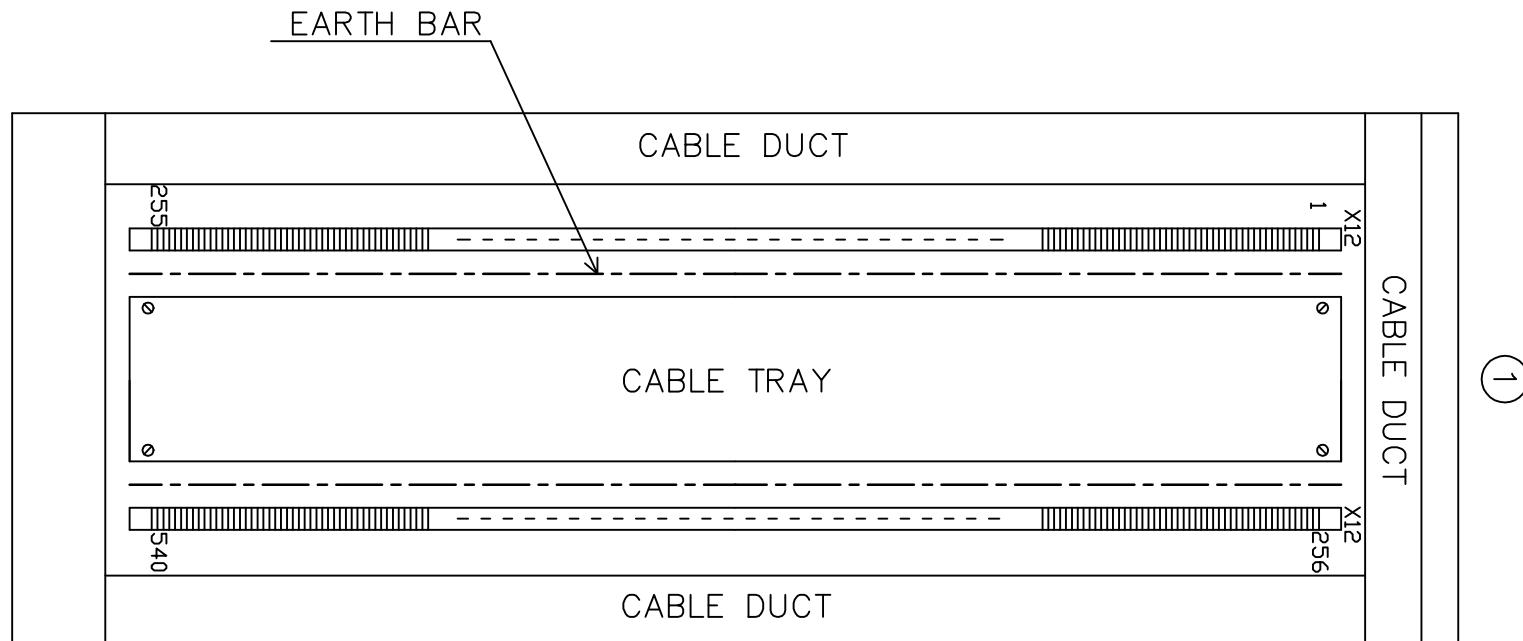


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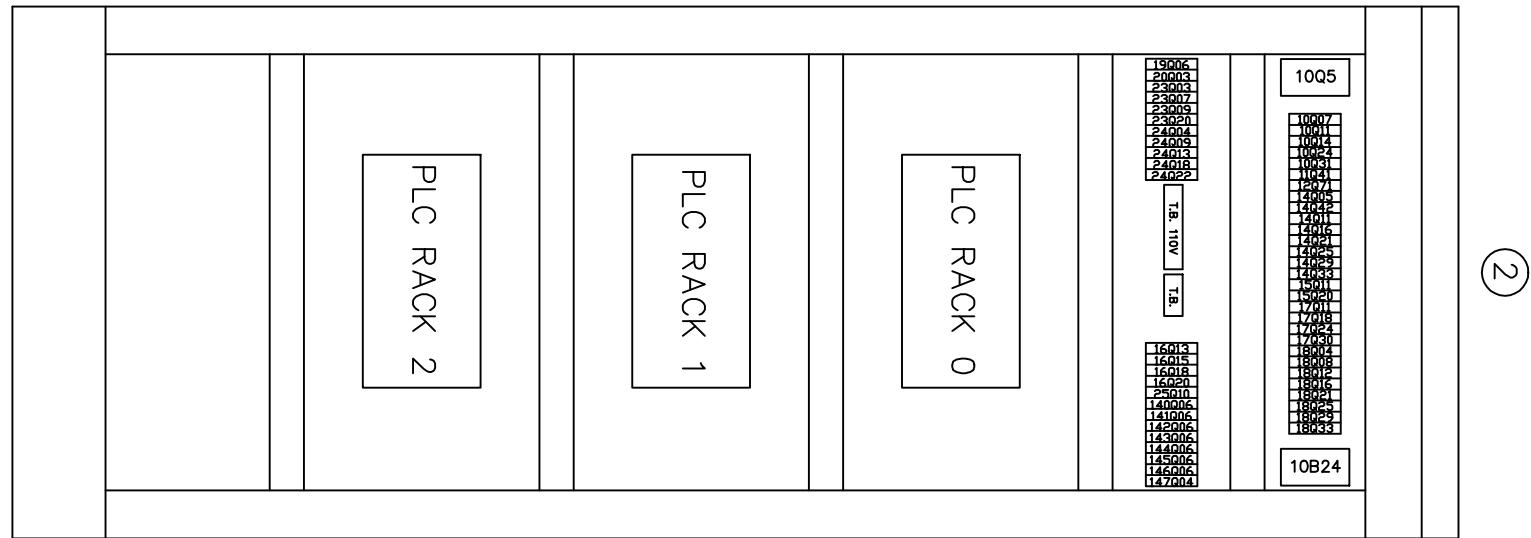


INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 32 P.L.C. DIGITAL INPUT

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									F12	Total	
Rufus Huang	JERRY WU			Charlie Z.	05/20/19						

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00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

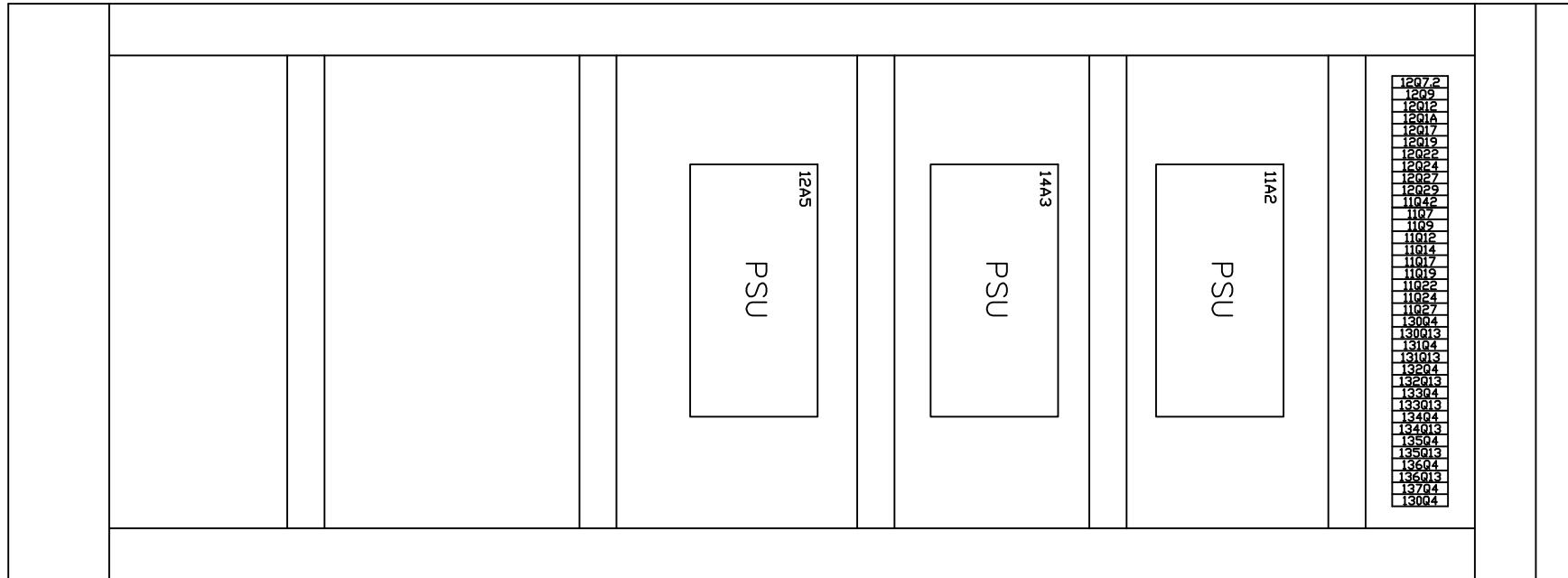


INTEPLAST GROUP, Ltd.  
AMTOPP DIVI. M/E DEPT.

## LINE4 32 P.L.C. DIGITAL INPUT

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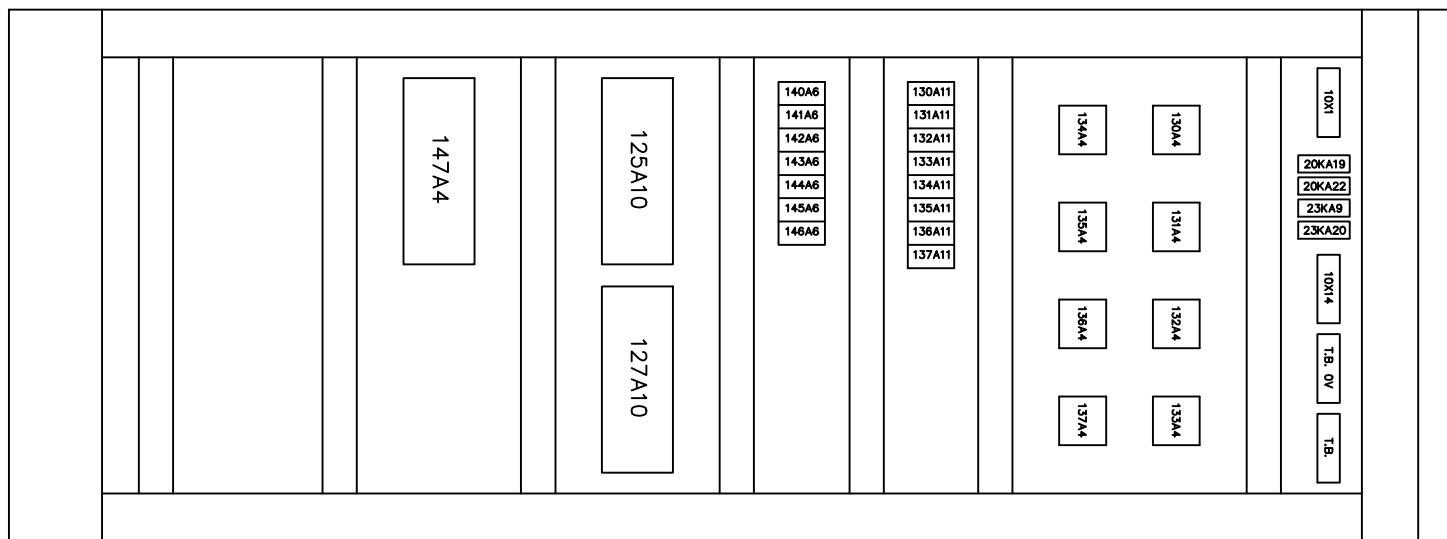
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	INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.	LINE4 32 P.L.C. DIGITAL INPUT								DRAWING DESCRIPTION	KF023	Page #	3		
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CHECKED BY	JERRY WU					REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	11-27-2012	SCALE	NONE	UNIT	MM

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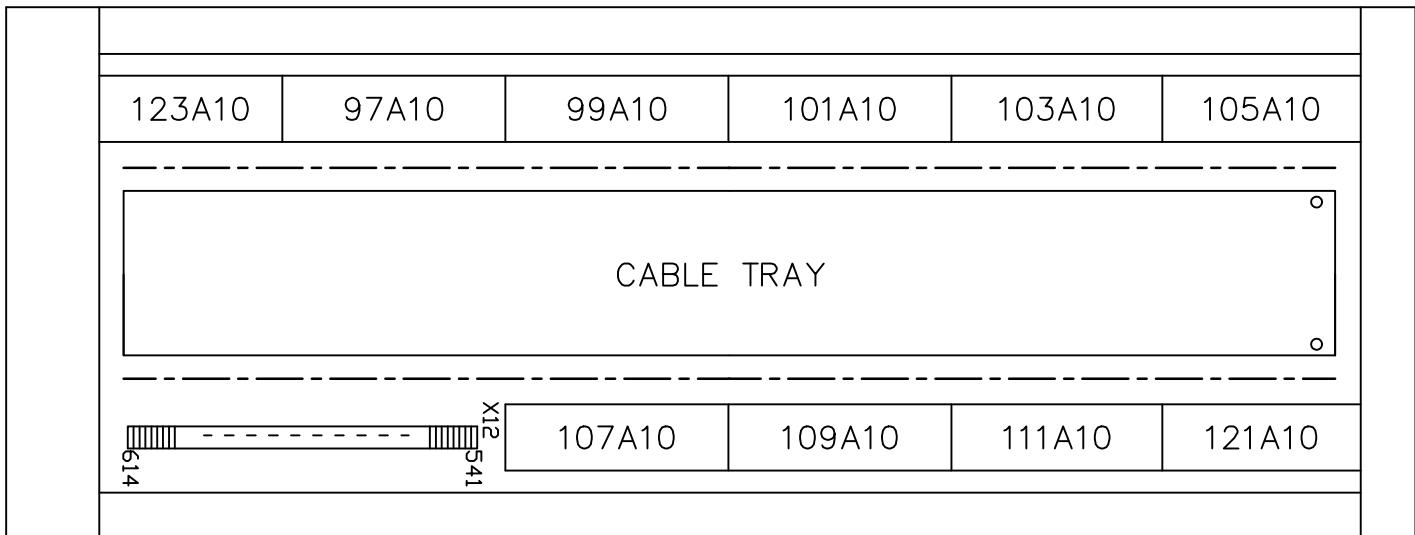


INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

## LINE4 32 P.L.C. DIGITAL INPUT

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REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	11-27-2012	SCALE	NONE	UNIT	MM

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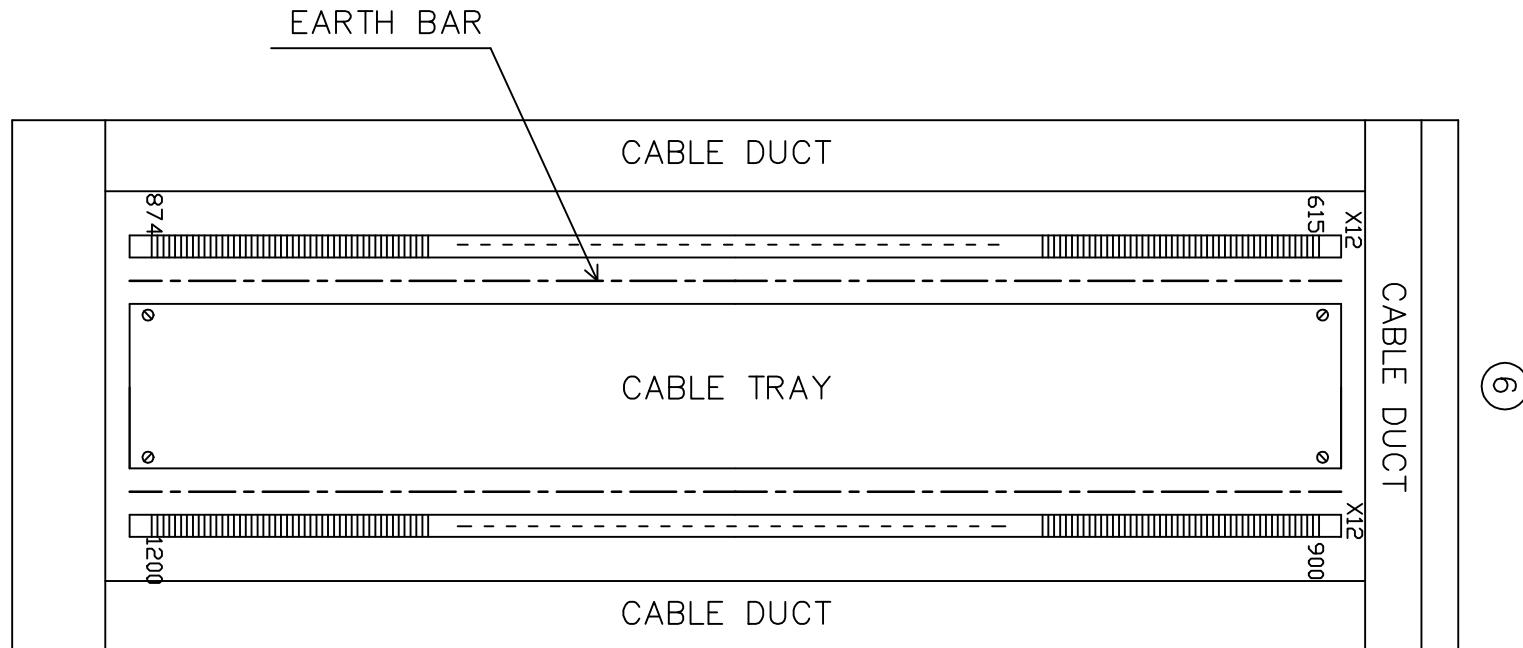


INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

## LINE4 32 P.L.C. DIGITAL INPUT

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00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

## LINE4 32 P.L.C. DIGITAL INPUT

				DRAWING DESCRIPTION	<u>KF023</u> <u>F12</u>	Page #	6		
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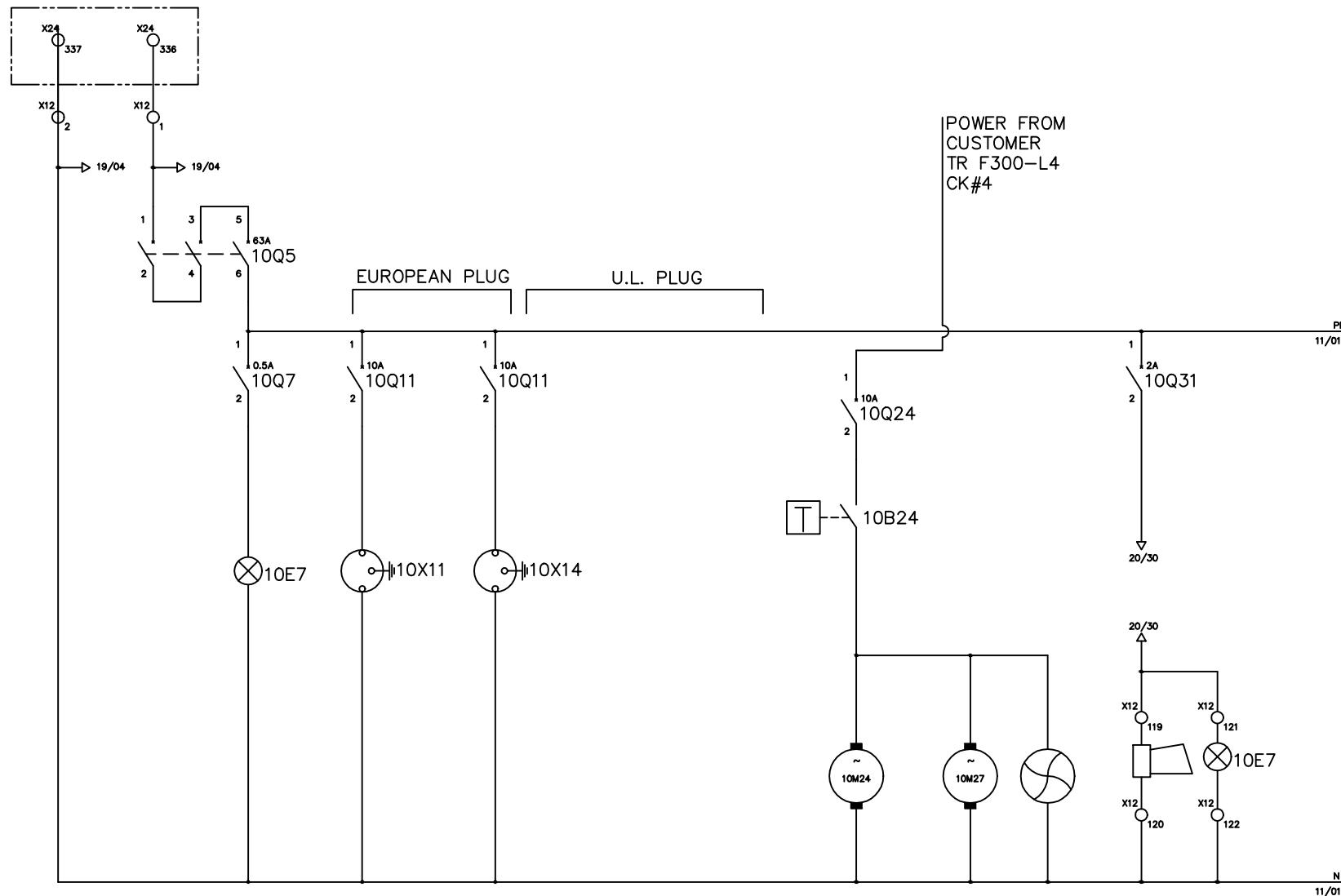
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VOLTAGE ON

PROGRAMMING  
UNIT

MONITOR

DOOR FAN5

HORN  
EMERG.STOP

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

LINE4 SUPPLY

DRAWN BY Charlie Zhang

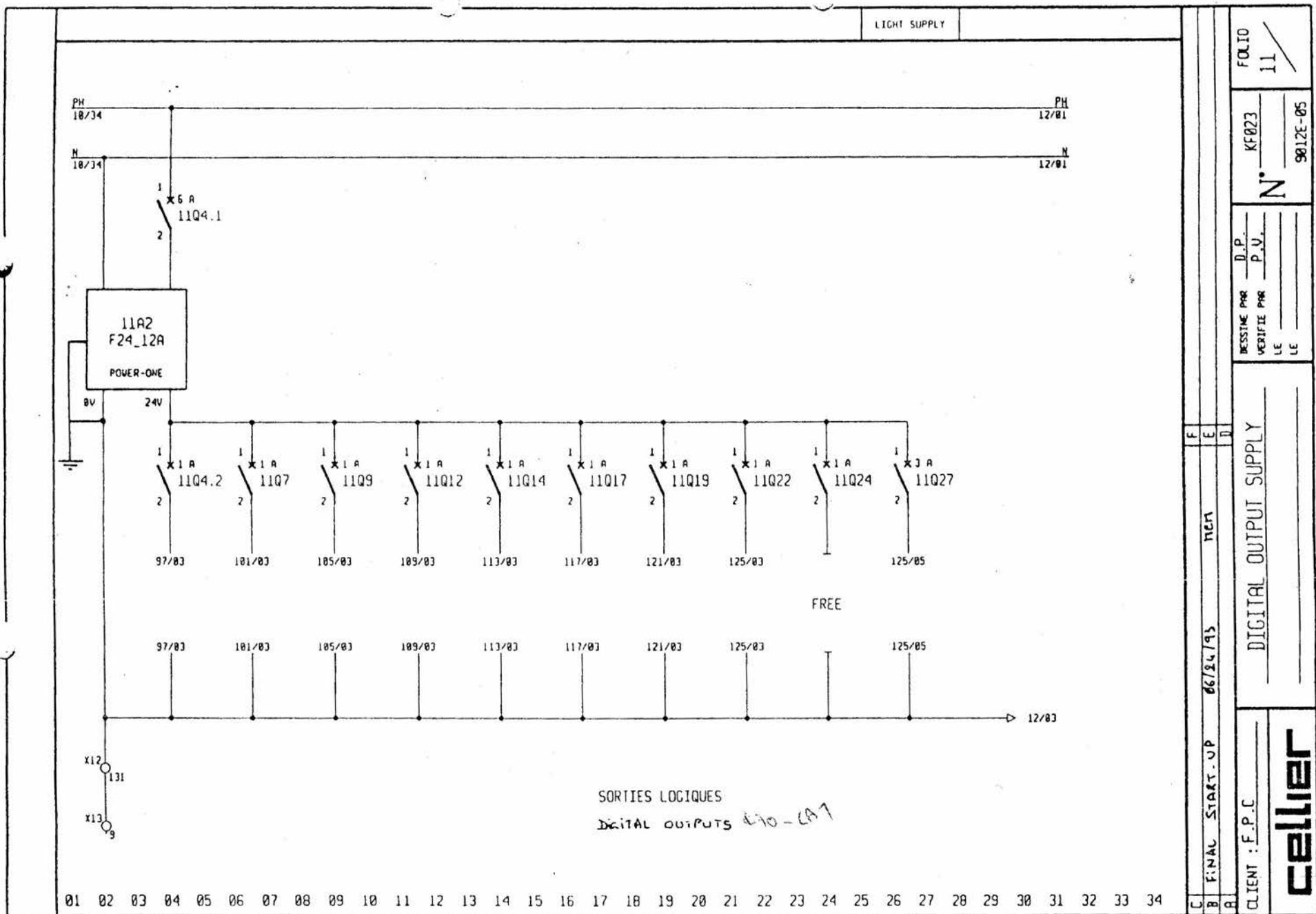
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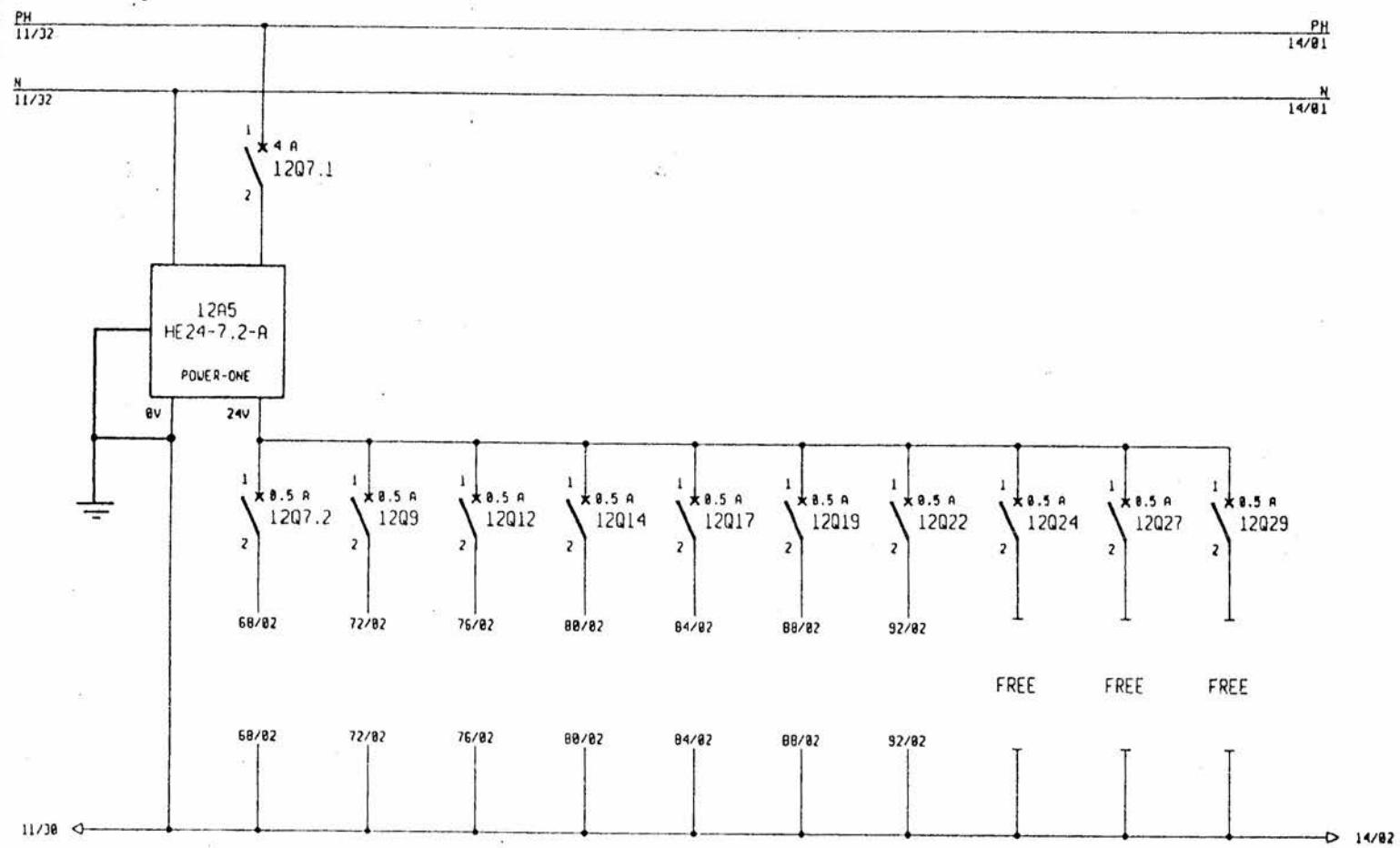
DRAWING  
DESCRIPTION  
KF023  
F12Page #  
10  
Total

DRAWING NO.

MATERIAL

REV. NO REV. DESCRIPTION REV. BY: REV. DATE DRAWN DATE: 05-23-2019 SCALE NONE UNIT MM





ENTREES LOGIQUES  
 DIGITAL INPUTS C91 - C97

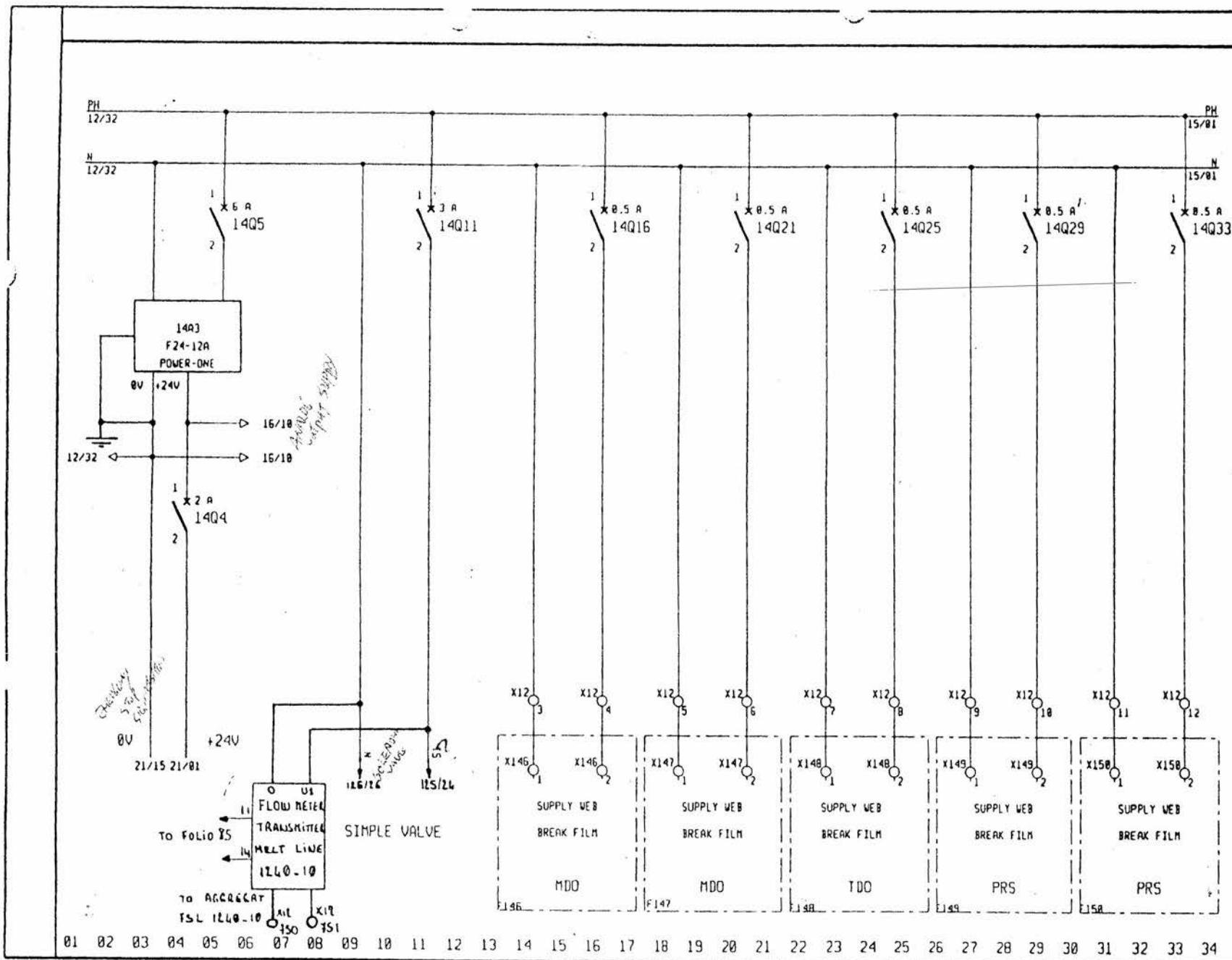
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C	F.I.	S.I.	D.I.	F.P.C.	D.P.	P.U.			FOLIO
B	FINAL	START-UP	02/74/93	MCH	E				12
A									
DIGITAL INPUT SUPPLY					KF023	N°			
					9012E-05				
cellier									



				FOLIO 14
			KF023	N
			D.P. P.U.	
			LESSIVE PRS VERTE PRS LF LE	
			SUPPLY	
			06/24/93	
			HCN	
			E	
			D	
			F	

CLIENT : F.P.C	
cellier	



PH  
14/34

14/34

1  
\*3A  
15Q11

130/02 130/02

## INSTRUMENTATION

UPS IN CONTROL ROOM

F 20

PH  
17/81

17/01

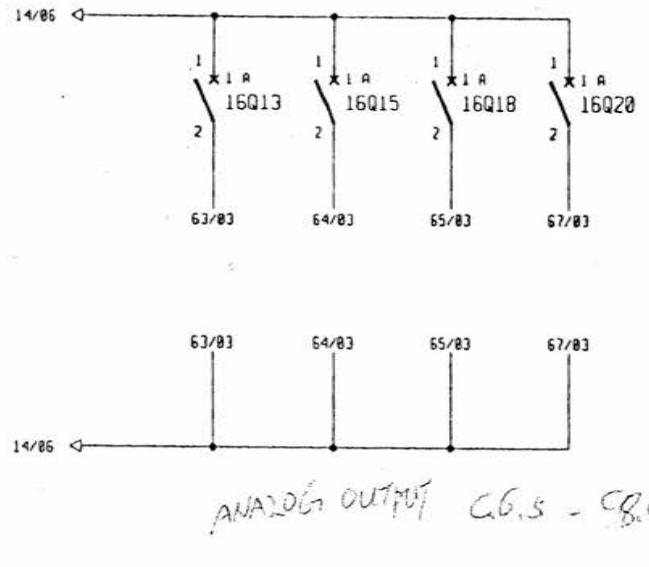
15Q2

$x_{12}$

TO UPS IN CONTROL ROOM

F 20

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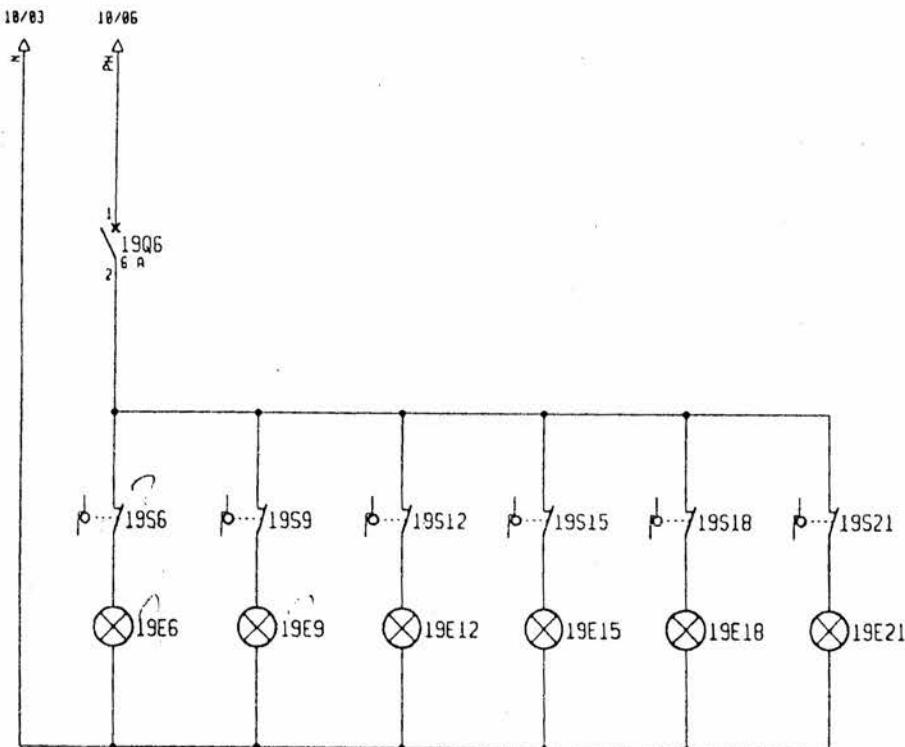


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## LIGHTING BOARD



01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

cellier

CLIENT : F.P.C.

