	FUSE, FAST ACTING, RoHS, 5A, 600V, 10mm x 38mm, CLASS CC	BUSSMANN	KTK-R-5	X
67	1	FUSE, FAST ACTING, RoHS, 3A, 600V, 10mm x 38mm, CLASS CC	BUSSMANN	KTK-R-3	X
68	13	FUSE, FAST ACTING, RoHS, 2A, 600V, 10mm x 38mm, CLASS CC	BUSSMANN	KTK-R-2	X
69	6	FUSE, FAST ACTING, RoHS, 1A, 600V, 10mm x 38mm, CLASS CC	BUSSMANN	KTK-R-1	X
71	96	FUSE, FAST-ACTING, 1A, 250V, 5mm x 20mm, CERAMIC	BUSSMANN	S501-1-R	
72	44	FUSE, FAST-ACTING, 1/4A, 250V, 5mm x 20mm, CERAMIC	BUSSMANN	S501-250-R	
74	A/R	DIN RAIL, RAISED, ALUMINUM, 1M	AB	1492-DR6	X
75	A/R	DIN RAIL, NS 35/ 7.5 PERFORATED 2000MM	PHOENIX CONTACT	0801733	X
76	A/R	WIRE DUCT, TYPE F, 3.25" x 4.10", RIGID WHITE VINYL	PANDUIT	F3X4WH6	X
77	A/R	WIRE DUCT COVER, TYPE F, 3.25", CHANNELS, RIGID WHITE VINYL	PANDUIT	C3WH6-F	X
78	A/R	WIRE DUCT, TYPE F, 2.25" x 4.10", RIGID WHITE VINYL	PANDUIT	F2X4WH6	X
79	A/R	WIRE DUCT COVER, TYPE F, 2.25", CHANNELS, RIGID WHITE VINYL	PANDUIT	C2WH6-F	X
80	A/R	WIRE DUCT, TYPE F, 1.26" x 4.10", RIGID WHITE VINYL	PANDUIT	F1X4WH6	X
81	A/R	WIRE DUCT COVER, TYPE F, 1.26", CHANNELS, RIGID WHITE VINYL	PANDUIT	C1WH6-F	X
82	A/R	WIRE DUCT, TYPE F, 1.25" X 4.10", RIGID BLUE VINYL	PANDUIT	F1X4IB6	
83	A/R	WIRE DUCT COVER, TYPE F, 1.26", CHANNELS, RIGID BLUE VINYL	PANDUIT	C1IB6-F	
86	1	ANSI WARNING, INTRINSICALLY SAFE CIRCUITS, 4.00" X 5.00"	BRADY	Y4460662	X
87	1	ANSI WARNING, INTRINSICALLY SAFE WIRING ONLY, 2.25" X 3.50"	BRADY	Y4460668	X
88	1	ANSI WARNING, SUBSTITUTION OF COMPONENTS, 2.25" X 3.50"	BRADY	Y4460670	X
89	1	120 VOLTS, 1.09" X 4.50"	BRADY	44204	X
90	1	ANSI WARNING ELECTRICAL HAZARD, 3.00" X 5.00"	BRADY	Y4460667	X

WIRING KEY (UNLESS OTHERWISE NOTED)			
<b>480VAC</b>		<b>TYPE</b>	
PHASE A	BROWN	14 AWG	MTW/TEW, 600V@105°C
PHASE B	ORANGE	14 AWG	MTW/TEW, 600V@105°C
PHASE C	YELLOW	14 AWG	MTW/TEW, 600V@105°C
<b>240/208VAC</b>		<b>TYPE</b>	
PHASE A	BLACK	14 AWG	MTW/TEW, 600V@105°C
PHASE B	RED	14 AWG	MTW/TEW, 600V@105°C
PHASE C	BLUE	14 AWG	MTW/TEW, 600V@105°C
<b>120VAC</b>		<b>TYPE</b>	
SUPPLY	BLACK	14 AWG	MTW/TEW, 600V@105°C
RETURN	WHITE	14 AWG	MTW/TEW, 600V@105°C
SWITCHED	RED	16 AWG	MTW/TEW, 600V@105°C
GROUNDING	GREEN	14 AWG	MTW/TEW, 600V@105°C
UPS SUPPLY	BLACK/ORANGE	14 AWG	MTW/TEW, 600V@105°C
UPS RETURN	WHITE/ORANGE	14 AWG	MTW/TEW, 600V@105°C
EXTERNAL SOURCE	ORANGE	14 AWG	MTW/TEW, 600V@105°C
<b>24VDC</b>		<b>TYPE</b>	
SUPPLY	BLUE	16 AWG	MTW/TEW, 600V@105°C
RETURN	GRAY	16 AWG	MTW/TEW, 600V@105°C
RETURN (GROUNDED)	WHITE/BLUE	16 AWG	MTW/TEW, 600V@105°C
GROUNDING	GREEN	14 AWG	MTW/TEW, 600V@105°C
SWITCHED	PURPLE	16 AWG	MTW/TEW, 600V@105°C
<b>SIGNAL I/O</b>		<b>TYPE</b>	
DIGITAL INPUTS	BROWN	16 AWG	MTW/TEW, 600V@105°C
DIGITAL OUTPUTS	TAN	16 AWG	MTW/TEW, 600V@105°C
SIGNAL 4-20mA LOOP	BLACK/WHITE	18 AWG/SHLD	MTW/TEW, 600V@105°C
PANEL WIRING			
FIELD WIRING			

ISSUED FOR PANEL CONSTRUCTION

NOTES		REFERENCE DRAWINGS		REVISIONS			JOB: 1960017		 1725 LAKEPOINTE DRIVE LEWISVILLE, TX 75057 (972) 221-4849	COMPRESSOR PANEL C-41000 BILL OF MATERIALS	
				D	03/08/19	ISSUED FOR PANEL CONSTRUCTION	YRF	KPM		JAT	
				C	03/07/19	CUSTOMER CHANGES	KPM	RSH	JAT		
				B	02/05/19	DESIGN REVISIONS	DAK	CGW	JAT		
				A	01/30/19	DESIGN	DAK	CGW	JAT		
		DWG NO	DESCRIPTION	REV	DATE	DESCRIPTION	DRWN	CHKD	APPL	COA STATE	
										COA NUMBER	
										SIZE B	SCALE
										DWG NO	0356-0004-PLC1-1201
										REV D	

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1725 LAKEPOINT DR.  
LEWISVILLE, TX 75057  
1-866-99-SCADA  
WWW.PRIME-CONTROLS.COM

PANEL INFORMATION			
S/N:	0356-0004-PLC1	PROJECT NO:	1960017
MFG DATE:	03/08/2019	ENCLOSURE TYPE:	TYPE 4X
INCOMING SOURCES OF POWER			
SOURCE 1		SOURCE 2	
DISCONNECT:	CB1	DISCONNECT:	NA
MAXIMUM VOLTAGE:	120VAC	MAXIMUM VOLTAGE:	
PHASE:	1	PHASE:	
FREQUENCY:	60 HZ	FREQUENCY:	
TOTAL FLA:	7A	TOTAL FLA:	
SCCR:		SCCR:	

### WARNINGS

WARNING - DO NOT REMOVE OR REPLACE LAMPS, FUSES OR PLUG-IN MODULES WHILE CIRCUIT IS LIVE UNLESS THE AREA IS KNOWN TO BE FREE OF IGNITABLE CONCENTRATIONS OF FLAMMABLE GASES OR VAPORS.

WARNING - EXPLOSION HAZARD - SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY FOR C1, DIV2.

WARNING - EXPLOSION HAZARD - DO NOT DISCONNECT EQUIPMENT UNLESS POWER HAS BEEN SWITCHED OFF OR THE AREA IS KNOWN TO BE NON-HAZARDOUS.

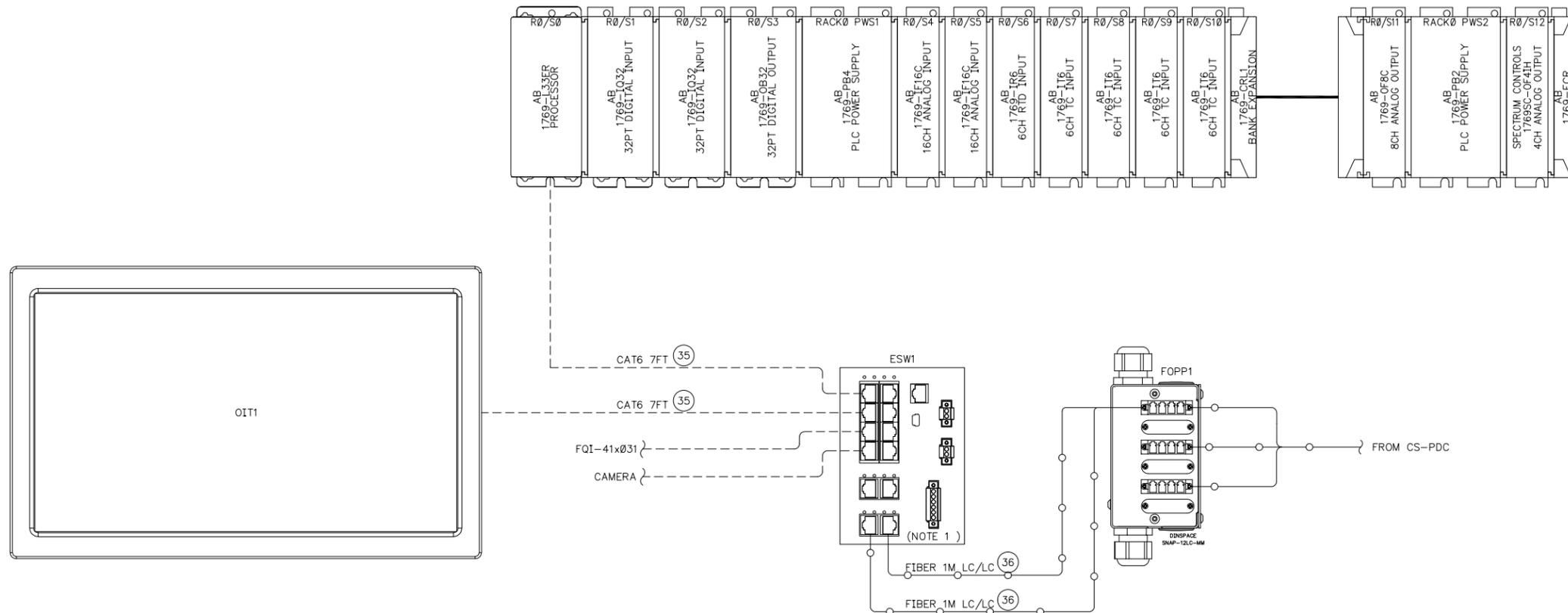
MAX AMBIENT TEMP: 0-55C  
TEMPERATURE CODE: T3C  
AREA CLASS: CLASS I, DIV 2 GROUPS B, C & D

0356-0004-PLC1

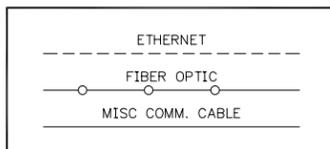
**ISSUED FOR PANEL CONSTRUCTION**

NOTES	REFERENCE DRAWINGS	REVISIONS	JOB: 1960017	 1725 LAKEPOINTE DRIVE LEWISVILLE, TX 75057 (972) 221-4849	COMPRESSOR PANEL C-41000 LABEL SCHEDULE																							
		<table border="1"> <tr> <td>D</td> <td>03/08/19</td> <td>ISSUED FOR PANEL CONSTRUCTION</td> <td>YRF</td> <td>KPM</td> <td>JAT</td> </tr> <tr> <td>C</td> <td>03/07/19</td> <td>CUSTOMER CHANGES</td> <td>KPM</td> <td>RSH</td> <td>JAT</td> </tr> <tr> <td>B</td> <td>02/05/19</td> <td>DESIGN REVISIONS</td> <td>DAK</td> <td>CGW</td> <td>JAT</td> </tr> <tr> <td>A</td> <td>01/30/19</td> <td>DESIGN</td> <td>DAK</td> <td>CGW</td> <td>JAT</td> </tr> </table>	D			03/08/19	ISSUED FOR PANEL CONSTRUCTION	YRF	KPM	JAT	C	03/07/19	CUSTOMER CHANGES	KPM	RSH	JAT	B	02/05/19	DESIGN REVISIONS	DAK	CGW	JAT	A	01/30/19	DESIGN	DAK	CGW	JAT
D	03/08/19	ISSUED FOR PANEL CONSTRUCTION	YRF	KPM	JAT																							
C	03/07/19	CUSTOMER CHANGES	KPM	RSH	JAT																							
B	02/05/19	DESIGN REVISIONS	DAK	CGW	JAT																							
A	01/30/19	DESIGN	DAK	CGW	JAT																							
				COA NUMBER																								
	DWG NO	DESCRIPTION	REV	DATE	DESCRIPTION	DRWN	CHKD	APPVL	SIZE	SCALE	DWG NO	0356-0004-PLC1-1401	REV	D														