9812E-05

FOLIO  
19

N° KF023

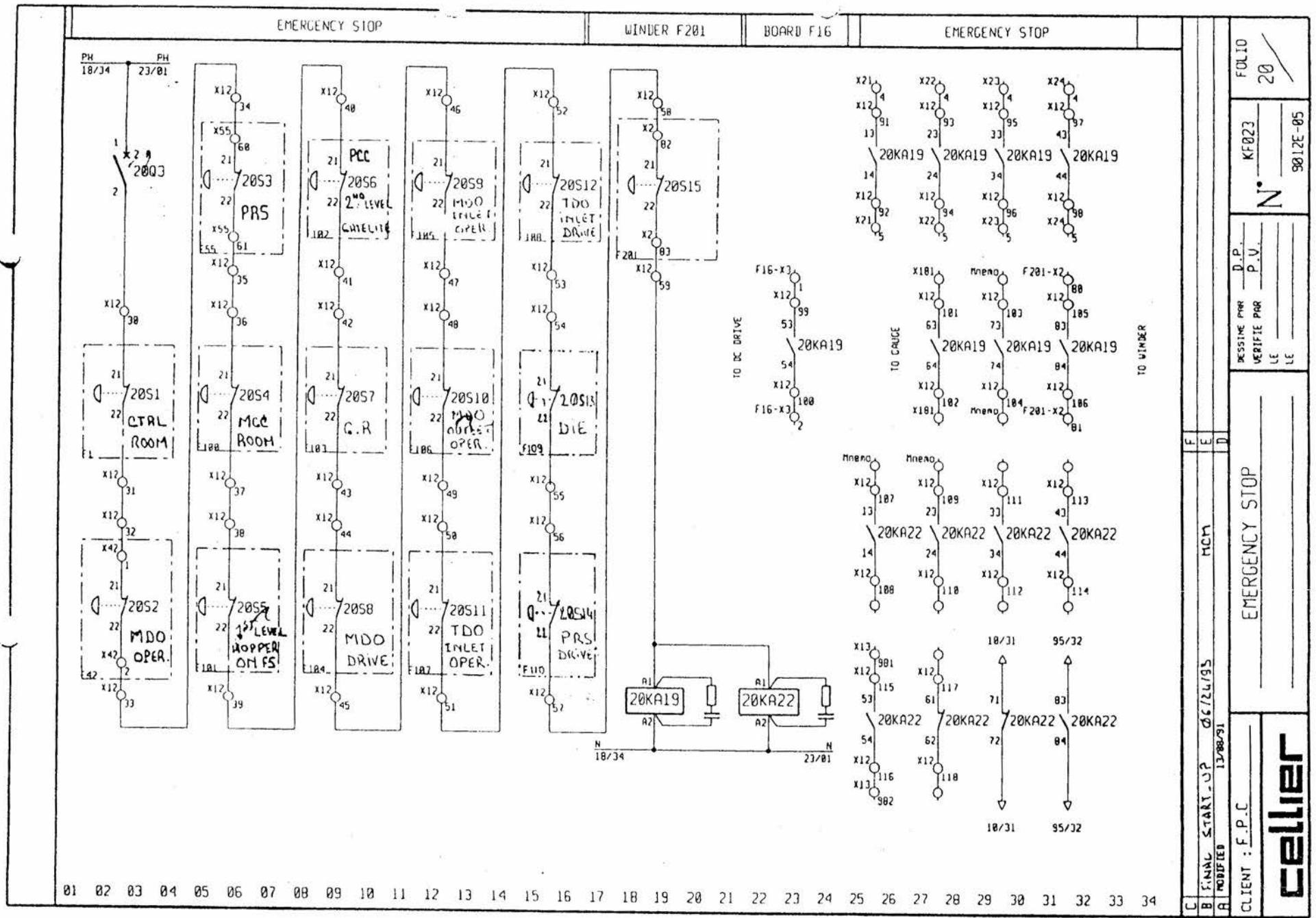
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LE

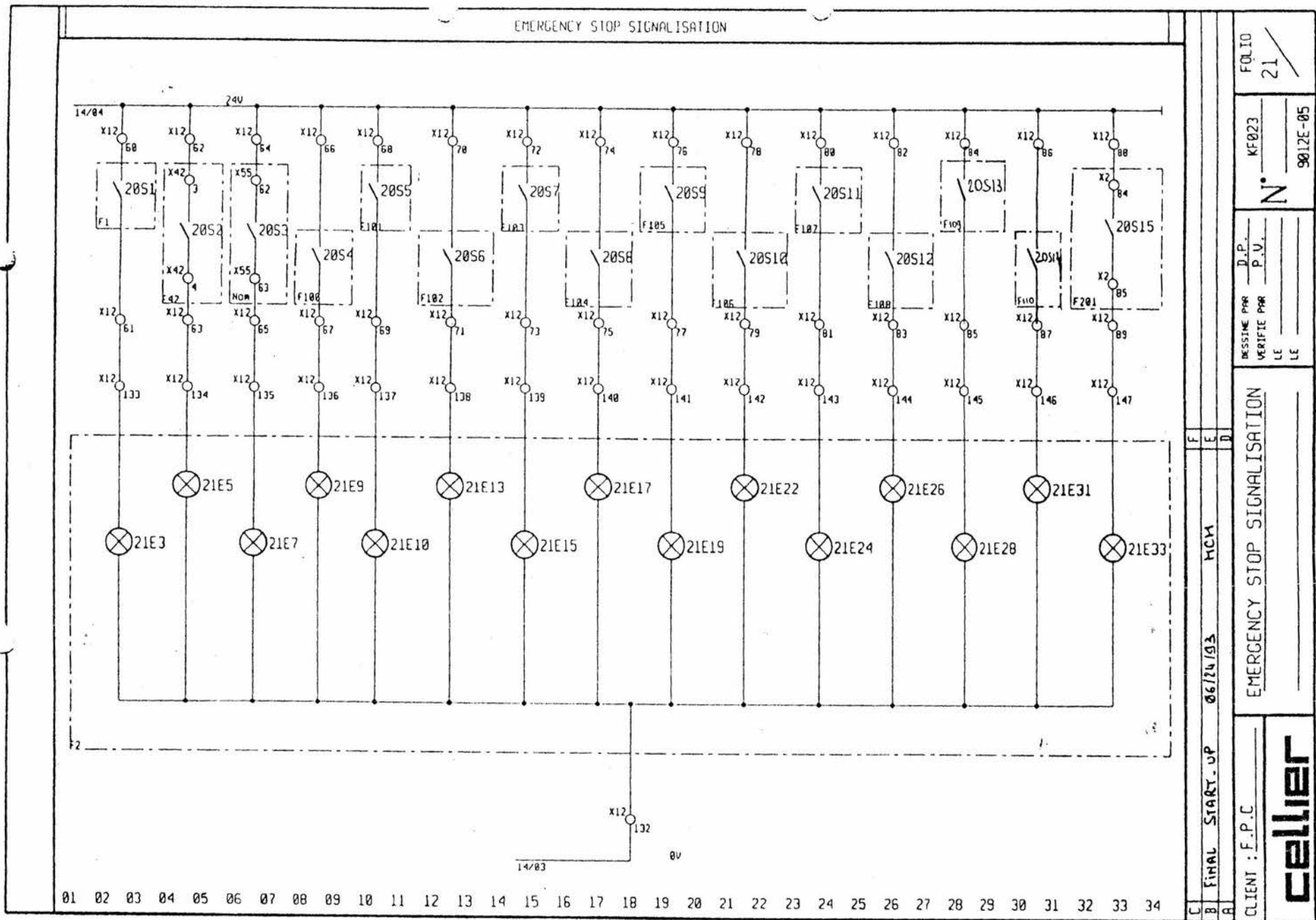
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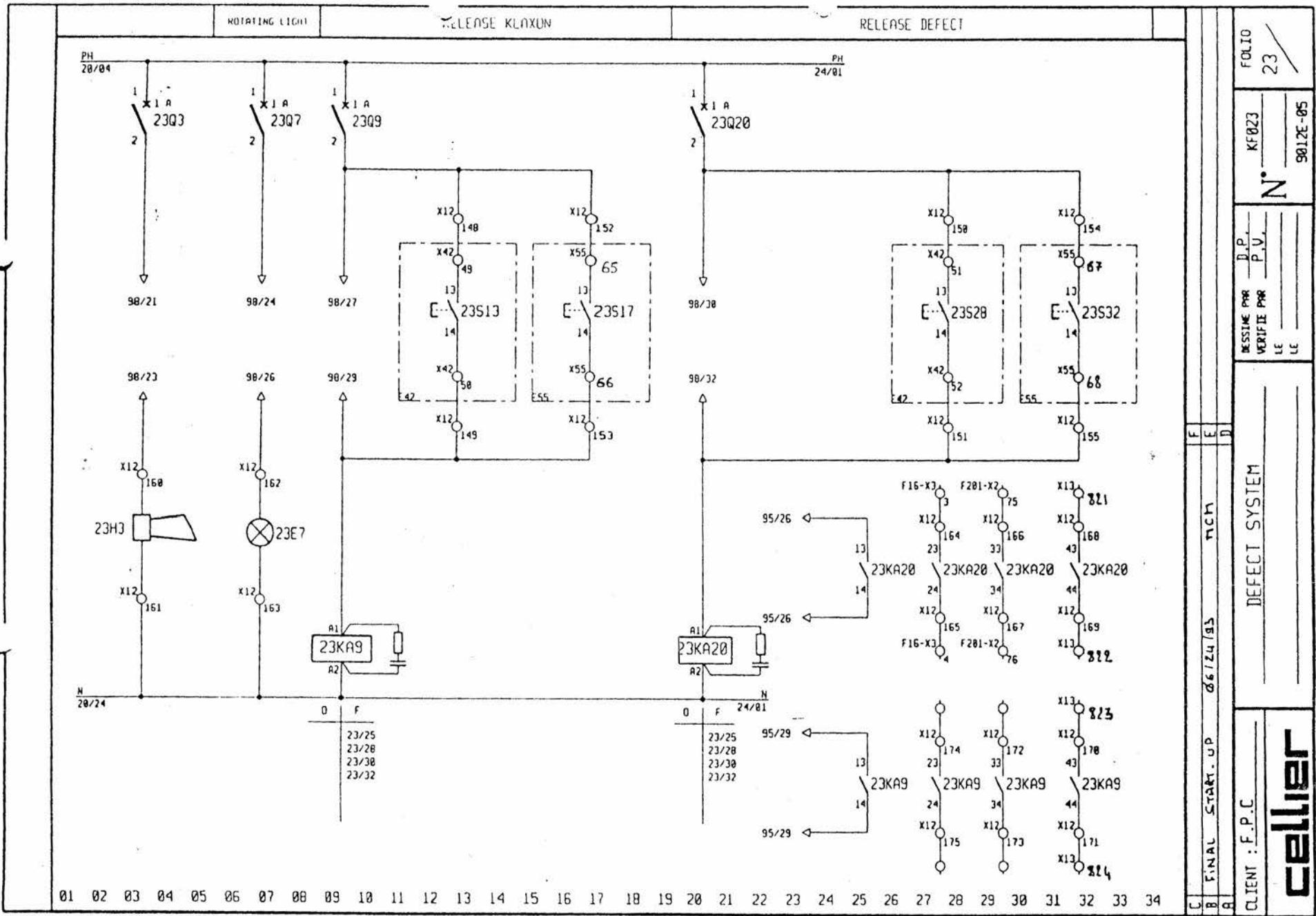
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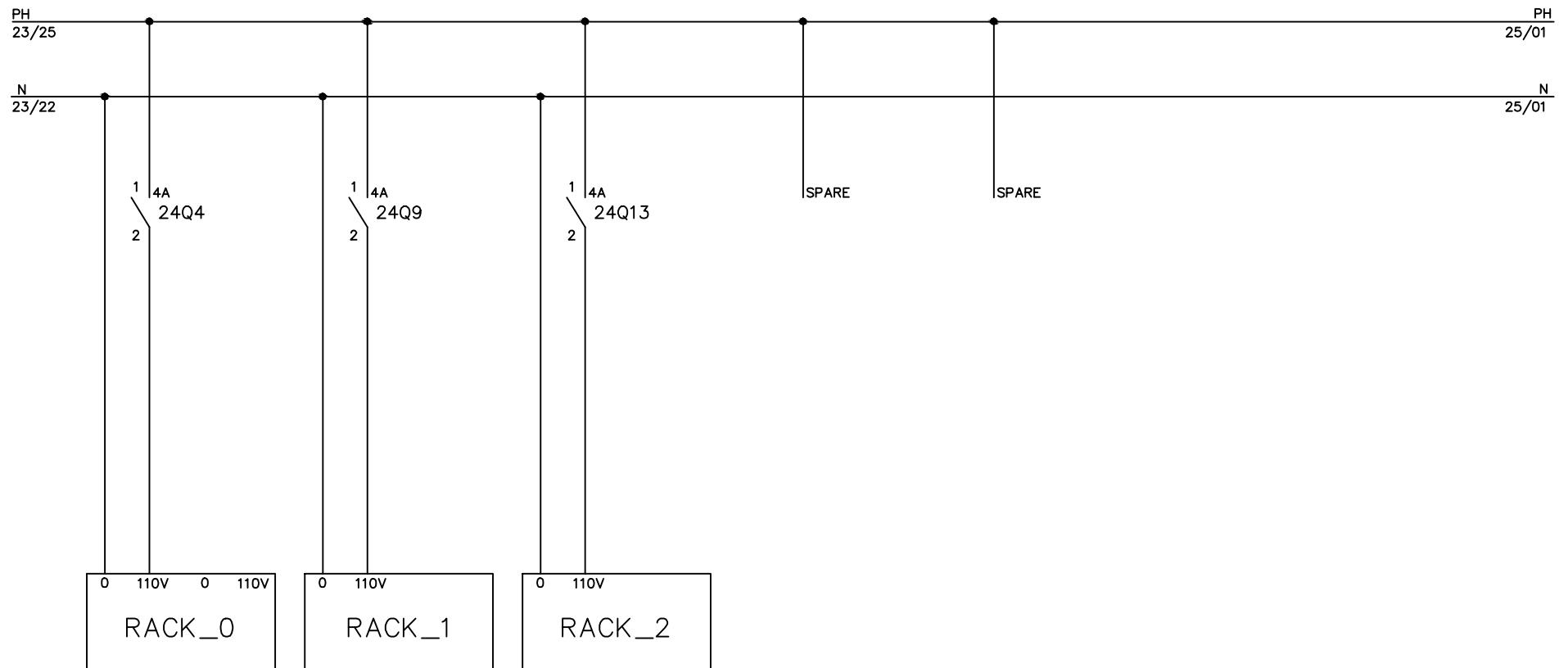
EMERGENCY STOP SIGNALISATION



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C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C	D	E	F				
CLIENT : F.P.C	FREE	DESSINE PAR	D.P.	P.V.	N°	KF023	FOLIO																										
		VERIFIE PAR	LE	LE		9612E-05	22																										
<b>cellier</b>																																	



01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
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File Name : P24 PLC Supply.dwg

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DRAWN BY	Rufus Huang																				F12		Total																	
CHECKED BY	JERRY WU																				DRAWING NO.		MATERIAL																	
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PH  
24/34

N  
24/34

25Q10  
4A

25510

A1  
25KA10  
A2

A1  
25KA14  
A2

A1  
25KA17  
A2

A1  
25KA21  
A2

A1  
25KA25  
A2

A1  
25KA29  
A2

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

C B A

cellier

CLIENT : F.P.C

FQ10  
25

KF023  
9012E-05

N

F

E

D

C

B

A

I

L

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U

V

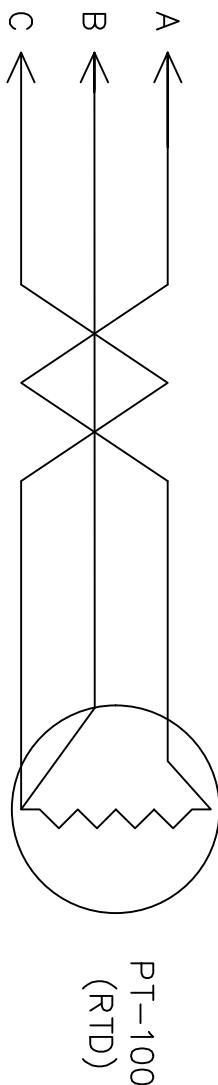
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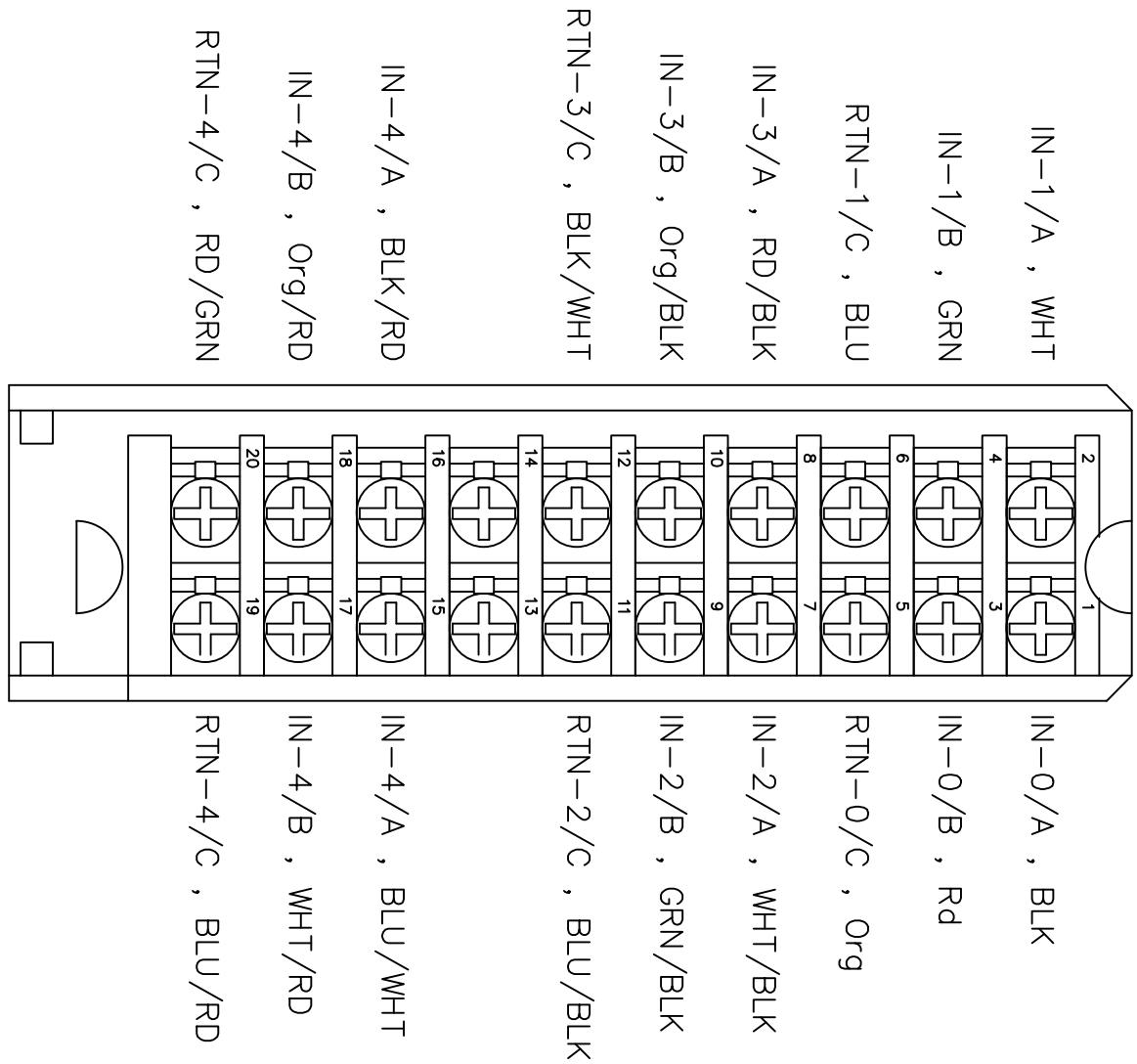
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CHO :	1	, 3	, 5	CH3 :	8	, 10	, 12
CH1 :	2	, 4	, 6	CH4 :	15	, 17	, 19
CH2 :	7	, 9	, 11	CH6 :	16	, 18	, 20

### 1756-IR61 Module wiring



File Name: P25 1756-IR61 wirings.dwg

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DRAWN BY	Charlie Zhang																									F12	Total						
CHECKED BY	JERRY WU																											MATERIAL					

Line4 1756-IR61 3-wire RTD wiring

REV. NO REV. DESCRIPTION REV. BY: REV. DATE DRAWN DATE: 05-23-2019 SCALE NONE UNIT MM

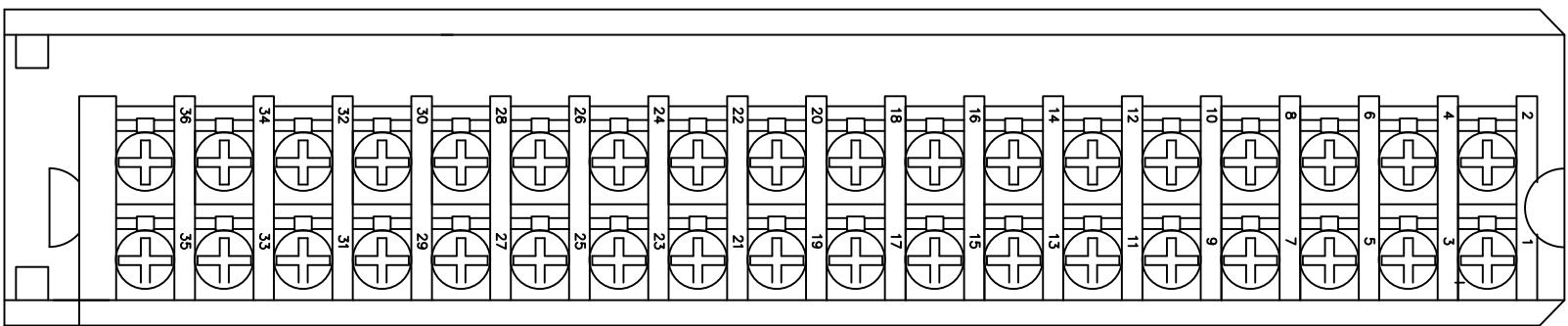
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CHO : 2 , 4&1  
CH1 : 6 , 8&5  
CH2 : 12 , 14&11  
CH3 : 16 , 18&15

CH4 : 20 , 22&19  
CH5 : 24 , 26&23  
CH6 : 30 , 32&29  
CH7 : 34 , 36&33

### 1756-IF16 Different current Wiring

& Mean jumper wires



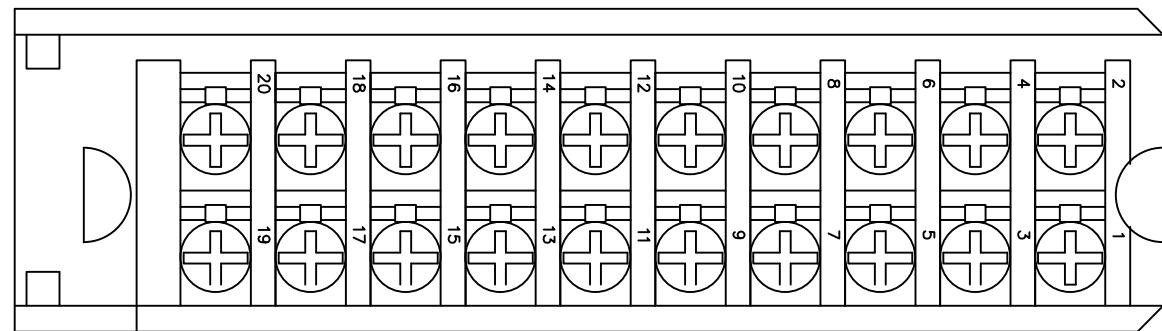
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Line4 1756-IF16 Different current Wiring																DRAWING DESCRIPTION	KF203 F12	Page #	26															
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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

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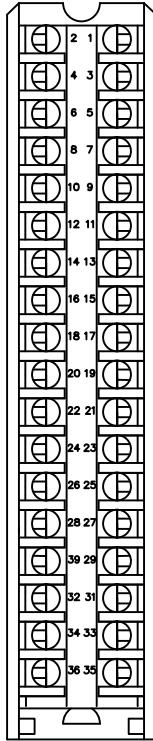


1756-0F4 Current wiring

FILE NAME: P27 1756-0F4 Wirings.dwg

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CHECKED BY	JERRY WU																			DRAWING NO.		MATERIAL											
																				REV. NO		REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-23-2019	SCALE	NONE	UNIT	MM			

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GRN , IN-1		1 RTN-1 , RD
BLU , IN-2		1 RTN-2 , ORG
RD/BLK , IN-3		1 RTN-3 , WHT/BLK
ORG/BLK , RTN	10 9	RTN , GRN/BLK
BLK/WHT , IN-4	12 11	1 RTN-4 , BLU/BLK
GRN/WHT , IN-5	14 13	1 RTN-5 , RD/WHT
BLK/RD , IN-6	16 15	1 RTN-6 , BLU/WHT
ORG/RD , IN-7	18 17	1 RTN-7 , WHT/RD
RD/GRN , IN-8	20 19	1 RTN-8 , BLU/RD
BLK/WHT-RD , IN-9	22 21	1 RTN-9 , ORG/GRN
RD/BLK-WHT , IN-10	24 23	1 RTN-10 , WHT/BLK-RD
ORG/BLK-WHT , IN-11	26 25	1 RTN-11 , GRN/BLK-WHT
BLK/RD-CRN , RTN	28 27	RTN , BLU/BLK-WHT
RD/BLK-GRN , IN-12	30 29	1 RTN-12 , WHT/RD-CRN
ORG/BLK-GRN , IN-13	32 31	1 RTN-13 , GRN/BLK-ORG
BLK/WHT-ORG , IN-14	34 33	1 RTN-14 , BLU/WHT-ORG
ORG/WHT-BLU , IN-15	36 35	1 RTN-15 , WHT/RD-ORG

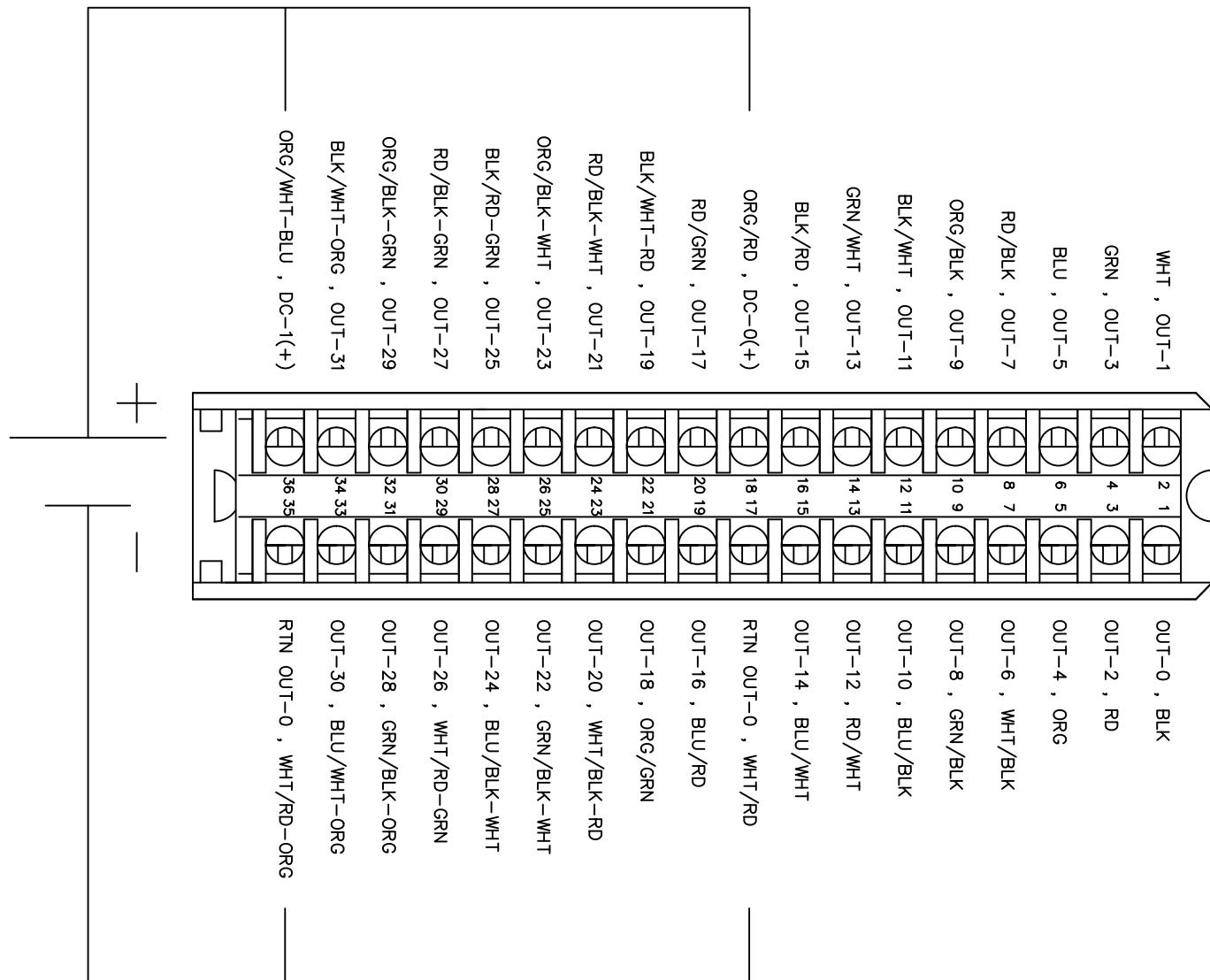


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WHT , IN-1		2 1	1																																	
GRN , IN-3		4 3	1																																	
BLU , IN-5		6 5	1																																	
RD/BLK , IN-7		8 7	1																																	
ORG/BLK , IN-9		10 9	1																		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

FILE NAME: P28 1756-IB32 Wiring.dwg  
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INTERPLAST GROUP, Ltd.  
Autoprop DNA Mfg. Dept.  
Line4 1756-IB32 ControlLogix input  
midule  
DRAWN BY: Charlie Zhang  
CHECKED BY: JERRY WU  
REV. NO. REV. DESCRIPTION REV. BY REV. DATE DRAWN DATE 09-23-2010 SCALE 1:1000 UNIT MM  
Page 4 of 28  
Total 1  
MATERIAL  
REV. NO. REV. DESCRIPTION REV. BY REV. DATE DRAWN DATE 09-23-2010 SCALE 1:1000 UNIT MM

1756-IB32 ControlLogix input module

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File Name: P29 1756-IB32 Wirings.dwg



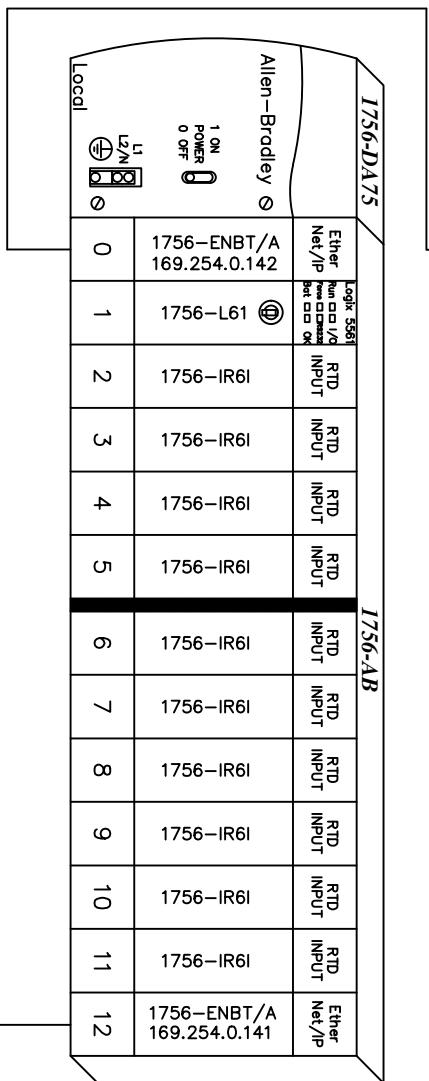
INTEPLAST GROUP, Ltd.  
AMTOPP DIVI. M/E DEPT.

## Line4 1756-IB32 ControlLogix input module

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DRAWN BY	Charlie Zhang																			DRAWING NO.		Total																								
CHECKED BY	JERRY WU																			MATERIAL																										
																			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-23-2019	SCALE	NONE	UNIT	MM																		

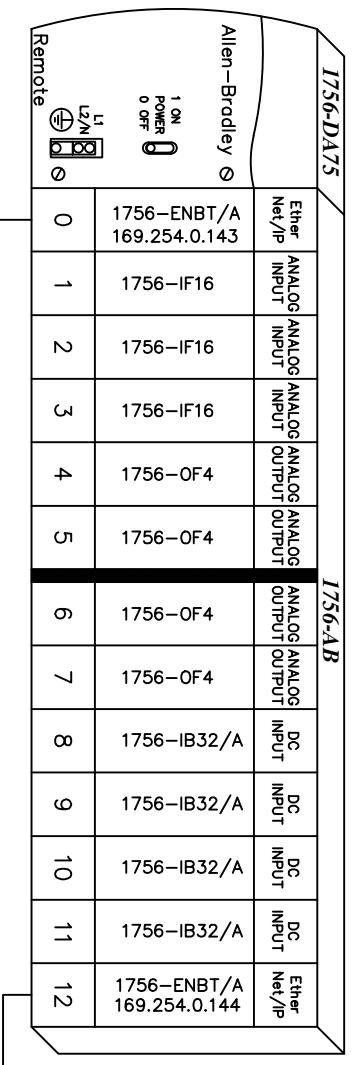
01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

RACK 0



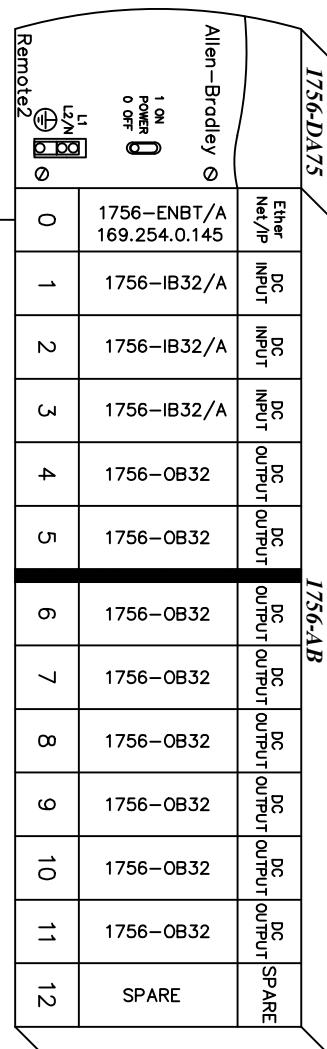
## LOCAL I/O

RACK 1



REMOTE I/O

RACK 2



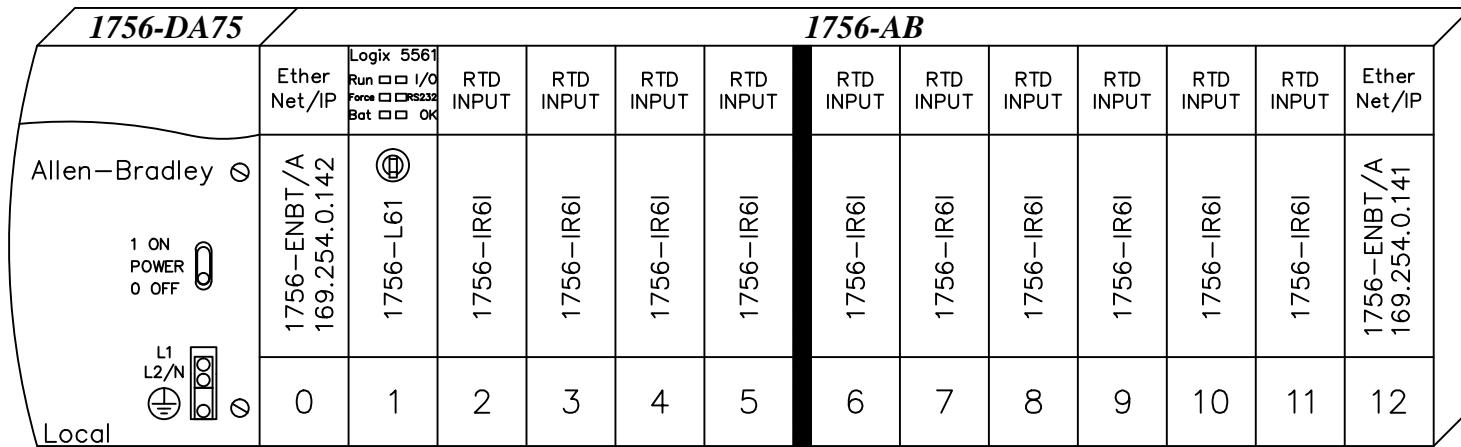
REMOTE I/O

File Name : P30 PLC Module Link Layout.dwg

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	INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line4 PLC MODULE LINK LAYOUT																				DRAWING DESCRIPTION	KF023 F12	Page #	30							
DRAWN BY	Charlie Zhang																							Total									
CHECKED BY	JERRY WU																		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-23-2019	SCALE	NONE	UNIT	MM					

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

RACK 0



## LOCAL I/O

File Name : P31\_Rack0.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

MAIN EXT. ZONE 1

MAIN EXT. ZONE 2

MAIN EXT. ZONE 3

MAIN EXT. ZONE 4

## FILTER ADAPTOR

FILTER HEATER 1

TE1200-01

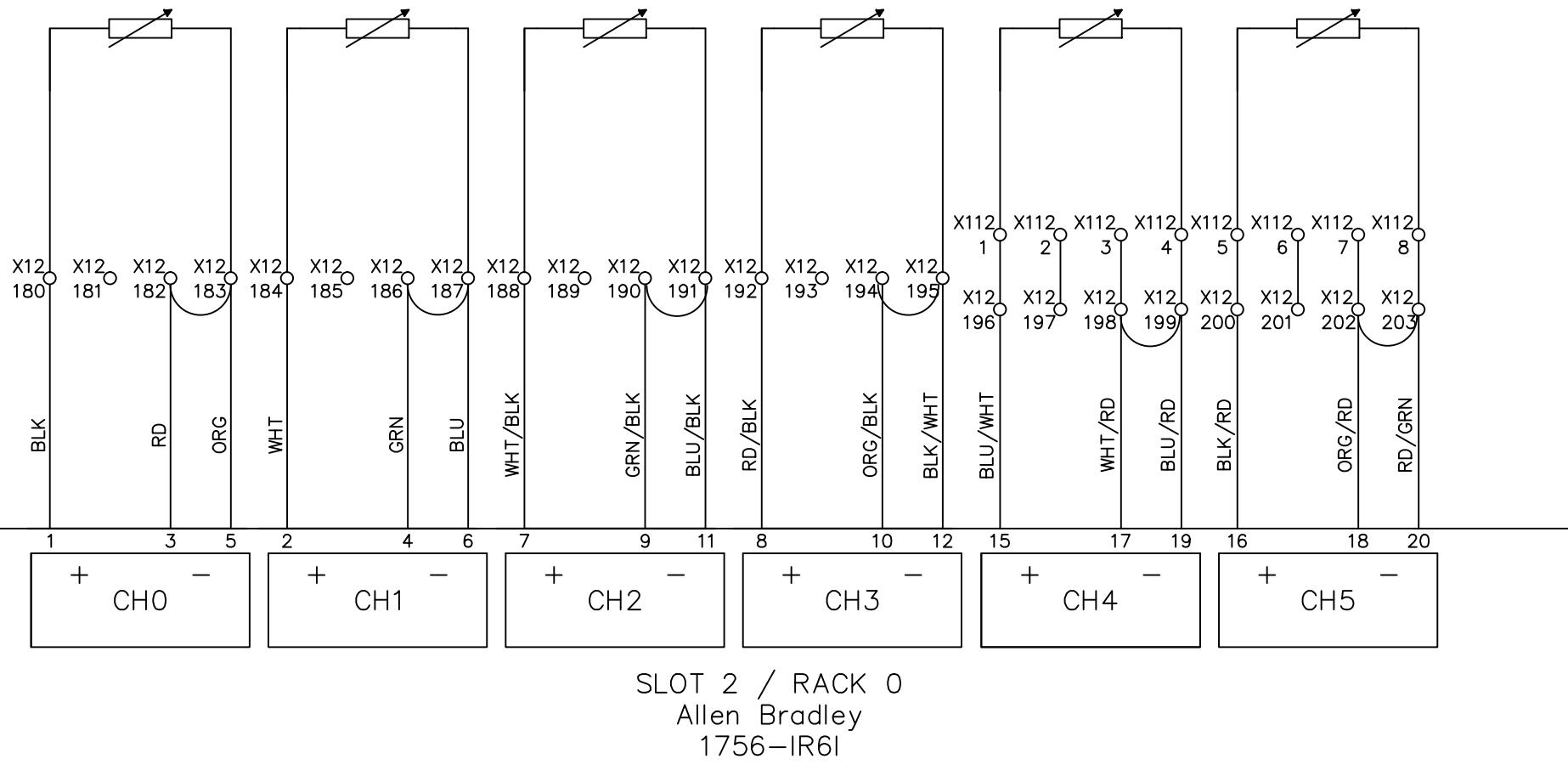
TE1200-02

TE1200-03

TE1200-04

TE1230-05

TE1230-02



IW01\_3  
W[4760]

IW01\_4  
W[4763]

IW01\_5  
W[4766]

IW01\_6  
W[4769]

IW02\_3  
W[4772]

IW02\_4  
W[4775]

File Name : P32-33 slot 2 Allen Bradley 1756-IR6I.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 6 P.L.C. ANALOG INPUT  
PT100 Probe °F

				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1		Page #		32-33	
					Total					
1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.			MATERIAL			
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018		SCALE	NONE	UNIT	MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

FILTER HEATER 3

FILTER HEATER 2

FIRST MELT LINE ZONE  
1

FIRST MELT LINE ZONE  
2

FIRST MELT LINE ZONE  
3

NE FIRST MELT LINE ZONE  
4

TE1230-03

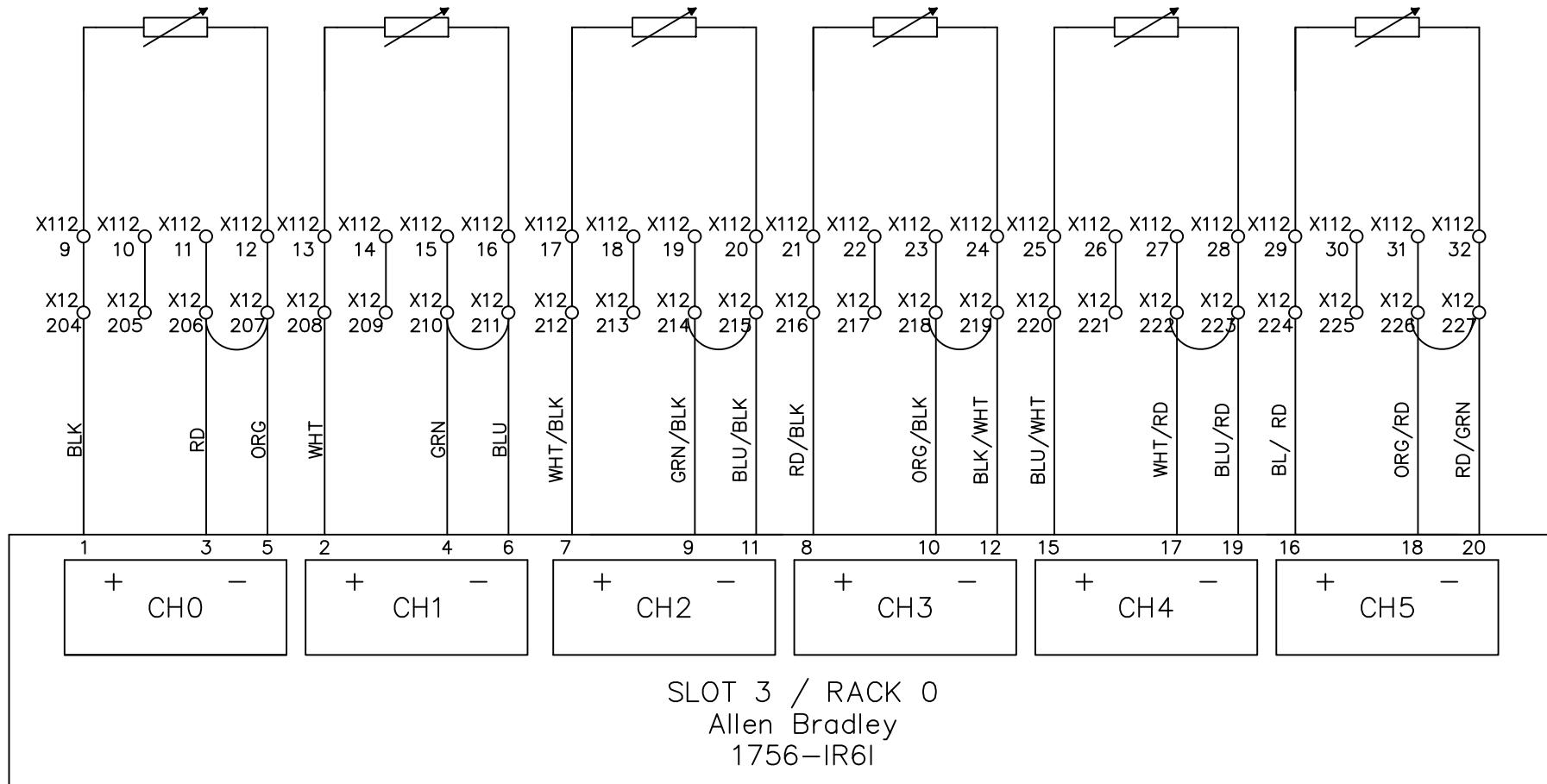
TE1230-04

TE1200-12

TE1200-13

TE1200-14

TE1200-15



IW02\_5  
W[4778]

IW02\_6  
W[4781]

IW03\_3  
W[4790]

IW03\_4  
W[4793]

IW03\_5  
W[4796]

IW03\_6  
W[4799]

File Name : P33-34 slot 3 Allen Bradley 1756-IR6I.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 6 P.L.C. ANALOG INPUT  
PT100 Probe °F

				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	33-34		
						Total			
1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL			
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

	SECONDARY EXT. ZONE 1	SECONDARY EXT. ZONE 2	SECONDARY EXT. ZONE 3	SECONDARY EXT. ZONE 4	FILTER ADAPTOR	FILTER HEATER 1
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TE1200-06

TE1200-07

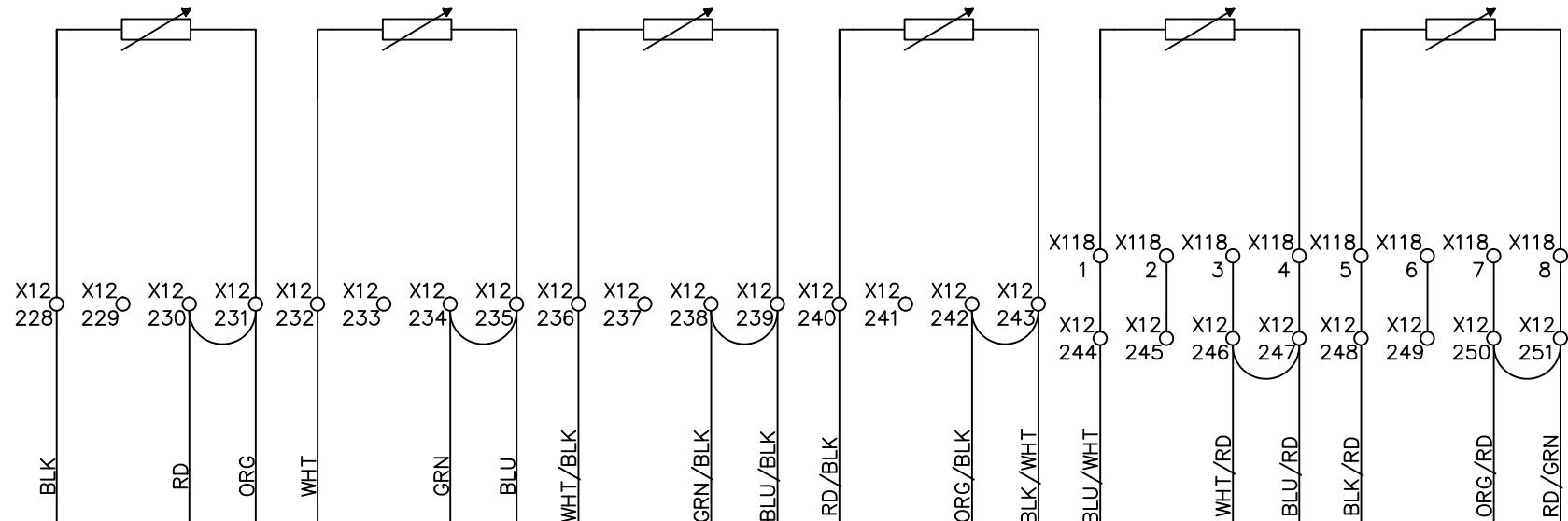
SECONDARY EXT.  
ZONE 3

SECONDARY EXT.  
ZONE 4

## FILTER ADAPTOR

FILTER HEATER 1

SCREEN CHANGER  
1



$$+ \text{CHO} -$$

+ CH1 -

$$+\text{CH}_2^-$$

$$\begin{array}{c} + \\ \text{CH}_3 \\ - \end{array}$$

$$+ \text{CH}_4 -$$

+ CH5 -

SLOT 4 / RACK 0  
Allen Bradley  
1756-IR6I

IW04\_3  
W[4807]

IW04\_4  
W[4810]

IW04\_5  
W[4813]

IW04\_6  
W[4816]

IW05\_3  
W[4819]

|W05\_4  
W[4822]

File Name : P35-36 slot 4 Allen Bradley 1756-IR6I.dwg

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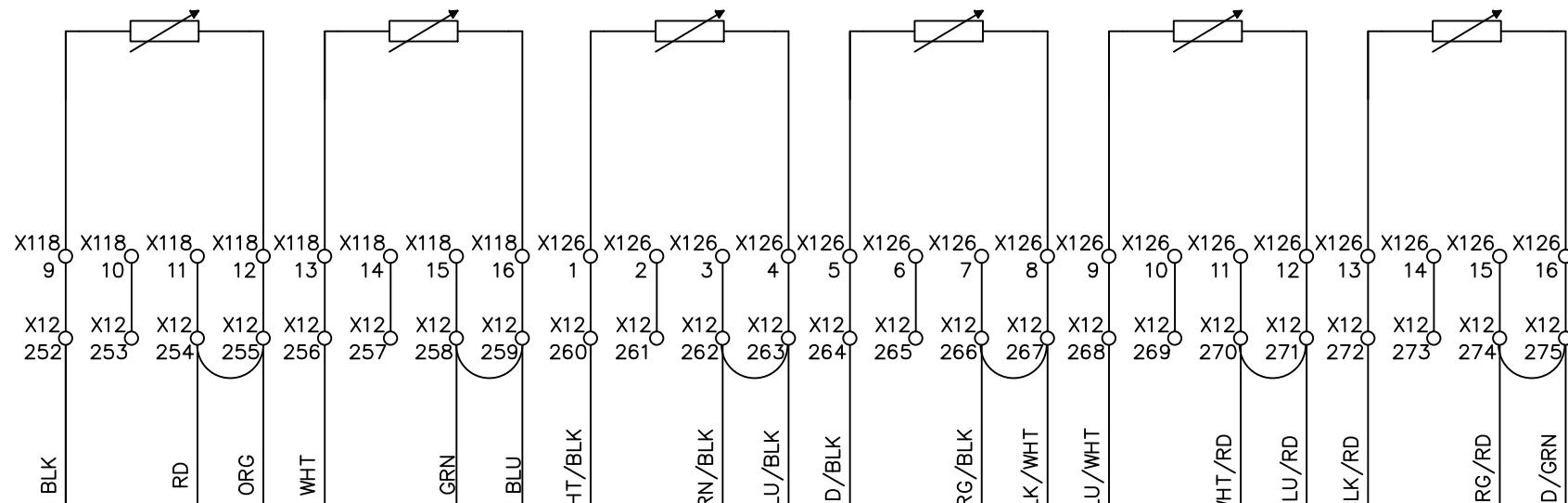
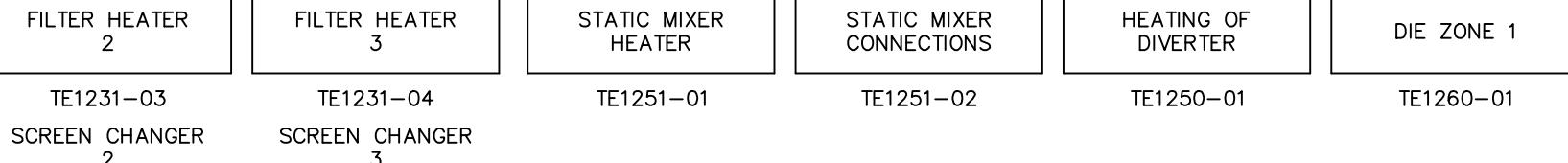


INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 6 P.L.C. ANALOG INPUT  
PT100 Probe °F

				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	35-36		
					Total				
1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL			
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



1      3      5      2      4      6      7      9      11      8      10      12      15      17      19      16      18      20

+ CHO	- CH1	+ CH2	- CH3	+ CH4	- CH5
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SLOT 5 / RACK 0  
Allen Bradley  
1756-IR6I

IW05\_5  
W[4825]

IW05\_6  
W[4828]

IW06\_3  
W[4837]

IW06\_4  
W[4840]

IW06\_5  
W[4843]

IW06\_6  
W[4852]

File Name : P36-37 slot 5 Allen Bradley 1756-IR6I.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 6 P.L.C. ANALOG INPUT  
PT100 Probe °F

				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #		36-37	
						Total			
1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL			
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM

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FREE

FREE

FREE

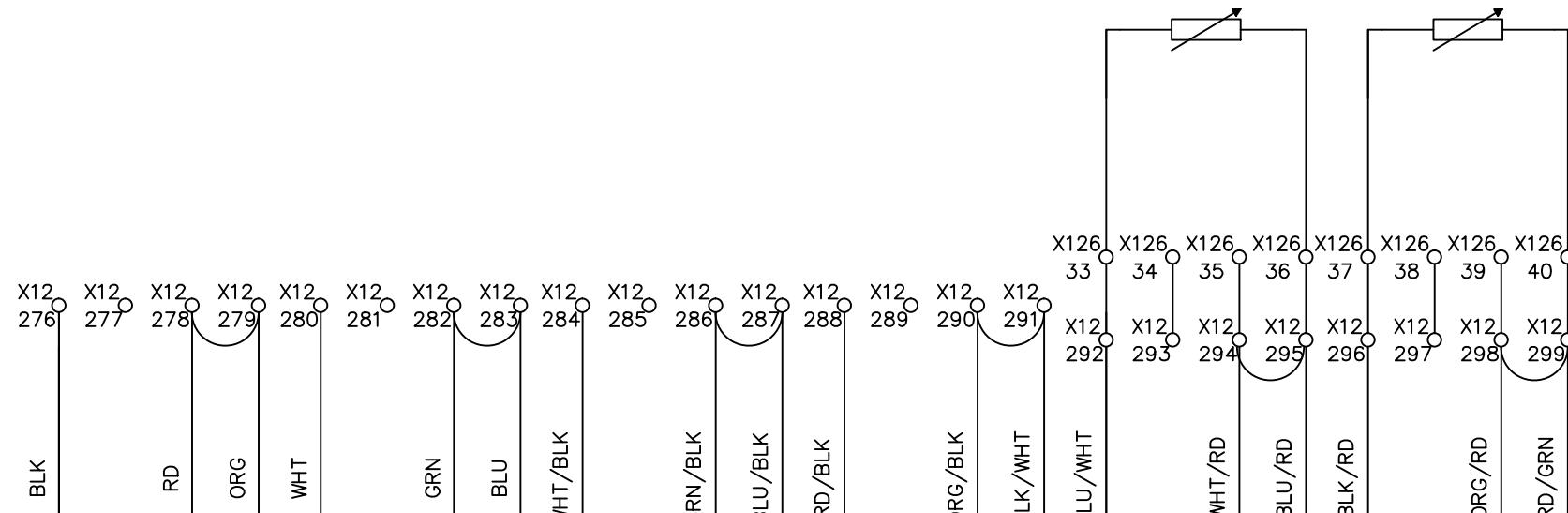
FREE

DIE ZONE 6

DIE ZONE 7

TE1260-06

TE1260-07



+ CHO -

+ CH1 -

+ CH2 -

+ CH3 -

+ CH4 -

+ CH5 -

SLOT 6 / RACK 0  
Allen Bradley  
1756-IR6I

IW07\_3

IW07\_4

IW07\_5

IW07\_6

IW40\_3

W[4867]

IW40\_4

W[4870]

File Name : P38-40 slot 6 Allen Bradley 1756-IR6I.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.Line4 6 P.L.C. ANALOG INPUT  
PT100 Probe °F

DRAWN BY	Rufus Huang	Line4 6 P.L.C. ANALOG INPUT	PT100 Probe °F				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	38-40	
				1	Add Terminal Number	Charlie Z.			Total		
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

SECOND. MELT  
LINE-1 PART.

SECOND. MELT  
LINE-2 PART.

DIE ZONE 2

DIE ZONE 3

DIE ZONE 4

DIE ZONE 5

TE1240-03

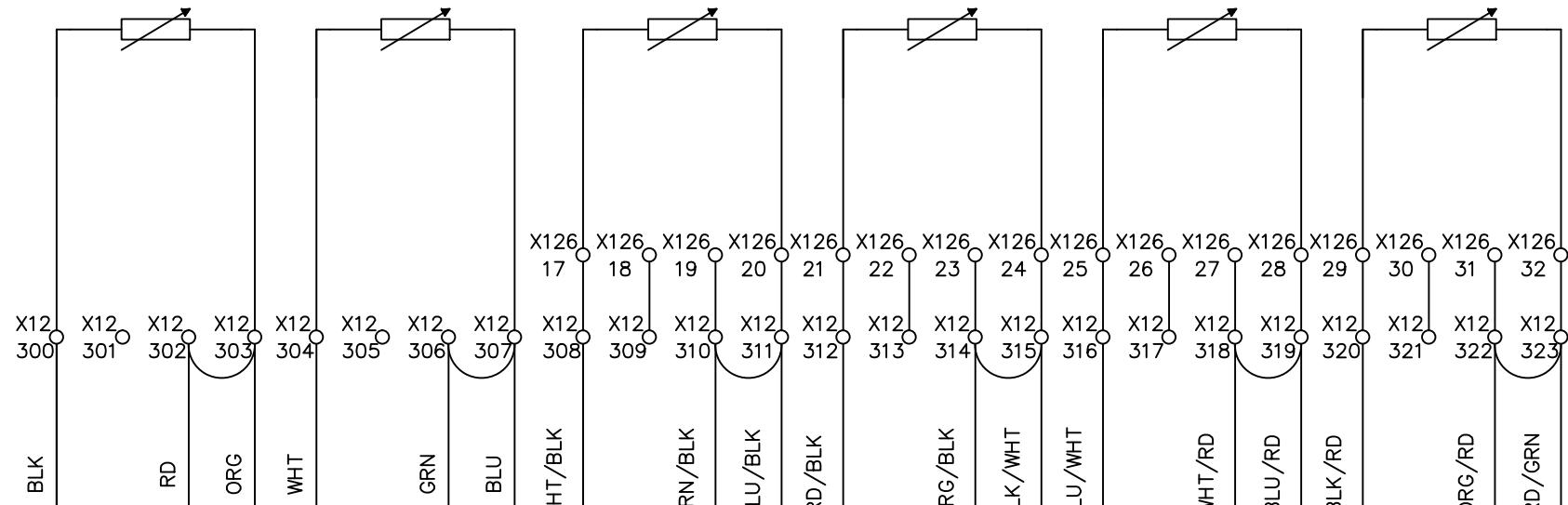
TE1240-04

TE1260-02

TE1260-03

TE1260-04

TE1260-05



1                  3                  5



A horizontal number line with tick marks at integer intervals. The labels 7, 9, and 11 are positioned above the line. A thick black bracket is placed below the line, spanning from the vertical tick mark for 7 to the vertical tick mark for 11, indicating the closed interval  $[7, 11)$ .

8                  10                  12

15                  17                  1

16 18 20

SLOT 7 / RACK 0  
Allen Bradley  
1756-IR6I

IW40\_5  
W[4731]

IW40\_6  
W[4734]

W41\_3  
W[4855]

IW41\_4  
W[4858]

IW41\_5  
W[4861]

IW41\_6  
W[4864]

File Name : P40-41 slot 7 Allen Bradley 1756-IR6I.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



INTEPLAST GROUP, Ltd.  
AMTOPP DIVI. M/E DEPT.

Line4 6 P.L.C. ANALOG INPUT  
PT100 Probe °F

				DRAWING DESCRIPTION	DRAWING DESCRIPTION	Page #	40-41		
						Total			
1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL			
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

SAT EXT. 1 ZONE 1

SAT EXT. 1 ZONE 2

SAT EXT. 1 ZONE 3

SAT EXT. 1 ZONE 4

SAT EXT. 1 ZONE 5

SAT EXT. 1 ZONE 6

TE1210-01

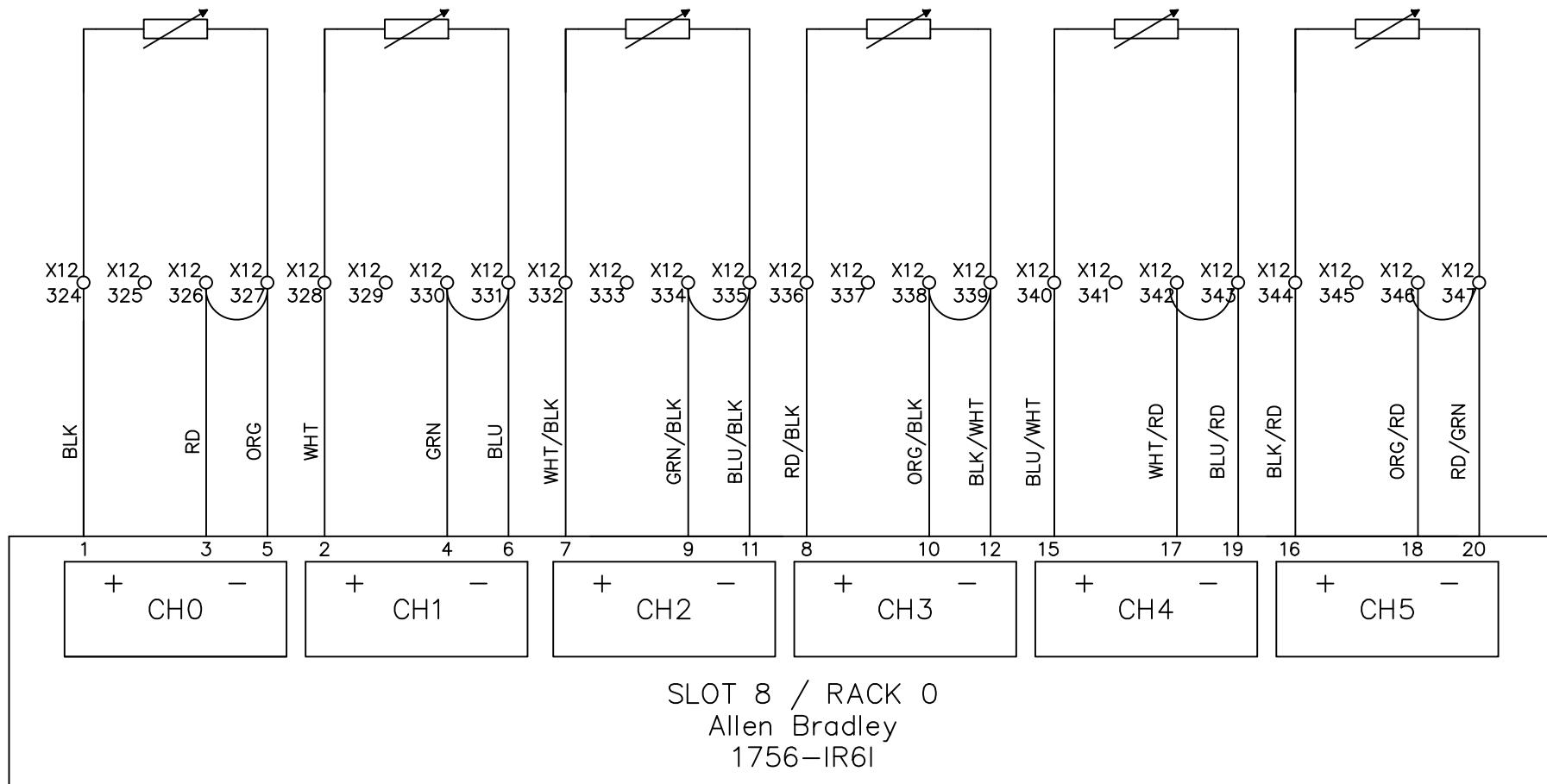
TE1210-02

TE1210-03

TE1210-04

TE1210-05

TE1210-06



IW42\_3  
W[4700]

IW42\_4  
W[4703]

IW42\_5  
W[4706]

IW42\_6  
W[4709]

IW43\_3  
W[4712]

IW43\_4  
W[4715]

File Name : P42-43 slot 8 Allen Bradley 1756-IR6I.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



INTEPLAST GROUP, Ltd.  
AMTOPP DIVI. M/E DEPT.

Line4 6 P.L.C. ANALOG INPUT  
PT100 Probe °F

				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	42-43		
					Total				
1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL			
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

SAT EXT. 1 ZONE 7

SAT EXT. 1 ADAPT

SAT. EXT. 1 FILTER

SAT. EXT. 1  
MELT LINE

MONOLAYER  
ZONE1

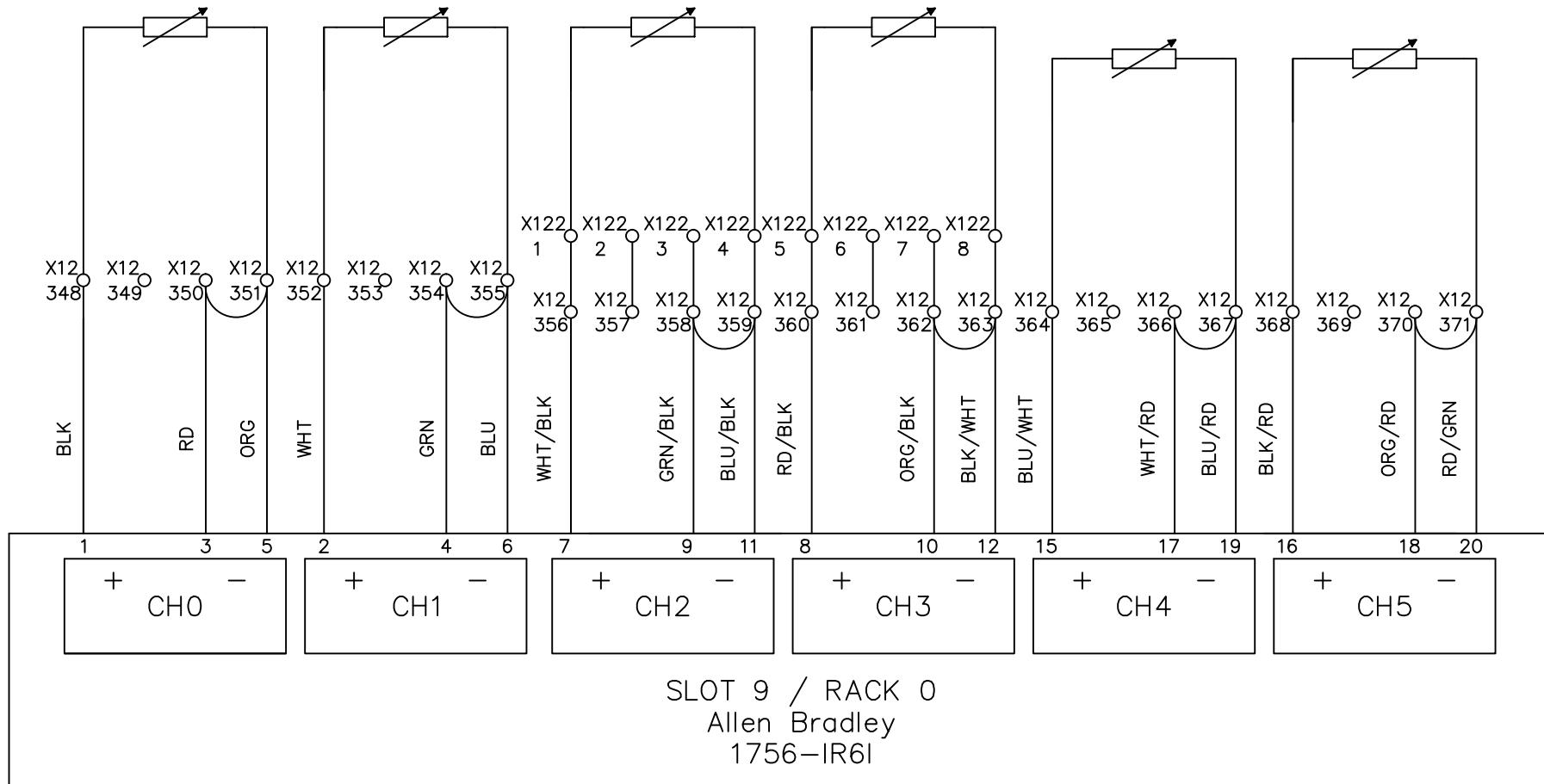
## MONOLAYER ZONE2

TE1210-07

TE1210-29

TE1232-01

TE1245-01



IW43\_5  
W[4718]

|W43\_6  
W[4721]

IW44\_3  
W[4724]

|W44\_4  
W[4727]

IW44\_5

IW44\_6

File Name : P43-44 slot 9 Allen Bradley 1756-IR6I.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



INTEPLAST GROUP, Ltd.  
AMTOPP DIVI. M/E DEPT.

Line4 6 P.L.C. ANALOG INPUT  
PT100 Probe °F

				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	43-44		
						Total			
1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL			
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

SAT EXT. 2 ZONE 1

SAT EXT. 2 ZONE 2

SAT EXT. 2 ZONE 3

SAT EXT. 2 ZONE 4

SAT EXT. 2 ZONE 5

SAT EXT. 2 ZONE 6

TE1210-15

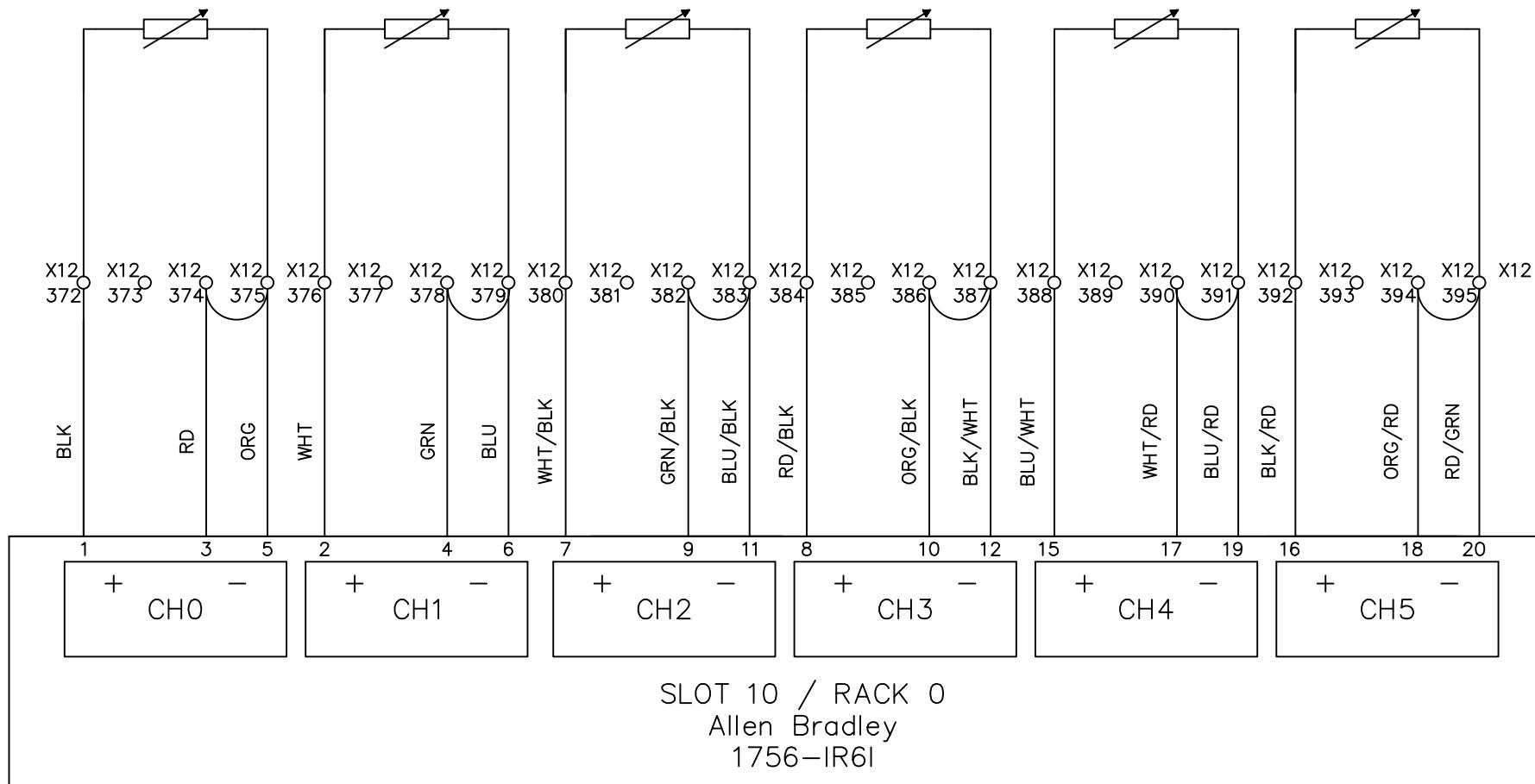
TE1210-16

TE1210-17

TE1210-18

TE1210-19

TE1210-20



IW45\_3  
W[4730]

IW45\_4  
W[4733]

IW45\_5  
W[4736]

IW45\_6  
W[4739]

IW46\_3  
W[4742]

IW46\_4  
W[4745]

File Name : P45-46 slot 10 Allen Bradley 1756-IR6I.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



INTEPLAST GROUP, Ltd.  
AMTOPP DIVI. M/E DEPT.

Line4 6 P.L.C. ANALOG INPUT  
PT100 Probe °F

				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	45-46		
					Total				
1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL			
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

SAT EXT. 2 ZONE 7

SAT EXT. 2 ADAPT.

SAT. EXT. 2 FILTER

SAT. EXT. 2  
MELT LINE

MONOLAYER  
ZONE3

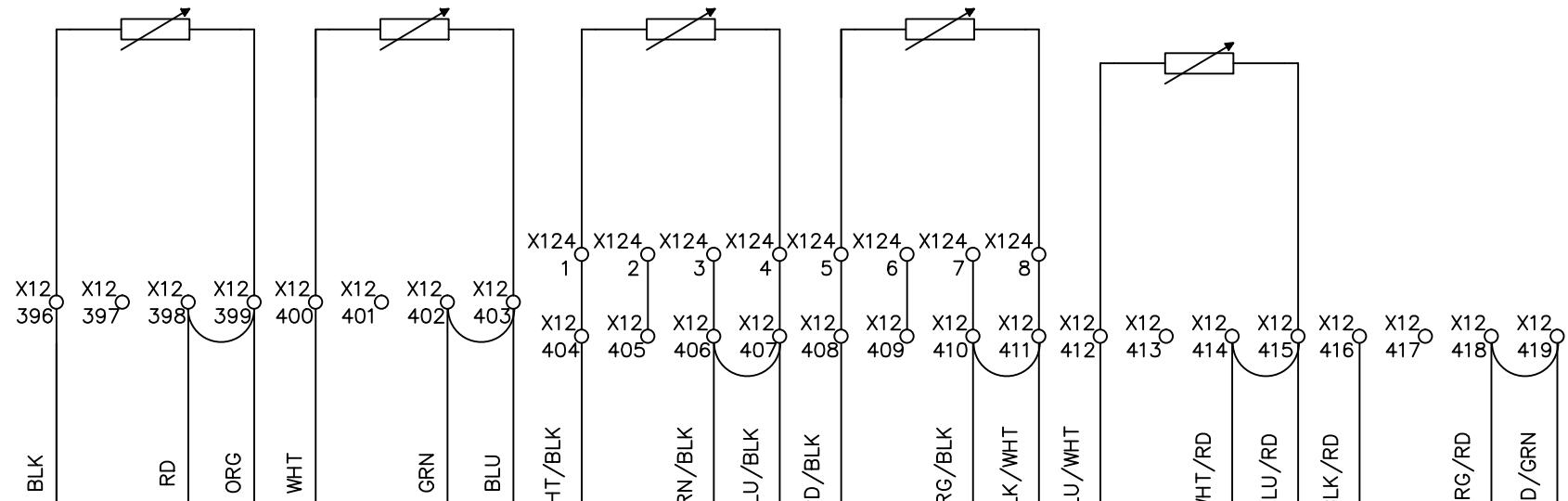
FREE

TE1210-21

TE1210-30

TE1232-02

TE1245-02



+ CHO -

+ CH1 -

+ CH2 -

+ CH3 -

+ CH4 -

+ CH5 -

SLOT 11 / RACK 0  
Allen Bradley  
1756-IR6I

IW46\_5  
W[4778]

IW46\_6  
W[4781]

IW47\_3  
W[4790]

IW47\_4  
W[4793]

IW47\_5  
W[4796]

IW47\_6  
W[4799]

File Name : P46-47 slot 11Allen Bradley 1756-IR6I.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 6 P.L.C. ANALOG INPUT  
PT100 Probe °F

DRAWING  
DESCRIPTION  
KF023\_E12  
X12 DOOR 1

Page #  
46-47  
Total

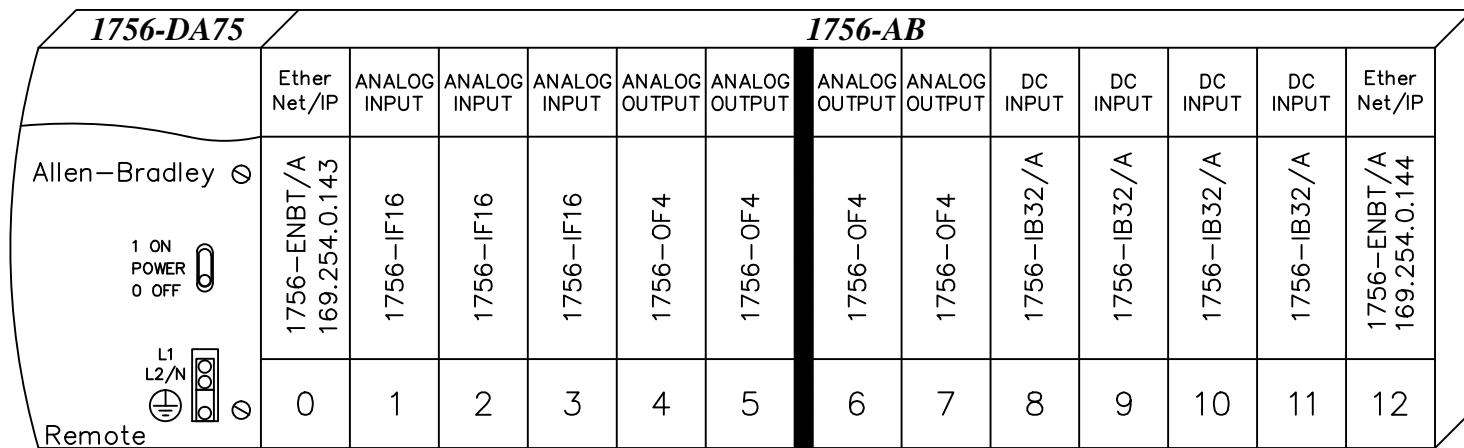
DRAWN BY Rufus Huang

CHECKED BY JERRY WU

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM
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# RACK 1



REMOTE I/O

File Name : P48 Rack1.dwg

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	INTEPLAST GROUP, Ltd.	AMTOPP DIV. M/E DEPT.																											KF023	Page #	48		
DRAWN BY	Rufus Huang																												F12	Total			
CHECKED BY	JERRY WU																												MATERIAL				

Line4 RACK 1, 1756-A13  
13-SLOT CONTROL LOGIX CHASSIS

REV. NO REV. DESCRIPTION REV. BY: REV. DATE DRAWN DATE: 05-01-2018 SCALE NONE UNIT MM

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MELT TEMP. AFTER  
PRIMARY EXT.

TE1200-16

T510

MELT PRESS. AFTER  
PRIMARY EXT.

PE1200-17

P511

MELT PRESS.  
BEFROE SEC. EXT.

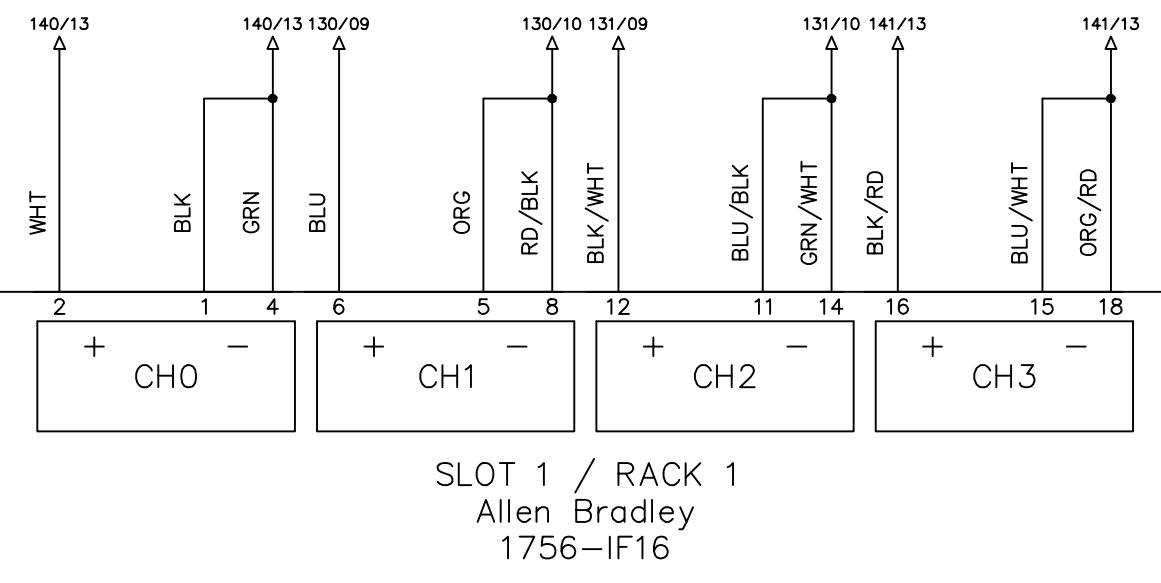
PE1200-18

P512

MELT TEMP. AFTER  
SEC. EXT.

TE1200-19

T513



IW62\_3\_0

W[4888]

IW62\_4\_0

W[4889]

IW62\_5\_0

W[4890]

IW62\_6\_0

W[4891]

File Name : P57 slot 1 Allen Bradley 1756-IF16-1.dwg

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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 8 P.L.C. ANALOG INPUT  
4-20mA

KF023 F12  
X12 DOOR 1

Page #  
57  
Total

DRAWN BY Rufus Huang

CHECKED BY JERRY WU

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	MATERIAL		
					SCALE	NONE	UNIT
				05-01-2018			MM

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MELT PRESS. AFTER  
SEC. EXT.