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CABLE LEGEND



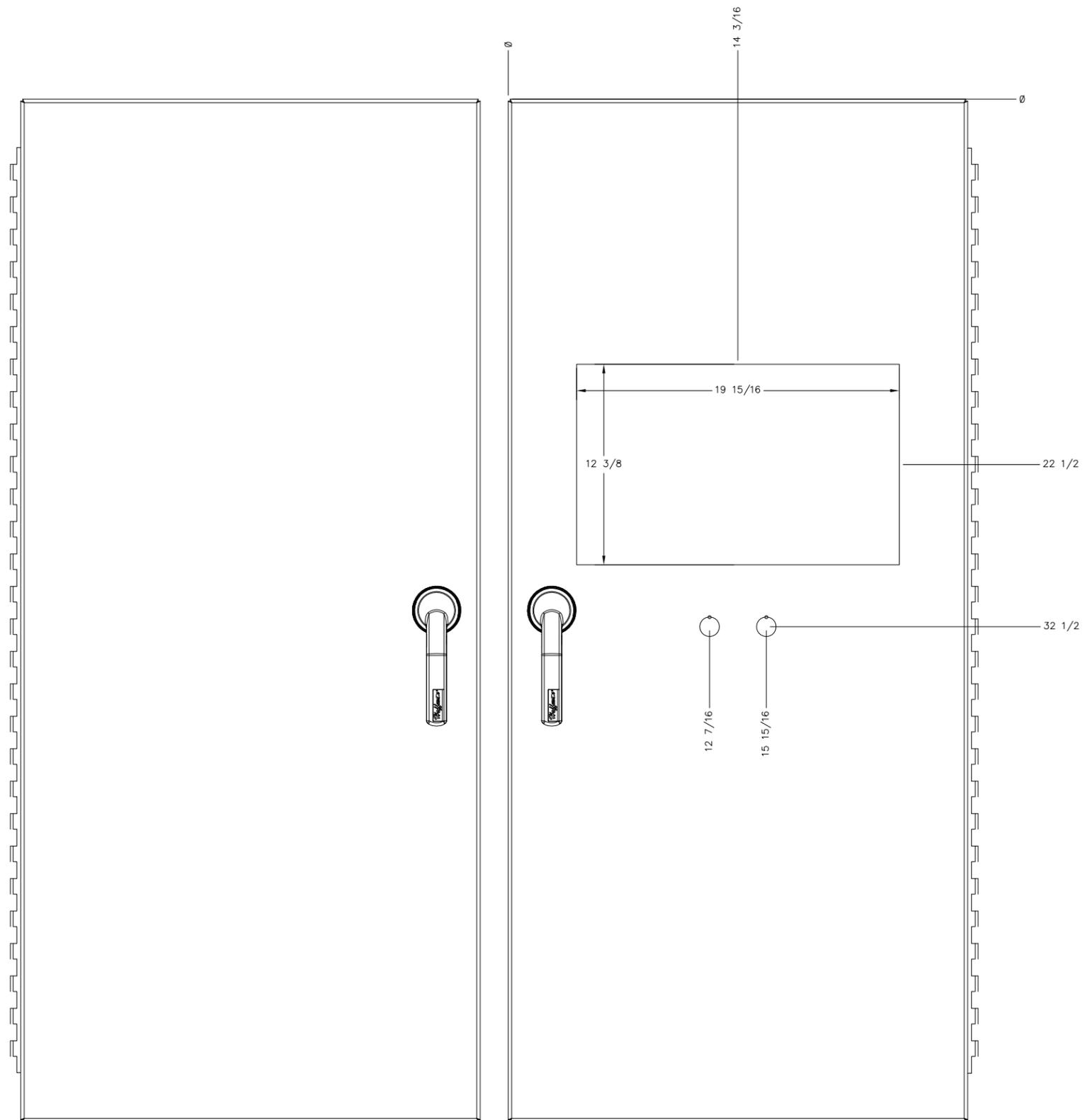
ISSUED FOR PANEL CONSTRUCTION

NOTES	REFERENCE DRAWINGS	REVISIONS	JOB: 1960017	PRIME CONTROLS		COMPRESSOR PANEL	
1. SPF MODULES WILL BE PROVIDED BY CUSTOMER DURING COMMISSIONING.				1725 LAKEPOINTE DRIVE LEWISVILLE, TX 75057 (972) 221-4849		C-41000 COMMUNICATION DIAGRAM	
		D 03/08/19 ISSUED FOR PANEL CONSTRUCTION	YRF	KPM	JAT	SIZE B	SCALE NTS
		C 03/07/19 CUSTOMER CHANGES		KPM	RSH	DWG NO	0356-0004-PLC1-2001
		B 02/05/19 DESIGN REVISIONS		DAK	CGW	REV D	
		A 01/30/19 DESIGN		DAK	CGW		
	DWG NO	DESCRIPTION	REV	DATE	DESCRIPTION	DRWN	CHKD
						APPVL	

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**ISSUED FOR PANEL CONSTRUCTION**

NOTES	
1. PANEL SHOP TO CONFIRM CUTOUT DETAILS WITH MANUFACTURER PROVIDED CUTOUT PAGE.	

REFERENCE DRAWINGS	
DWG NO	DESCRIPTION

REVISIONS			JOB: 1960017		
REV	DATE	DESCRIPTION	DRWN	CHKD	APPVL
D	03/08/19	ISSUED FOR PANEL CONSTRUCTION	YRF	KPM	JAT
C	03/07/19	CUSTOMER CHANGES	KPM	RSH	JAT
B	02/05/19	DESIGN REVISIONS	DAK	CGW	JAT
A	01/30/19	DESIGN	DAK	CGW	JAT

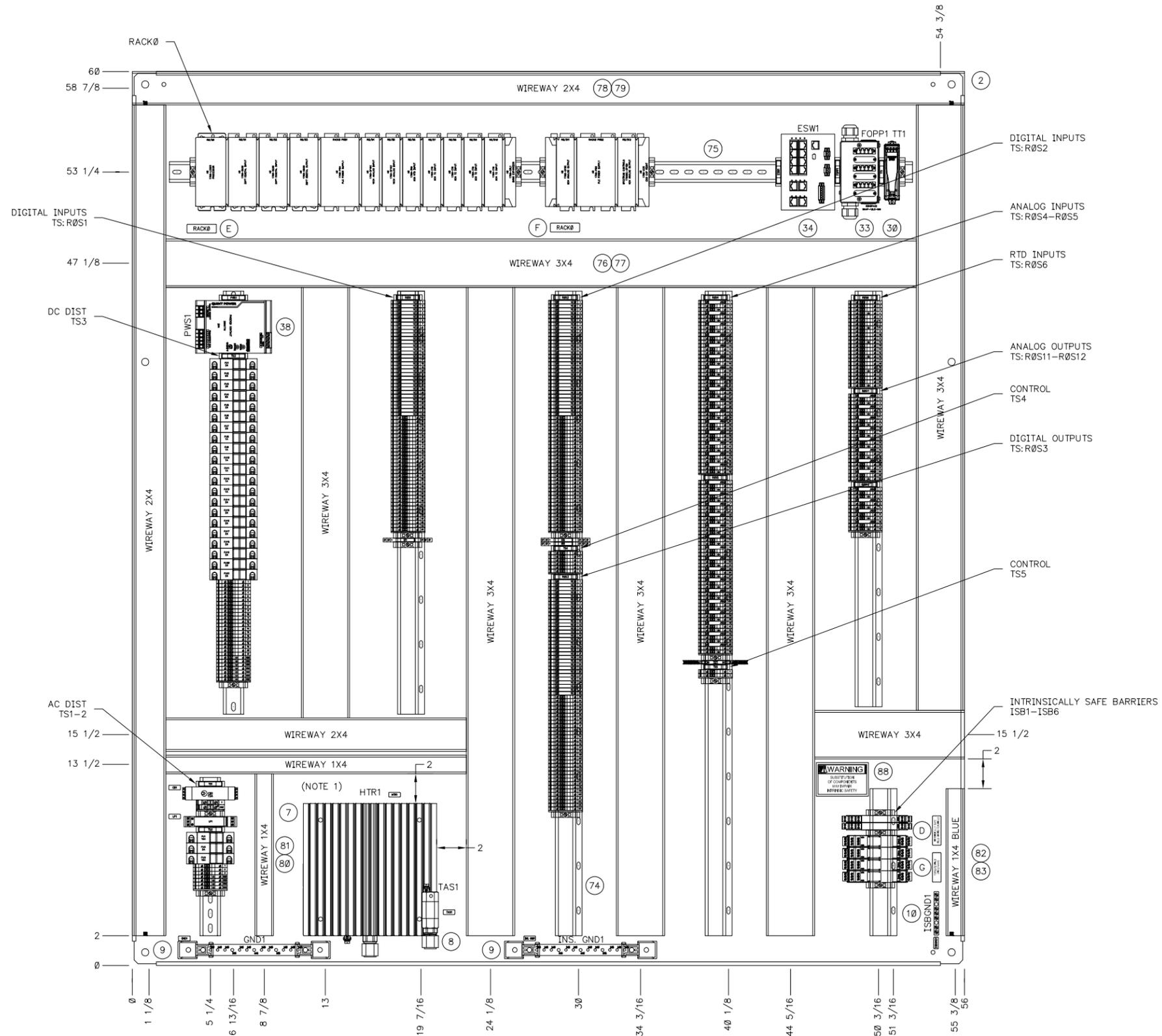
**PRIME CONTROLS**  
 1725 LAKEPOINTE DRIVE  
 LEWISVILLE, TX 75057  
 (972) 221-4849

COA STATE  
 COA NUMBER

SIZE	SCALE	DWG NO	REV
B	1/8" = 1"	0356-0004-PLC1-3003	D

COMPRESSOR PANEL C-41000 CUTOUT DETAILS	
---	--

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ISSUED FOR PANEL CONSTRUCTION

NOTES	
1.	HEATER COMES WITH MOUNTING KIT AND RAILING. PANEL SHOP TO CUT RAILING DOWN TO SIZE.

REFERENCE DRAWINGS	
DWG NO	DESCRIPTION

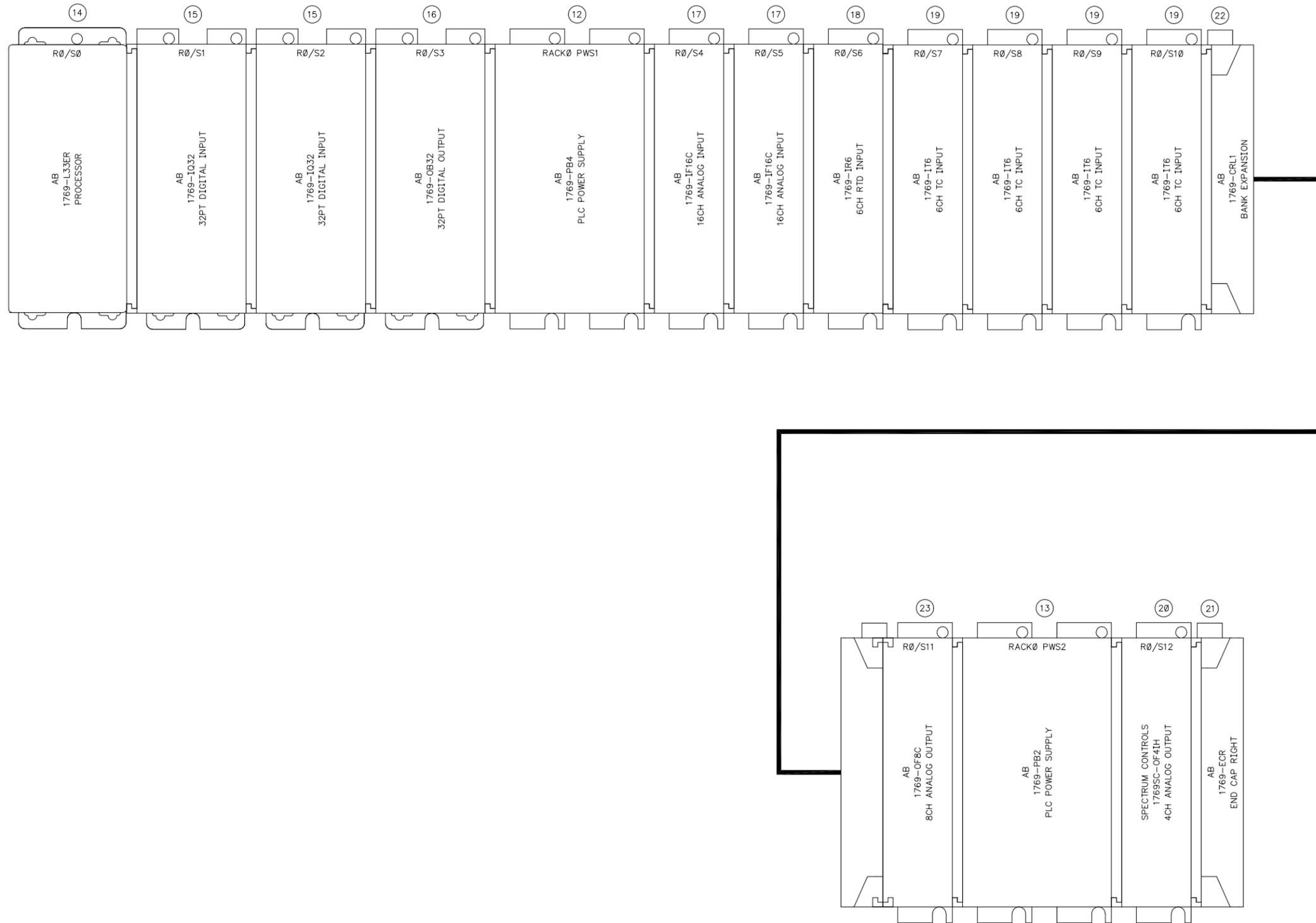
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REV	DATE	DESCRIPTION	DRWN	CHKD	APPL
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C	03/07/19	CUSTOMER CHANGES	KPM	RSH	JAT
B	02/05/19	DESIGN REVISIONS	DAK	CGW	JAT
A	01/30/19	DESIGN	DAK	CGW	JAT

**PRIME CONTROLS**  
 1725 LAKEPOINTE DRIVE  
 LEWISVILLE, TX 75057  
 (972) 221-4849

COA STATE  
 COA NUMBER

COMPRESSOR PANEL C-41000 SUBPANEL LAYOUT			
SIZE	SCALE	DWG NO	REV
B	1/8" = 1"	0356-0004-PLC1-3101	D

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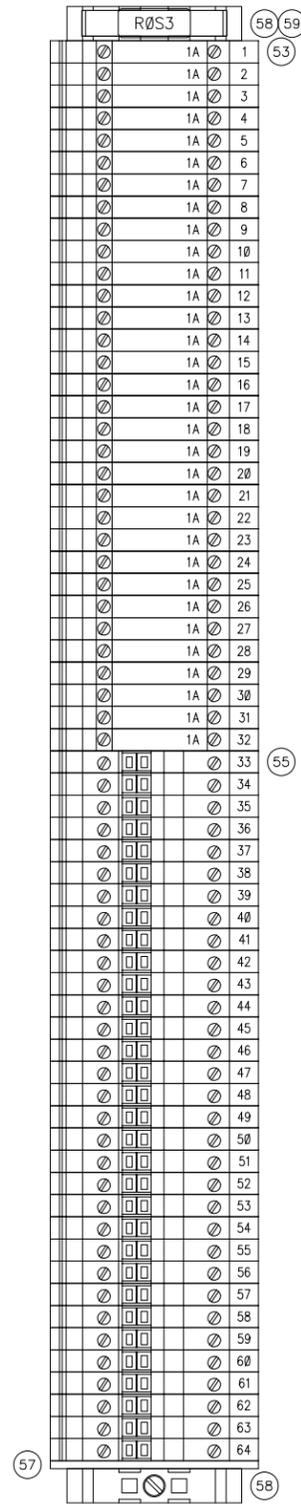


**ISSUED FOR PANEL CONSTRUCTION**

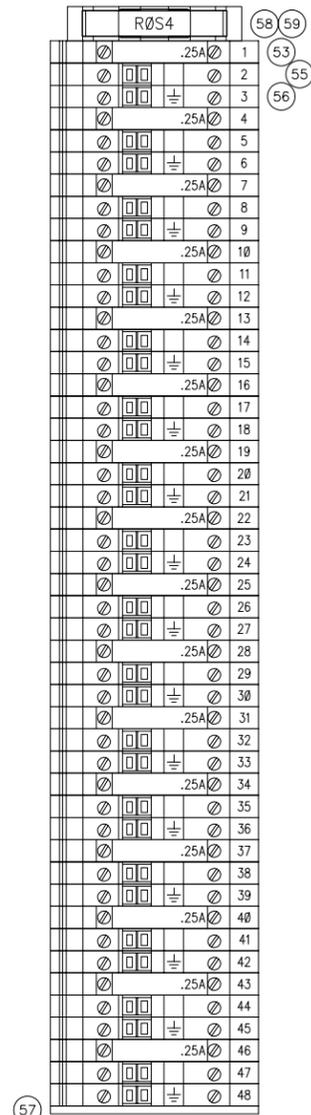
NOTES	REFERENCE DRAWINGS	REVISIONS	JOB: 1960017	 1725 LAKEPOINTE DRIVE LEWISVILLE, TX 75057 (972) 221-4849	COMPRESSOR PANEL C-41000 PLC DETAILS																																
		<table border="1"> <tr> <th>REV</th> <th>DATE</th> <th>DESCRIPTION</th> <th>DRWN</th> <th>CHKD</th> <th>APPLV</th> </tr> <tr> <td>D</td> <td>03/08/19</td> <td>ISSUED FOR PANEL CONSTRUCTION</td> <td>YRF</td> <td>KPM</td> <td>JAT</td> </tr> <tr> <td>C</td> <td>03/07/19</td> <td>CUSTOMER CHANGES</td> <td>KPM</td> <td>RSH</td> <td>JAT</td> </tr> <tr> <td>B</td> <td>02/05/19</td> <td>DESIGN REVISIONS</td> <td>DAK</td> <td>CGW</td> <td>JAT</td> </tr> <tr> <td>A</td> <td>01/30/19</td> <td>DESIGN</td> <td>DAK</td> <td>CGW</td> <td>JAT</td> </tr> </table>	REV		DATE	DESCRIPTION	DRWN	CHKD	APPLV	D	03/08/19	ISSUED FOR PANEL CONSTRUCTION	YRF	KPM	JAT	C	03/07/19	CUSTOMER CHANGES	KPM	RSH	JAT	B	02/05/19	DESIGN REVISIONS	DAK	CGW	JAT	A	01/30/19	DESIGN	DAK	CGW	JAT	COA STATE	SIZE B	SCALE 1/2" = 1"	DWG NO 0356-0004-PLC1-3102
REV	DATE	DESCRIPTION	DRWN	CHKD	APPLV																																
D	03/08/19	ISSUED FOR PANEL CONSTRUCTION	YRF	KPM	JAT																																
C	03/07/19	CUSTOMER CHANGES	KPM	RSH	JAT																																
B	02/05/19	DESIGN REVISIONS	DAK	CGW	JAT																																
A	01/30/19	DESIGN	DAK	CGW	JAT																																

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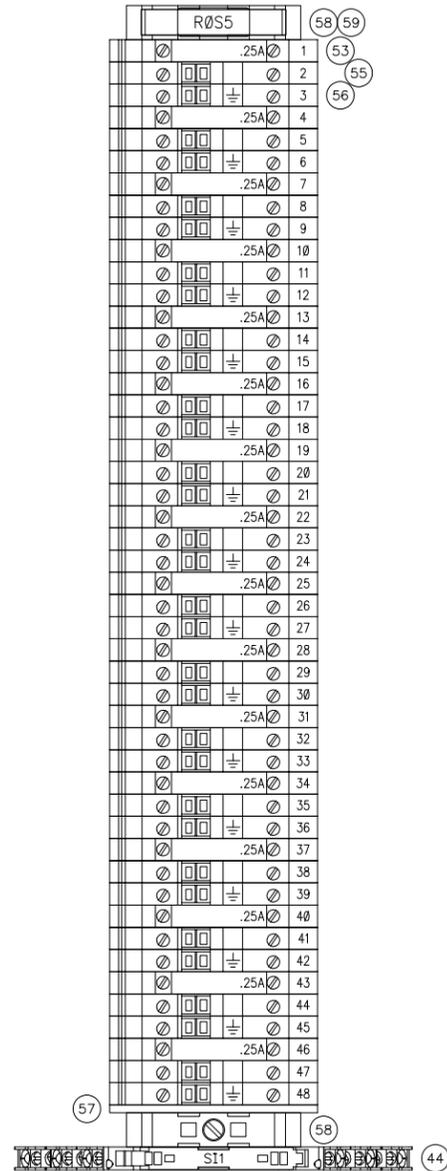




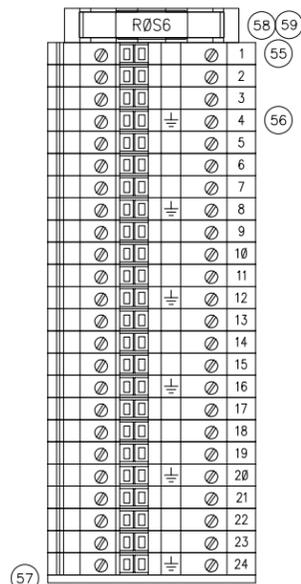
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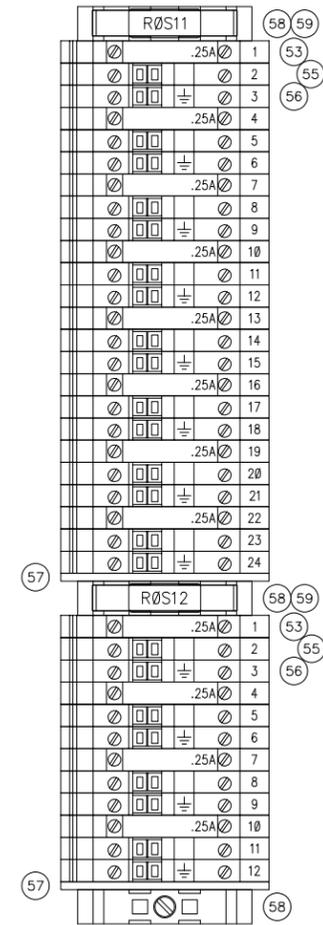
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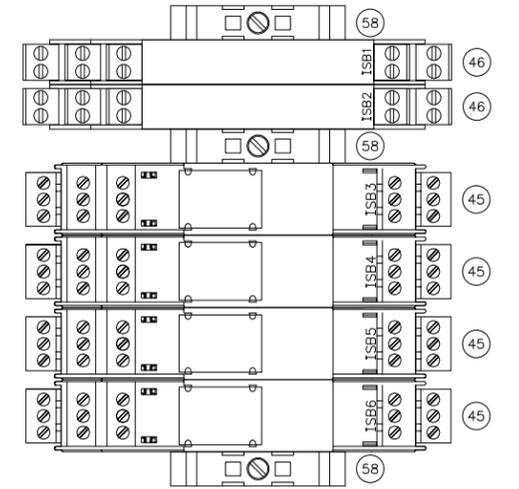
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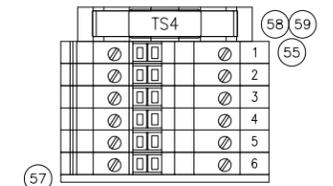
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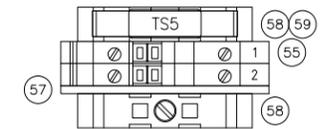
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INTRINSICALLY SAFE BARRIERS  
ISB1-ISB6



CONTROL  
TS4

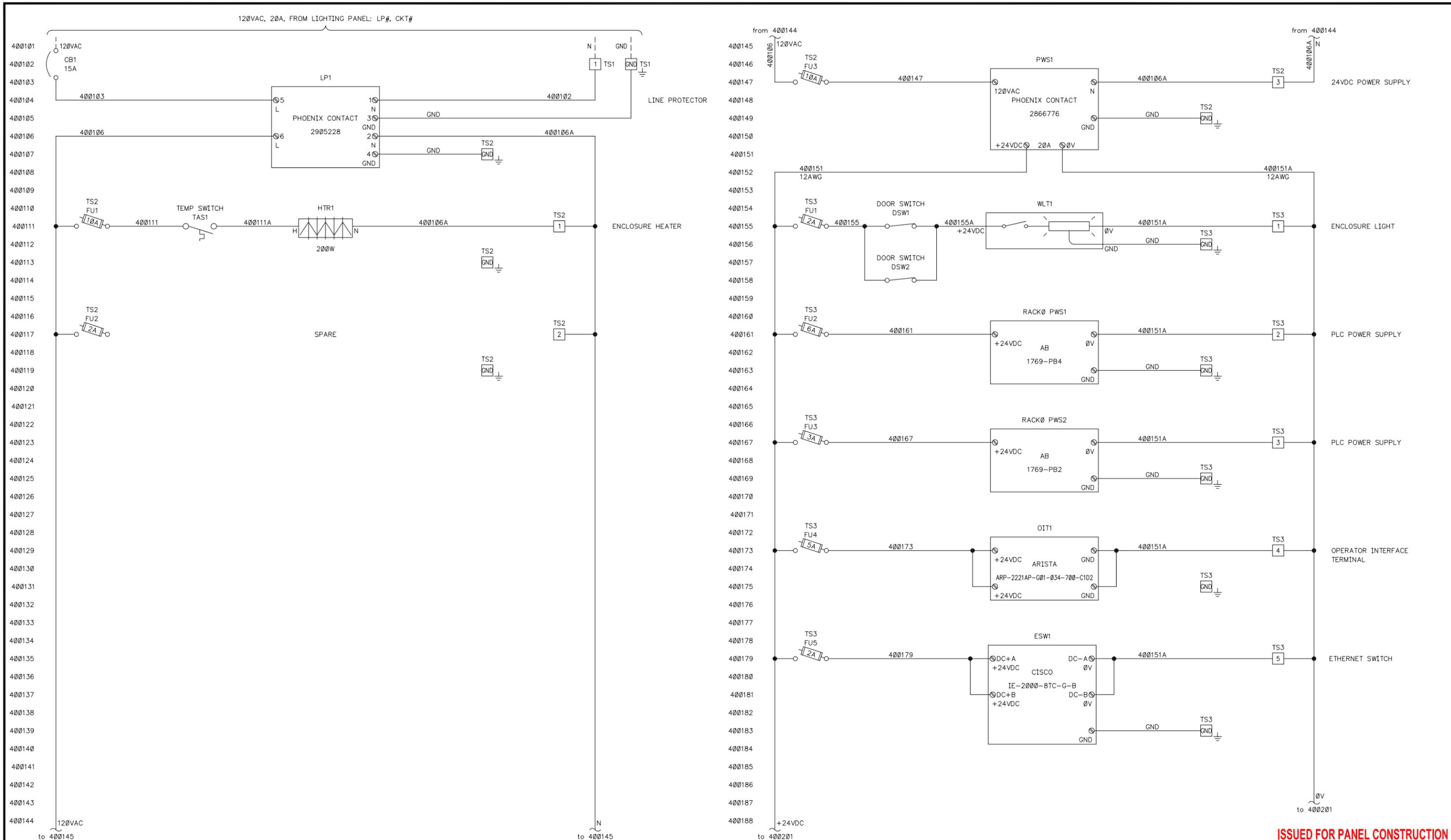


CONTROL  
TS5

ISSUED FOR PANEL CONSTRUCTION

NOTES	REFERENCE DRAWINGS	REVISIONS	JOB: 1960017	PRIME CONTROLS		COMPRESSOR PANEL	
		D 03/08/19 ISSUED FOR PANEL CONSTRUCTION YRF KPM JAT		1725 LAKEPOINTE DRIVE LEWISVILLE, TX 75057 (972) 221-4849		C-41000 TERMINAL BLOCK DETAILS	
		C 03/07/19 CUSTOMER CHANGES KPM RSH JAT		COA STATE		SIZE B SCALE 1/2" = 1" DWG NO 0356-0004-PLC1-3104	
		B 02/05/19 DESIGN REVISIONS DAK CGW JAT		COA NUMBER		REV D	
		A 01/30/19 DESIGN DAK CGW JAT					
DWG NO	DESCRIPTION	REV DATE DESCRIPTION	DRWN	CHKD	APPLV		

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ISSUED FOR PANEL CONSTRUCTION