MELT TEMP.  
BEFORE DIE

MELT PRESS.  
BEFROE DIE

WEIGHING OF DOSEING  
HOPPER

PE1200-20

TE1250-02

PE1250-03

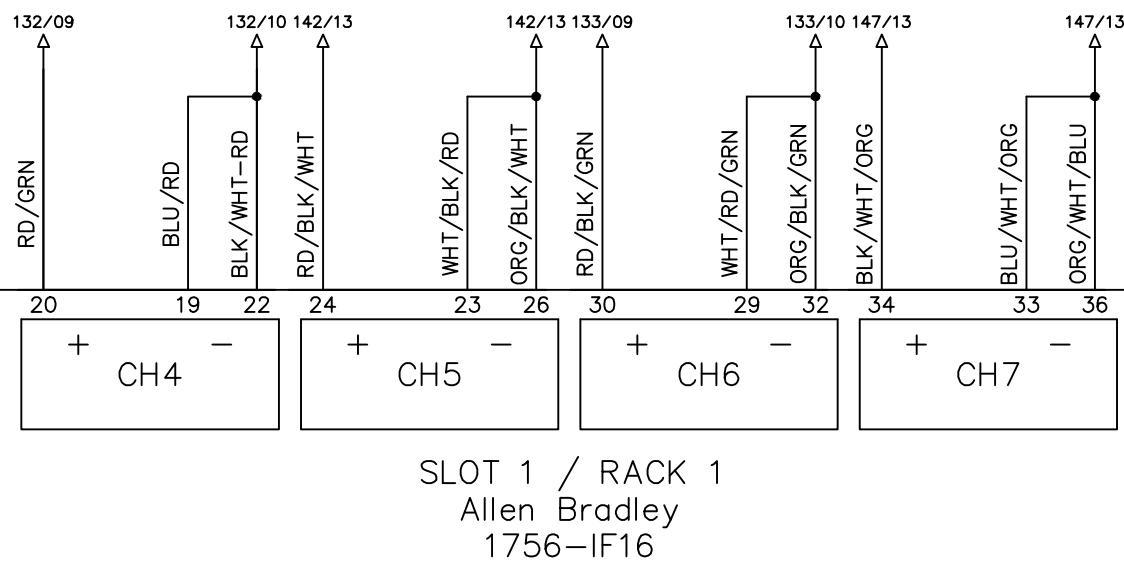
WT1115

P514

T515

P516

R200



IW62\_3\_1

W[4892]

IW62\_4\_1

W[4893]

IW62\_5\_1

W[4894]

IW62\_6\_1

W[4876]

File Name : P58 slot 1 Allen Bradley 1756-IF16-2.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 8 P.L.C. ANALOG INPUT  
4-20mA

DRAWING  
DESCRIPTION  
KF023\_E12  
X12 DOOR 1

Page #  
58

Total

DRAWN BY Rufus Huang

CHECKED BY JERRY WU

1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.			MATERIAL		
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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MELT PRESS. AFTER  
SAT. EXT. 1

PE1210-31

P501

MELT TEMP. AFTER  
SAT. EXT. 1

TE1210-32

T500

MELT PRESS. AFTER  
SAT. EXT. 2

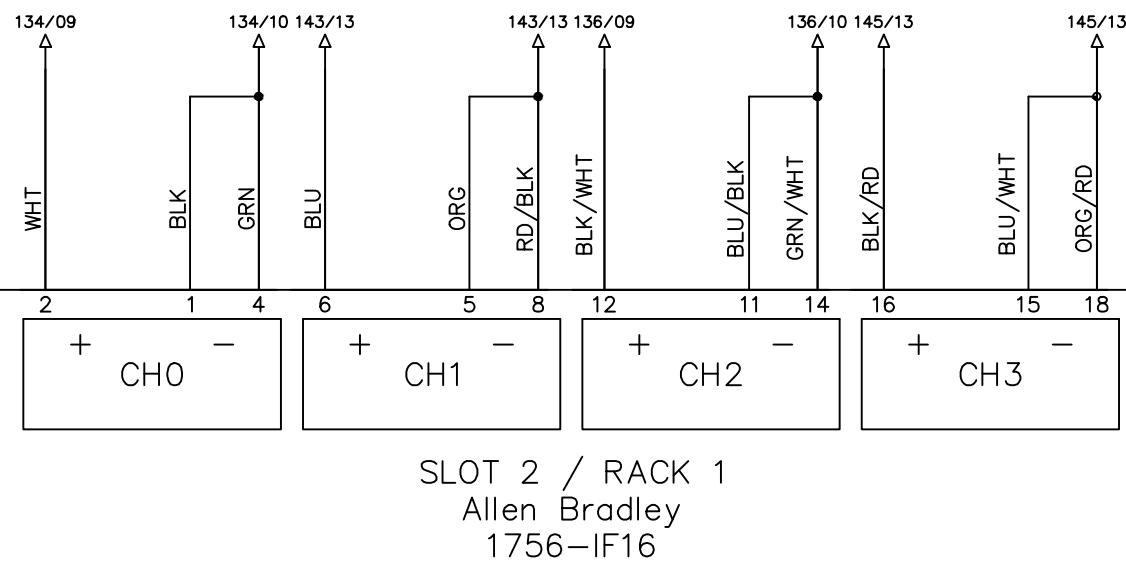
PE1210-33

P505

MELT TEMP. AFTER  
SAT. EXT. 2

TE1210-34

T504



IW63\_3\_0

W[4881]

IW63\_4\_0

W[4880]

IW63\_5\_0

W[5885]

IW63\_6\_0

W[4884]

File Name : P59 slot 2 Allen Bradley 1756-IF16-1.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 8 P.L.C. ANALOG INPUT  
4-20mA

KF023 F12  
X12 DOOR 1

Page #  
59

Total

DRAWN BY Rufus Huang

CHECKED BY JERRY WU

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM
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00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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MELT TEMP. BEFORE DIE	MELT PRESS. BEFORE DIE	MELT TEMP. BEFORE DIE	MELT PRESS. BEFORE DIE
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TE1235-01

PE1235-03

TE1235-02

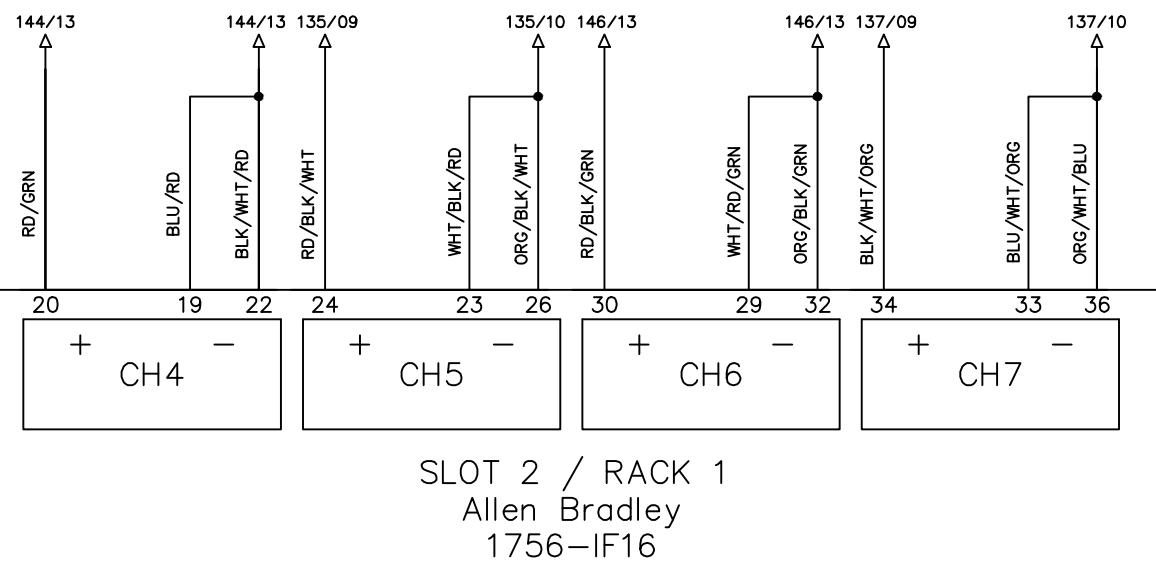
PE1235-04

T502

P503

T506

P507



IW63\_3\_1

W[4882]

IW63\_4\_1

W[4883]

IW63\_5\_1

W[4886]

IW63\_6\_1

W[4887]

File Name : P60 slot 2 Allen Bradley 1756-IF16-2.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.Line4 8 P.L.C. ANALOG INPUT  
4-20mA

DRAWN BY	CHECKED BY	DRAWING DESCRIPTION				KF023 F12 X12 DOOR 1	Page #	60
		1	Add Terminal Number	Charlie Z.	05/23/19			
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE NONE UNIT MM

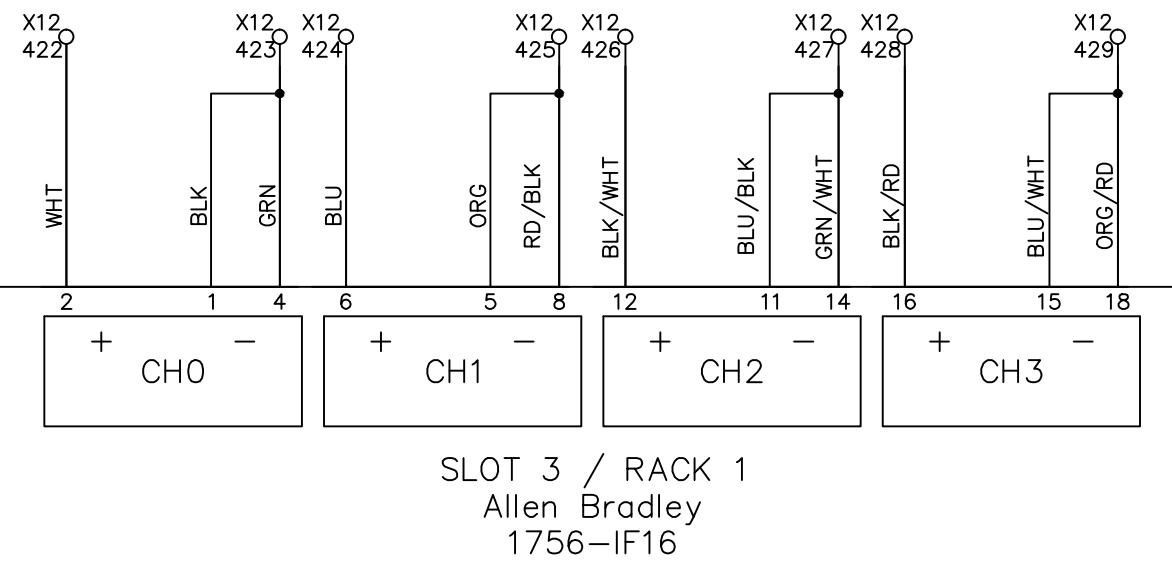
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FREE

FREE

FREE

FREE



IW64\_3\_0

IW64\_4\_0

IW64\_5\_0

IW64\_6\_0

File Name : P61 slot 3 Allen Bradley 1756-IF16-1.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.Line4 8 P.L.C. ANALOG INPUT  
4-20mADRAWING DESCRIPTION  
KF023 F12  
X12 DOOR 1Page #  
61  
Total

DRAWN BY Rufus Huang

CHECKED BY JERRY WU

1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE
					NONE	UNIT
					MM	

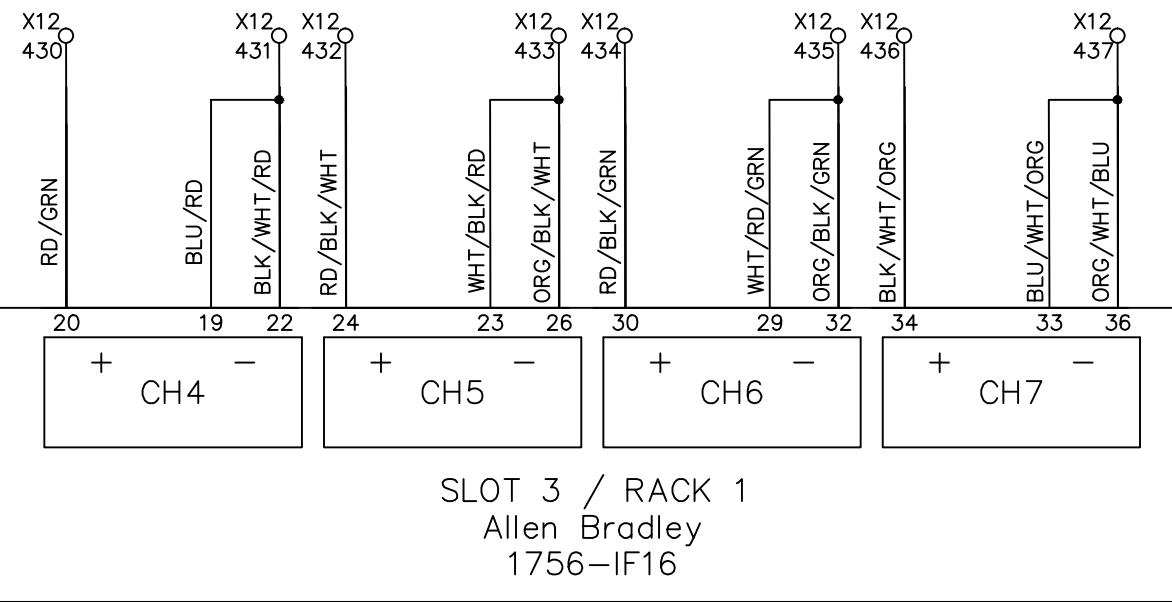
00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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FREE

FREE

FREE

FREE



IW64\_3\_1

IW64\_4\_1

IW64\_5\_1

IW64\_6\_1

File Name : P62 slot 3 Allen Bradley 1756-IF16-2.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.Line4 8 P.L.C. ANALOG INPUT  
4-20mAKF023 F12  
X12 DOOR 1

Page # 62

Total

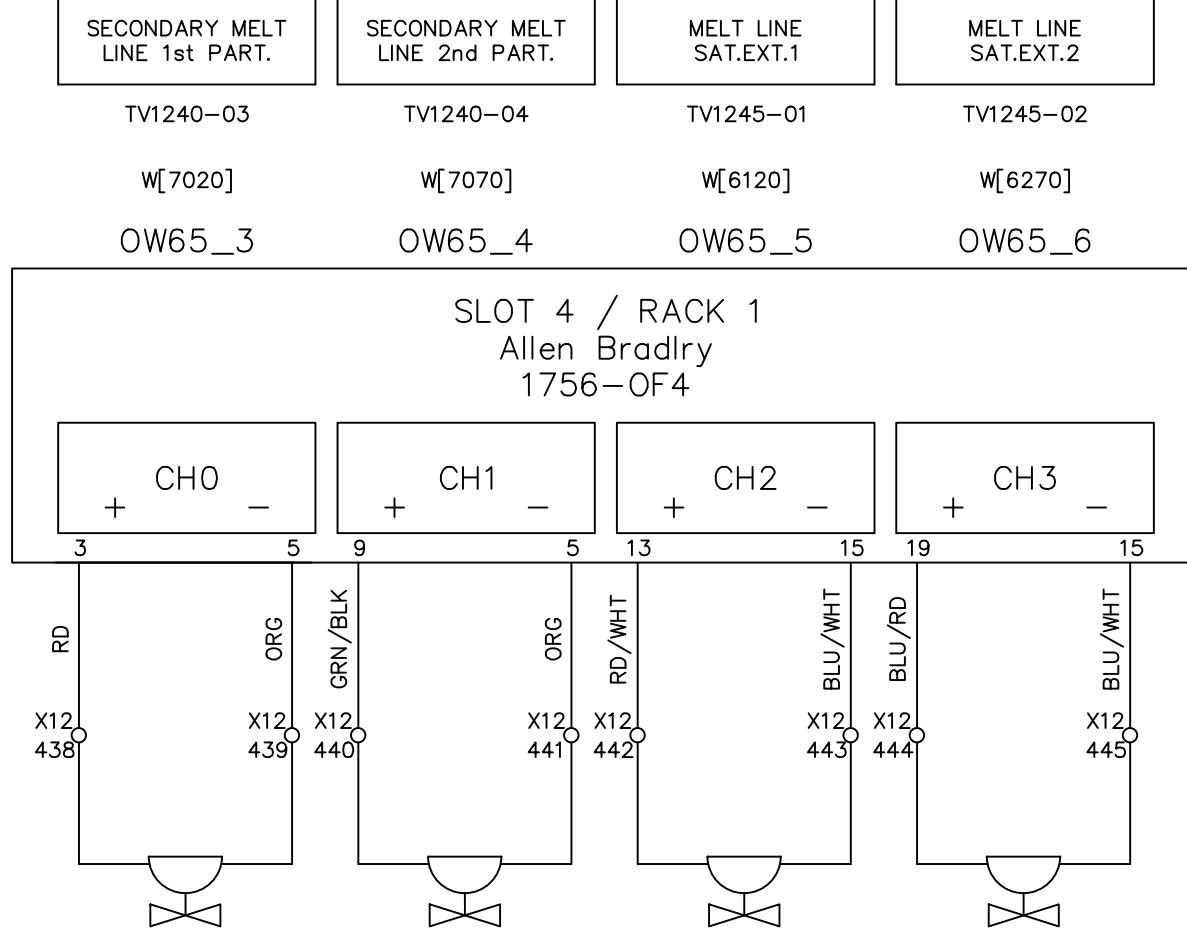
DRAWING DESCRIPTION

DRAWN BY Rufus Huang

CHECKED BY JERRU WU

REV. NO REV. DESCRIPTION REV. BY: REV. DATE DRAWN DATE: 05-01-2018 SCALE NONE UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



File Name : P63 slot 4 Allen Bradley 1756-OF4 rack1.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



INTEPLAST GROUP, Ltd.  
AMTOPP DIVI. M/E DEPT.

## Line4 4 P.L.C. ANALOG OUTPUT Rack 1

				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	63		
					Total				
1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL			
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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FREE

FREE

FREE

FREE

M1106-01

M1106-02

M1112-01

ALSO FOREMOST  
ACTUAL WEIGHT  
FOR XE01ALSO FOREMOST  
WEIGHT SETPOINT  
FOR XE01

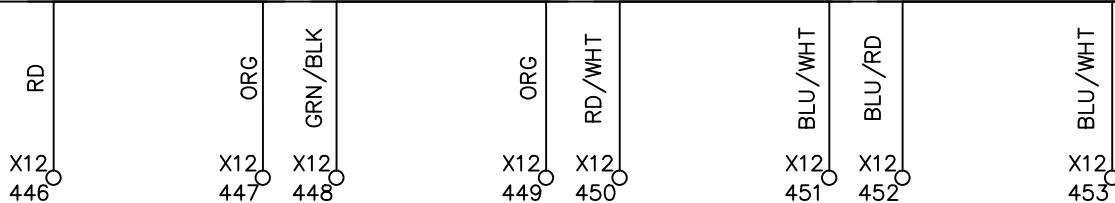
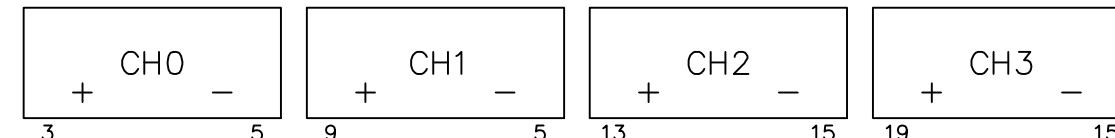
OW66\_3

OW66\_4

OW66\_5

OW66\_6

SLOT 5 / RACK 1

Allen Bradley  
1756-OF4

File Name : P64 slot 5 Allen Bradley 1756-OF4 rack1.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.LINE4 4 P.L.C. ANALOG OUTPUT  
Rack 1

				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #		64			
						Total					
DRAWN BY	Rufus Huang			1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL	
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM



00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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FREE

FREE

FREE

FREE

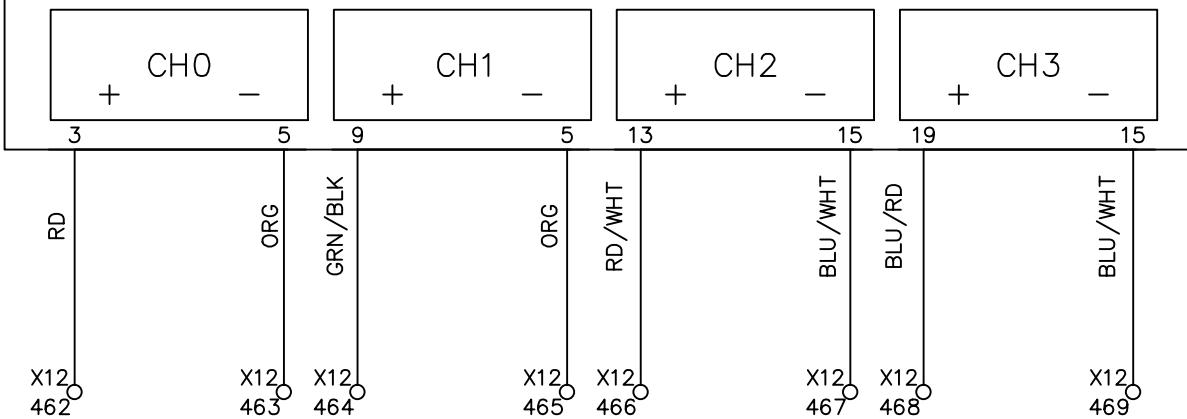
OW80\_3

OW80\_4

OW80\_5

OW80\_6

SLOT 7 / RACK 1  
Allen Bradley  
1756-OF4



File Name : P67 slot 7 Allen Bradley 1756-OF4 rack1.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.Line4 4 P.L.C. ANALOG OUTPUT  
Rack 1

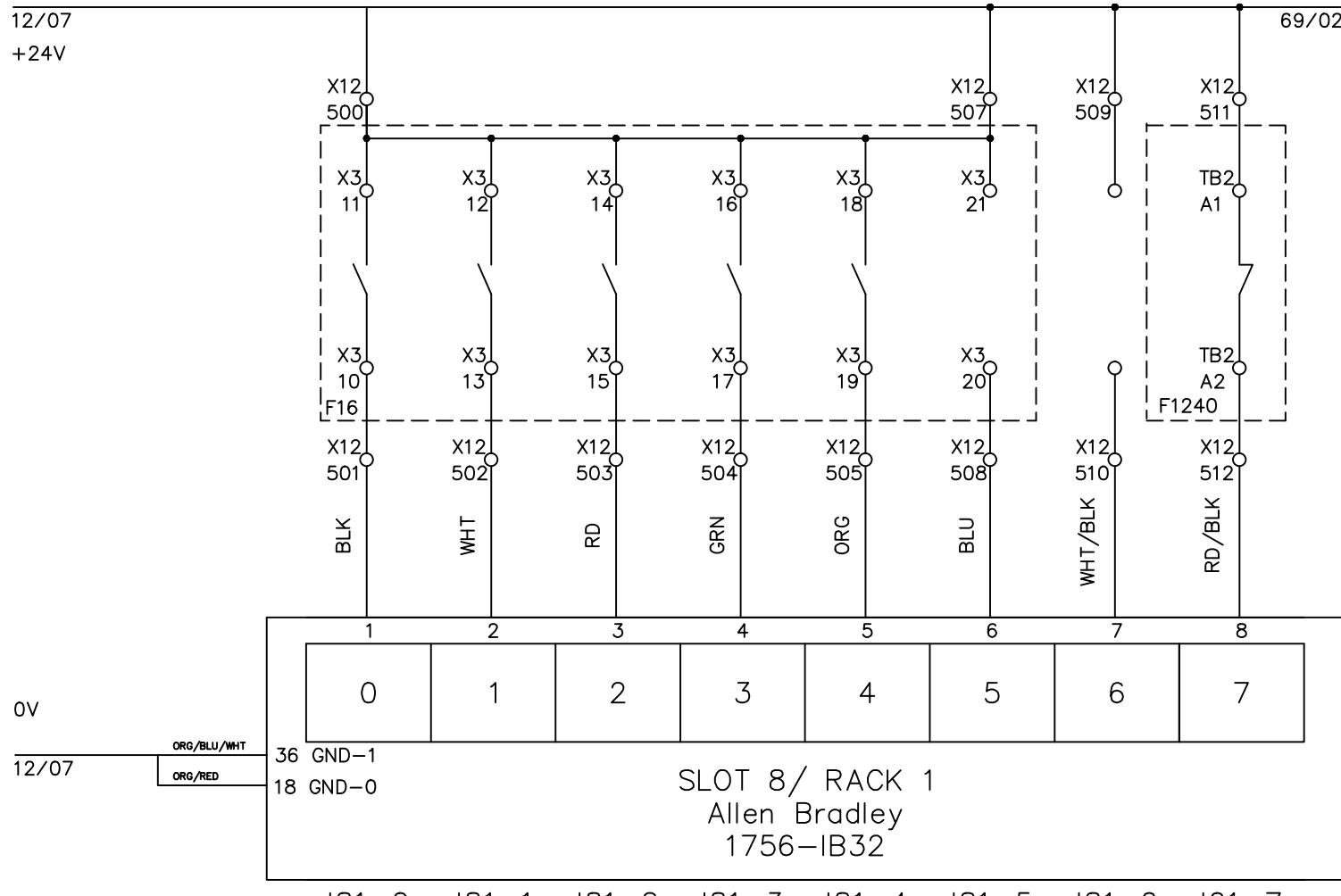
DRAWN BY Rufus Huang

CHECKED BY JERRY WU

					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	67
						Total	MATERIAL	
1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.				
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT MM

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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	EXT. 1 RUNNING	EXT. 2 RUNNING	SAT. 1 RUNNING	SAT. 2 RUNNING	PRODUC. STRETCH.		FREE	MELT LINE AGGREGAT OVER TEMP.
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File Name : P68 slot 8 Allen Bradley 1756-IB32 rack1-1.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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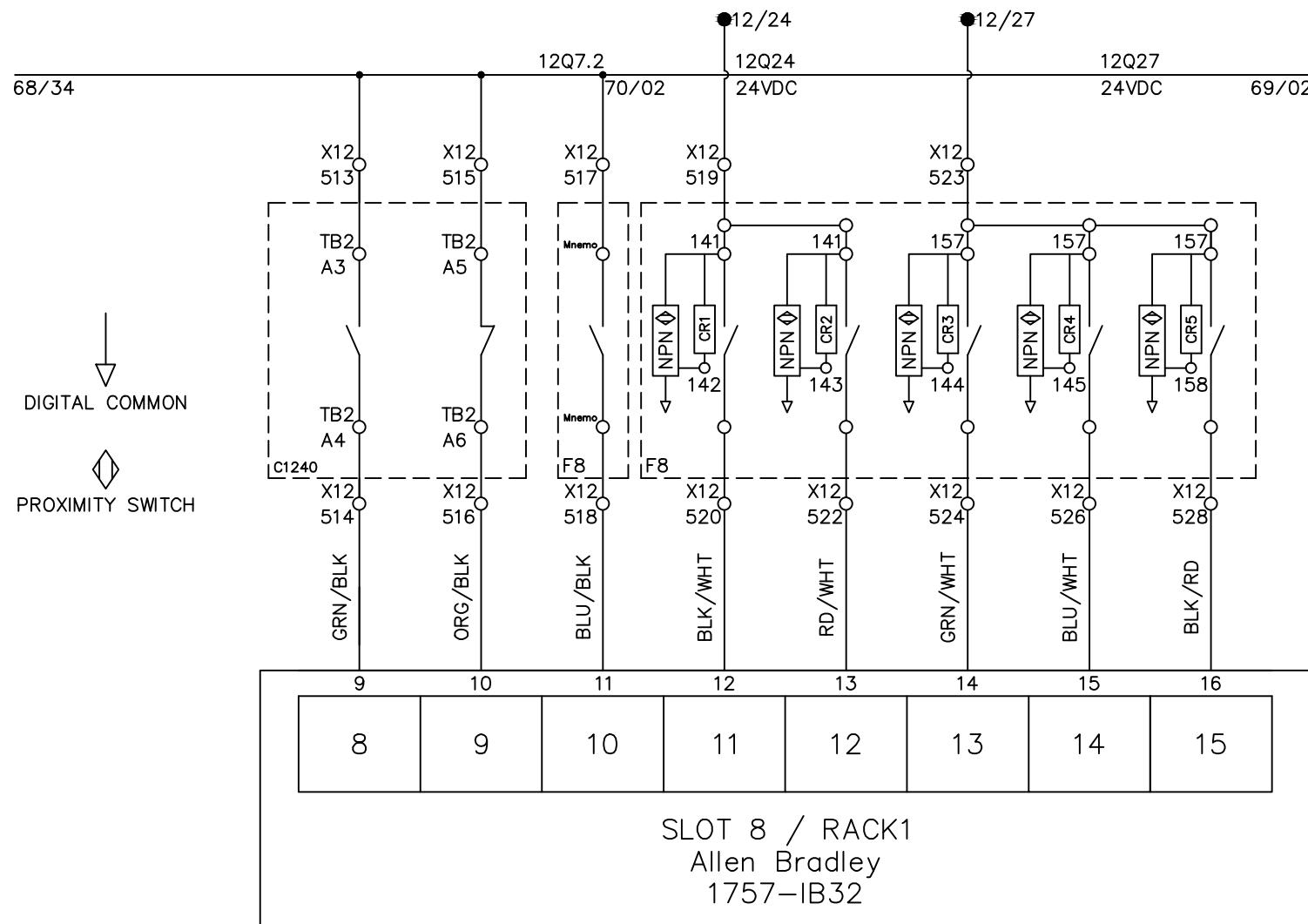
 INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 32 P.L.C. DIGITAL INPUT

DRAWN BY	Rufus Huang				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #		68		
							Total				
CHECKED BY	JERRY WU	1	Add Terminal Number	Charlie Z.	06/06/19	DRAWING NO.			MATERIAL		
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

MELT LINE AGGREGAT DEFECT HIGH LEVEL	MELT LINE AGGREGAT DEFECT LOW LEVEL	FEEDING PUMP START ORDER	RECEIVER #1 LOADER FULL	RECEIVER #2 LOADER FULL	RECEIVER #3 LOADER FULL	RECEIVER #4 LOADER FULL	RECEIVER #5 LOADER FULL
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|81\_8 |81\_9 |81\_A |81\_B |81\_C |81\_D |81\_E |81\_F  
W[4941].D

File Name : P69 slot 8 Allen Bradley 1756-IB32 rack1-2.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



INTEPLAST GROUP, Ltd.  
AMTOPP DIVI. M/E DEPT.

## Line4 32 P.L.C. DIGITAL INPUT

				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	69
				Total			
1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL	
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE

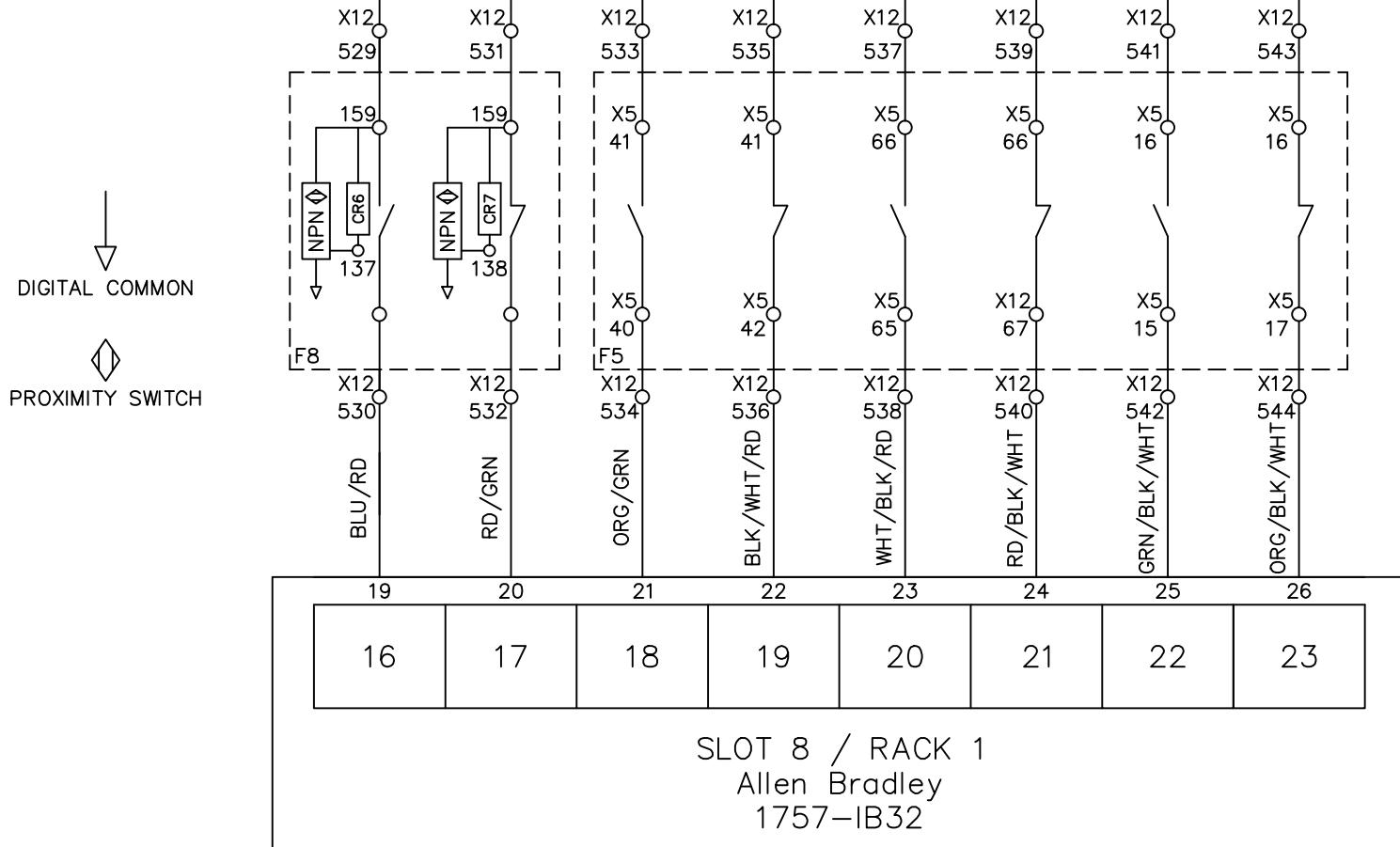
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

MIXER FULL	MIXER EMPTY	MOTOR RUNNING	MOTOR DEFECT	MOTOR RUNNING	MOTOR DEFECT	MOTOR RUNNING	MOTOR DEFECT
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M1106-01 M1106-01 M1106-02 M1106-02 M1112-01 M1112-01

CONAIR  
BLENOER

12Q7.2  
69/34 24VDC



SLOT 8 / RACK 1  
Allen Bradley  
1757-IB32

191\_0 191\_1 191\_2 191\_3 191\_4 191\_5 191\_6 191\_7

W[7621].7

File Name : P70 slot 8 Allen Bradley 1756-IB32 rack1-3.dwg

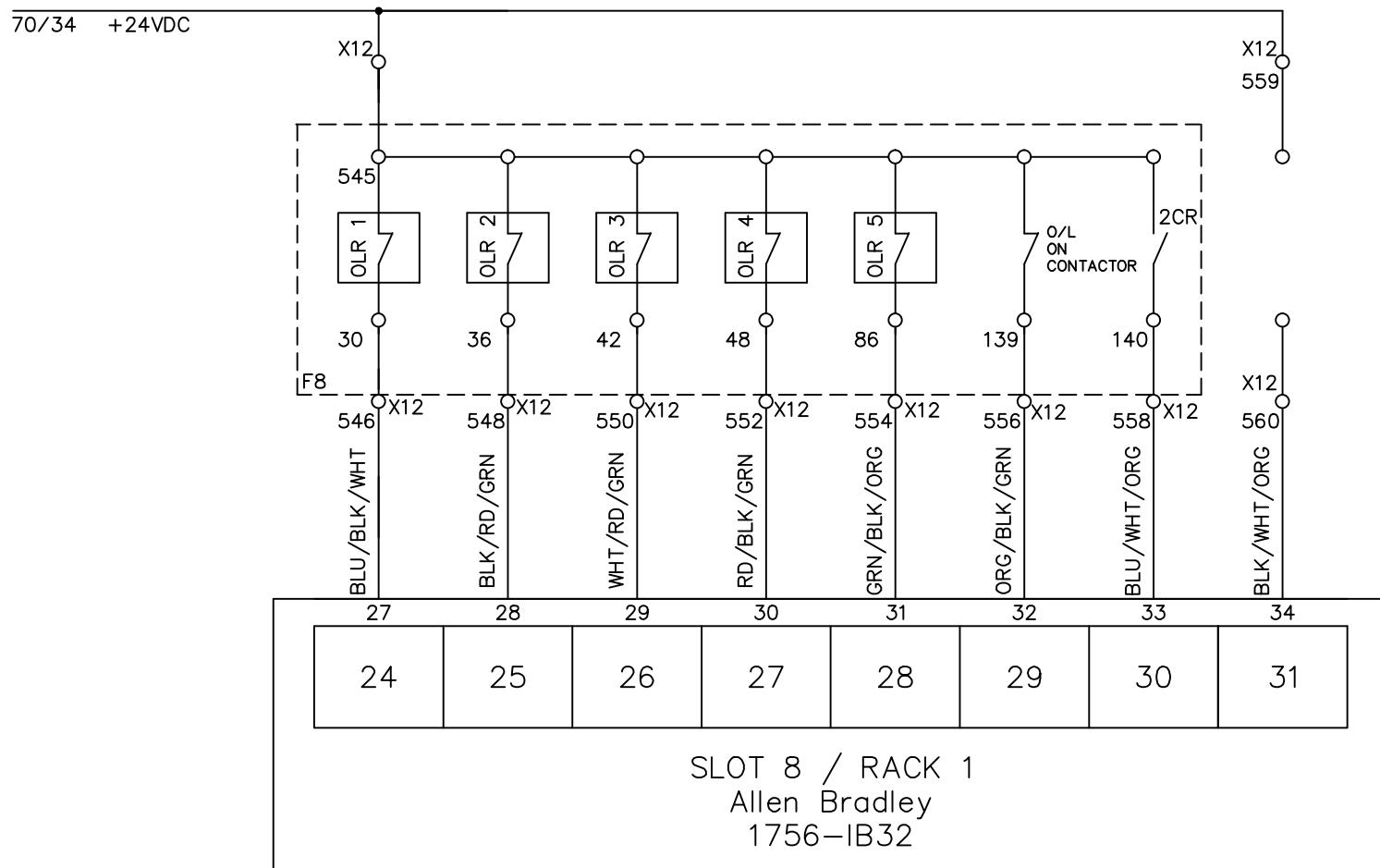
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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

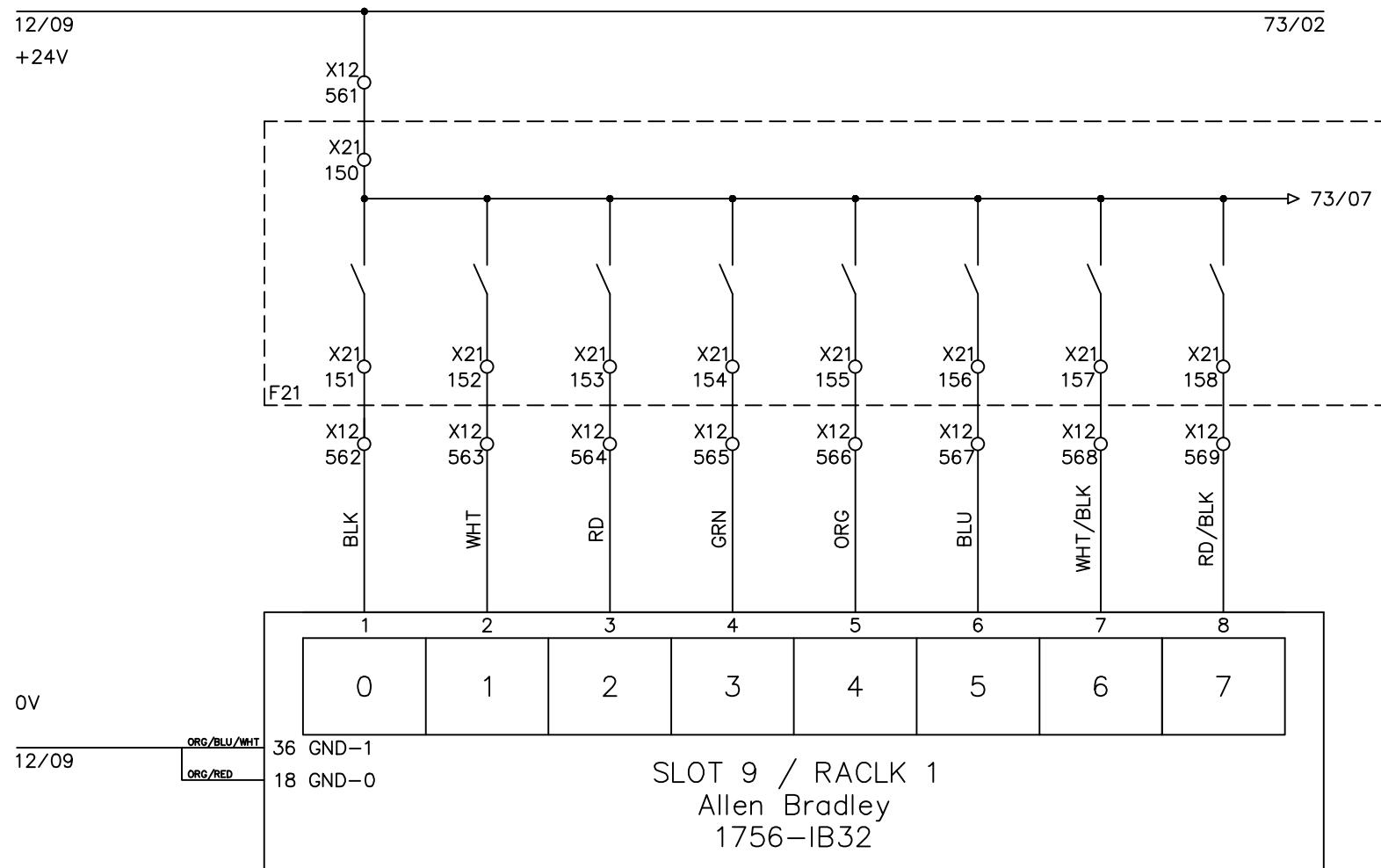
## Line4 32 P.L.C. DIGITAL INPUT

				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1,5	Page #	70
					Total		
1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL	
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE



File Name : P71 slot 8 Allen Bradley 1756-IB32 rack1-4.dwg

	HEATER ZONE 1 EXT.1	HEATER ZONE 2 EXT.1	HEATER ZONE 3 EXT.1	HEATER ZONE 4 EXT.1	COOLING PUMP EXT.1	MIXING SCREW	ROTARY ARM	HEATER ZONE 1 EXT.2	
	M1200-01	M1200-02	M1200-03	M1200-04	M1200-05	M1114-01	M1114-02	M1200-06	



|82\_0 |82\_1 |82\_2 |82\_3 |82\_4 |82\_5 |82\_6 |82\_7  
W[501].4 W[501].5 W[501].6 W[501].7 W[501].C W[505].5 W[505].6 W[502].8

File Name : P72 slot 9 Allen Bradley 1756-IB32 rack1-1.dwg

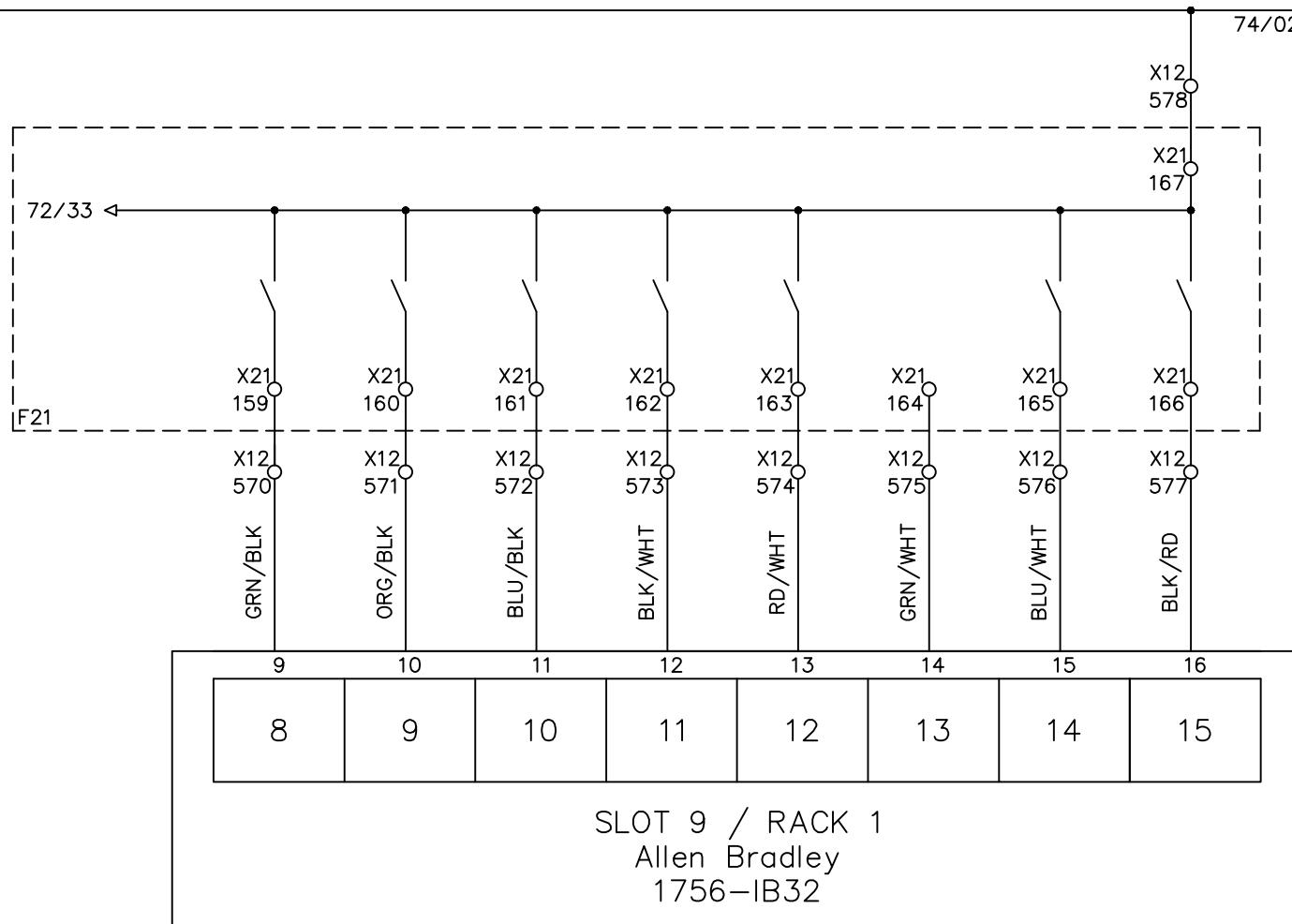
00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39		
	INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.																				DRAWING DESCRIPTION		KFQ23 F12 X12 DOOR 5		Page #		72														
DRAWN BY	Rufus Huang																				Total																				
CHECKED BY	JERRY WU																				MATERIAL																				
		Line4 32 P.L.C. DIGITAL INPUT																				REV. NO		REV. DESCRIPTION		REV. BY:		REV. DATE		DRAWN DATE:		05-01-2018		SCALE		NONE		UNIT		MM	

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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	HEATER ZONE 2 EXT.2	HEATER ZONE 3 EXT.2	HEATER ZONE 4 EXT.2	COOLING PUMP EXT.2	VACUUM PUMP	FREE	MELT LINE 1 ZONE 1	MELT LINE 1 ZONE 2
	M1200-07	M1200-08	M1200-09	M1200-11	M1107-01		M1200-12	M1200-13

72/34

74/02



I82\_8 I82\_9 I82\_A I82\_B I82\_C I82\_D I82\_E I82\_F  
W[502].8 W[502].A W[502].B W[503].0 W[515].B W[501].E W[501].F

File Name : P73 slot 9 Allen Bradley 1756-IB32 rack1-2.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 32 P.L.C. DIGITAL INPUT

DRAWN BY Rufus Huang

CHECKED BY JERRY WU

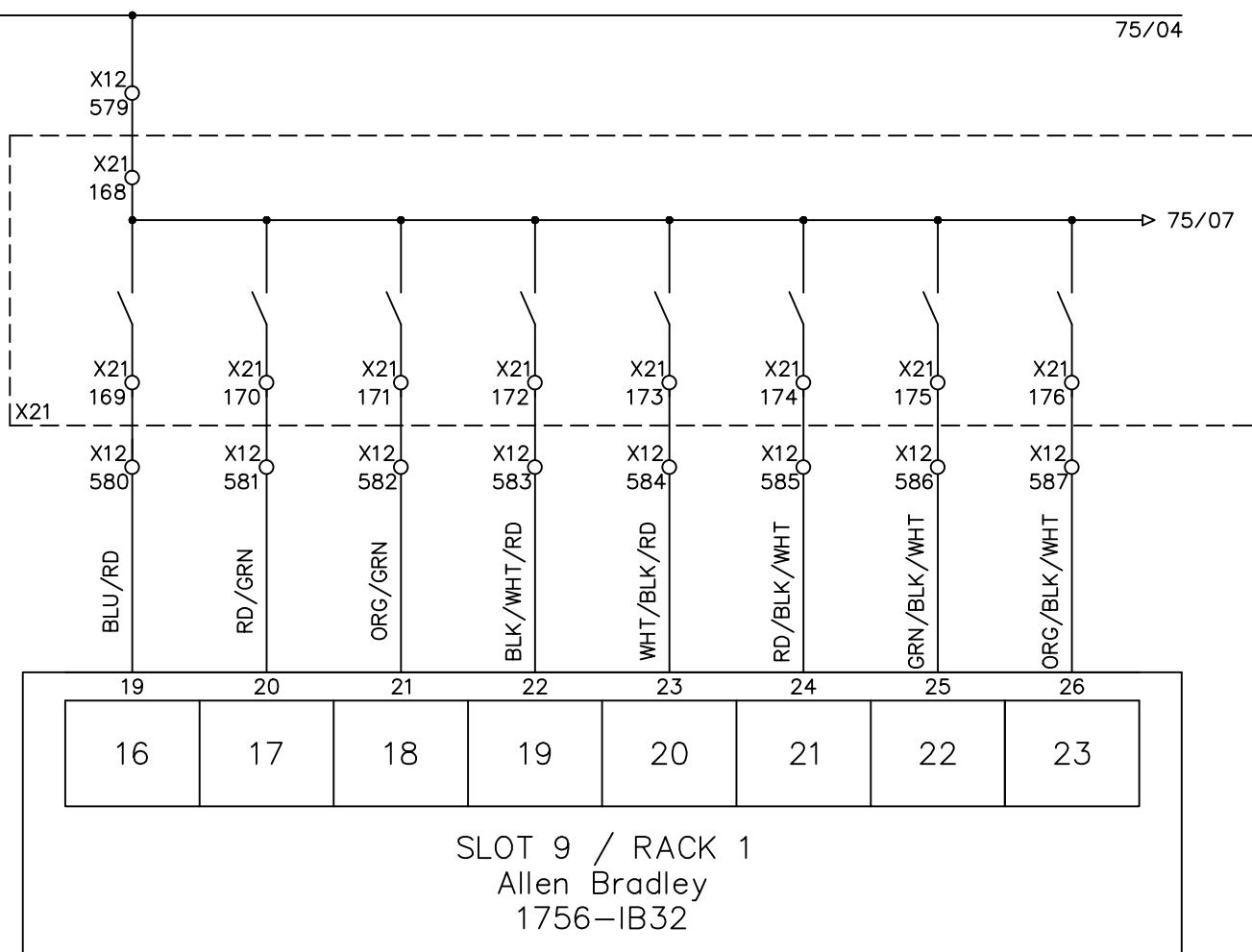
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	KF023 F12 X12 DOOR 5	Page #	73
						Total	MM
1	Add Terminal Number	Charlie Z.	05/23/19				

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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MELT LINE 1 ZONE 3	MELT LINE 1 ZONE 4	FREE	FREE	MOTOR CHANCE FILTER EXT.1	FILTER ZONE 1	FILTER ZONE 2	FILTER ZONE 3
H1200-14	H1200-15			M1230-01	M1230-02	M1230-03	M1230-04

73/34

75/04



I92_0	I92_1	I92_2	I92_3	I92_4	I92_5	I92_6	I92_7
W[502].0	W[502].1			W[507].2	W[501].9	W[501].A	W[501].B

File Name : P74 slot 9 Allen Bradley 1756-IB32 rack1-3.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 32 P.L.C. DIGITAL INPUT

DRAWN BY Rufus Huang

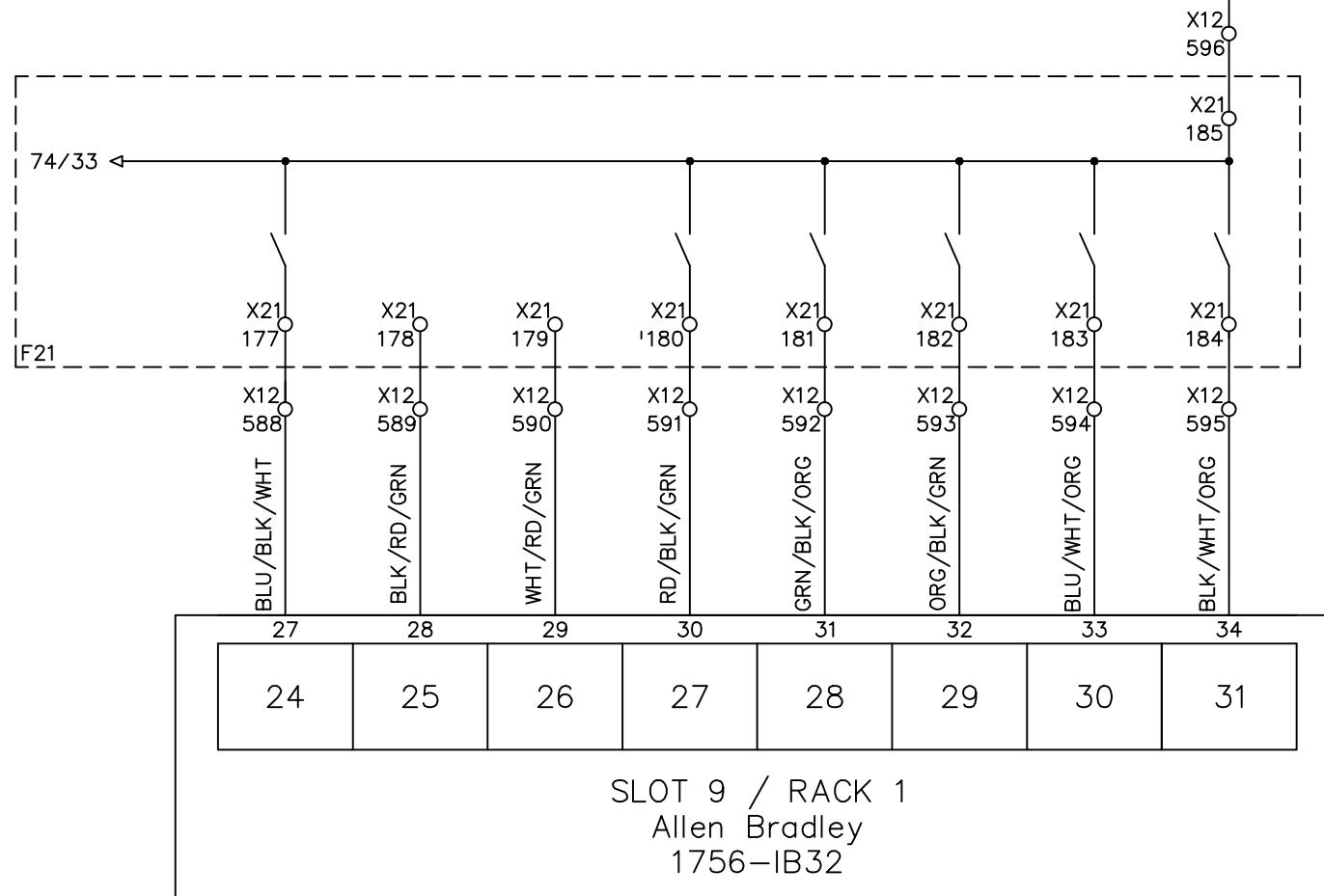
CHECKED BY JERRY WU

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWING NO.	DRAWING DESCRIPTION	KF023_E12_X12 DOOR 5	Page #	74
						Total		
1	Add Terminal Number	Charlie Z.	05/23/19					
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT MM

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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	ADAPTER	FREE	FREE	MOTOR CHANGE FILTER EXT.2	FILTER ZONE 1	FILTER ZONE 2	FILTER ZONE 3	ADAPTER
	H1230-05			M1231-02	H1231-02	H1231-03	H1231-04	H1231-05

74/34



I92_8	I92_9	I92_A	I92_B	I92_C	I92_D	I92_E	I92_F
W[501].8			W[507].3	W[502].D	W[502].E	W[502].F	W[502].C

File Name : P75 slot 9 Allen Bradley 1756-IB32 rack1-4.dwg

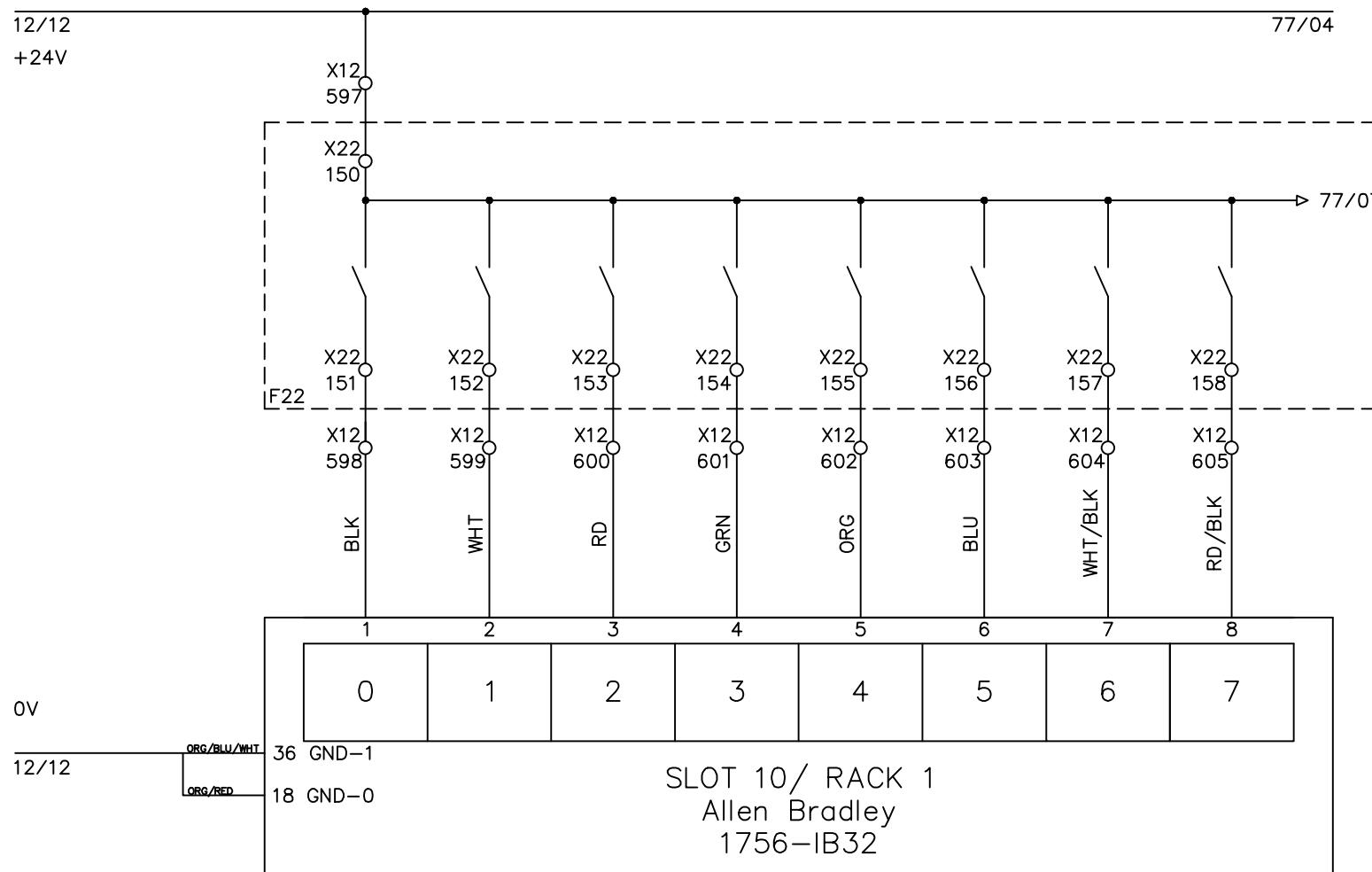
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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 32 P.L.C. DIGITAL INPUT

DRAWN BY	Rufus Huang					DRAWING DESCRIPTION	KF023 E12 X12 DOOR 5	Page #		75	
								Total		MATERIAL	
CHECKED BY	JERRY WU	1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.				SCALE	NONE
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018			UNIT	MM

	SAT.EXT.1 HEATER ZONE 1	SAT.EXT.1 HEATER ZONE 2	SAT.EXT.1 HEATER ZONE 3	SAT.EXT.1 HEATER ZONE 4	SAT.EXT.1 HEATER ZONE 5	SAT.EXT.1 HEATER ZONE 6	SAT.EXT.1 HEATER ZONE 7	ADAPT.SAT. EXT.1
	H1210-01	H1210-02	H1210-03	H1210-04	H1210-05	H1210-06	H1210-07	H1210-29

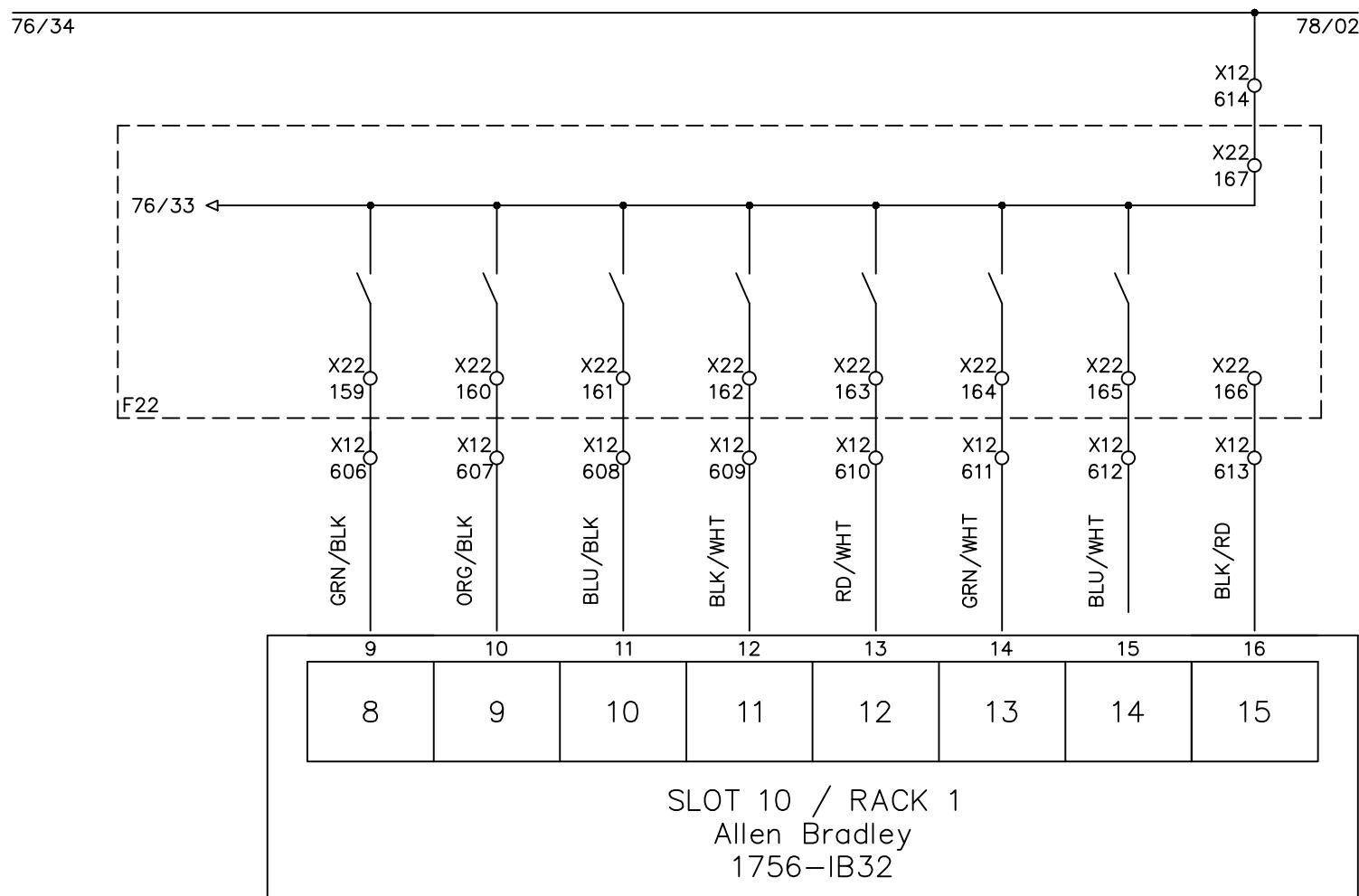


|83\_0 |83\_1 |83\_2 |83\_3 |83\_4 |83\_5 |83\_6 |83\_7  
w[500].0 w[500].1 w[500].2 w[500].3 w[500].4 w[500].5 w[500].6 w[500].7

File Name : P76 slot 10 Allen Bradley 1756-IB32 rack1-1.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

COOLING FAN ZONE 1	COOLING FAN ZONE 2	COOLING FAN ZONE 3	COOLING FAN ZONE 4	COOLING FAN ZONE 5	COOLING FAN ZONE 6	COOLING FAN ZONE 7	FREE
M1210_08	M1210_09	M1210_10	M1210_11	M1210_12	M1210_13	M1210_17	M1210_14



I83\_8 I83\_9 I83\_A I83\_B I83\_C I83\_D I83\_E I83\_F  
W[508].0 W[508].1 W[508].2 W[508].3 W[508].4 W[508].5 W[508].6

File Name : P77 slot 10 Allen Bradley 1756-IB32 rack1-2.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



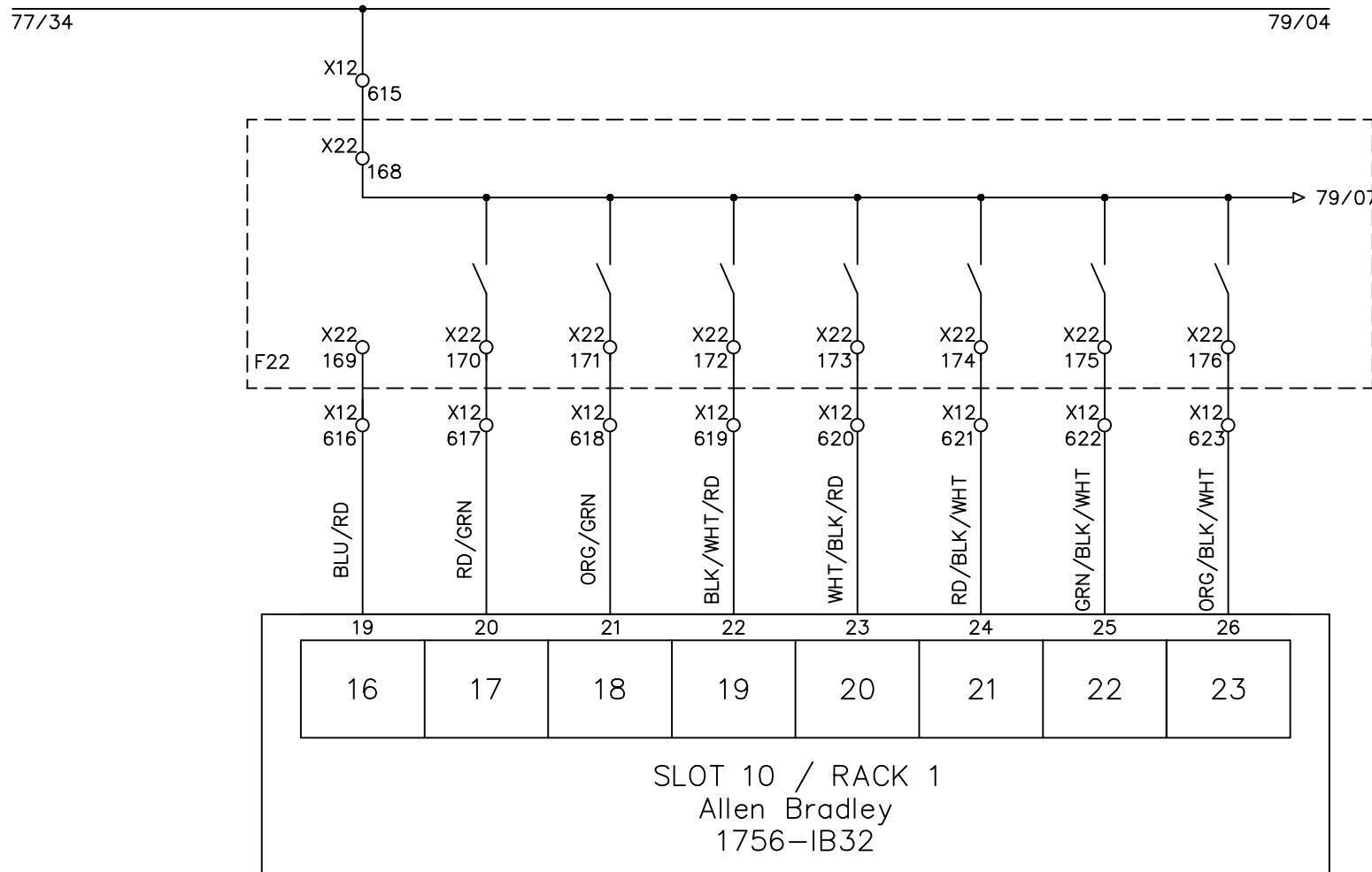
INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

## Line4 32 P.L.C. DIGITAL INPUT

				DRAWING DESCRIPTION	KF023 E12 X12 DOOR 5	Page #		77	
					Total				
1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL			
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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FREE	SAT.EXT.2 HEATER ZONE 1	SAT.EXT.2 HEATER ZONE 2	SAT.EXT.2 HEATER ZONE 3	SAT.EXT.2 HEATER ZONE 4	SAT.EXT.2 HEATER ZONE 5	SAT.EXT.2 HEATER ZONE 6	SAT.EXT.2 HEATER ZONE 7
	H1210-15	H1210-16	H1210-17	H1210-18	H1210-19	H1210-20	H1210-21



193_0	193_1	193_2	193_3	193_4	193_5	193_6	193_7
W[500].A	W[500].B	W[500].C	W[500].D	W[500].E	W[500].F	W[501].0	

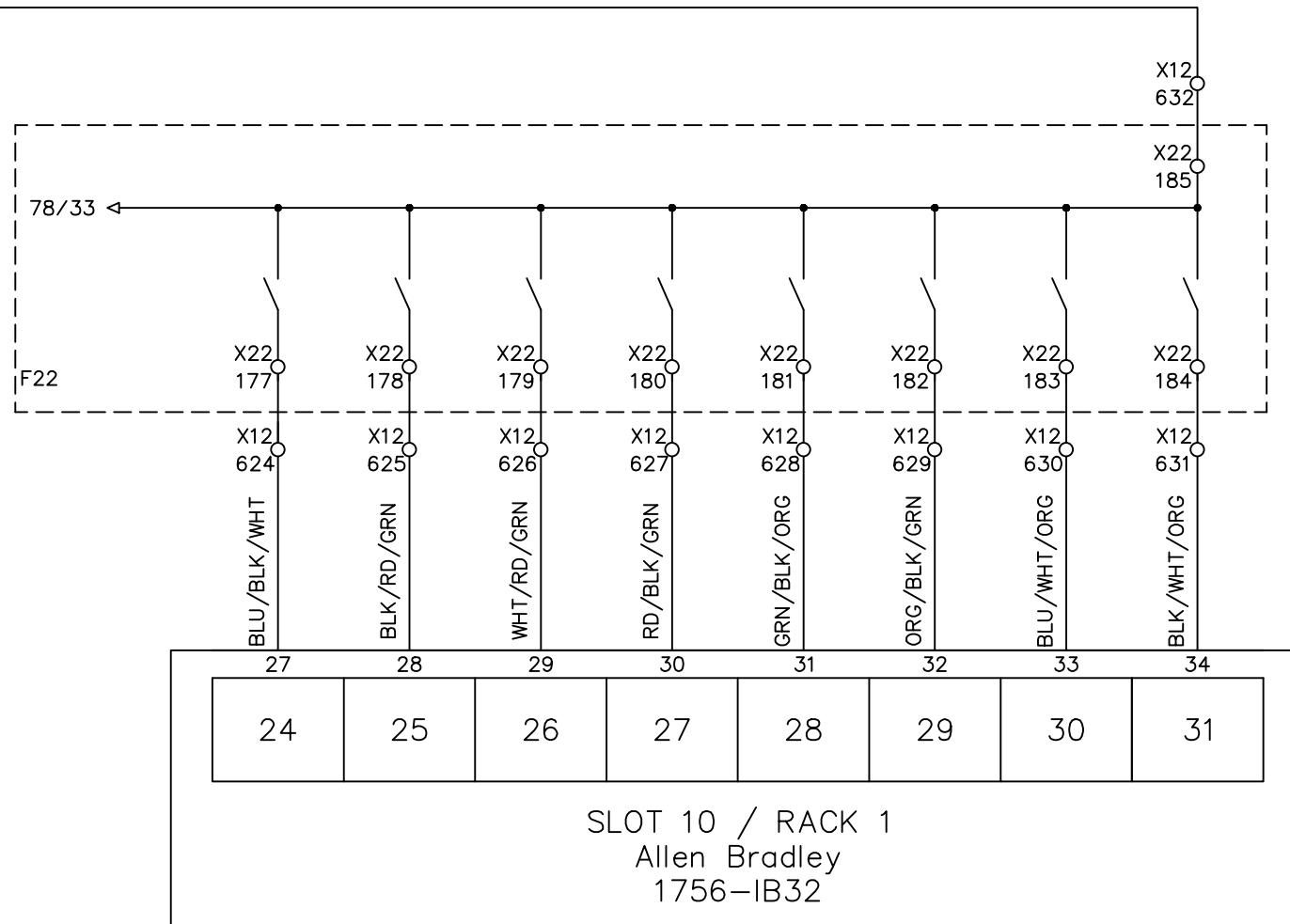
File Name : P78 slot 10 Allen Bradley 1756-IB32 rack1-3.dwg

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DRAWN BY	Rufus Huang	Line4 32 P.L.C. DIGITAL INPUT			DRAWING DESCRIPTION	KF023 E12 X12 DOOR 6	Page #	78
							Total	
CHECKED BY	JERRY WU							
		1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE NONE UNIT MM

	ADAPT. SAT.EXT.2	COOLING FAN ZONE 1	COOLING FAN ZONE 2	COOLING FAN ZONE 3	COOLING FAN ZONE 4	COOLING FAN ZONE 5	COOLING FAN ZONE 6	COOLING FAN ZONE 7	
	H1210-30	M1210-22	M1210-23	M1210-24	M1210-25	M1210-26	M1210-27	M1210-28	

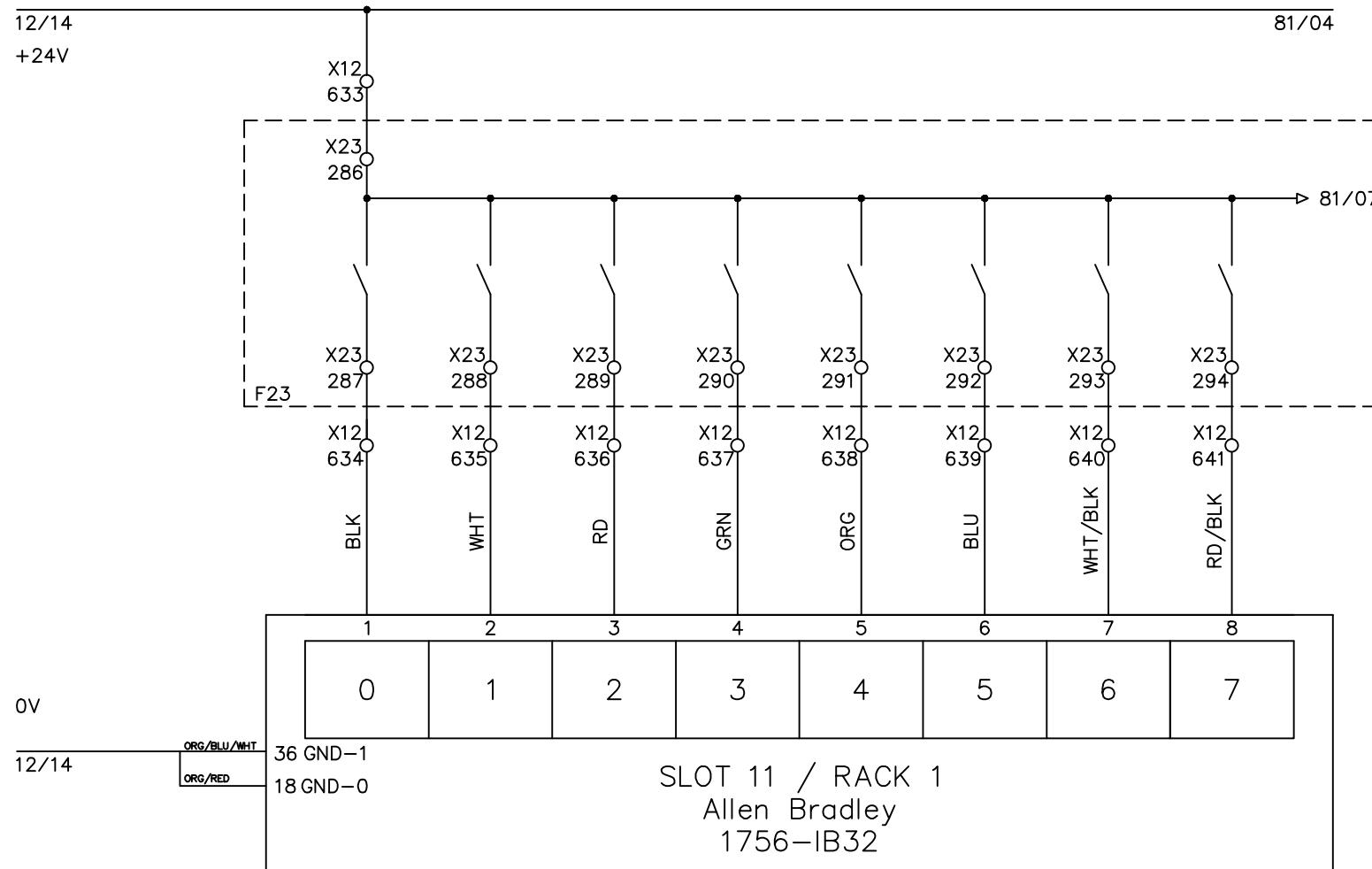
78/34



193\_8 193\_9 193\_A 193\_B 193\_C 193\_D 193\_E 193\_F  
W[501].1 W[508].7 W[508].8 W[508].9 W[508].A W[508].B W[508].C W[508].D

File Name : P79 slot 10 Allen Bradley 1756-IB32 rack1-4.dwg

	HEATING OF DIVERTER	DIE HEATER ZONE 1	DIE HEATER ZONE 2	DIE HEATER ZONE 3	DIE HEATER ZONE 4	DIE HEATER ZONE 5	DIE HEATER ZONE 6	DIE HEATER ZONE 7
	H1250-01	H1260-01	H1260-02	H1260-03	H1260-04	H1260-05	H1260-06	H1260-07



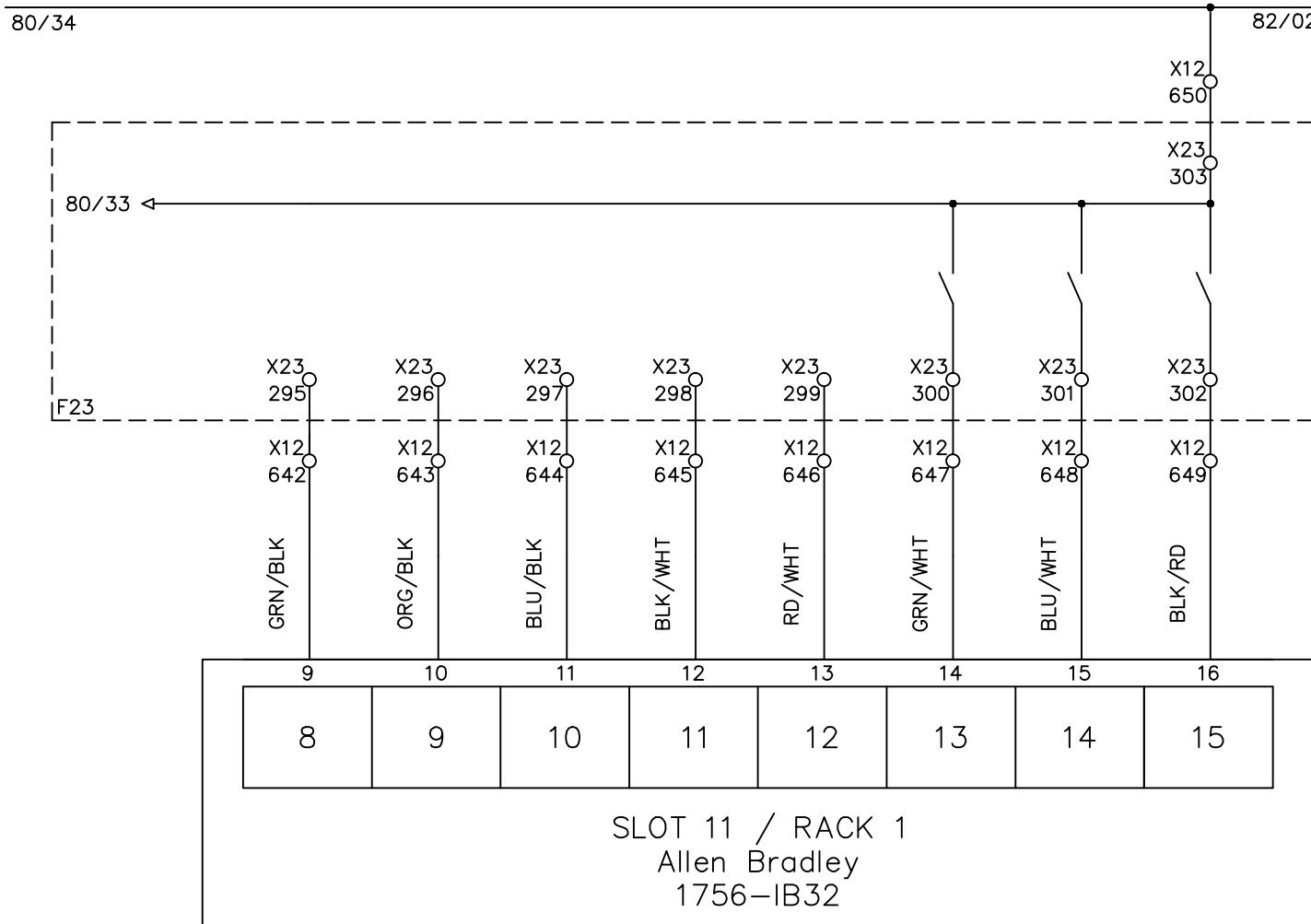
|84\_0 |84\_1 |84\_2 |84\_3 |84\_4 |84\_5 |84\_6 |84\_7  
W[503].3 W[503].5 W[503].6 W[503].7 W[503].8 W[503].9 W[503].A W[503].B