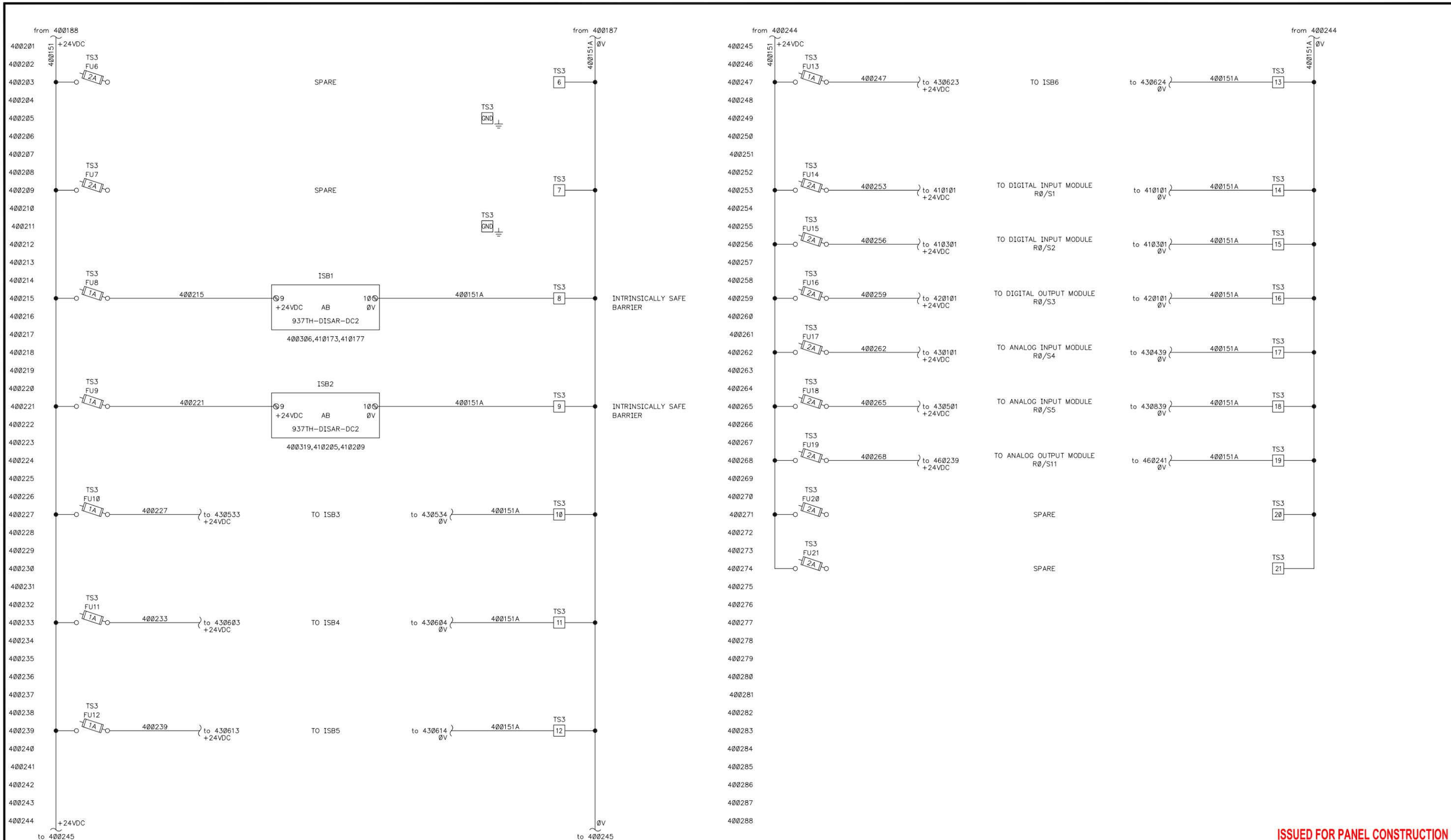
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				C	03/07/19	CUSTOMER CHANGES	KPM	RSH	JAT
				B	02/05/19	DESIGN REVISIONS	DAK	CGW	JAT
				A	01/30/19	DESIGN	DAK	CGW	JAT
DWG NO		DESCRIPTION	REV	DATE	DESCRIPTION	DRWN	CHKD	APPVL	

1725 LAKEPOINTE DRIVE  
LEWISVILLE, TX 75057  
(972) 221-4849

COMPRESSOR PANEL  
C-41000  
POWER DISTRIBUTION WIRING DIAGRAM

SIZE	SCALE	DWG NO	REV
B		0356-0004-PLC1-4001	D

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ISSUED FOR PANEL CONSTRUCTION

NOTES		REFERENCE DRAWINGS		REVISIONS			JOB: 1960017		
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				C	03/07/19	CUSTOMER CHANGES	KPM	RSH	JAT
				B	02/05/19	DESIGN REVISIONS	DAK	CGW	JAT
				A	01/30/19	DESIGN	DAK	CGW	JAT
DWG NO		DESCRIPTION	REV	DATE	DESCRIPTION	DRWN	CHKD	APPL	



1725 LAKEPOINTE DRIVE  
LEWISVILLE, TX 75057  
(972) 221-4849

COMPRESSOR PANEL  
C-41000  
POWER DISTRIBUTION WIRING DIAGRAM

SIZE **B** SCALE DWG NO **0356-0004-PLC1-4002** REV **D**

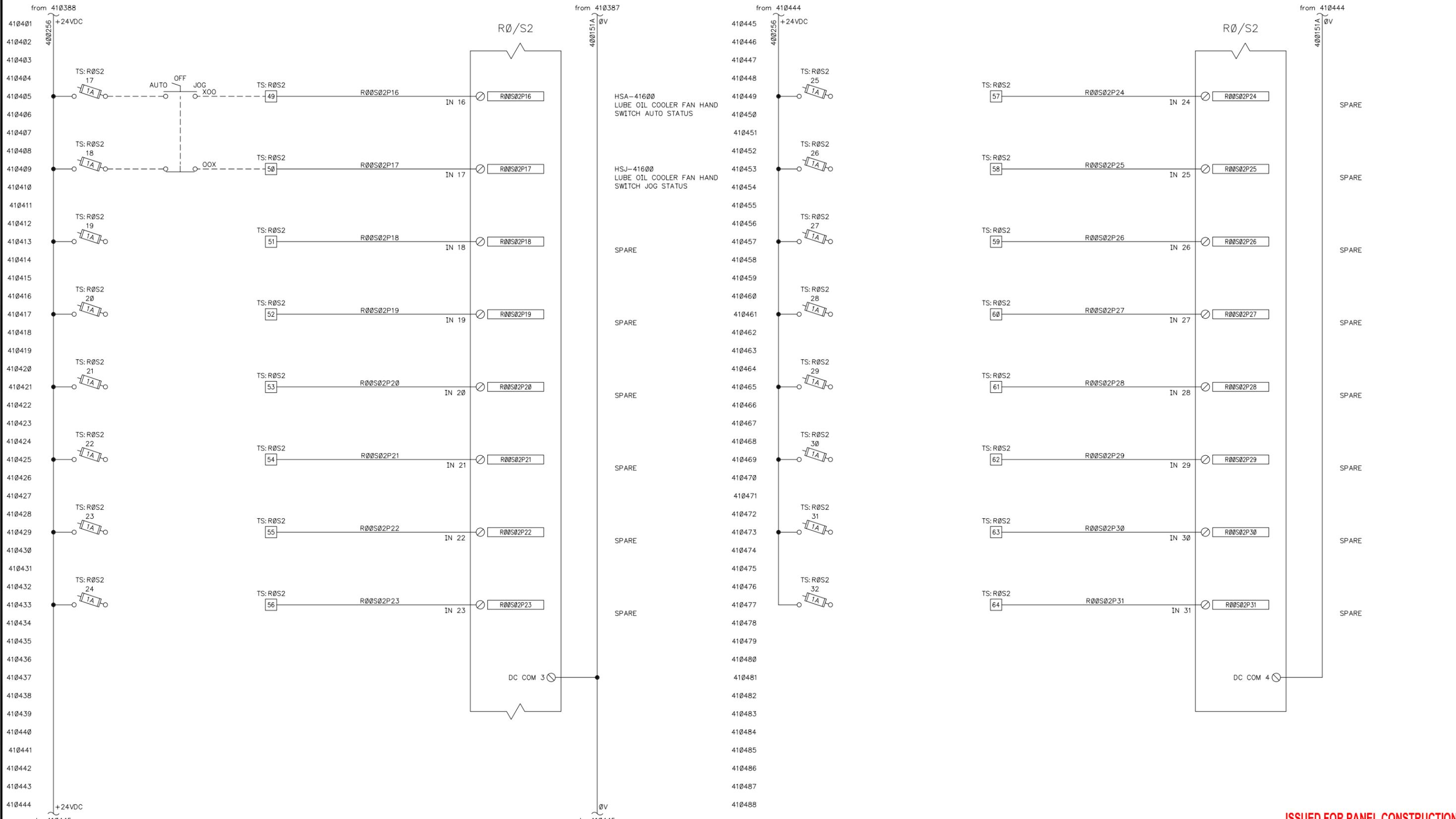
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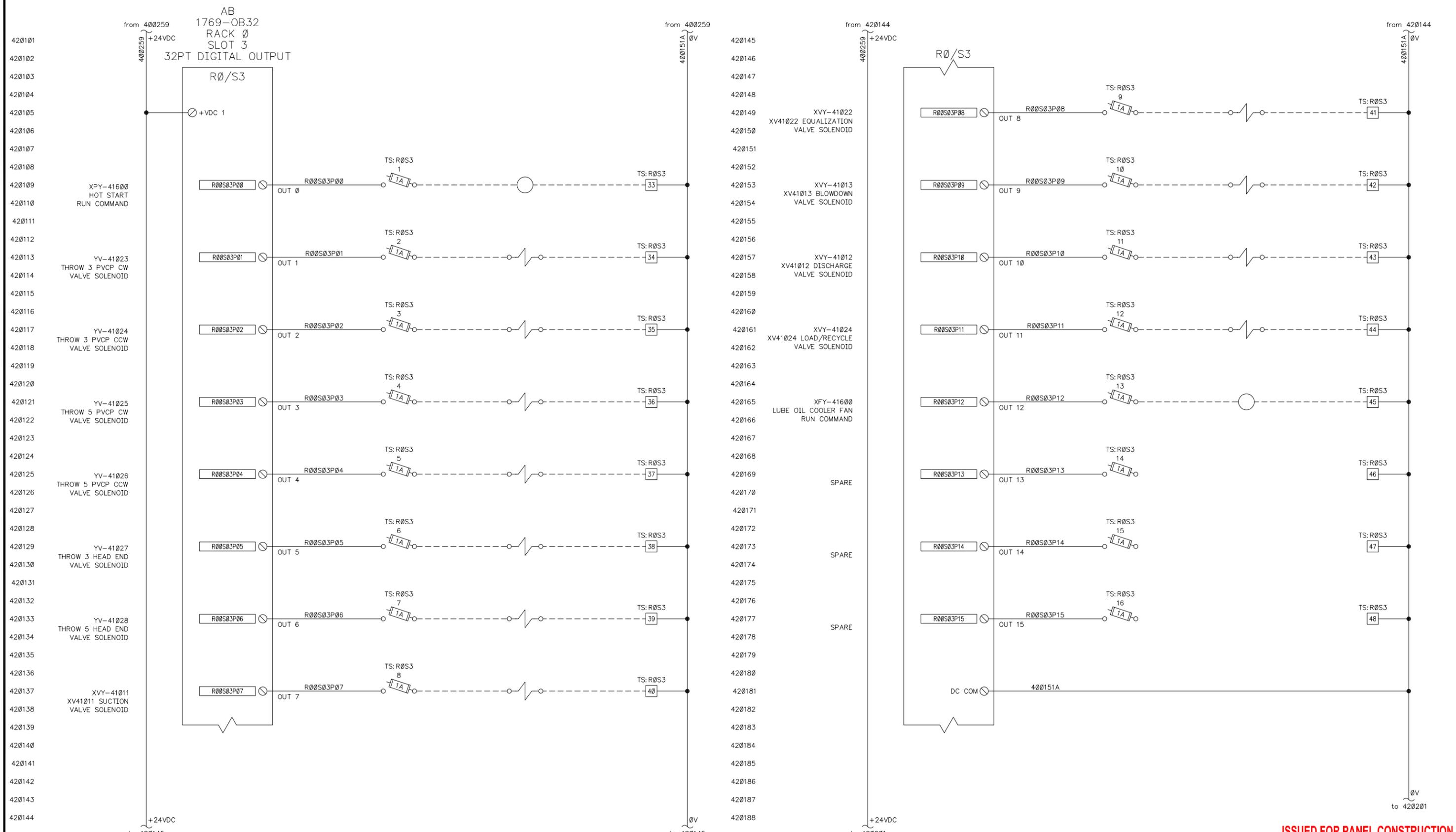
ISSUED FOR PANEL CONSTRUCTION

NOTES		REFERENCE DRAWINGS		REVISIONS			JOB: 1960017		
				D	03/08/19	ISSUED FOR PANEL CONSTRUCTION	YRF	KPM	JAT
				C	03/07/19	CUSTOMER CHANGES	KPM	RSH	JAT
				B	02/05/19	DESIGN REVISIONS	DAK	CGW	JAT
				A	01/30/19	DESIGN	DAK	CGW	JAT
DWG NO		DESCRIPTION	REV	DATE	DESCRIPTION	DRWN	CHKD	APPVL	

<p>1725 LAKEPOINTE DRIVE LEWISVILLE, TX 75057 (972) 221-4849</p>		<p>COMPRESSOR PANEL C-41000 DIGITAL INPUT MODULE WIRING DIAGRAM</p>		
		<p>SIZE B</p>	<p>SCALE</p>	<p>DWG NO</p>

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ISSUED FOR PANEL CONSTRUCTION

NOTES		REFERENCE DRAWINGS		REVISIONS			JOB: 1960017		
				D	03/08/19	ISSUED FOR PANEL CONSTRUCTION	YRF	KPM	JAT
				C	03/07/19	CUSTOMER CHANGES	KPM	RSH	JAT
				B	02/05/19	DESIGN REVISIONS	DAK	CGW	JAT
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DWG NO		DESCRIPTION	REV	DATE	DESCRIPTION	DRWN	CHKD	APPVL	

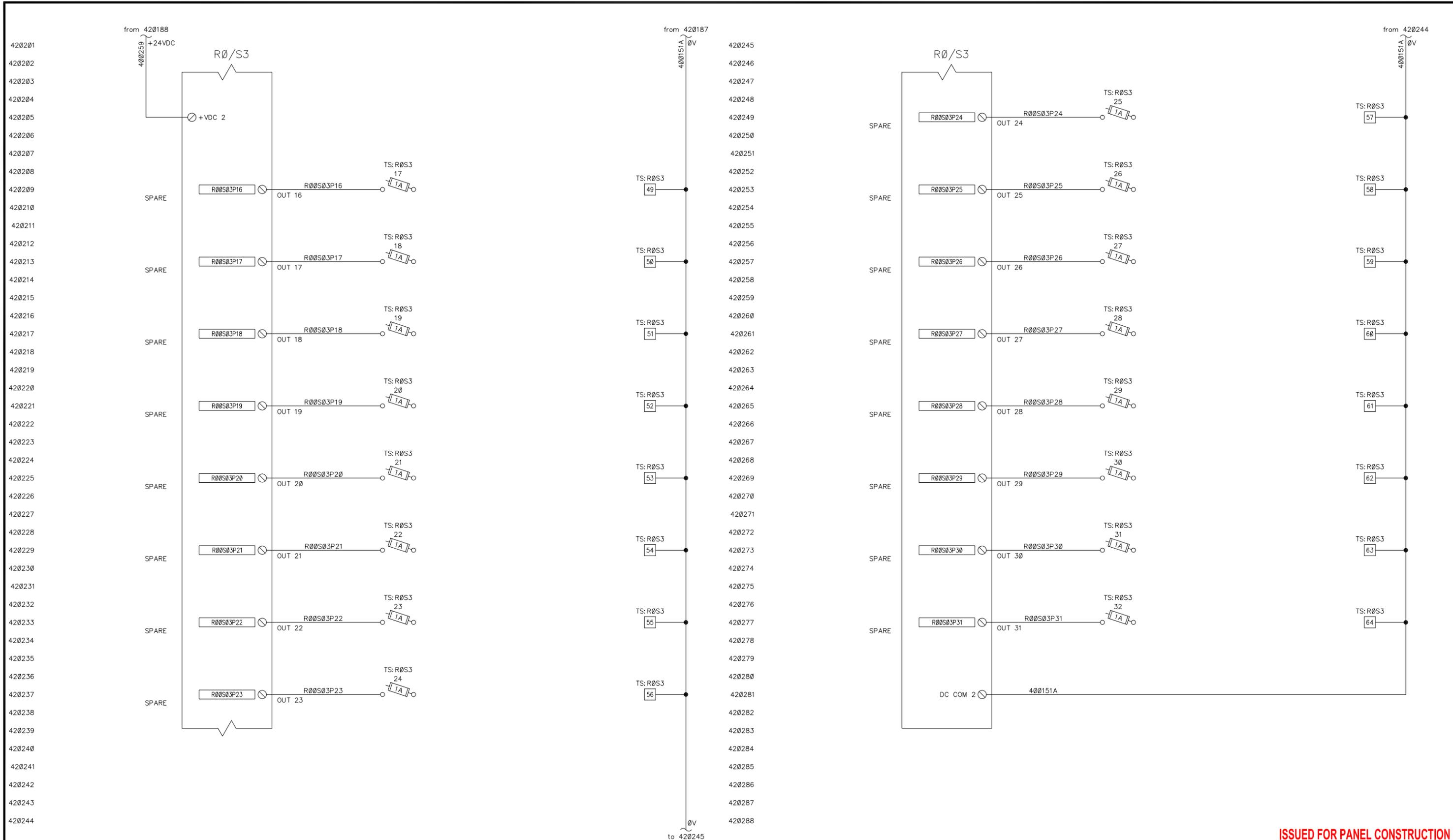
**PRIME CONTROLS**

1725 LAKEPOINTE DRIVE  
LEWISVILLE, TX 75057  
(972) 221-4849

COMPRESSOR PANEL  
C-41000  
DIGITAL OUTPUT MODULE WIRING DIAGRAM

SIZE B	SCALE	DWG NO 0356-0004-PLC1-4201	REV D
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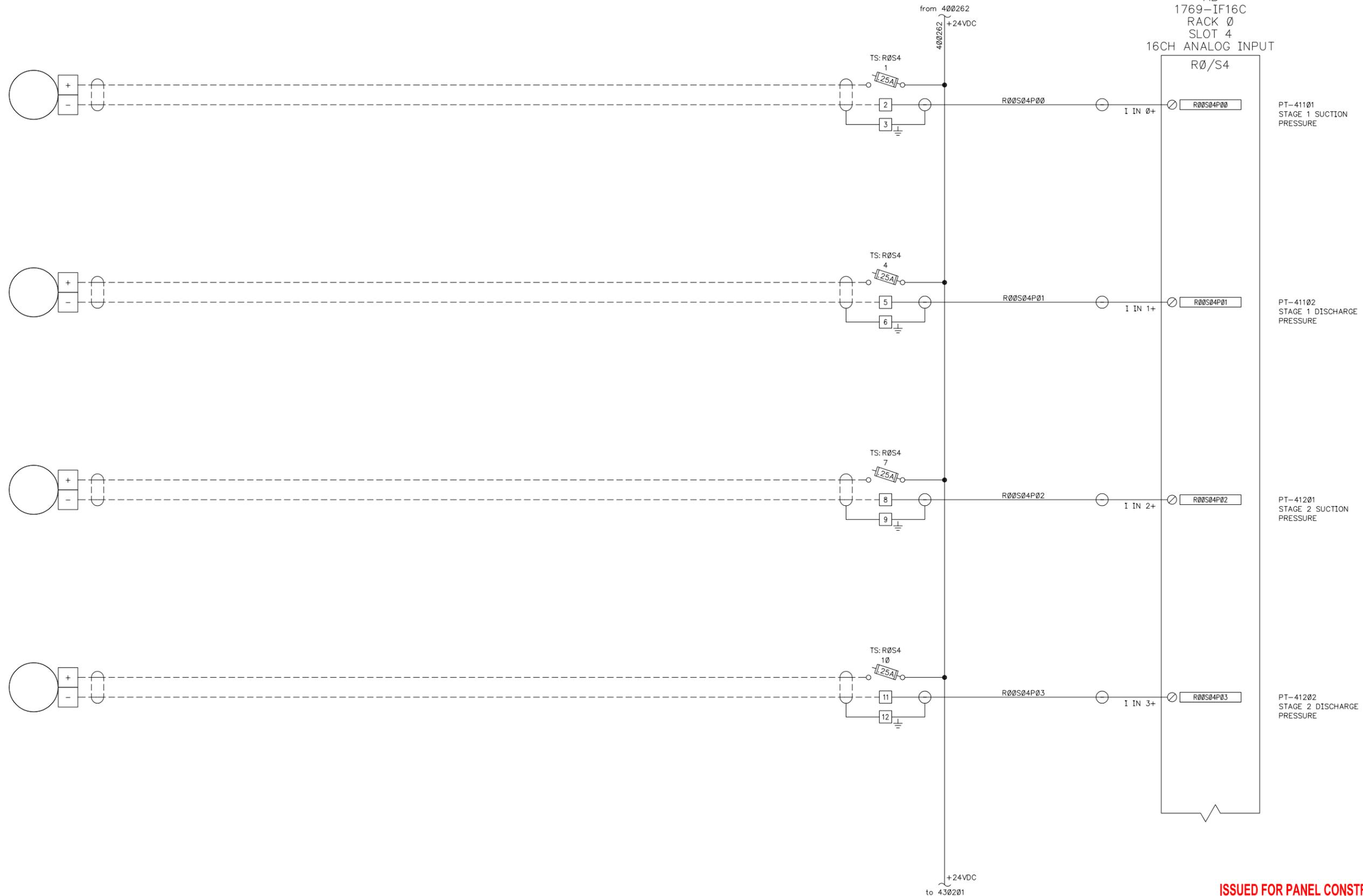


ISSUED FOR PANEL CONSTRUCTION

NOTES		REFERENCE DRAWINGS		REVISIONS			JOB: 1960017			
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				C	03/07/19	CUSTOMER CHANGES	KPM	RSH	JAT	
				B	02/05/19	DESIGN REVISIONS	DAK	CGW	JAT	
				A	01/30/19	DESIGN	DAK	CGW	JAT	
DWG NO	DESCRIPTION	REV	DATE	DRWN	CHKD	APPVL	COA NUMBER			
							COA STATE			
							1725 LAKEPOINTE DRIVE LEWISVILLE, TX 75057 (972) 221-4849			
							COMPRESSOR PANEL C-41000 DIGITAL OUTPUT MODULE WIRING DIAGRAM			
SIZE	SCALE	DWG NO	0356-0004-PLC1-4202				REV	D		
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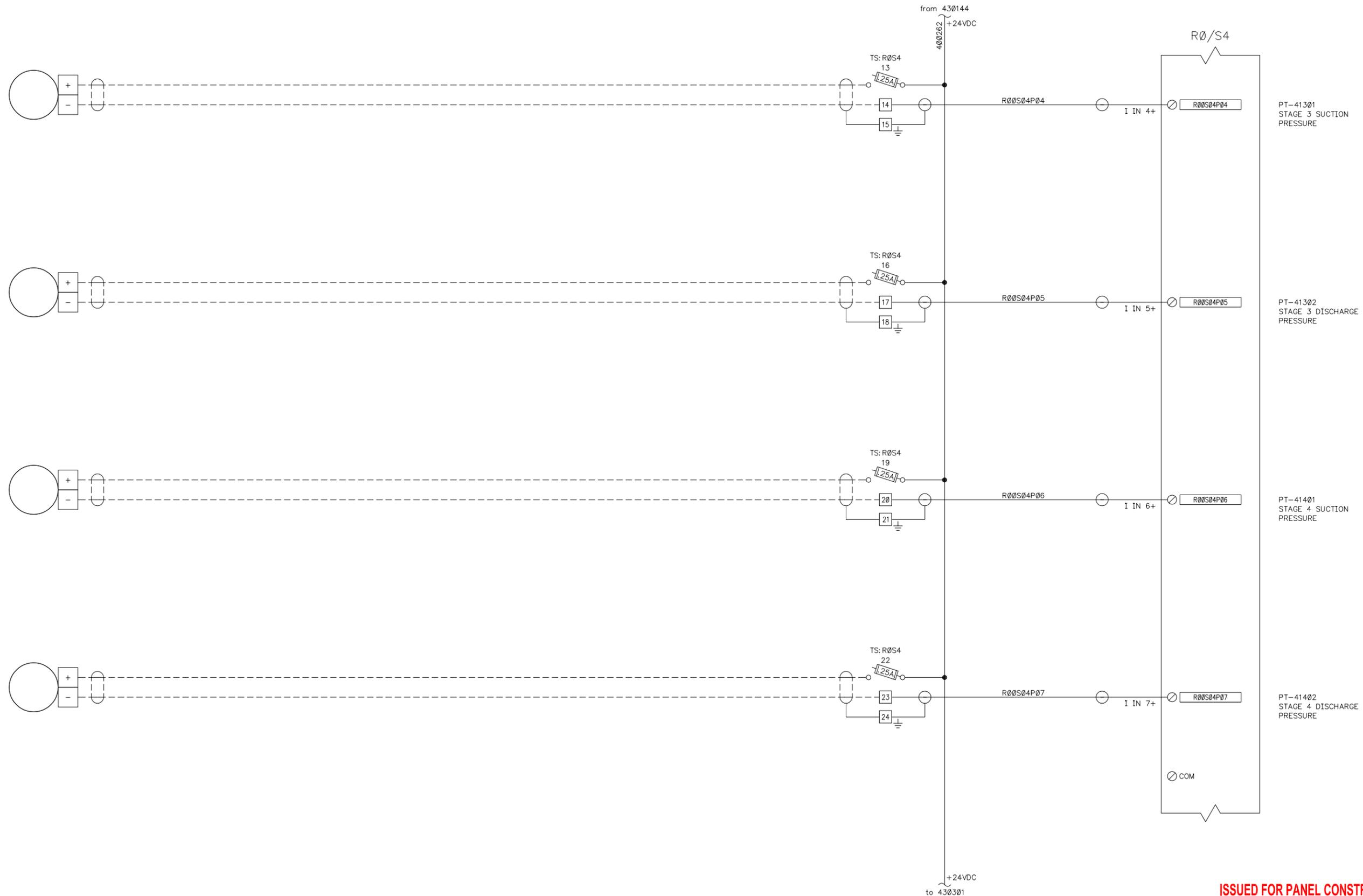


**ISSUED FOR PANEL CONSTRUCTION**

NOTES	REFERENCE DRAWINGS	REVISIONS	JOB: 1960017	PRIME CONTROLS		COMPRESSOR PANEL	
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		D 03/08/19 ISSUED FOR PANEL CONSTRUCTION YRF KPM JAT		COA STATE		SIZE B	SCALE
		C 03/07/19 CUSTOMER CHANGES KPM RSH JAT		COA NUMBER		DWG NO	REV D
		B 02/05/19 DESIGN REVISIONS DAK CGW JAT				0356-0004-PLC1-4301	
		A 01/30/19 DESIGN DAK CGW JAT					
	DWG NO	DESCRIPTION	REV	DATE	DESCRIPTION	DRWN	CHKD