File Name : P80 slot 11 Allen Bradley 1756-IB32 rack1-1.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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MONOLAYER ZONE1	MONOLAYER ZONE2	MONOLAYER ZONE3	FREE	FREE	STATIC MIXER HEATING	STATIC MIXR CONNECTIONS	SAT.1 HEATING FILTER
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M1251-01 M1251-02 M1232-01



184\_8 184\_9 184\_A 184\_B 184\_C 184\_D 184\_E 184\_F  
W[503].2 W[503].1 W[500].8

File Name : P81 slot 11 Allen Bradley 1756-IB32 rack1-2.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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	INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.	Line4 AB 32 P.L.C. DIGITAL INPUT								DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	81
												Total	
DRAWN BY	Rufus Huang												
CHECKED BY	JERRY WU												
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM				

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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SAT.2 HEATING FILTER	HYDRAULIC GROUP	HYDRAULIC GROUP	FREE	HOMOPOLYMER SILO LOW LEVEL	HOMOPOLYMER SILO HIGH LEVEL	RECLAIM MATERIAL LOW LEVEL	RECLAIM MATERIAL HIGH LEVEL
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DRYER

DRYER

M1232-02

M1232-03

M1232-04

LSL1104-01

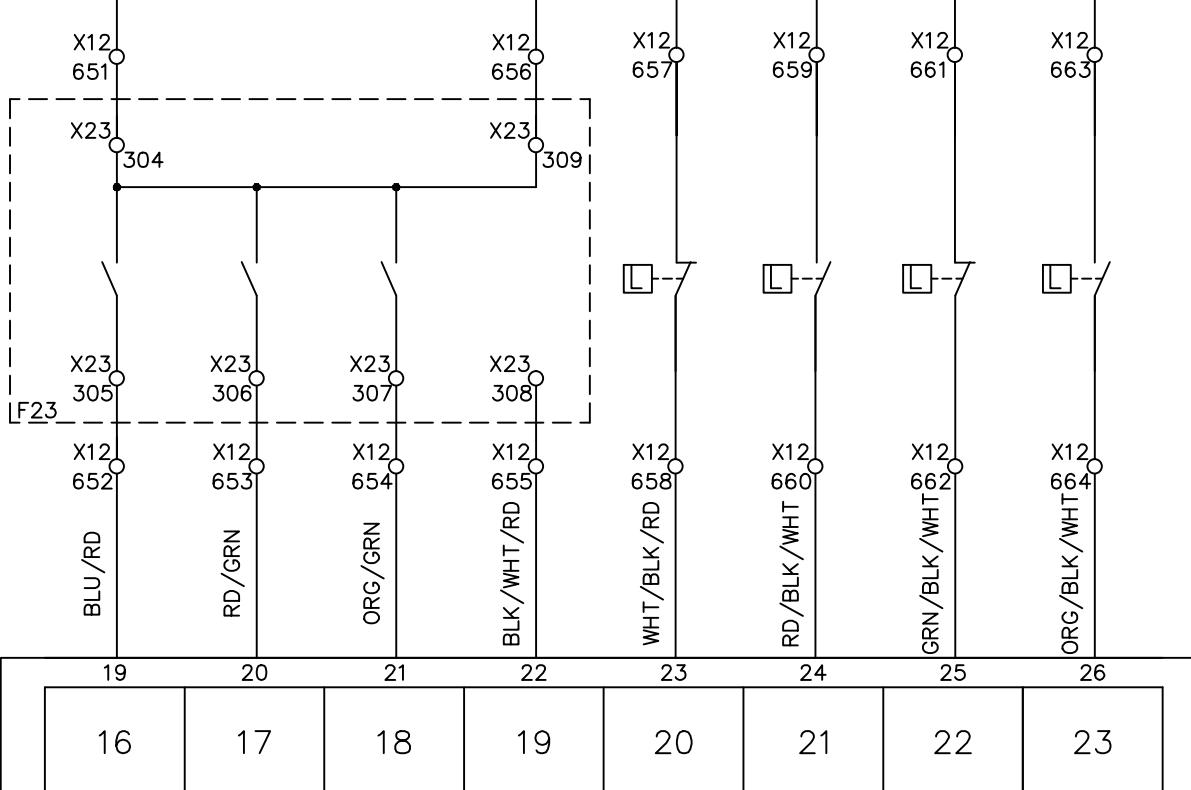
LSL1104-02

LSL1104-03

LSL1104-04

81/34

83/04



SLOT 11 / RACK 1  
Allen Bradley  
1756-IB32

I94_0	I94_1	I94_2	I94_3	I94_4	I94_5	I94_6	I94_7
W[501].2	W[507].0	W[507].1	W[507].2	W[507].3	W[507].4	W[507].5	W[507].6

File Name : P82 slot 11 Allen Bradley 1756-IB32 rack1-3.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 32 P.L.C. DIGITAL INPUT

DRAWING  
DESCRIPTION  
KF023\_E12  
X12 DOOR 6Page #  
82  
Total

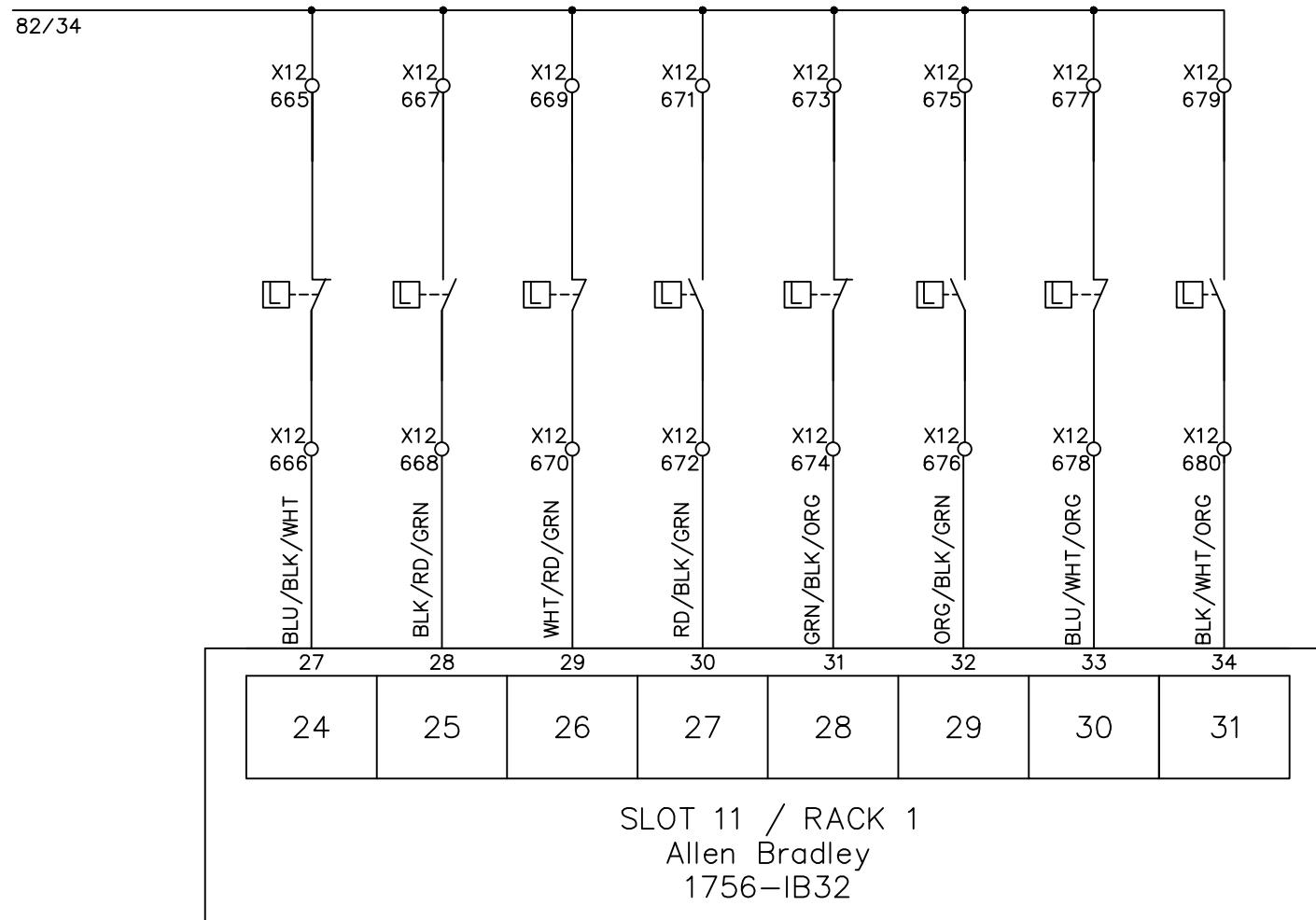
DRAWN BY Rufus Huang

CHECKED BY JERRY WU

1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE
					NONE	UNIT
					MM	

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

COPOLYMER SILO	COPOLYMER SILO	SAT EXT.1 HOPPER	SAT EXT.1 HOPPER	COPOLYMER SILO	COPOLYMER SILO	SAT EXT.2 HOPPER	SAT EXT.2 HOPPER
LSH1123-01	LSH1123-02	LSL1124-01	LSH1124-02	LSH1123-03	LSH1123-02	LSL1124-03	LSH1124-04



194\_8 194\_9 194\_A 194\_B 194\_C 194\_D 194\_E 194\_F

W[4943].E W[4943].D

File Name : P83 slot 11 Allen Bradley 1756-IB32 rack1-4.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



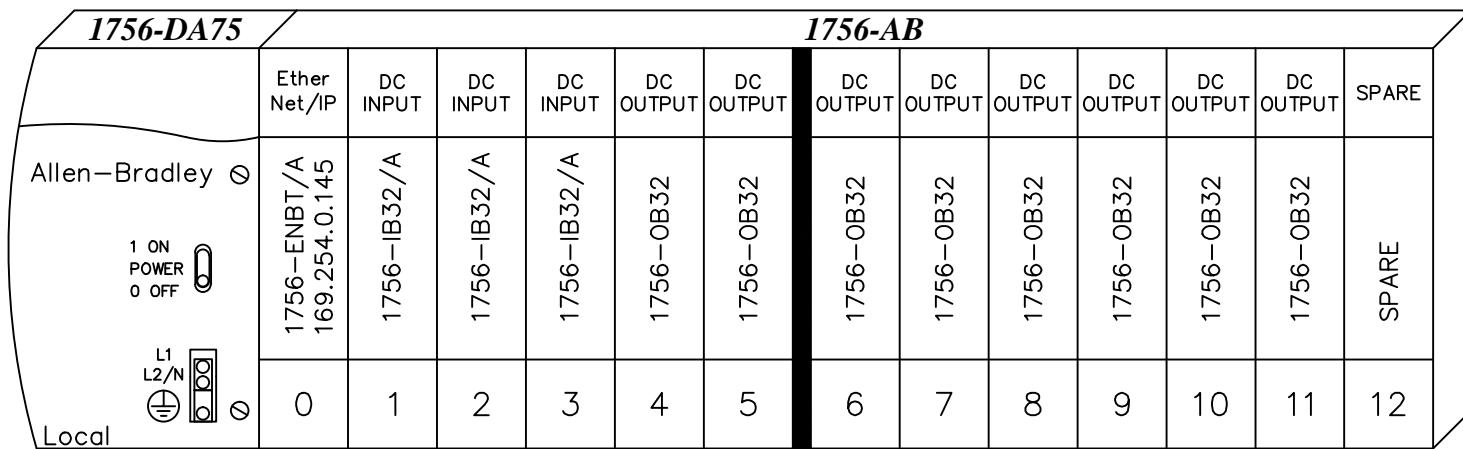
INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

## Line4 32 P.L.C. DIGITAL INPUT

				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	83		
					Total				
1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL			
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
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## RACK 2



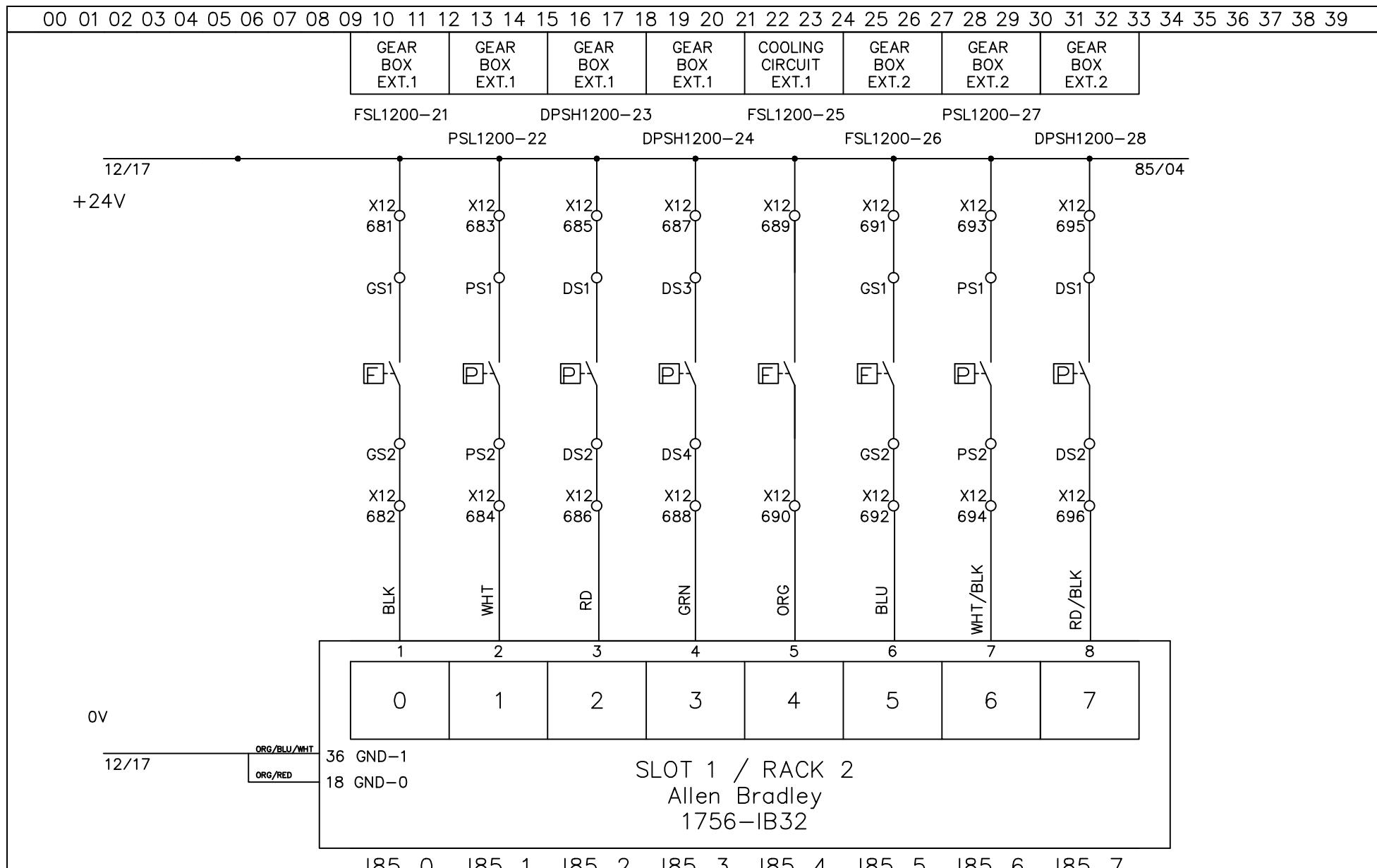
REMOTE I/O

File Name : P83-84 Rack2.dwg

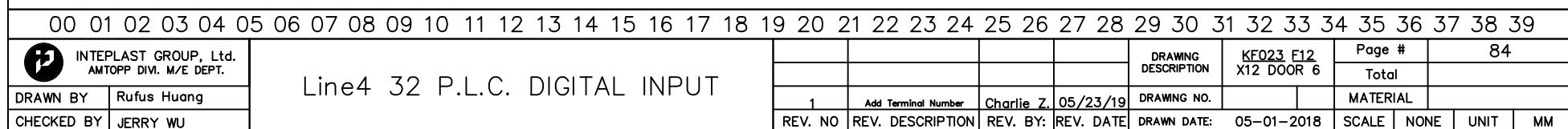
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	INTEPLAST GROUP, Ltd.	AMTOPP DIV. M/E DEPT.																							DRAWING DESCRIPTION	KF023	Page #	83-84					
DRAWN BY	Charlie Zhang																								F12	Total							
CHECKED BY	JERRY WU																								DRAWING NO.		MATERIAL						

Line4 RACK 2, 1756-A13  
13-SLOT CONTROL LOGIX CHASSIS

REV. NO REV. DESCRIPTION REV. BY: REV. DATE DRAWN DATE: 05-01-2018 SCALE NONE UNIT MM



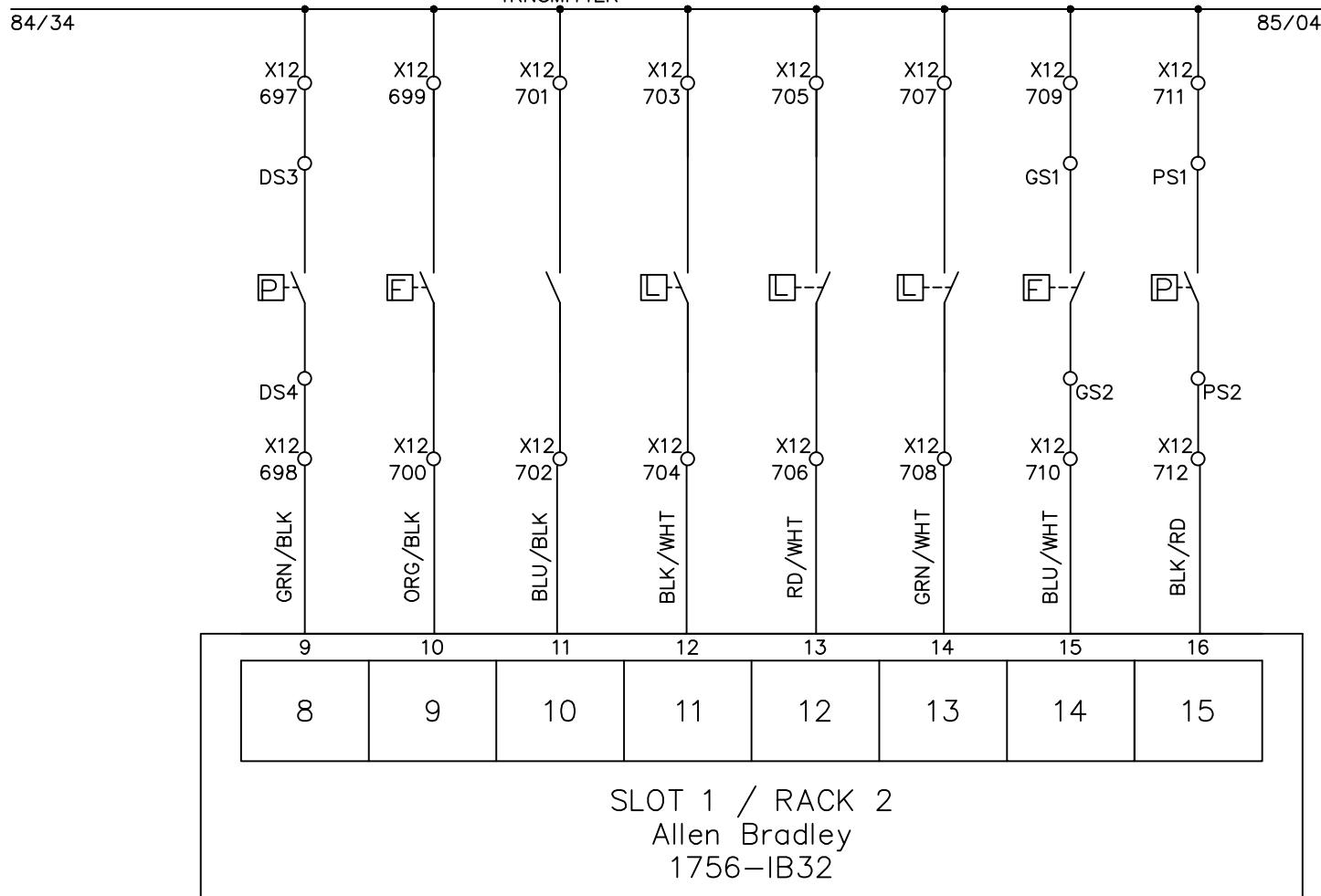
File Name : P84 slot 1 Allen Bradley 1756-IB32 rack2-1.dwg



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	GEAR BOX EXT.1	COOLING CIRCUIT EXT.2	MELT LINE AGGREGAT	ADDDITIVE	HOMO	RECLAIM	SAT. EXT.1	SAT. EXT.1
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DPSH1200 -29	FSL1200 -30	FSL1240-10 FROM TRNSMITTER	LAL1112.01	LAL1106.01	LAL1106.02	FSL1210 -35	PSL1210 -36
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185\_8    185\_9    185\_A    185\_B    185\_C    185\_D    185\_E    185\_F

W[4946].6    W[4946].5

File Name : P85 slot 1 Allen Bradley 1756-IB32 rack2-2.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 32 P.L.C. DIGITAL INPUT

DRAWING  
DESCRIPTION  
KF023\_E12  
X12 DOOR 6

Page #  
85  
Total

DRAWN BY Rufus Huang

CHECKED BY JERRY WU

1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE
					NONE	UNIT
					MM	

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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	GEARBOX SAT EXT.1	GEARBOX SAT EXT.1	GEARBOX SAT EXT.2	GEARBOX SAT EXT.2	GEARBOX SAT EXT.2	GEARBOX SAT EXT.2	FREE	FEEDING VALVE OPEN
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DPS1210-37

FSL1210-39

DPS1210-41

ZS01114-02

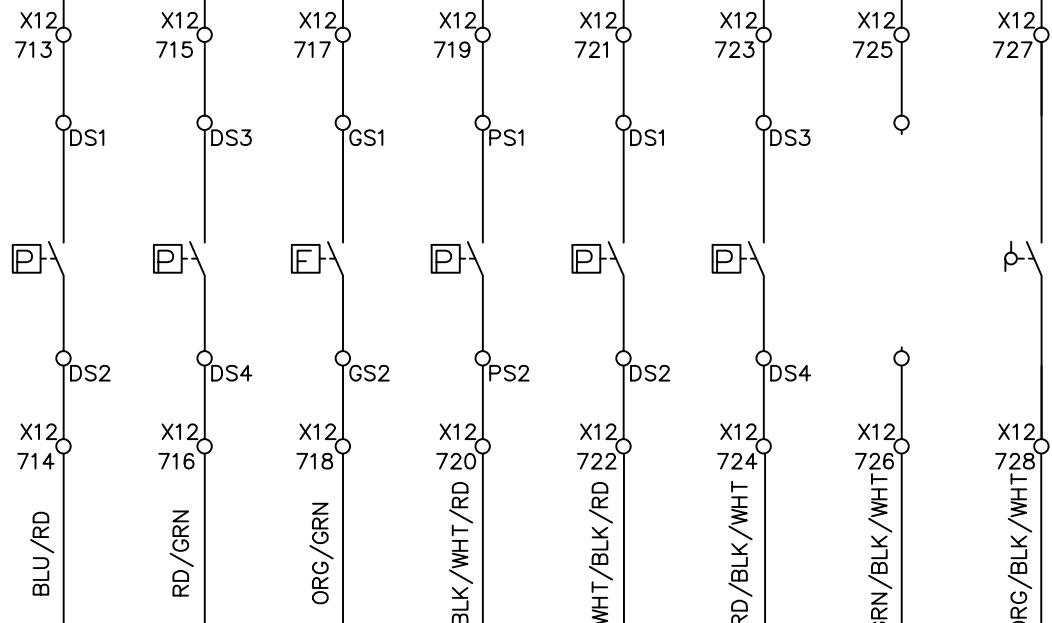
DPS1210-38

PSL1210-40

DPS1210-42

85/34

87/02



19	20	21	22	23	24	25	26
16	17	18	19	20	21	22	23

SLOT 1 / RACK 2  
Allen Bradley  
1756-IB32

I95\_0 I95\_1 I95\_2 I95\_3 I95\_4 I95\_5 I95\_6 I95\_7  
W[4943].B

File Name : P86 slot 1 Allen Bradley 1756-IB32 rack2-3.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

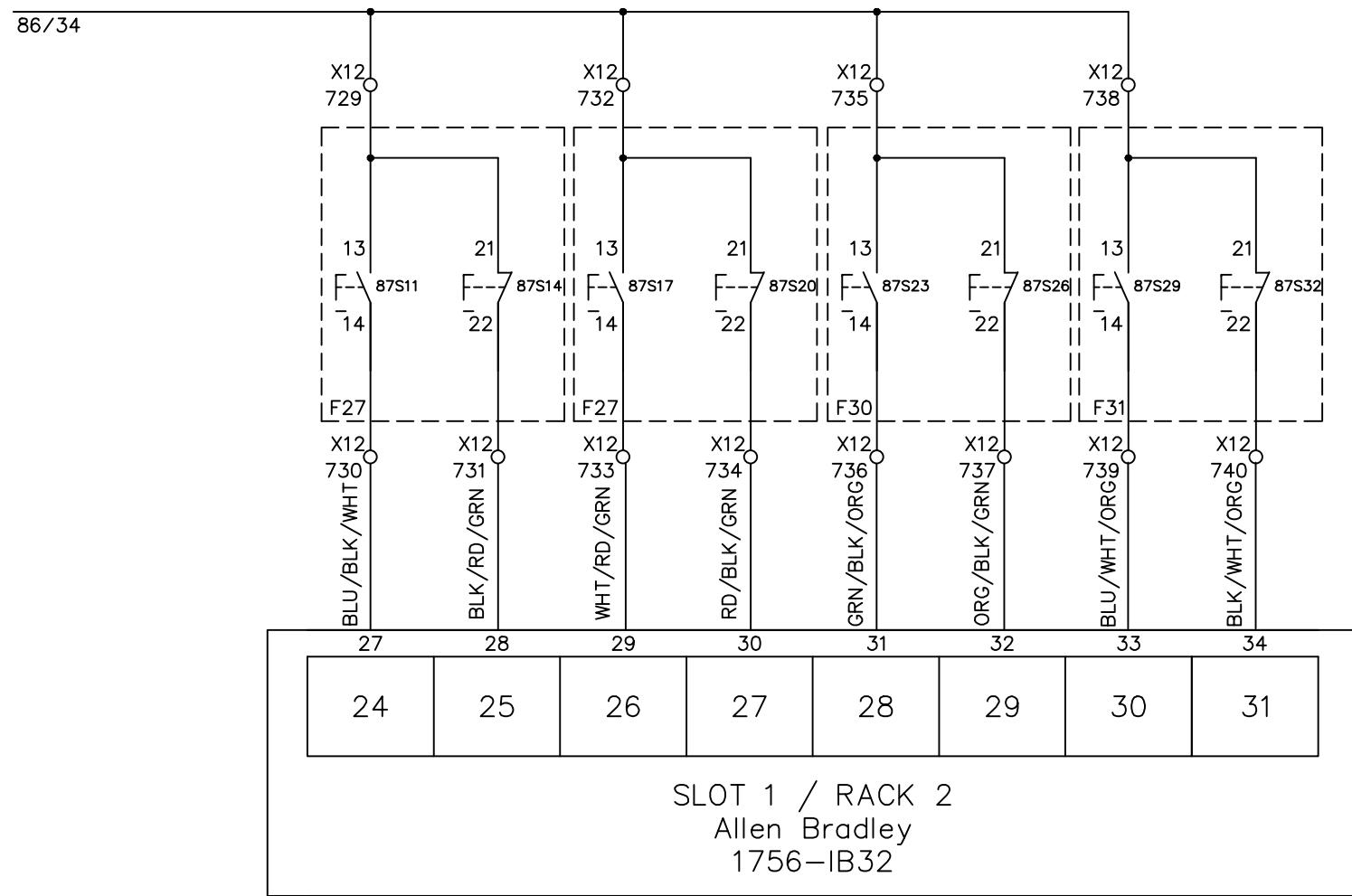
Line4 32 P.L.C. DIGITAL INPUT

			DRAWING DESCRIPTION	KF023_E12 X12 DOOR 6	Page #	86
					Total	

1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.		MATERIAL			
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM

DRAWN BY Rufus Huang

CHECKED BY JERRY WU



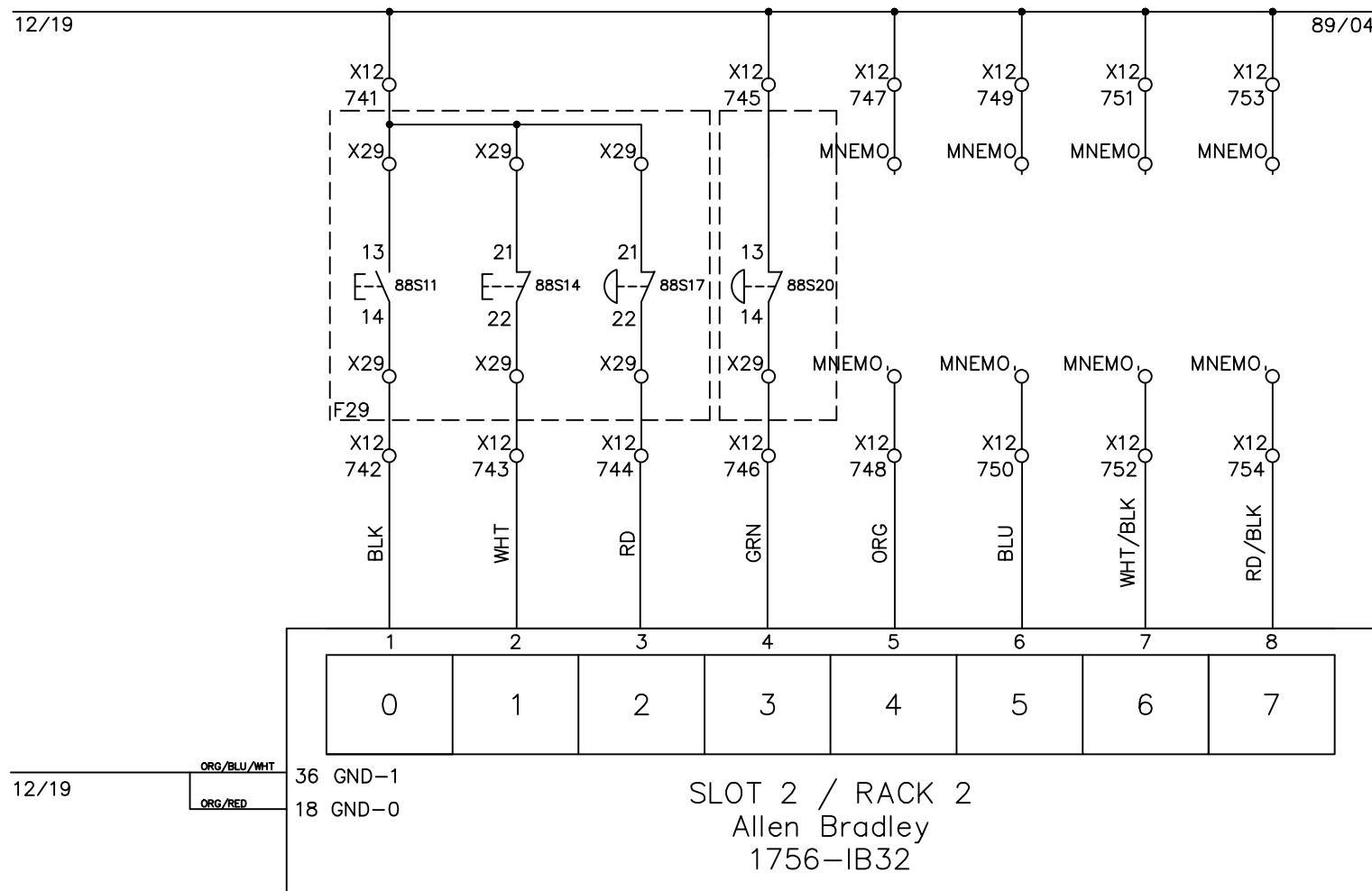
SLOT 1 / RACK 2  
Allen Bradley  
1756-IB32

|95\_8 |95\_9 |95\_A |95\_B |95\_C |95\_D |95\_E |95\_F

File Name : P87 slot 1 Allen Bradley 1756-IB32 rack2-4.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

FEEDING VALVE OPEN	FEEDING VALVE CLOSE	4 EXTRUDER STOP	MELT LINE AGGREGAT STOP	FREE	FREE	FREE	FREE
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File Name : P88 slot 2 Allen Bradley 1756-IB32 rack2-1.dwg

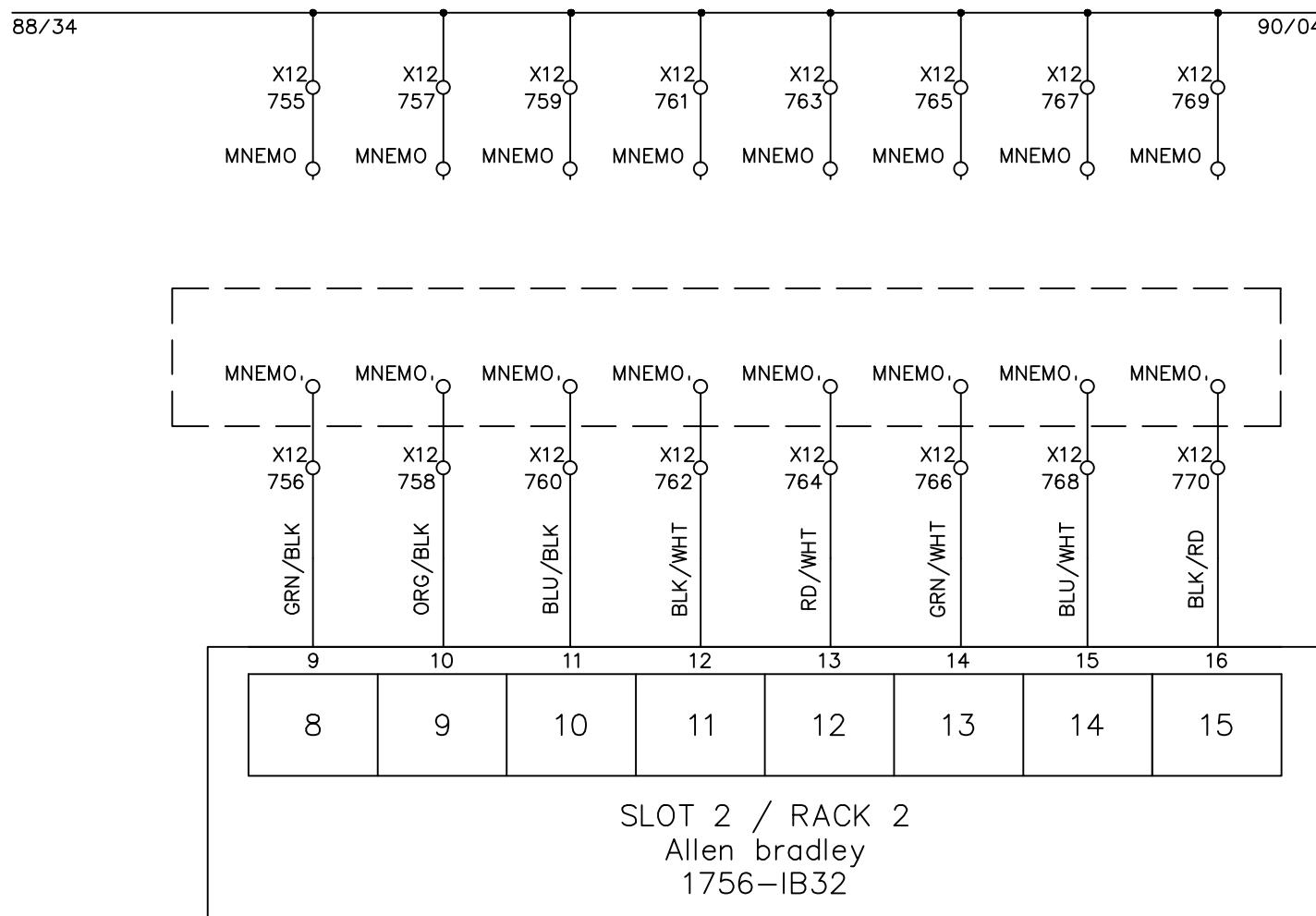
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



INTEPLAST GROUP, Ltd.  
AMTOPP DIVI. M/E DEPT.