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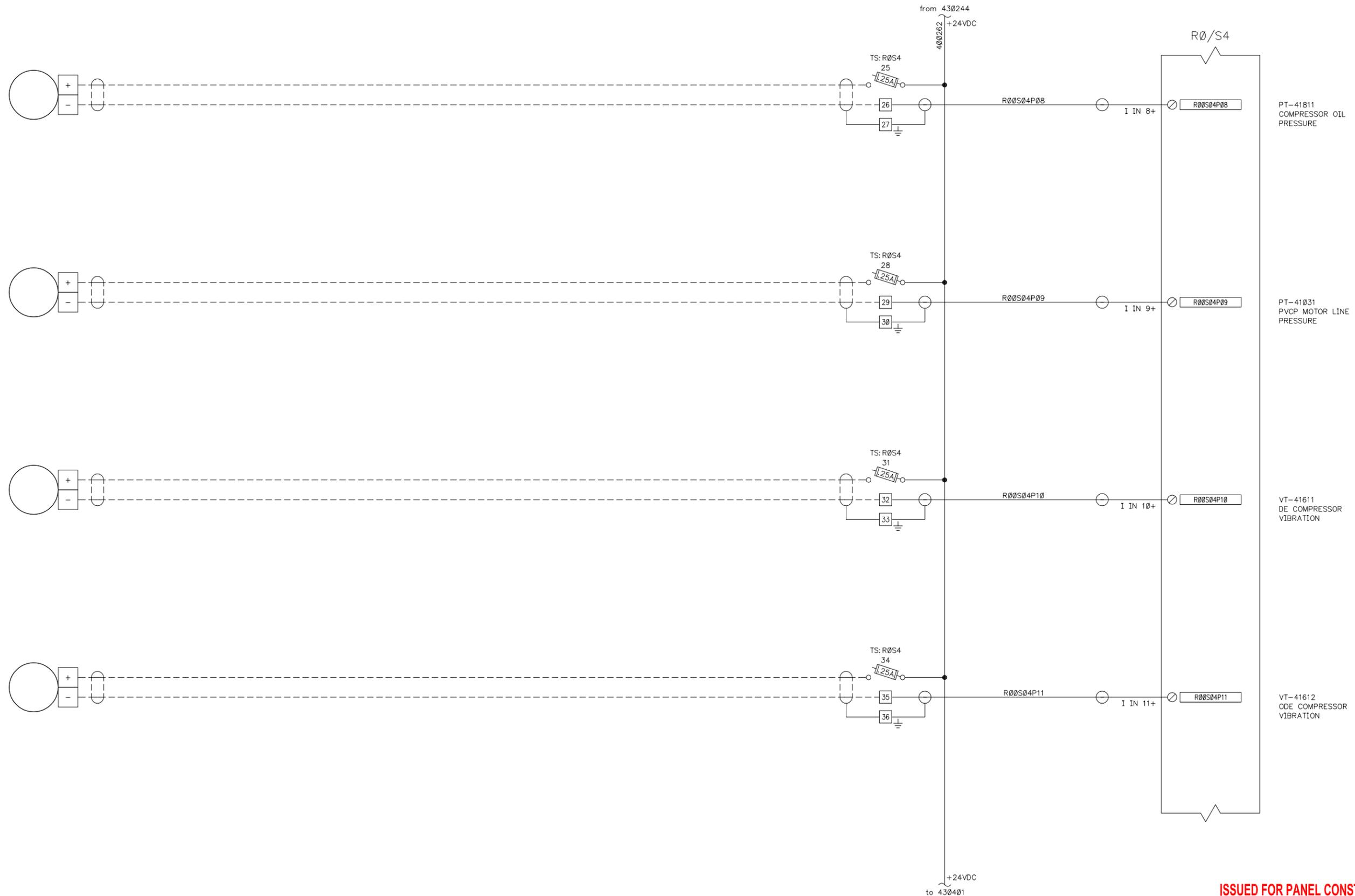


**ISSUED FOR PANEL CONSTRUCTION**

NOTES	REFERENCE DRAWINGS	REVISIONS	JOB: 1960017	PRIME CONTROLS		COMPRESSOR PANEL	
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		D 03/08/19 ISSUED FOR PANEL CONSTRUCTION YRF KPM JAT		COA STATE		SIZE B	SCALE
		C 03/07/19 CUSTOMER CHANGES KPM RSH JAT		COA NUMBER		DWG NO	REV D
		B 02/05/19 DESIGN REVISIONS DAK CGW JAT				0356-0004-PLC1-4302	
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	DWG NO	DESCRIPTION	REV	DATE	DESCRIPTION	DRWN	CHKD

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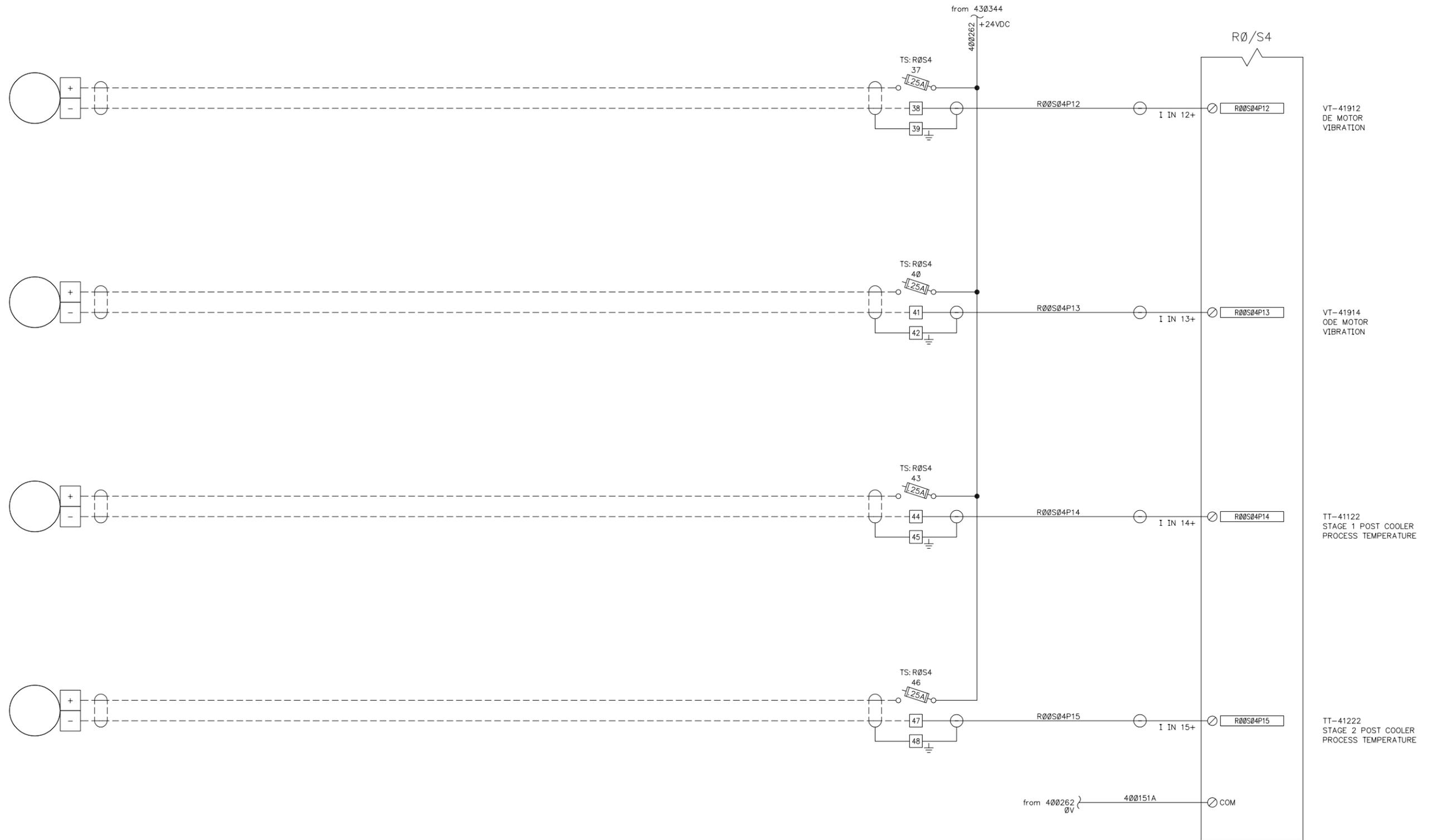


**ISSUED FOR PANEL CONSTRUCTION**

NOTES	REFERENCE DRAWINGS	REVISIONS	JOB: 1960017	PRIME CONTROLS		COMPRESSOR PANEL	
				1725 LAKEPOINTE DRIVE LEWISVILLE, TX 75057 (972) 221-4849		C-41000 ANALOG INPUT MODULE WIRING DIAGRAM	
		D 03/08/19 ISSUED FOR PANEL CONSTRUCTION	YRF	KPM	JAT	SIZE B	SCALE
		C 03/07/19 CUSTOMER CHANGES	KPM	RSH	JAT	DWG NO	0356-0004-PLC1-4303
		B 02/05/19 DESIGN REVISIONS	DAK	CGW	JAT	REV	D
		A 01/30/19 DESIGN	DAK	CGW	JAT		
	DWG NO	DESCRIPTION	REV	DATE	DESCRIPTION	DRWN	CHKD
						APPVL	

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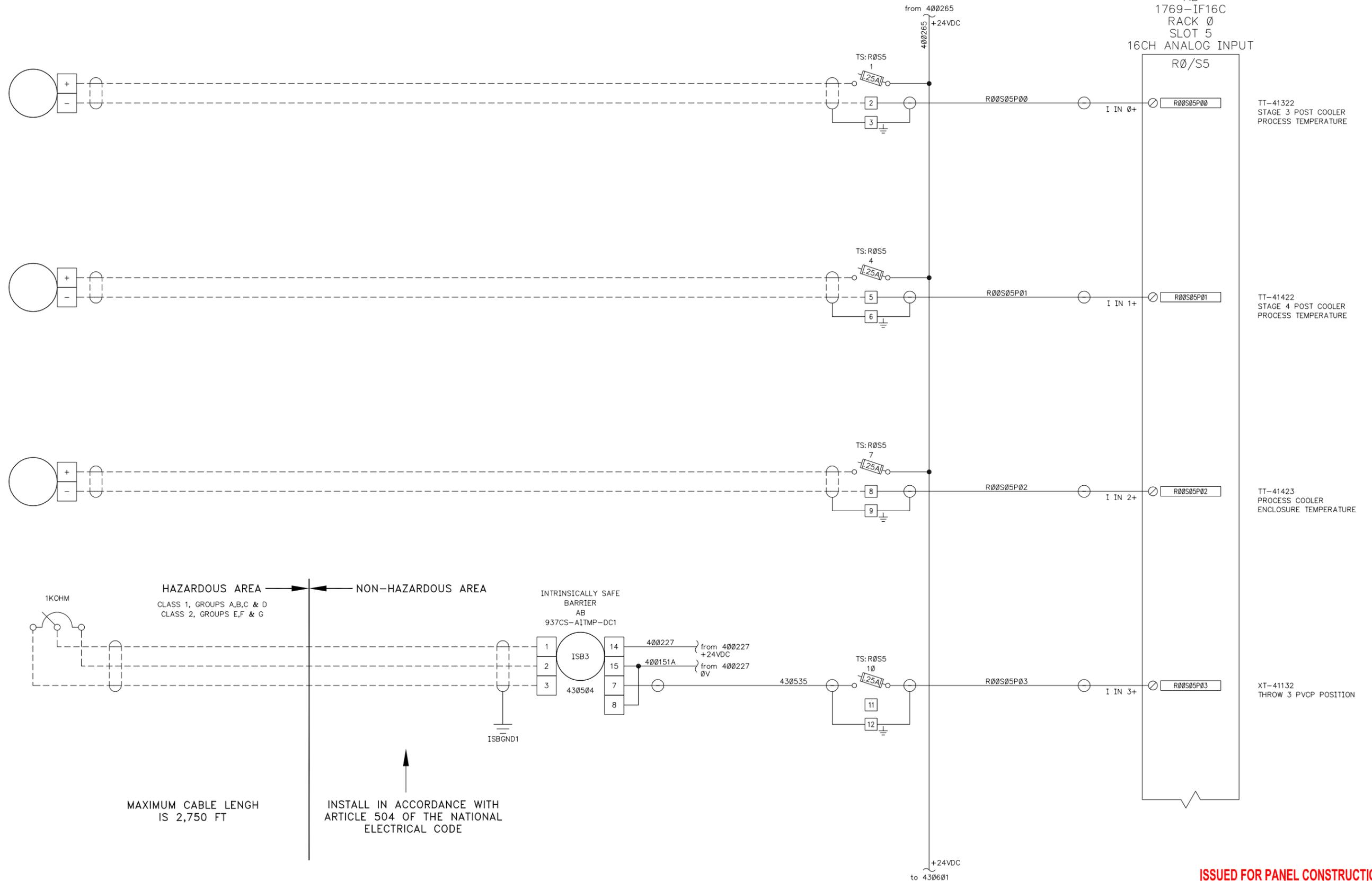


**ISSUED FOR PANEL CONSTRUCTION**

NOTES	REFERENCE DRAWINGS	REVISIONS	JOB: 1960017	PRIME CONTROLS		COMPRESSOR PANEL	
				1725 LAKEPOINTE DRIVE LEWISVILLE, TX 75057 (972) 221-4849		C-41000 ANALOG INPUT MODULE WIRING DIAGRAM	
		D 03/08/19 ISSUED FOR PANEL CONSTRUCTION	YRF	KPM	JAT	SIZE B	SCALE
		C 03/07/19 CUSTOMER CHANGES	KPM	RSH	JAT	DWG NO	0356-0004-PLC1-4304
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		A 01/30/19 DESIGN	DAK	CGW	JAT		
	DWG NO	DESCRIPTION	REV	DATE	DESCRIPTION	DRWN	CHKD
						APPVL	

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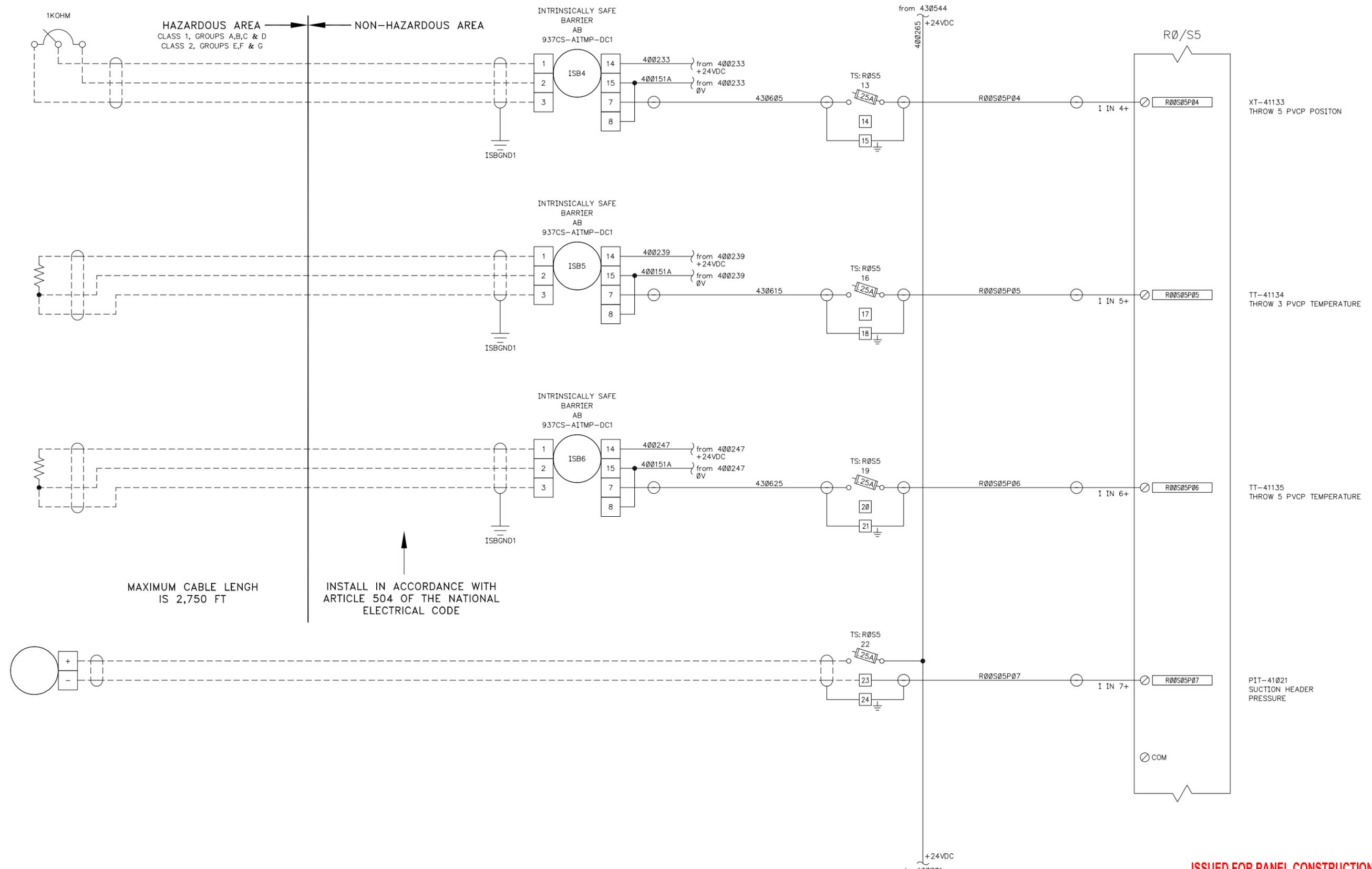