## Line4 32 P.L.C. DIGITAL INPUT

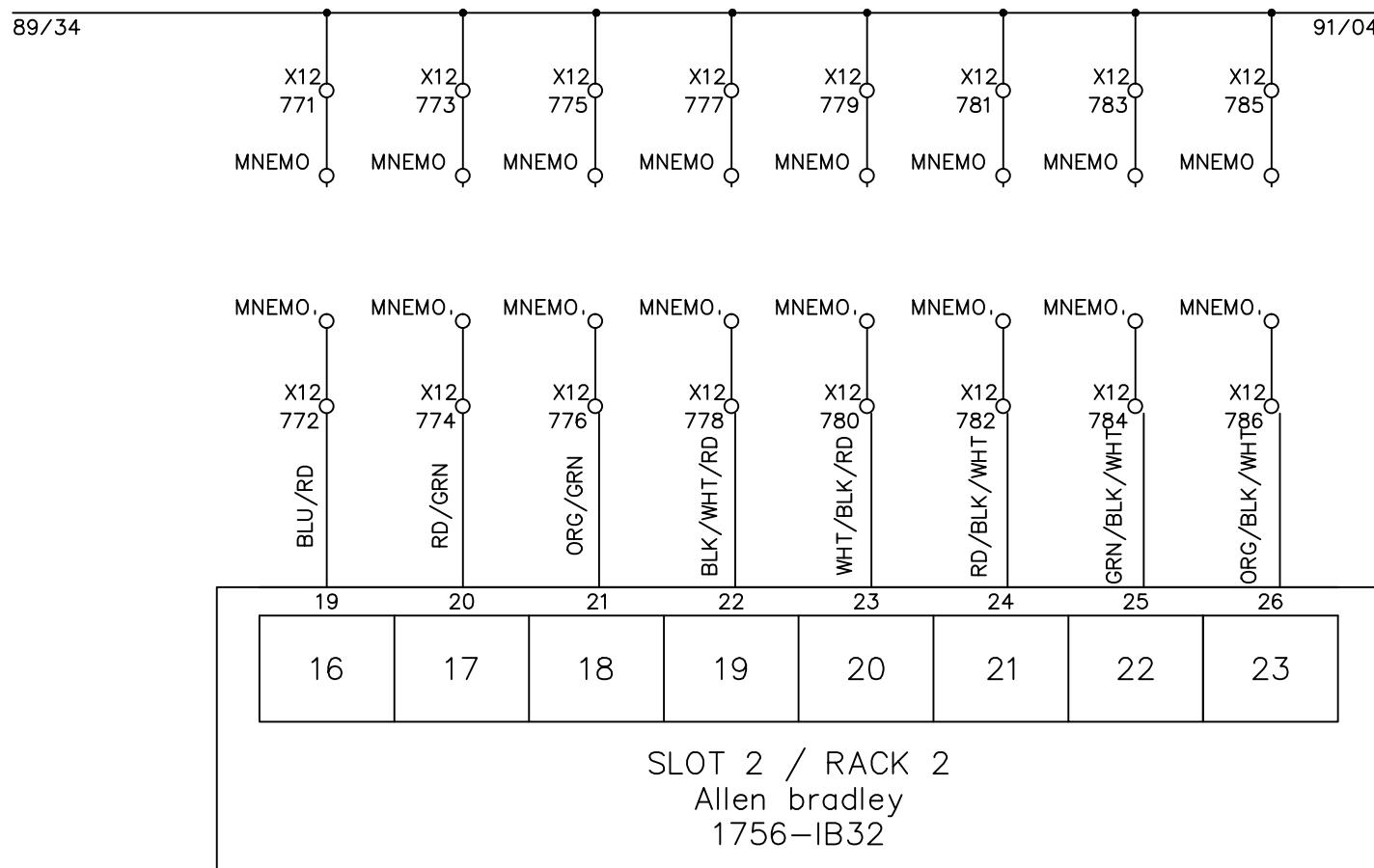
				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6		Page #		88			
						Total						
1	Add Termind Number	Charlie Z.	05/23/19	DRAWING NO.			MATERIAL					
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM			



|86\_8 |86\_9 |86\_A |86\_B |86\_C |86\_D |86\_E |86\_F

SLOT 2 / RACK 2  
Allen bradley  
1756-IB32

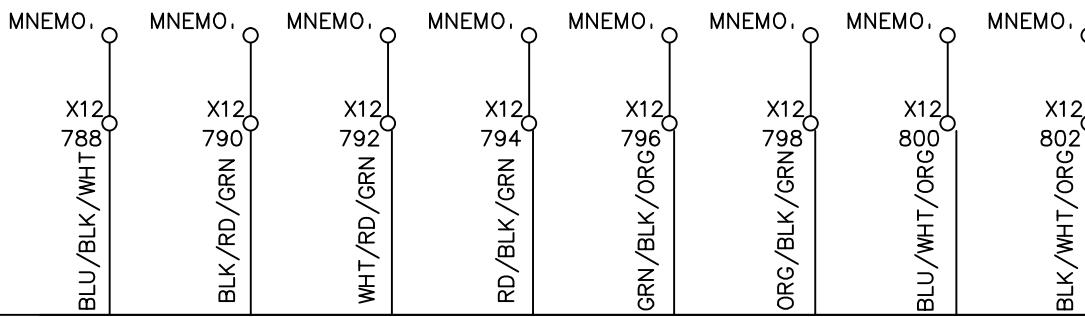
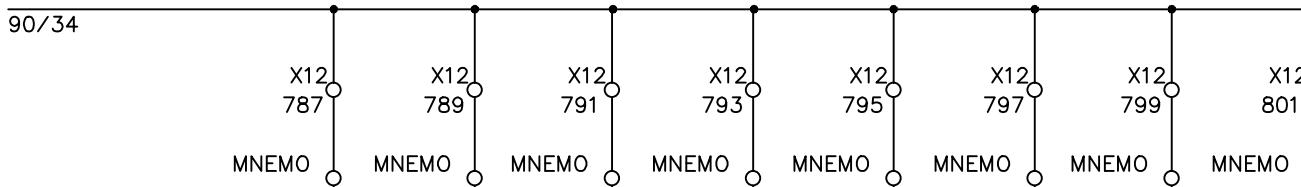
File Name : P89 slot 2 Allen Bradley 1756-IB32 rack2-2.dwg



File Name : P90 slot 2 Allen Bradley 1756-IB32 rack2-3.dwg

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FREE							
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27	28	29	30	31	32	33	34
24	25	26	27	28	29	30	31

SLOT 2 / RACK 2  
Allen bradley  
1756-IB32

I96\_8 I96\_9 I96\_A I96\_B I96\_C I96\_D I96\_E I96\_F

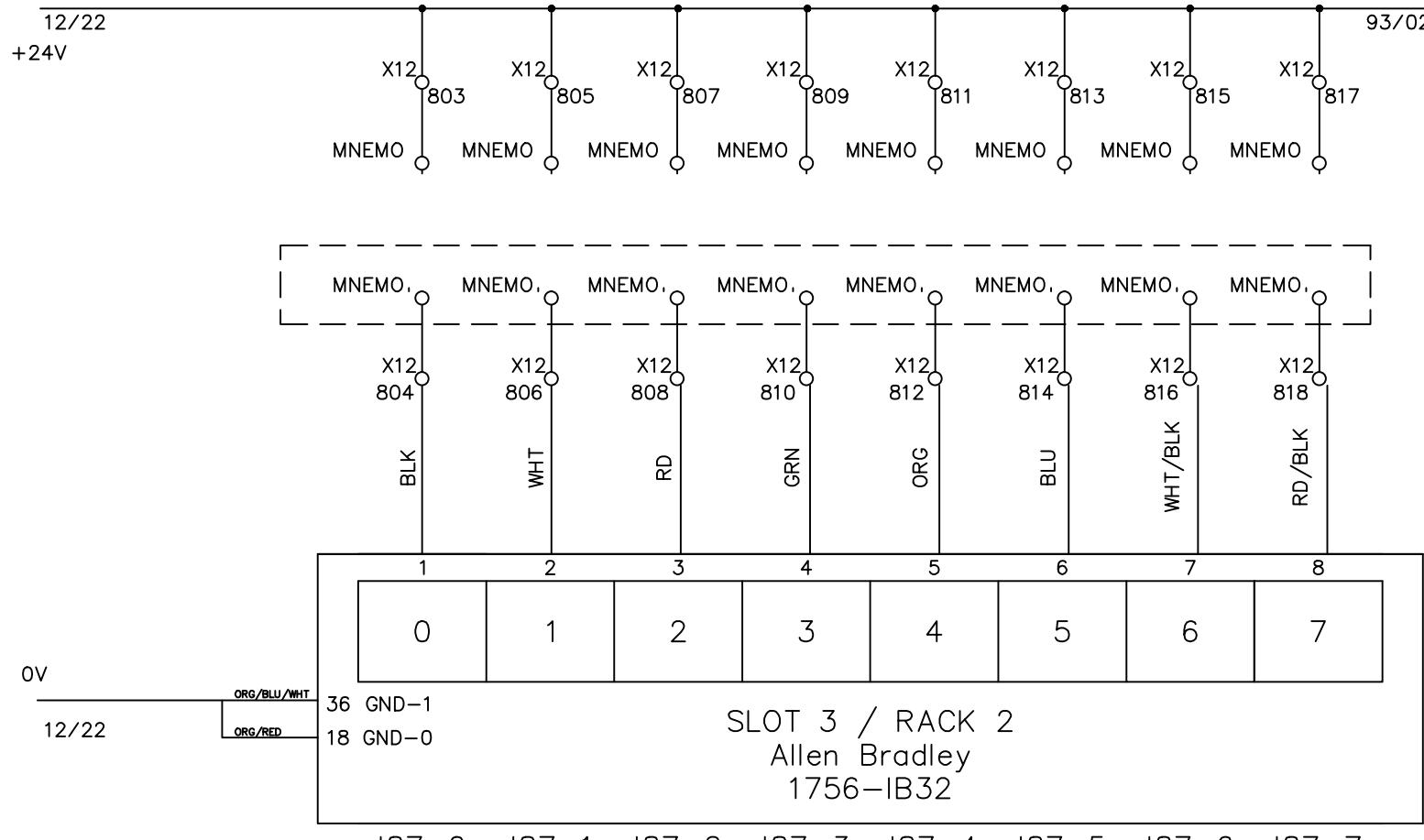
File Name : P91 slot 2 Allen Bradley 1756-IB32 rack2-4.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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	INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.	Line4 32 P.L.C. DIGITAL INPUT								DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	91						
													Total						
DRAWN BY	Rufus Huang												MATERIAL						
CHECKED BY	JERRY WU	1	Add Terminal Number	Charlie Z.	05/23/19	DRAWING NO.				REV. NO.	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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FREE							
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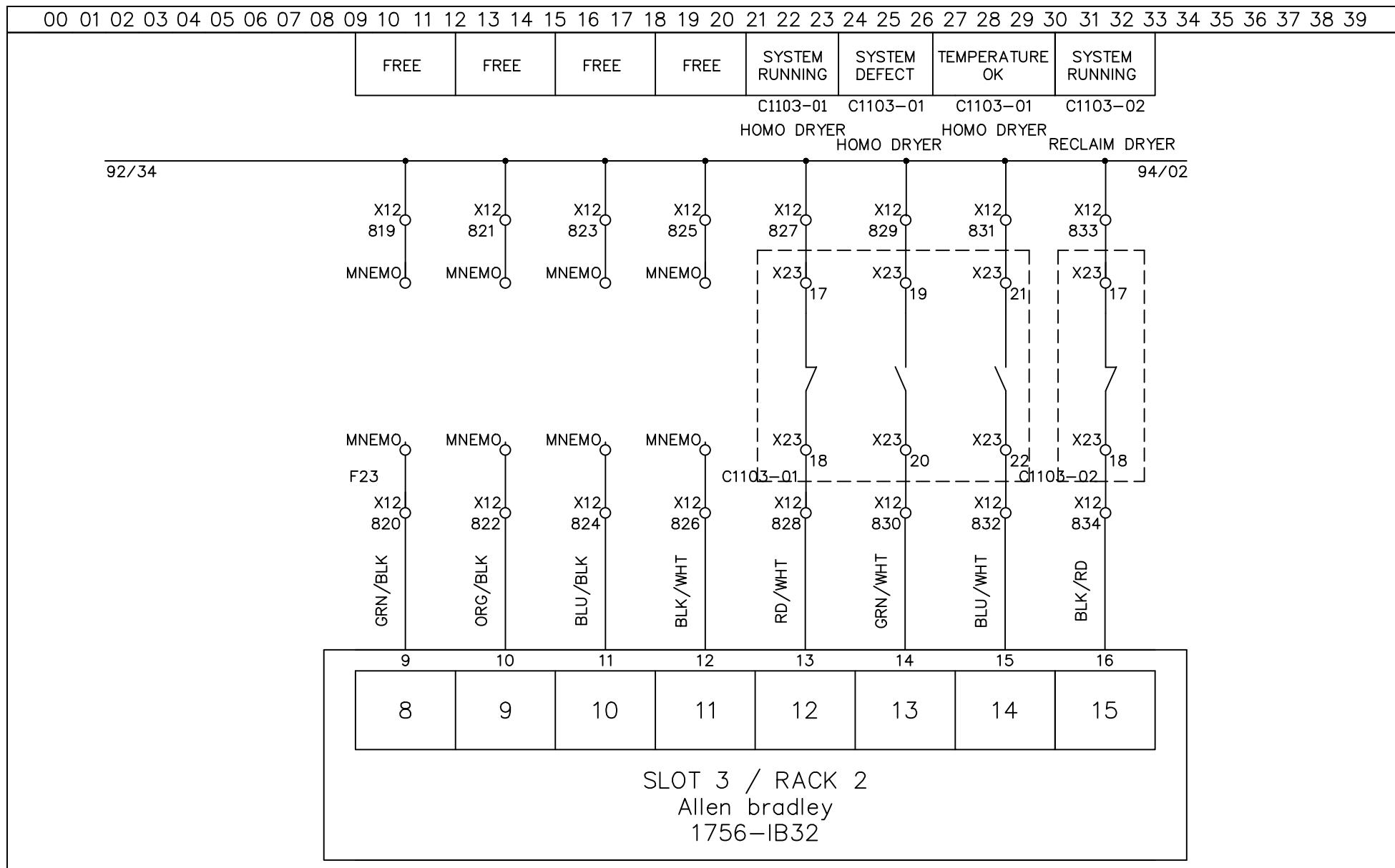
File Name : P91 slot 3 Allen Bradley 1756-IB32 rack2-1.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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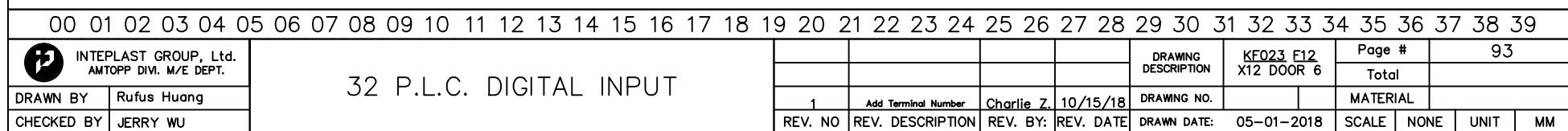
 INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 32 P.L.C. DIGITAL INPUT

DRAWN BY	Rufus Huang				DRAWING DESCRIPTION	KF023 E12 X12 DOOR 6	Page #	92
		Total	MATERIAL	UNIT				MM
CHECKED BY	JERRY WU	1	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018

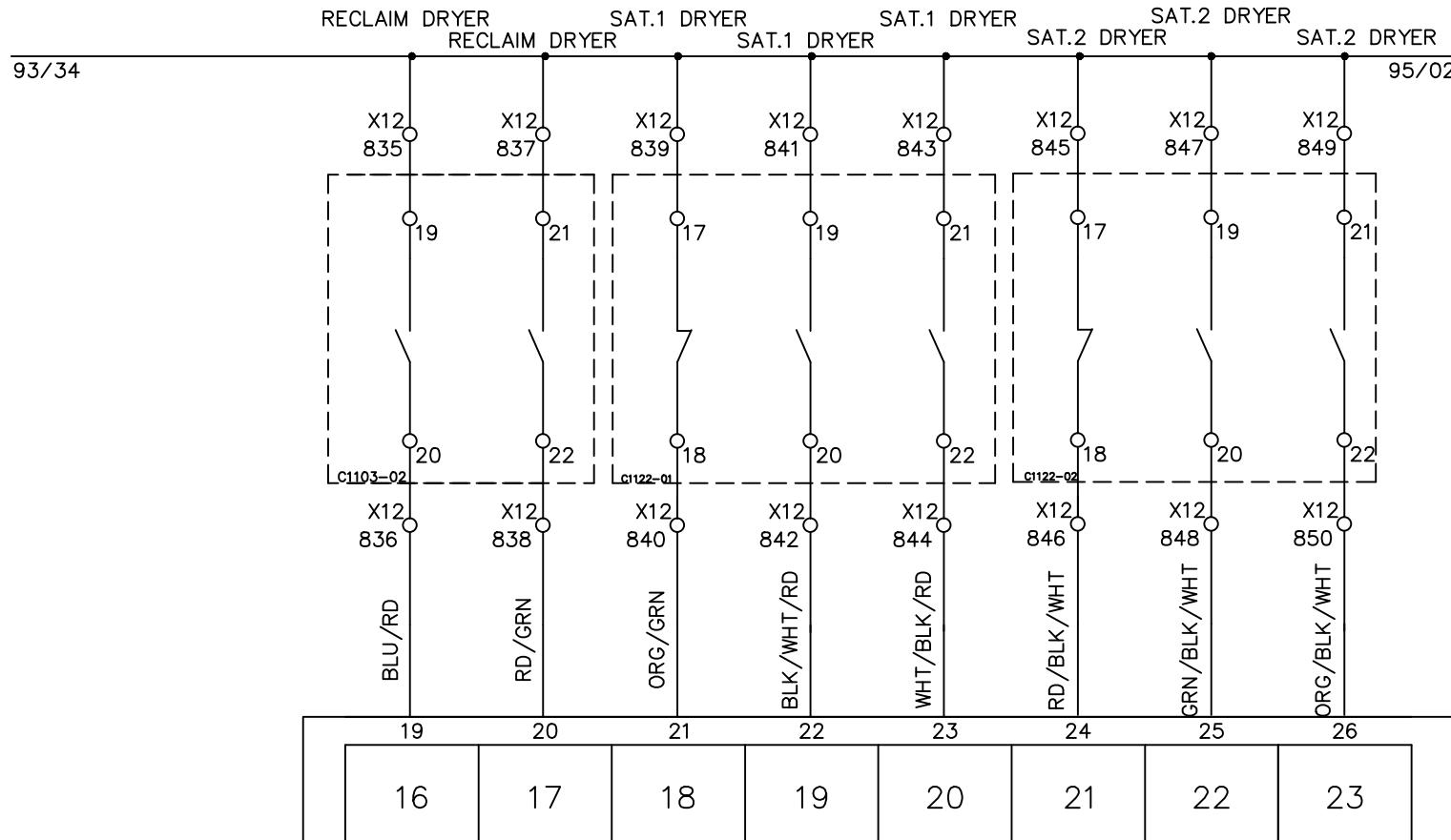


File Name : P93 slot 3 Allen Bradley 1756-IB32 rack2-2.dwg



00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

SYSTEM DEFECT	TEMPERATURE OK	SYSTEM RUNNING	SYSTEM DEFECT	TEMPERATURE OK	SYSTEM RUNNING	SYSTEM DEFECT	TEMPERATURE OK
C1103-02	C1103-02	C1122-01	C1122-02	C1122-01	C1122-01	C1122-01	C1122-02



197\_0 197\_1 197\_2 197\_3 197\_4 197\_5 197\_6 197\_7

SLOT 3 / RACK 2  
Allen bradley  
1756-IB32

File Name : P94 slot 3 Allen Bradley 1756-IB32 rack2-3.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



INTEPLAST GROUP, Ltd.  
AMTOPP DIVI. M/E DEPT.

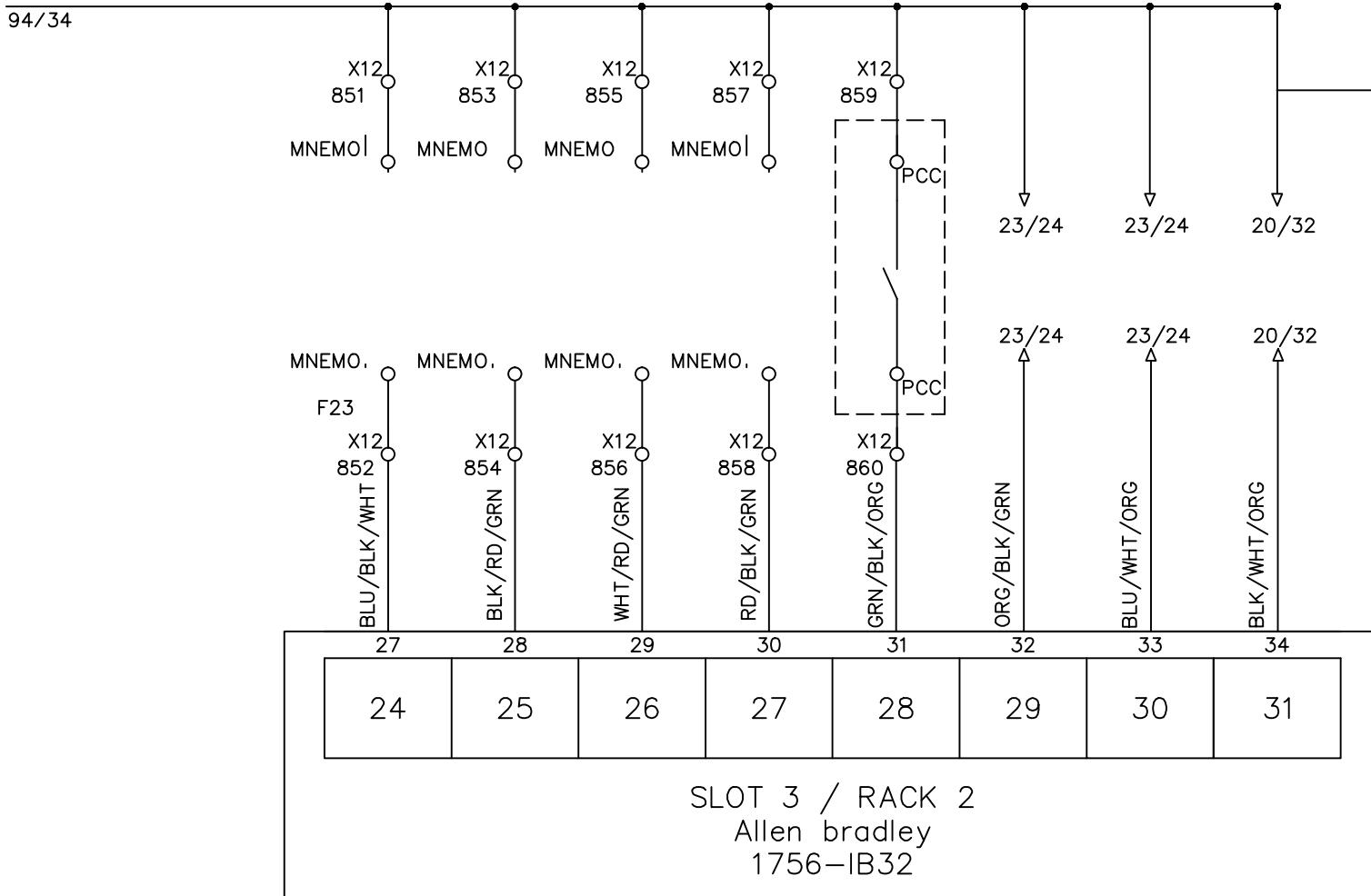
Line4 AB 32 P.L.C. DIGITAL INPUT

				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	94		
					Total				
1	Add Terminal Number	Charlie Z.	05/24/19	DRAWING NO.		MATERIAL			
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM

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FREE	FREE	FREE	FREE	PCC ALARM	RELEASE DEFECT	RELEASE KLAXON	EMERGENCY STOP
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FROM  
MAIN  
LOADING



File Name : P95 slot 3 Allen Bradley 1756-IB32 rack2-4.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 32 P.L.C. DIGITAL INPUT

DRAWING DESCRIPTION KF023 F12  
X12 DOOR 6

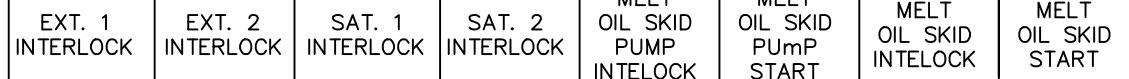
Page # 95  
Total

DRAWN BY Rufus Huang

CHECKED BY JERRY WU

1	Add Terminal Number	Charlie Z.	06/03/19	DRAWING NO.		MATERIAL			
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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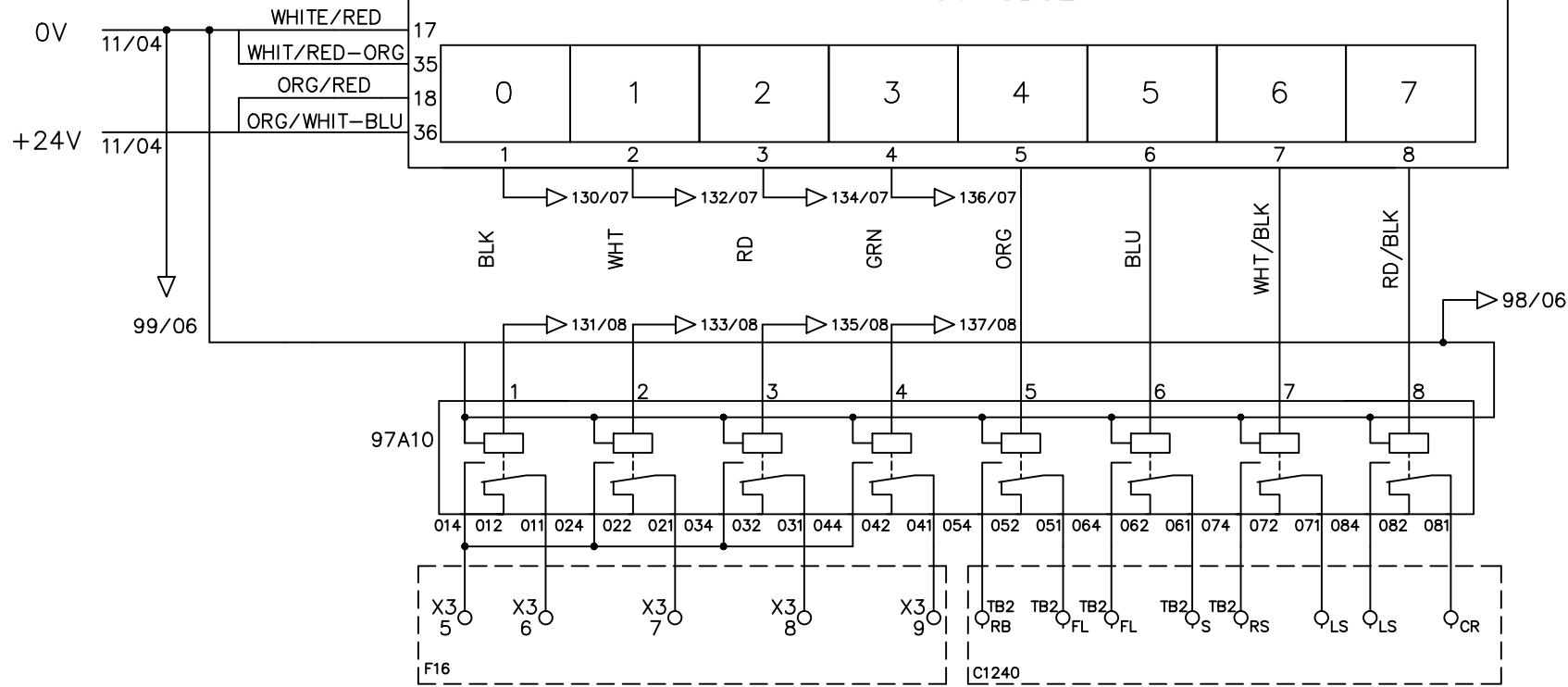


C1240 C1240 C1240 C1240

W[4947].2 W[4947].3 W[4947].0 W[4947].1

OA0\_0 OA0\_1 OA0\_2 OA0\_3 OA0\_4 OA0\_5 OA0\_6 OA0\_7

SLOT 4 / RACK 2  
Allen Bradley  
1756-OB32



File Name: P97 Slot 4 Allen Bradley 1756-OB32 Rack-1.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 32 P.L.C. DIGITAL OUTPUT

DRAWING  
DESCRIPTION  
KF023  
F12

Page #  
97  
Total

DRAWN BY Rufus Huang

CHECKED BY JERRY WU

1	Add Terminal Number	Charlie Z.	06/03/19	DRAWING NO.		MATERIAL
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REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM
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00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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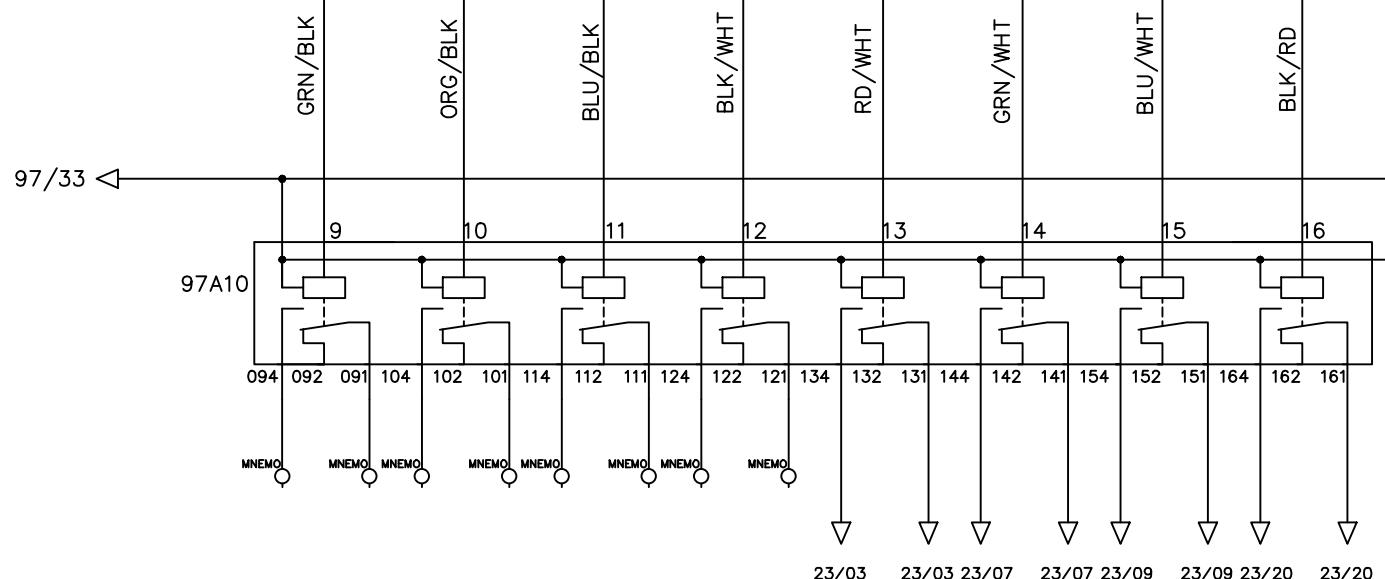
FREE	FREE	FREE	FREE	KLAXON	ROTATING LIGHT	RELEASE KLAXON	RELEASE DEFECT
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W[4621].E W[4621].D

OA0\_8 OA0\_9 OA0\_A OA0\_B OA0\_C OA0\_D OA0\_E OA0\_F

SLOT 4 / RACK 2  
Allen Bradley  
1756-OB32

8	9	10	11	12	13	14	15
9	10	11	12	13	14	15	16



File Name: P98 slot 4 Allen Bradley 1756-OB32 rack2-2.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 32 P.L.C. DIGITAL OUTPUT

DRAWING DESCRIPTION  
KF023  
F12

Page #  
98  
Total

DRAWN BY Rufus Huang

CHECKED BY JERRY WU

1	Add Terminal Number	Charlie Z.	06/03/19	DRAWING NO.		MATERIAL
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE
					NONE	UNIT
					MM	

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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FREE	FREE	DRIVE INTERLOCK AUGER 2	START/STOP COMMAND AUGER 2	DRIVE INTERLOCK AUGER 3	START/STOP COMMAND AUGER 3	DRIVE INTERLOCK AUGER 1	START/STOP COMMAND AUGER 1
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M1106-01	M1106-01	M1106-02	M1106-02	M1112-01	M1112-01
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W[4925].3

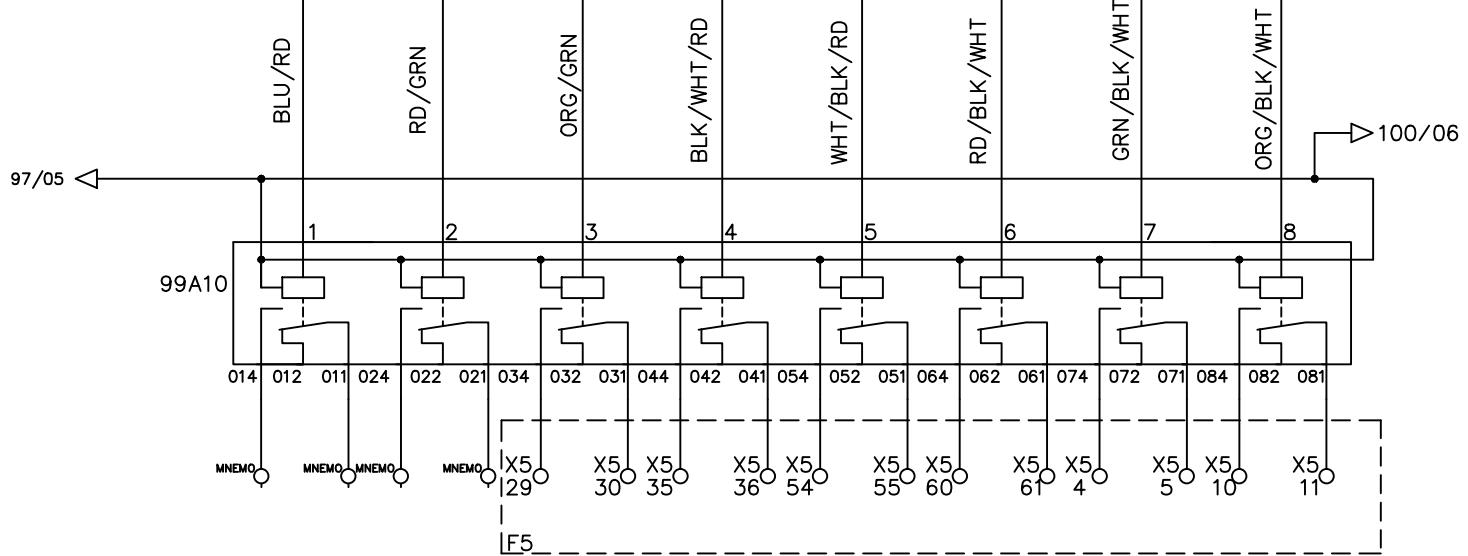
W[4925].2

W[4925].4

OB0\_0 OB0\_1 OB0\_2 OB0\_3 OB0\_4 OB0\_5 OB0\_6 OB0\_7

SLOT 4 / RACK 2  
Allen Bradley  
1756-OB32

16	17	18	19	20	21	22	23
19	20	21	22	23	24	25	26



File Name : P99 slot 4 Allen Bradley 1756-OB32 rack2-3.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
	INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.																												DRAWING DESCRIPTION	KF023 F12	Page #	99							
DRAWN BY	Rufus Huang																												Total										
CHECKED BY	JERRY WU																												MATERIAL										
																													REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM	

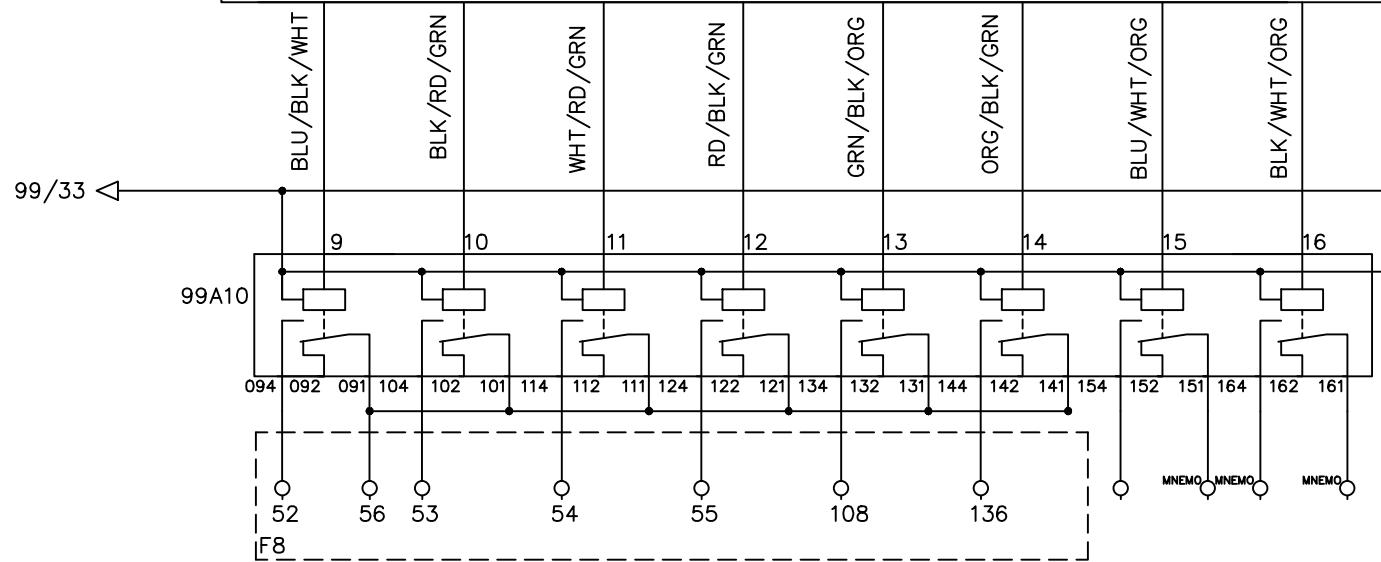
00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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RUN MOTOR 1	RUN MOTOR 2	RUN MOTOR 3	RUN MOTOR 4	RUN MOTOR 5	RUN MOTOR 6	FREE	FREE
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OB0\_8 OB0\_9 OB0\_A OB0\_B OB0\_C OB0\_D OB0\_E OB0\_F

SLOT 4 / RACK 2  
Allen Bradley  
1756-OB32

24	25	26	27	28	29	30	31
27	28	29	30	31	32	33	34



File Name : P100 slot 4 Allen Bradley 1756-OB32 rack2-4.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 32 P.L.C. DIGITAL OUTPUT

DRAWING  
DESCRIPTION  
KF023  
F12

Page #  
100  
Total

DRAWN BY Rufus Huang

CHECKED BY JERRY WU

1	Add Terminal Number	Charlie Z.	06/03/19	DRAWING NO.		MATERIAL
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE
					NONE	UNIT
					MM	

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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	HEATER ZONE 1 EXT. 1	HEATER ZONE 2 EXT. 1	HEATER ZONE 3 EXT. 1	HEATER ZONE 4 EXT. 1	COOLING PUMP EXT. 1	MIXING SCREU	ROTARY ARM	HEATER ZONE 1 EXT. 2
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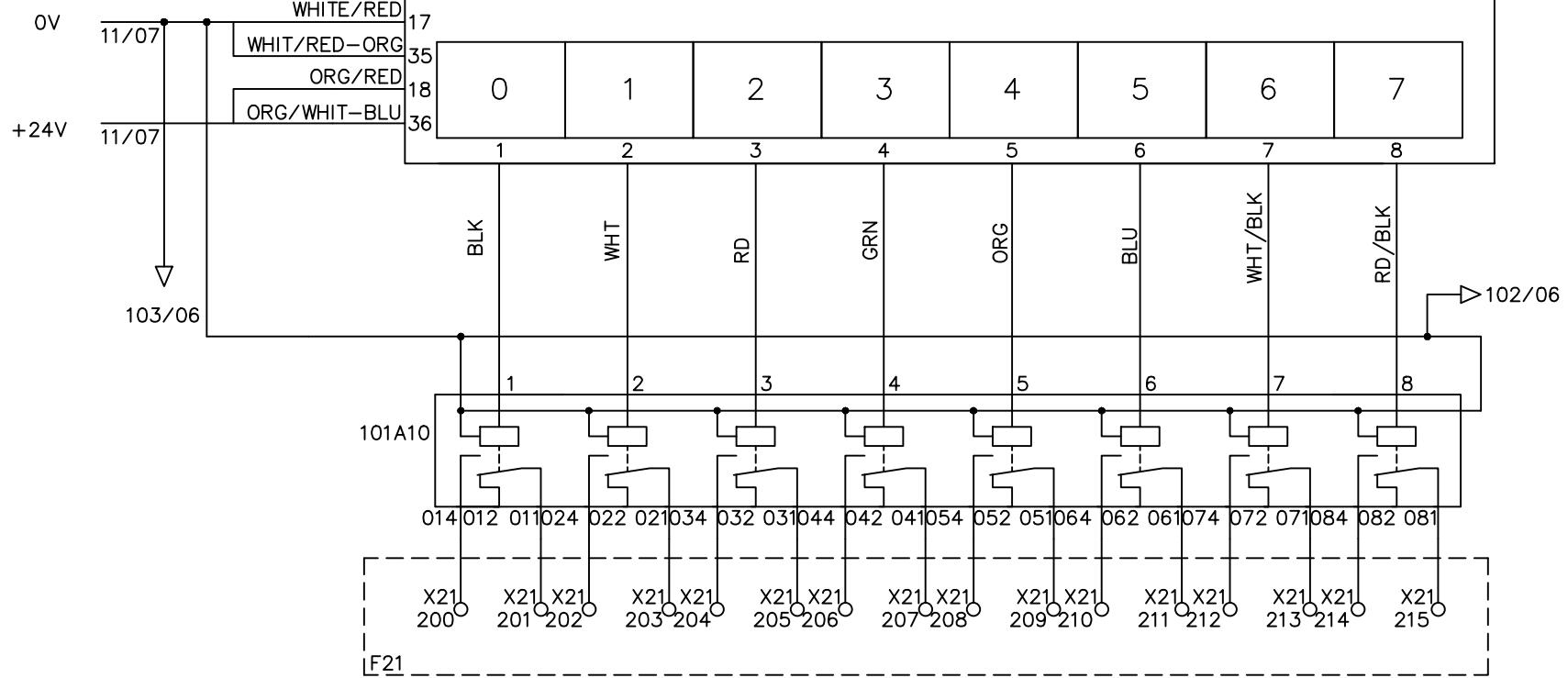
H1200-01 H1200-02 H1200-03 H1200-04 M1200-05 M1114-01 M1114-02 H1200-06

W[511].4 W[511].5 W[511].6 W[511].7 W[511].C W[515].5 W[515].6 W[512].8

OA1\_0 OA1\_1 OA1\_2 OA1\_3 OA1\_4 OA1\_5 OA1\_6 OA1\_7

### SLOT 5 / RACK 2

Allen Bradley  
1756-OB32



File Name: P101 slot 5 Allen Bradley 1756-OB32 rack2-1.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 32 P.L.C. DIGITAL OUTPUT

DRAWING  
DESCRIPTION  
KF023  
F12

Page #  
101  
Total

DRAWN BY Rufus Huang

CHECKED BY JERRY WU

1	Add Terminal Number	Charlie Z.	06/03/19	DRAWING NO.		MATERIAL
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REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM
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00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

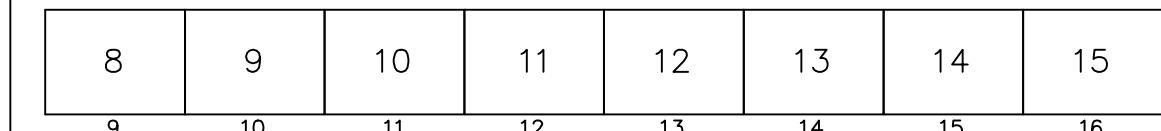
HEATER ZONE 2 EXT. 2	HEATER ZONE 3 EXT. 2	HEATER ZONE 4 EXT. 2	COOLING PUMP EXT. 2	ADDITIVE VACUUM PUMP	SIGNAL TO F13/WATER BATH THAT SEL. EXT. RUNNING	MELT LINE 1 ZONE 1	MELT LINE 1 ZONE 2
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H1200-07 H1200-08 H1200-09 M1200-11 M1107-01 H1200-12 H1200-13

W[512].9      W[512].A      W[512].B      W[513].0      W[511].E      W[5111].F

OA1\_8 OA1\_9 OA1\_A OA1\_B OA1\_C OA1\_D OA1\_E OA1\_F

SLOT 5 / RACK 2  
Allen Bradley  
1756-OB32



GRN / BLK	ORG / BLK	BLU / BLK	BLK / WHT	RD / WHT	GRN / WHT	BLU / WHT	BLK / RD
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101/33 ←

File Name : P102 slot 5 Allen Bradley 1756-OB32 rack2-2.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



INTEPLAST GROUP, Ltd.  
AMTOPP DIVI. M/E DEPT.