ISSUED FOR PANEL CONSTRUCTION

NOTES	REFERENCE DRAWINGS	REVISIONS	JOB: 1960017	PRIME CONTROLS		COMPRESSOR PANEL	
				1725 LAKEPOINTE DRIVE LEWISVILLE, TX 75057 (972) 221-4849		C-41000 ANALOG INPUT MODULE WIRING DIAGRAM	
		D 03/08/19 ISSUED FOR PANEL CONSTRUCTION	YRF	KPM	JAT	SIZE B	SCALE
		C 03/07/19 CUSTOMER CHANGES	DAK	CGW	JAT	DWG NO	0356-0004-PLC1-4305
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		A 01/30/19 DESIGN	DRWN	CHKD	APPVL		
	DWG NO	DESCRIPTION	REV	DATE	DESCRIPTION	DRWN	CHKD

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MAXIMUM CABLE LENGTH IS 2,750 FT

INSTALL IN ACCORDANCE WITH ARTICLE 504 OF THE NATIONAL ELECTRICAL CODE

**ISSUED FOR PANEL CONSTRUCTION**

NOTES

REFERENCE DRAWINGS

REVISIONS	DATE	DESCRIPTION	DRWN	CHKD	APPVL
D	03/08/19	ISSUED FOR PANEL CONSTRUCTION	YRF	KPM	JAT
C	03/07/19	CUSTOMER CHANGES	KPM	RSH	JAT
B	02/05/19	DESIGN REVISIONS	DAK	CGW	JAT
A	01/30/19	DESIGN	DAK	CGW	JAT

JOB: 1960017

**PRIME CONTROLS**  
1725 LAKEPOINTE DRIVE  
LEWISVILLE, TX 75057  
(972) 221-4849

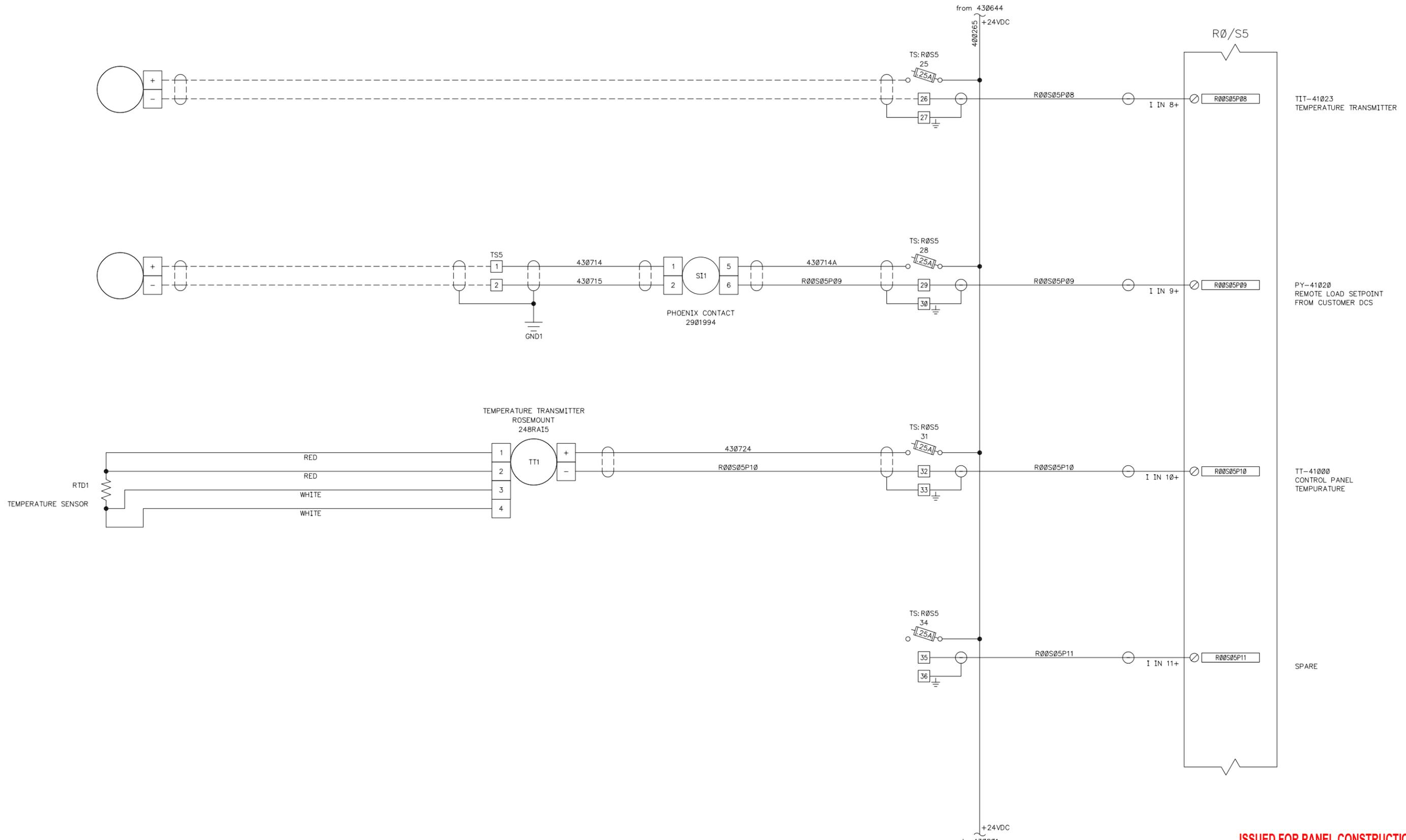
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COA NUMBER

SIZE	SCALE	DWG NO	REV
B		0356-0004-PLC1-4306	D

COMPRESSOR PANEL  
C-41000  
ANALOG INPUT MODULE WIRING DIAGRAM

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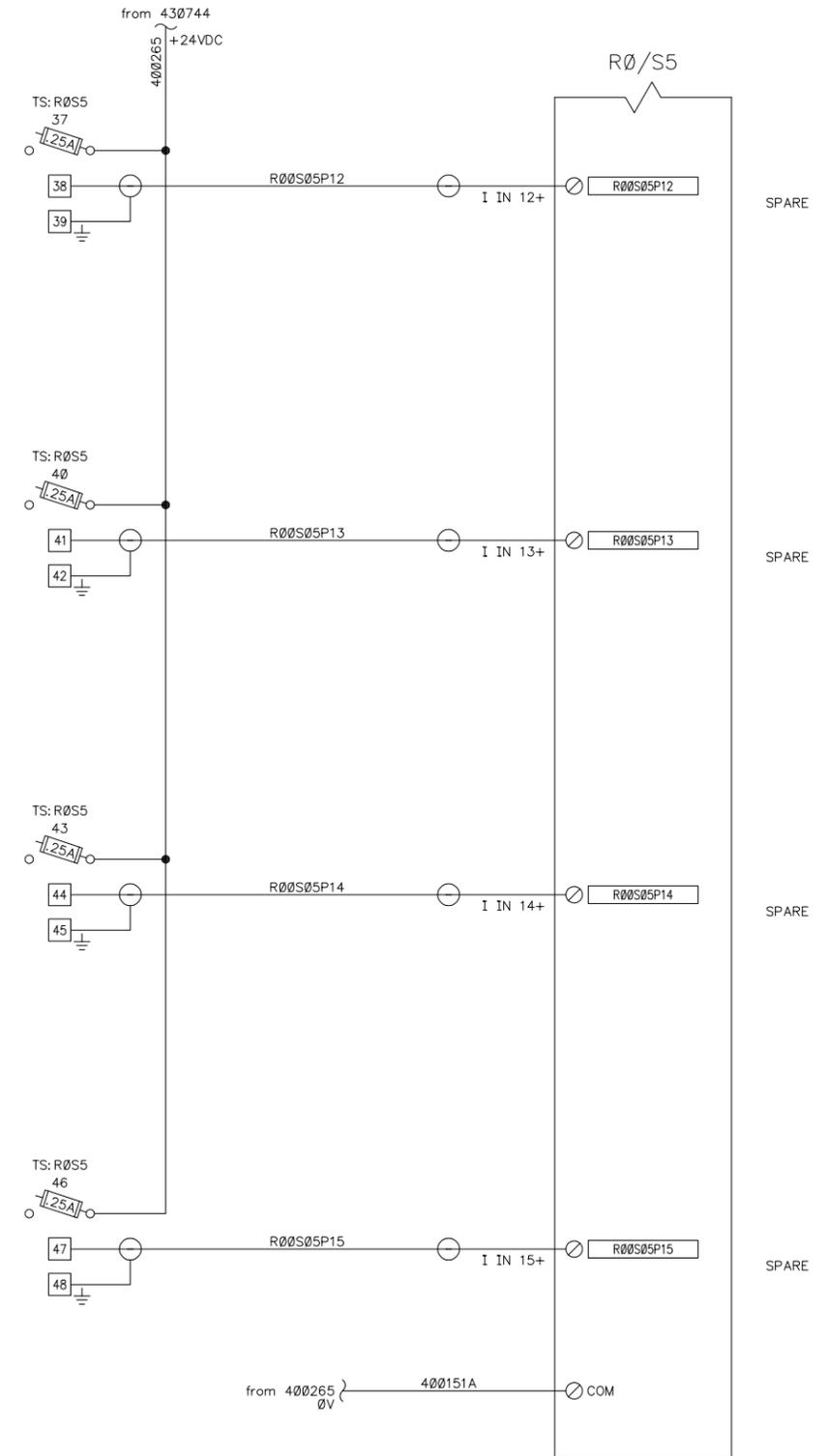


**ISSUED FOR PANEL CONSTRUCTION**

NOTES		REFERENCE DRAWINGS		REVISIONS			JOB: 1960017		
				D	03/08/19	ISSUED FOR PANEL CONSTRUCTION	YRF	KPM	JAT
				C	03/07/19	CUSTOMER CHANGES	KPM	RSH	JAT
				B	02/05/19	DESIGN REVISIONS	DAK	CGW	JAT
				A	01/30/19	DESIGN	DAK	CGW	JAT
		DWG NO	DESCRIPTION	REV	DATE	DESCRIPTION	DRWN	CHKD	APPVL
					1725 LAKEPOINTE DRIVE LEWISVILLE, TX 75057 (972) 221-4849				
					COA STATE				
					COA NUMBER				
					COMPRESSOR PANEL C-41000 ANALOG INPUT MODULE WIRING DIAGRAM				
SIZE	SCALE	DWG NO				REV			
B		0356-0004-PLC1-4307				D			

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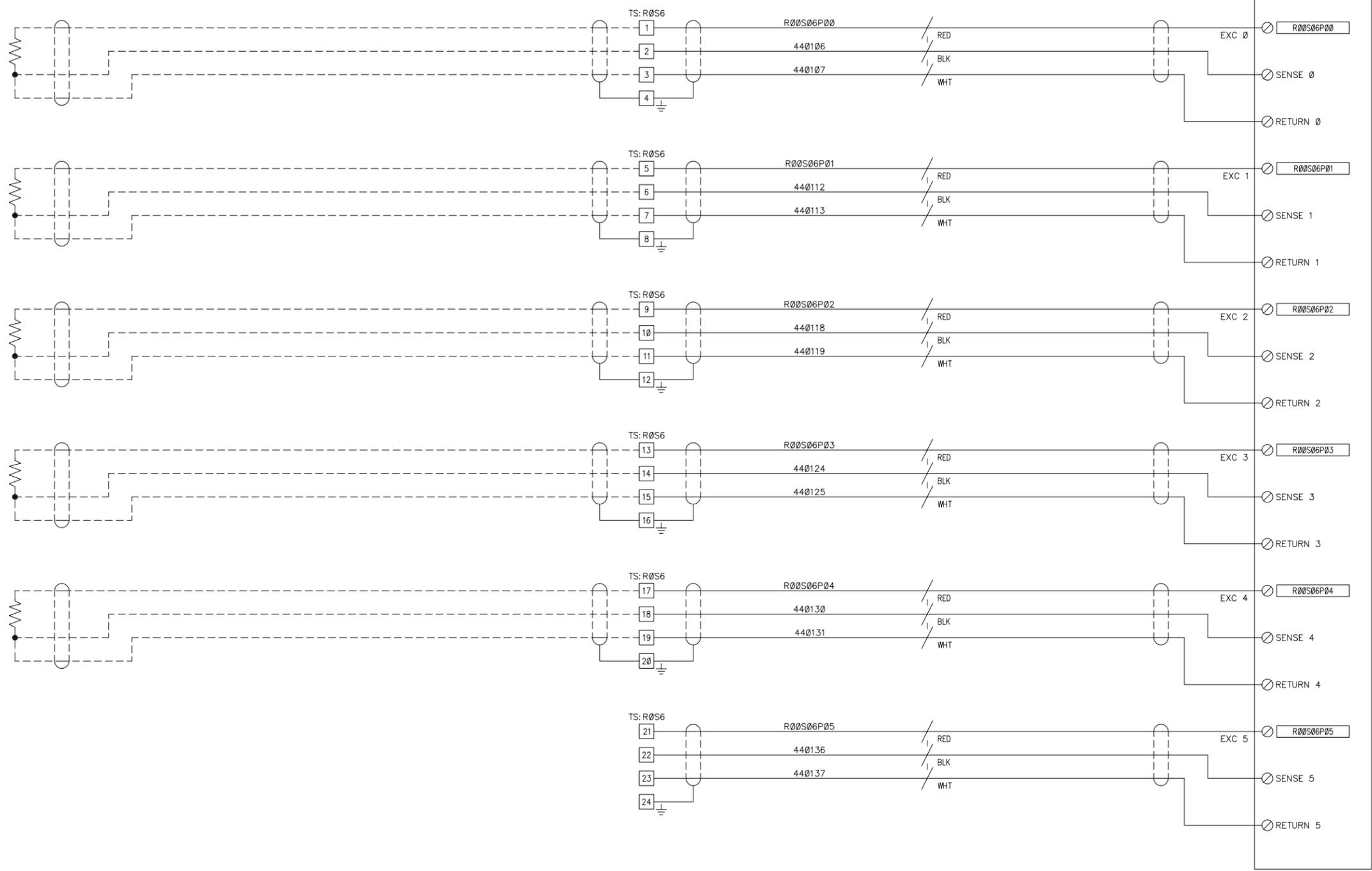
**ISSUED FOR PANEL CONSTRUCTION**

NOTES	REFERENCE DRAWINGS	REVISIONS	JOB: 1960017	PRIME CONTROLS		COMPRESSOR PANEL	
				1725 LAKEPOINTE DRIVE LEWISVILLE, TX 75057 (972) 221-4849		C-41000 ANALOG INPUT MODULE WIRING DIAGRAM	
		D 03/08/19 ISSUED FOR PANEL CONSTRUCTION	YRF	KPM	JAT	SIZE B	SCALE
		C 03/07/19 CUSTOMER CHANGES	KPM	RSH	JAT	DWG NO	REV D
		B 02/05/19 DESIGN REVISIONS	DAK	CGW	JAT	0356-0004-PLC1-4308	
		A 01/30/19 DESIGN	DAK	CGW	JAT		
DWG NO	DESCRIPTION	REV	DATE	DESCRIPTION	DRWN	CHKD	APPVL

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AB  
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RACK 0  
SLOT 6  
6CH RTD INPUT



TE-41911  
MOTOR BEARING  
TEMPERATURE DE

TE-41913  
MOTOR BEARING  
TEMPERATURE NDE

TE-41916A  
MOTOR WINDING  
TEMPERATURE A1

TE-41914A  
MOTOR WINDING  
TEMPERATURE B1

TE-41915A  
MOTOR WINDING  
TEMPERATURE C1

SPARE

**ISSUED FOR PANEL CONSTRUCTION**

NOTES	REFERENCE DRAWINGS	REVISIONS	JOB: 1960017	PRIME CONTROLS		COMPRESSOR PANEL	
		D 03/08/19 ISSUED FOR PANEL CONSTRUCTION	YRF	KPM	JAT	C-41000	
		C 03/07/19 CUSTOMER CHANGES	KPM	RSH	JAT	RTD INPUT MODULE WIRING DIAGRAM	
		B 02/05/19 DESIGN REVISIONS	DAK	CGW	JAT	SIZE B	SCALE
		A 01/30/19 DESIGN	DAK	CGW	JAT	DWG NO	REV D
	DWG NO	DESCRIPTION	REV	DATE	DESCRIPTION	DRWN	CHKD
						1725 LAKEPOINTE DRIVE LEWISVILLE, TX 75057 (972) 221-4849	
						COA STATE	
						COA NUMBER	
						0356-0004-PLC1-4401	

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AB  
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RACK 0  
SLOT 7  
6CH TC INPUT



**ISSUED FOR PANEL CONSTRUCTION**

NOTES		REFERENCE DRAWINGS			REVISIONS			JOB: 1960017		 1725 LAKEPOINTE DRIVE LEWISVILLE, TX 75057 (972) 221-4849	COMPRESSOR PANEL C-41000 THERMOCOUPLE INPUT MODULE WIRING DIAGRAM				
1. COLD JUNCTION COMPENSATING THERMISTOR.					D	03/08/19	ISSUED FOR PANEL CONSTRUCTION	YRF	KPM		JAT				
					C	03/07/19	CUSTOMER CHANGES	KPM	RSH		JAT				
					B	02/05/19	DESIGN REVISIONS	DAK	CGW		JAT				
					A	01/30/19	DESIGN	DAK	CGW	JAT					
		DWG NO	DESCRIPTION	REV	DATE	DESCRIPTION	DRWN	CHKD	APPVL	COA STATE	COA NUMBER	SIZE B	SCALE	DWG NO 0356-0004-PLC1-4501	REV D

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RACK 0  
SLOT 9  
6CH TC INPUT



**ISSUED FOR PANEL CONSTRUCTION**

<p>NOTES</p> <p>1. COLD JUNCTION COMPENSATING THERMISTOR.</p>	REFERENCE DRAWINGS		REVISIONS			JOB: 1960017			<p><b>PRIME CONTROLS</b></p> <p>1725 LAKEPOINTE DRIVE LEWISVILLE, TX 75057 (972) 221-4849</p> <p>COA STATE</p> <p>COA NUMBER</p>	COMPRESSOR PANEL					
										C-41000					
										THERMOCOUPLE INPUT MODULE WIRING DIAGRAM					
	DWG NO		DESCRIPTION		REV	DATE	DESCRIPTION	DRWN		CHKD	APPVL	SIZE	SCALE	DWG NO	REV
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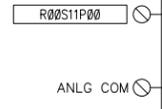


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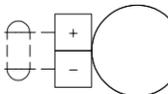
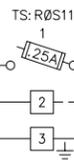
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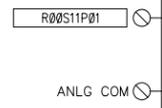
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STAGE 1 PROCESS  
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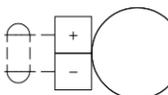
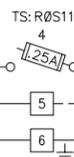
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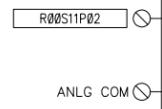
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STAGE 2 PROCESS  
LOUVER CONTROL



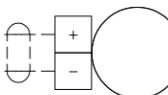
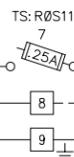
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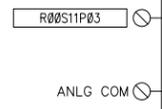
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STAGE 3 PROCESS  
LOUVER CONTROL



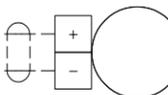
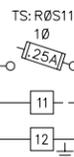
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TY-41422  
STAGE 4 PROCESS  
LOUVER CONTROL



R00S11P03  
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ISSUED FOR PANEL CONSTRUCTION

NOTES		REFERENCE DRAWINGS		REVISIONS			JOB: 1960017		
				D	03/08/19	ISSUED FOR PANEL CONSTRUCTION	YRF	KPM	JAT
				C	03/07/19	CUSTOMER CHANGES	KPM	RSH	JAT
				B	02/05/19	DESIGN REVISIONS	DAK	CGW	JAT
				A	01/30/19	DESIGN	DAK	CGW	JAT
		DWG NO	DESCRIPTION	REV	DATE	DESCRIPTION	DRWN	CHKD	APPVL
					1725 LAKEPOINTE DRIVE LEWISVILLE, TX 75057 (972) 221-4849				
					COA STATE				
					COA NUMBER				
				COMPRESSOR PANEL C-41000 ANALOG OUTPUT MODULE WIRING DIAGRAM					
SIZE	SCALE	DWG NO	0356-0004-PLC1-4601			REV	D		
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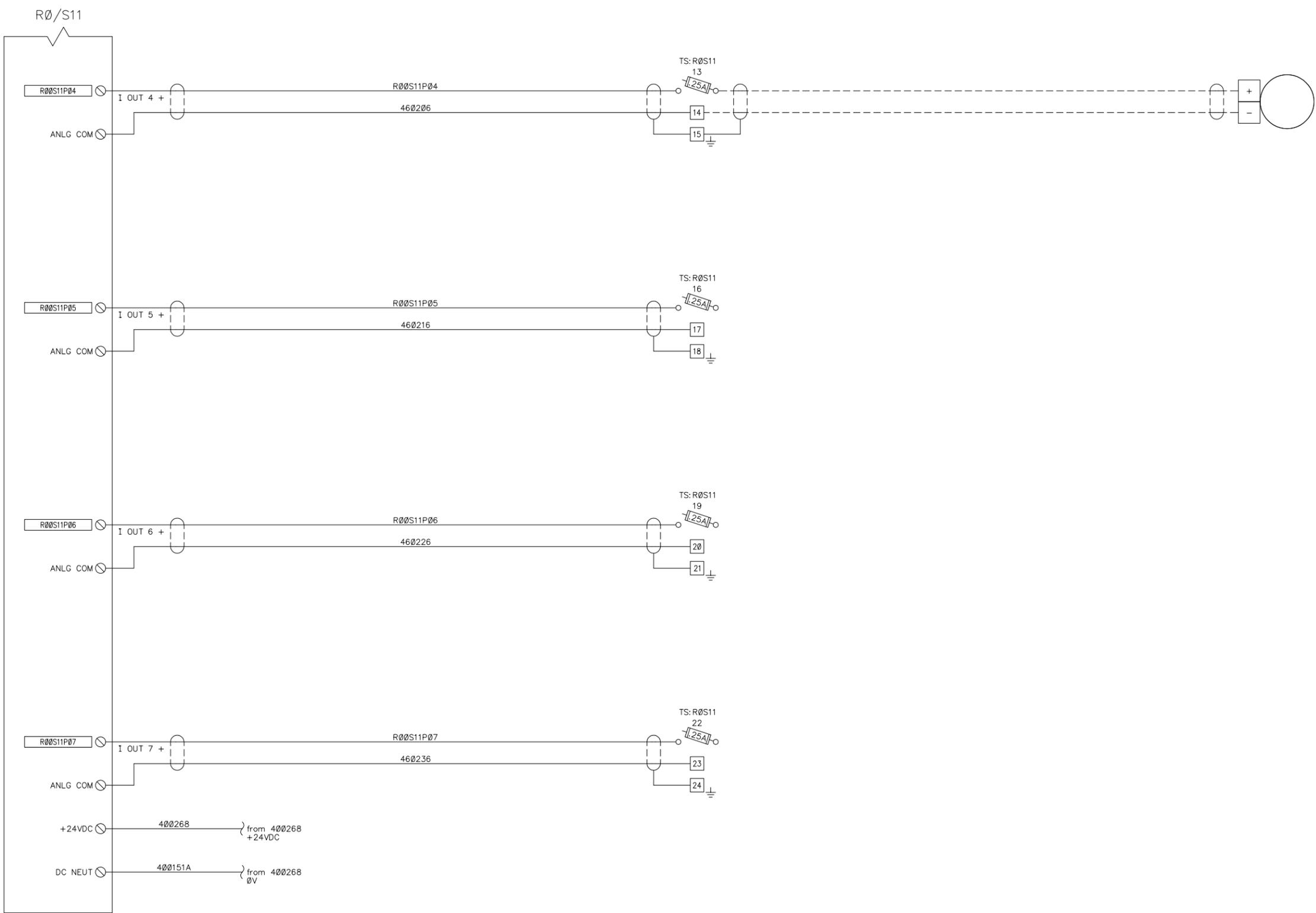
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TY-41423  
PROCESS COOLER  
INTERNAL LOUVER CONTROL

SPARE

SPARE

SPARE



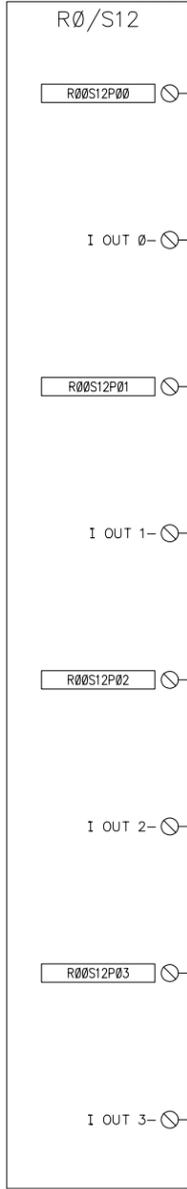
PRELIMINARY

NOTES	REFERENCE DRAWINGS	REVISIONS	JOB: 1960017			 1725 LAKEPOINTE DRIVE LEWISVILLE, TX 75057 (972) 221-4849	COMPRESSOR PANEL	
							C-41000 ANALOG OUTPUT MODULE WIRING DIAGRAM	
						COA STATE	SIZE B	SCALE
						COA NUMBER	DWG NO	REV D
							0356-0004-PLC1-4602	

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SPECTRUM CONTROLS  
1769SC-OF4IH  
RACK 0  
SLOT 12  
4CH ANALOG OUTPUT



PY-41021  
SUCTION PRESSURE  
CONTROL VALVE

TY-41023  
DISCHARGE TEMPERATURE  
CONTROL VALVE

SPARE

SPARE

R0/S12P00

R0/S12P01

R0/S12P02

R0/S12P03

TS: R0/S12

TS: R0/S12

TS: R0/S12

TS: R0/S12

1

4

7

10

1.25A

1.25A

1.25A

1.25A

2

5

8

11

3

6

9

12

460306

460314

460322

460330

I OUT 0 +

I OUT 0 -

I OUT 1 +

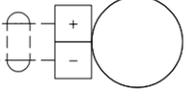
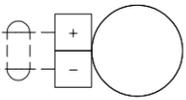
I OUT 1 -

I OUT 2 +

I OUT 2 -

I OUT 3 +

I OUT 3 -



ISSUED FOR PANEL CONSTRUCTION

NOTES		REFERENCE DRAWINGS		REVISIONS			JOB: 1960017			 1725 LAKEPOINTE DRIVE LEWISVILLE, TX 75057 (972) 221-4849		COMPRESSOR PANEL C-41000 ANALOG OUTPUT MODULE WIRING DIAGRAM	
										B		0356-0004-PLC1-4603	D

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