#### Line4 32 P.L.C. DIGITAL OUTPUT

			DRAWING DESCRIPTION	KF023 F12	Page #	102			
1	Add Terminal Number	Charlie Z.	06/03/19	DRAWING NO.	Total				
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

MELT MELT MOTOR FILTER FILTER FILTER  
LINE 1 LINE 1 CHANGE ZONE 1 ZONE 2 ZONE 3  
ZONE 3 ZONE 4 FILTER EXT. 1

H1200-14 H1200-15

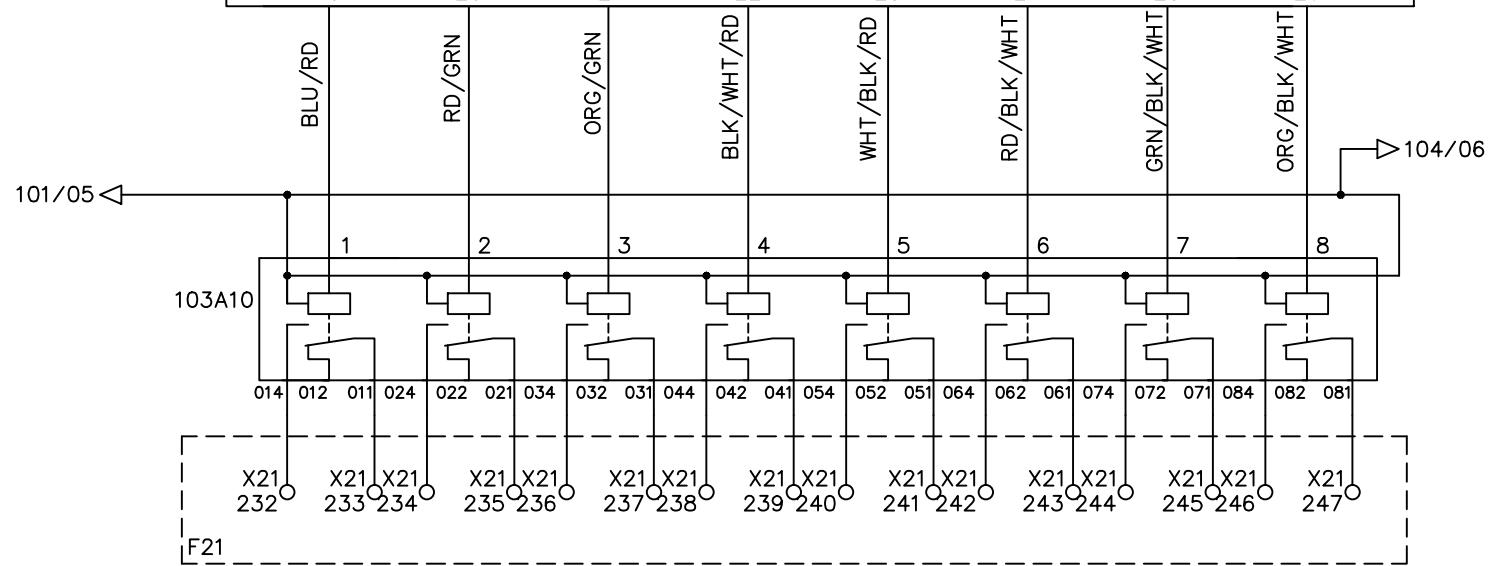
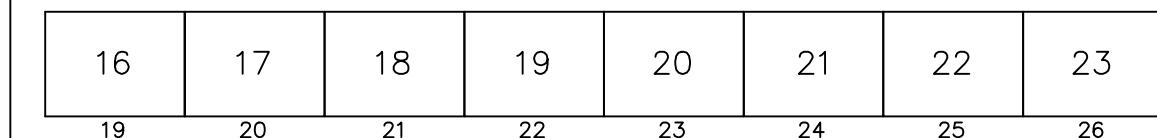
M1230-01 H1230-02 H1230-03 H1230-04

W[512].0      W[512].1

W[517].2      W[511].9      W[511].A      W[511].B

OB1\_0 OB1\_1 OB1\_2 OB1\_3 OB1\_4 OB1\_5 OB1\_6 OB1\_7

SLOT 5 / RACK 2  
Allen Bradley  
1756-OB32



File Name : P103 slot 5 Allen Bradley 1756-OB32 rack2-3.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

## Line4 32 P.L.C. DIGITAL OUTPUT

				DRAWING DESCRIPTION	<u>KF023</u> <u>F12</u>	Page #	103		
						Total			
1	Add Terminal Number	Charlie Z.	06/03/19	DRAWING NO.		MATERIAL			
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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	ADAPTER	FREE	FREE	MOTOR CHANGE FILTER EXT. 2	FILTER ZONE 1	FILTER ZONE 2	FILTER ZONE 3	ADAPTER
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H1230-05

M1231-01 M1231-02 M1231-03 M1231-04 M1231-05

W[511].8

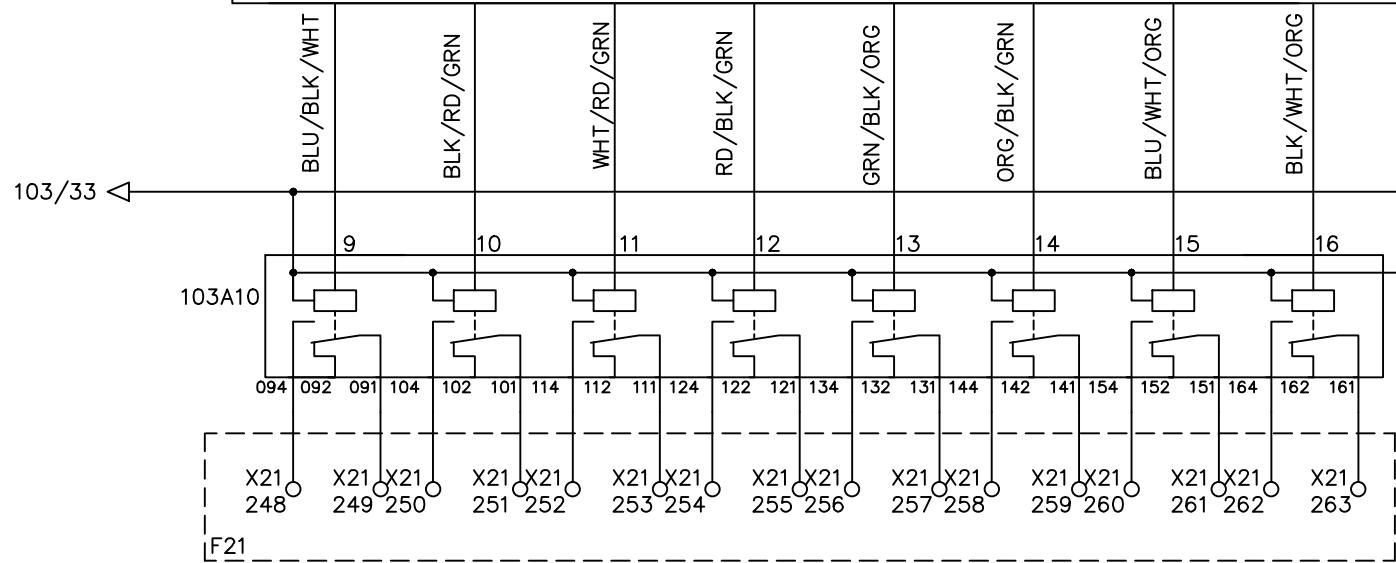
W[517].3 W[512].D W[512].E W[512].F W[512].C

OB1\_8 OB1\_9 OB1\_A OB1\_B OB1\_C OB1\_D OB1\_E OB1\_F

SLOT 5 / RACK 2

Allen Bradley  
1756-OB32

24	25	26	27	28	29	30	31
27	28	29	30	31	32	33	34



File Name : P104 slot 5 Allen Bradley 1756-OB32 rack2-4.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
	INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.	Line4 32 P.L.C. DIGITAL OUTPUT																																					
DRAWN BY	Rufus Huang																																						
CHECKED BY	JERRY WU																																						

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM
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00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

SAT. EXT. 1 HEATER Z1   SAT. EXT. 1 HEATER Z2   SAT. EXT. 1 HEATER Z3   SAT. EXT. 1 HEATER Z4   SAT. EXT. 1 HEATER Z5   SAT. EXT. 1 HEATER Z6   SAT. EXT. 1 HEATER Z7   ADAPTER SAT. EXT. 1

H1210-01 H1210-02 H1210-03 H1210-04 H1210-05 H1210-06 H1210-07 H1210-29

W[510].0      W[510].1      W[510].2      W[510].3      W[510].4      W[510].5      W[510].6      W[510].7

OA2\_0 OA2\_1 OA2\_2 OA2\_3 OA2\_4 OA2\_5 OA2\_6 OA2\_7

SLOT 6 / RACK 2

Allen Bradley

1756-OB32

0V

+24V

11/09 11/09 106/06 105A10

WHITE/RED  
WHIT/RED-ORG  
ORG/RED  
ORG/WHIT-BLU

17  
35  
18  
36

0 1 2 3 4 5 6 7

1 2 3 4 5 6 7 8

BLK WHT RD GRN ORG BLU WHT/BLK RD/BLK

107/06

1 2 3 4 5 6 7 8

014 012 011 024 022 021 034 032 031 044 042 041 054 052 051 064 062 061 074 072 071 084 082 081

X22  
186  
X22  
187  
X22  
188  
X22  
189  
X22  
190  
X22  
191  
X22  
192  
X22  
193  
X22  
194  
X22  
195  
X22  
196  
X22  
197  
X22  
198  
X22  
199  
X22  
200  
X22  
201

F22

File Name : P105 slot 6 Allen Bradley 1756-OB32 rack2-1.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



INTEPLAST GROUP, Ltd.  
AMTOPP DIVI. M/E DEPT.

## Line4 32 P.L.C. DIGITAL OUTPUT

			DRAWING DESCRIPTION	KF023	Page #	105			
				F12		Total			
1	Add Terminal Number	Charlie Z.	06/04/19	DRAWING NO.		MATERIAL			
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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COOLING FAN Z1	COOLING FAN Z2	COOLING FAN Z3	COOLING FAN Z4	COOLING FAN Z5	COOLING FAN Z6	COOLING FAN Z7	FREE
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H1210-08 H1210-09 H1210-10 H1210-11 H1210-12 H1210-13 H1210-14

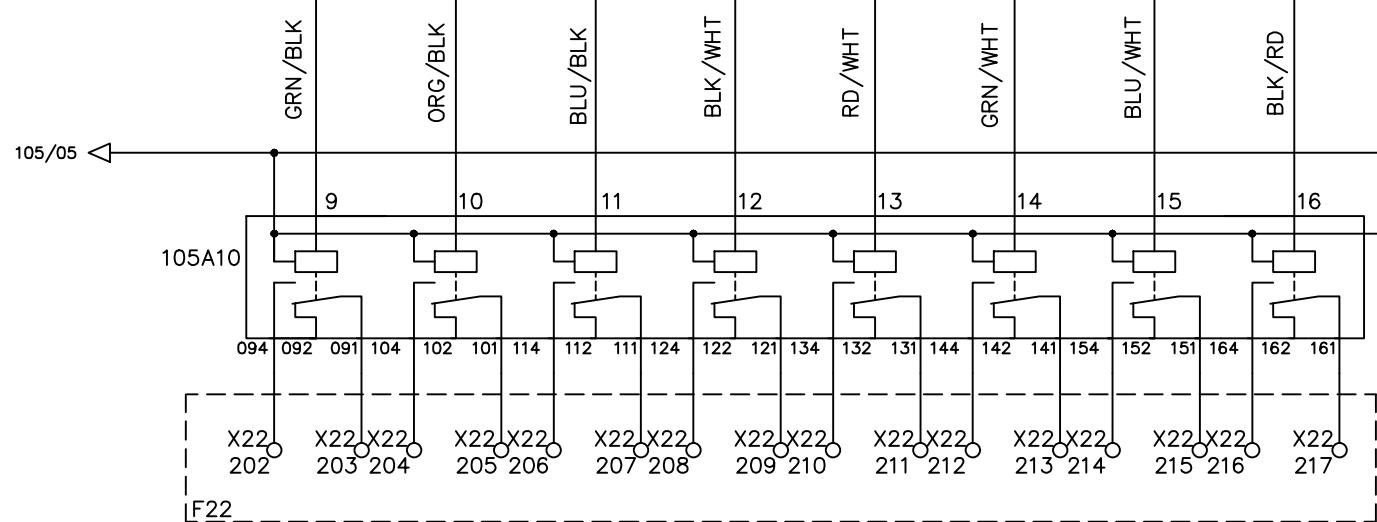
W[518].0 W[518].1 W[518].2 W[518].3 W[518].4 W[518].5 W[518].6

OA2\_8 OA2\_9 OA2\_A OA2\_B OA2\_C OA2\_D OA2\_E OA2\_F

SLOT 6 / RACK 2

Allen Bradley  
1756-OB32

8	9	10	11	12	13	14	15
9	10	11	12	13	14	15	16



File Name : P106 slot 6 Allen Bradley 1756-OB32 rack2-2.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 32 P.L.C. DIGITAL OUTPUT

DRAWING DESCRIPTION  
KF023 F12

Page #  
106

Total

DRAWN BY

Perrick Hsiao

CHECKED BY

JERRY WU

REV. NO

REV. DESCRIPTION

REV. BY:

REV. DATE

DRAWN DATE:

03-23-2015

SCALE

NONE

UNIT

MM

File Name : P107 slot 6 Allen Bradley 1756-OB32 Rack2-3.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39		
	INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.																				DRAWING DESCRIPTION		KF023 F12		Page #		107														
DRAWN BY	Perrick Hsiao																				Total																				
CHECKED BY	JERRY WU																				MATERIAL																				
Line4 32 P.L.C. DIGITAL OUTPUT										1		Add Terminal Number		Charlie Z.		06/04/19		DRAWING NO.				REV. NO		REV. DESCRIPTION		REV. BY:		REV. DATE		DRAWN DATE:		03-23-2015		SCALE		NONE		UNIT		MM	

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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ADAPTER SAT. EXT. 2	COOLING FAN Z1	COOLING FAN Z2	COOLING FAN Z3	COOLING FAN Z4	COOLING FAN Z5	COOLING FAN Z6	COOLING FAN Z7
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H1210-30 M1210-22 M1210-23 M1210-24 M1210-25 M1210-26 M1210-27 M1210-28

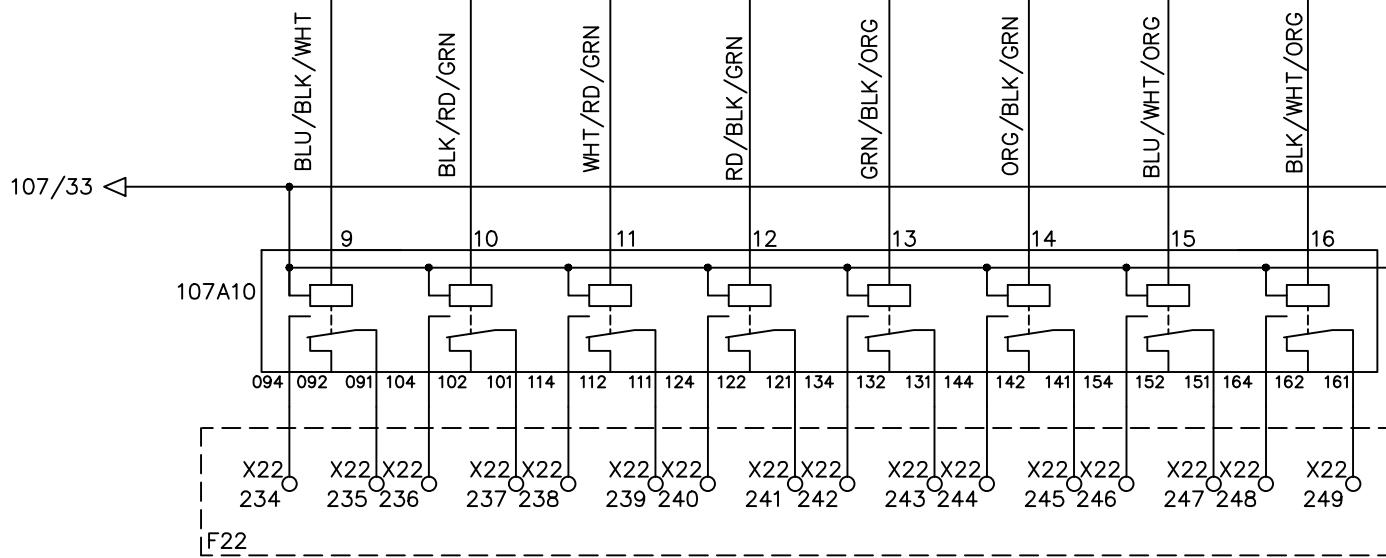
W[511].1 W[518].7 W[518].8 W[518].9 W[518].A W[518].B W[518].C W[518].D

OB2\_8 OB2\_9 OB2\_A OB2\_B OB2\_C OB2\_D OB2\_E OB2\_F

SLOT 6 / RACK 2

Allen Bradley  
1756-OB32

24	25	26	27	28	29	30	31
27	28	29	30	31	32	33	34



File Name : P108 slot 6 Allen Bradley 1756-OB32 rack2-4.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 32 P.L.C. DIGITAL OUTPUT

DRAWING  
DESCRIPTION  
KF023 E12

Page #  
108  
Total

DRAWN BY Perrick Hsiao

CHECKED BY JERRY WU

1	Add Terminal Number	Charlie Z.	06/04/19	DRAWING NO.		MATERIAL
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	03-23-2015	SCALE
					NONE	UNIT
					MM	

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

**HEATING OF DIVERTER**      **DIE HEATER 71**      **DIE HEATER 72**      **DIE HEATER 73**      **DIE HEATER 74**      **DIE HEATER 75**      **DIE HEATER 76**      **DIE HEATER 77**

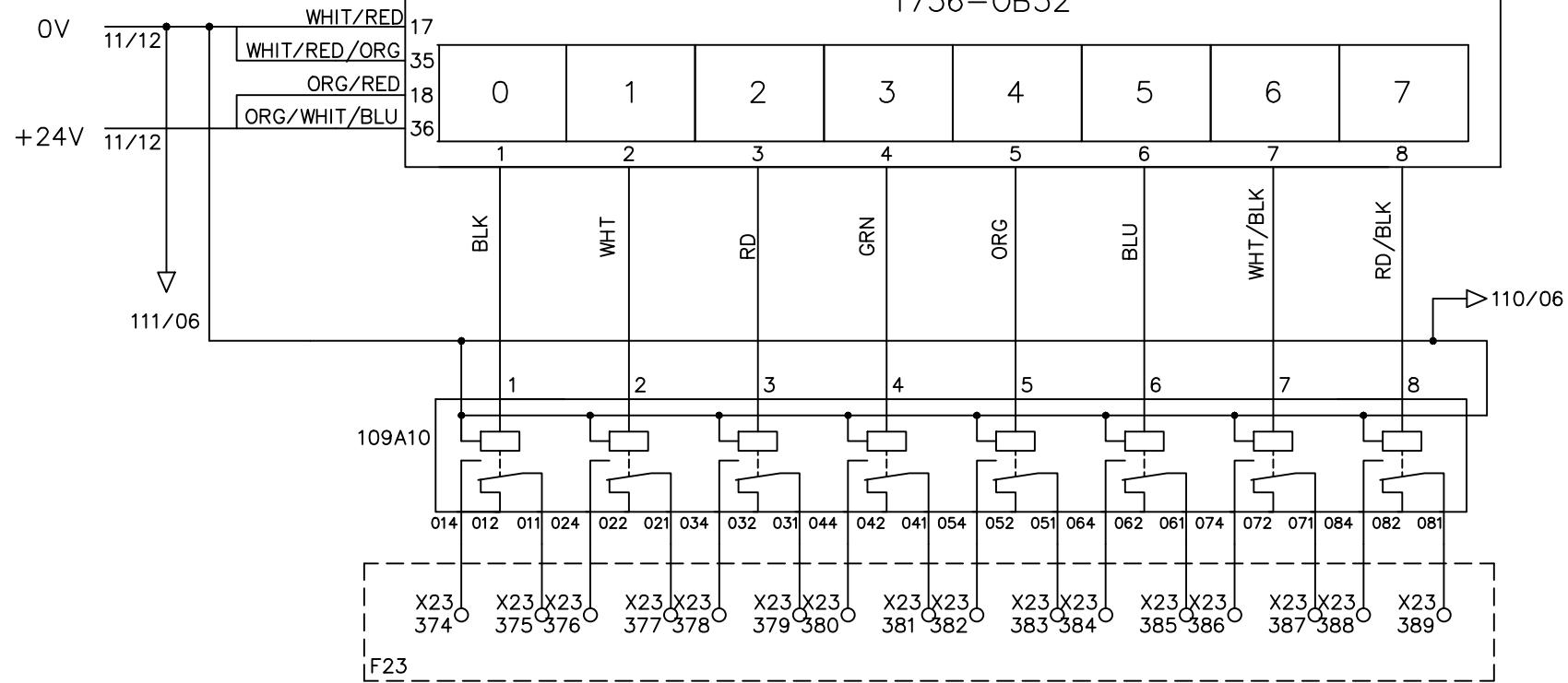
H1250-01 H1260-01 H1260-02 H1260-03 H1260-04 H1260-05 H1260-06 H1260-07

W[513].3 W[513].5 W[513].6 W[513].7 W[513].8 W[513].9 W[513].A W[513].B

OA3\_0 OA3\_1 OA3\_2 OA3\_3 OA3\_4 OA3\_5 OA3\_6 OA3\_7

SLOT 7 / RACK 2

Allen Bradley  
1756-OB32



File Name : P109 slot 7 Allen Bradley 1756-OB32 rack2-1.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

## Line4 32 P.L.C. DIGITAL OUTPUT

				DRAWING DESCRIPTION	KF023 F12	Page #		109	
						Total			
1	Add Terminal Number	Charlie Z.	06/04/19	DRAWING NO.		MATERIAL			
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	03-23-2015	SCALE	NONE	UNIT	MM

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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MONOLAYER DIVERTER ZONE1	MONOLAYER DIVERTER ZONE2	MONOLAYER DIVERTER ZONE3	FREE	FREE	STATIC MIXER HEATING	STATIC MIXER CONNECTIONS	SAT. 1 HEATING FILTER
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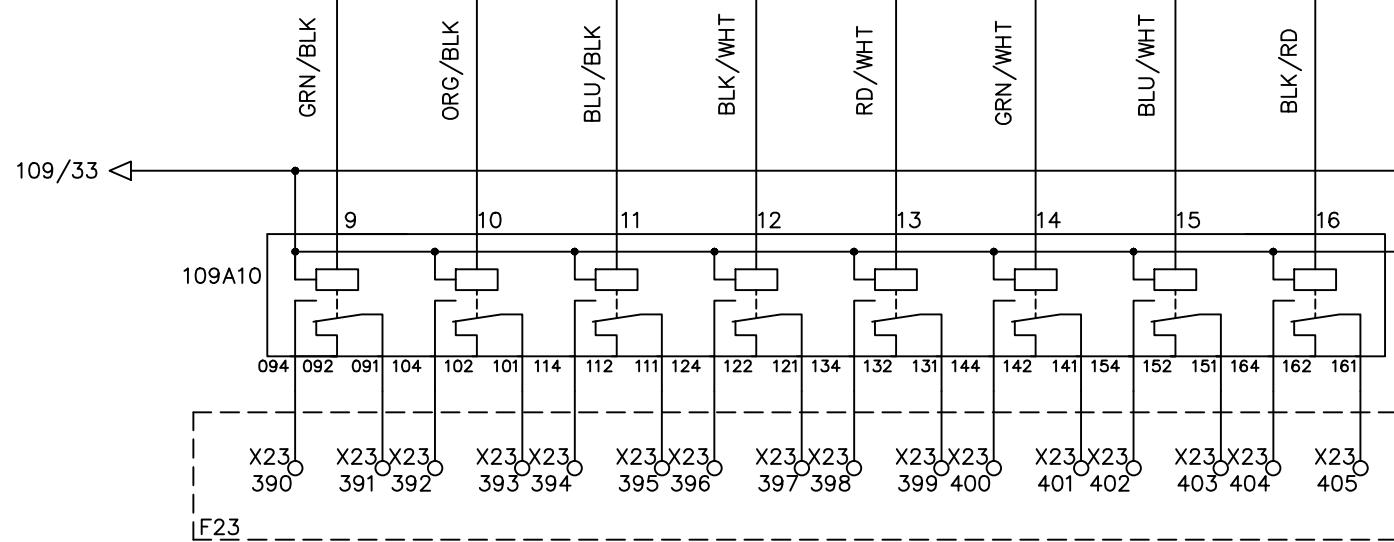
H1251-01 H1251-02 H1232-01

W[213].2 W[513].1 W[510].8

OA3\_8 OA3\_9 OA3\_A OA3\_B OA3\_C OA3\_D OA3\_E OA3\_F

SLOT 7 / RACK 2  
Allen Bradley  
1756-OB32

8	9	10	11	12	13	14	15
9	10	11	12	13	14	15	16



File Name : P110 slot 7 Allen Bradley 1756-OB32 rack2-2.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 32 P.L.C. DIGITAL OUTPUT

DRAWING  
DESCRIPTION  
KF023 F12

Page #  
110  
Total

DRAWN BY

Perrick Hsiao

CHECKED BY

JERRY WU

1	Add Terminal Number	Charlie Z.	06/05/19	DRAWING NO.		MATERIAL
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REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	03-23-2015	SCALE	NONE	UNIT	MM
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00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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SAT. 2 HEATING FILTER	HYDRAULIC GROUP	HYDRAULIC GROUP	FREE	FREE	FREE	VACUUM VALVE #1	DUMP VALVE #1
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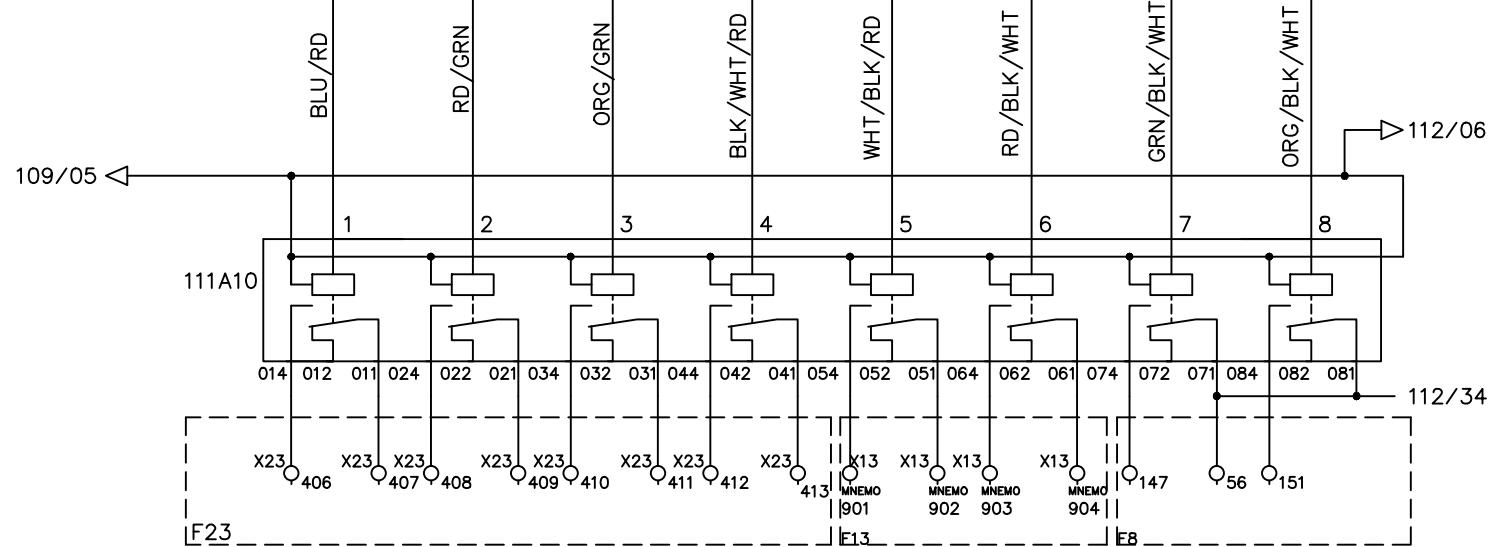
H1232-32 M1232-03 M1232-04

W[511].2 W[517].0 W[517].1

OB3\_0 OB3\_1 OB3\_2 OB3\_3 OB3\_4 OB3\_5 OB3\_6 OB3\_7

SLOT 7 / RACK 2  
Allen Bradley  
1756-OB32

16	17	18	19	20	21	22	23
19	20	21	22	23	24	25	26



File Name : P111 slot 7 Allen Bradley 1756-OB32 rack2-3.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 32 P.L.C. DIGITAL OUTPUT

DRAWING  
DESCRIPTION  
KF023 F12

Page #  
111  
Total

DRAWN BY Rufus Huang

CHECKED BY JERRY WU

1	Add Terminal Number	Charlie Z.	06/05/19	DRAWING NO.		MATERIAL			
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM

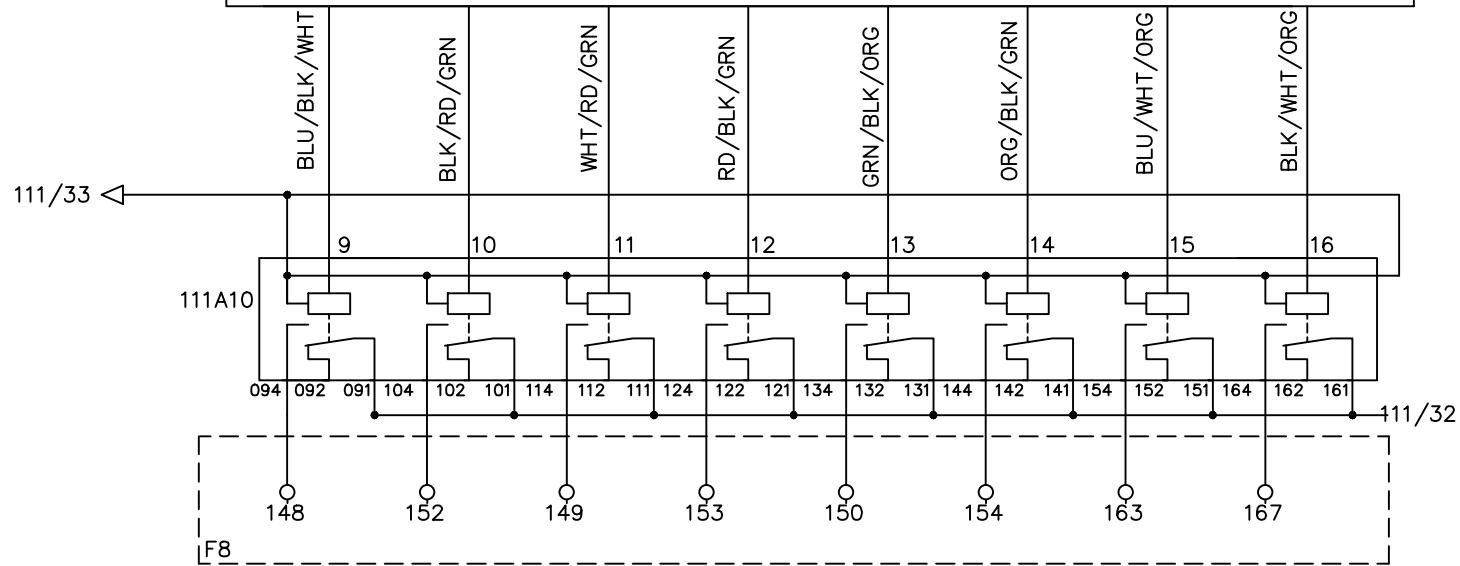
00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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VACUUM VALVE 2	DUMP VALVE 2	VACUUM VALVE 3	DUMP VALVE 3	VACUUM VALVE 4	DUMP VALVE 4	VACUUM VALVE 5	DUMP VALVE 5
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OB3\_8 OB3\_9 OB3\_A OB3\_B OB3\_C OB3\_D OB3\_E OB3\_F

SLOT 7 / RACK 2  
Allen Bradley  
1756-OB32

24	25	26	27	28	29	30	31
27	28	29	30	31	32	33	34



File Name : P112 slot 7 Allen Bradley 1756-OB32 rack2-4.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 32 P.L.C. DIGITAL OUTPUT

DRAWING  
DESCRIPTION  
KF023 F12

Page #  
112  
Total

DRAWN BY Charlie Zhang

DRAWN DATE: 05-01-2018

CHECKED BY JERRY WU

SCALE NONE UNIT MM

REV. NO REV. DESCRIPTION REV. BY: REV. DATE

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

HEATER ZONE 1 EXT. 1    HEATER ZONE 2 EXT. 1    HEATER ZONE 3 EXT. 1    HEATER ZONE 4 EXT. 1    HEATER ZONE 1 EXT. 2    HEATER ZONE 2 EXT. 2    HEATER ZONE 3 EXT. 2    HEATER ZONE 4 EXT. 2

H1200-01 H1200-02 H1200-03 H1200-04 H1260-06 H1260-07 H1260-08 H1260-09

W[9021].8 W[9071].8 W[9121].8 W[9171].8 W[9221].8 W[9371].8 W[9321].8 W[9371].8

OA4\_0 OA4\_1 OA4\_2 OA4\_3 OA4\_4 OA4\_5 OA4\_6 OA4\_7

SLOT 8 / RACK 2

Allen Bradley

1756-OB32

The diagram shows a 16-pin DIP switch labeled "11/14". The pins are numbered 0 through 15. The top row of pins (0-7) is connected to a logic board. The bottom row of pins (8-15) is connected to a relay board. The connections are as follows:

- Pin 0: X12 901
- Pin 1: X21 265
- Pin 2: X12 902
- Pin 3: X21 266
- Pin 4: X12 903
- Pin 5: X21 267
- Pin 5: X12 904
- Pin 6: X21 268
- Pin 6: X12 905
- Pin 7: X21 269
- Pin 7: X12 906
- Pin 8: X21 270
- Pin 8: X12 907
- Pin 9: X21 271
- Pin 9: X12 908
- Pin 10: X21 272
- Pin 11: X12 900
- Pin 12: F21 264
- Pin 13: X12 901
- Pin 14: X12 902
- Pin 15: X12 903
- Pin 16: X12 904

The logic board connections are color-coded:

- Pin 0: ORG/WHITE-BLU
- Pin 1: ORG/RED
- Pin 2: WHIT/RED-ORG
- Pin 3: WHITE/RED
- Pin 4: ORG/WHITE-BLU
- Pin 5: ORG/RED
- Pin 6: WHIT/RED-ORG
- Pin 7: WHITE/RED

The relay board connections are color-coded:

- Pin 8: RD/BLK
- Pin 9: WHT/BLK
- Pin 10: BLK
- Pin 11: RD
- Pin 12: GRN
- Pin 13: ORG
- Pin 14: BLU
- Pin 15: WHT
- Pin 16: RD/BLK

114/02

File Name : P113 slot 8 Allen Bradley 1756-OB32 rack2-1.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



INTEPLAST GROUP, Ltd.  
AMTOPP DIVI. M/E DEPT.

## Line4 32 P.L.C. DIGITAL OUTPUT

				DRAWING DESCRIPTION	KFO23 F12 X12 DOOR 6	Page #	113		
						Total			
1	Add Terminal Number	Charlie Z.	06/05/19	DRAWING NO.		MATERIAL			
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

MELT LINE 1 Z1	MELT LINE 1 Z2	MELT LINE 1 Z3	MELT LINE 1 Z4	FILTER ZONE 1	FILTER ZONE 2	FILTER ZONE 3	ADAPTER
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H1200-12 H1200-13 H1200-14 H1200-15 H1230-02 H1230-03 H1230-04 H1230-05

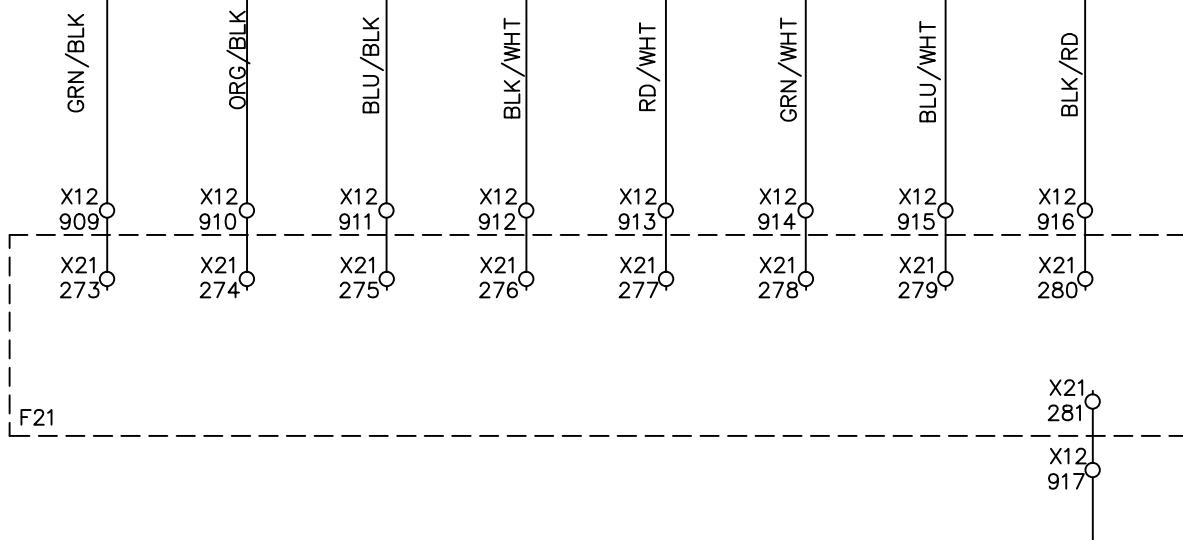
W[6621].8 W[6771].8 W[6721].8 W[6771].8 W[6371].8 W[6421].8 W[6471].8 W[6321].8

OA4\_8 OA4\_9 OA4\_A OA4\_B OA4\_C OA4\_D OA4\_E OA4\_F

SLOT 8 / RACK 2

Allen Bradley  
1756-OB32

8	9	10	11	12	13	14	15
9	10	11	12	13	14	15	16



113/33

115/02

File Name : P114 slot 8 Allen Bradley 1756-OB32 rack2-2.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 32 P.L.C. DIGITAL OUTPUT

DRAWING  
DESCRIPTION  
KF023 E12  
X12 DOOR 6

Page #  
114  
Total

DRAWN BY Rufus Huang

CHECKED BY JERRY WU

1	Add Terminal Number	Charlie Z.	06/05/19	DRAWING NO.		MATERIAL
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE
					NONE	UNIT
					MM	

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

FILTER ZONE 1	FILTER ZONE 2	FILTER ZONE 3	ADAPTER	FREE	FREE	FREE	FREE
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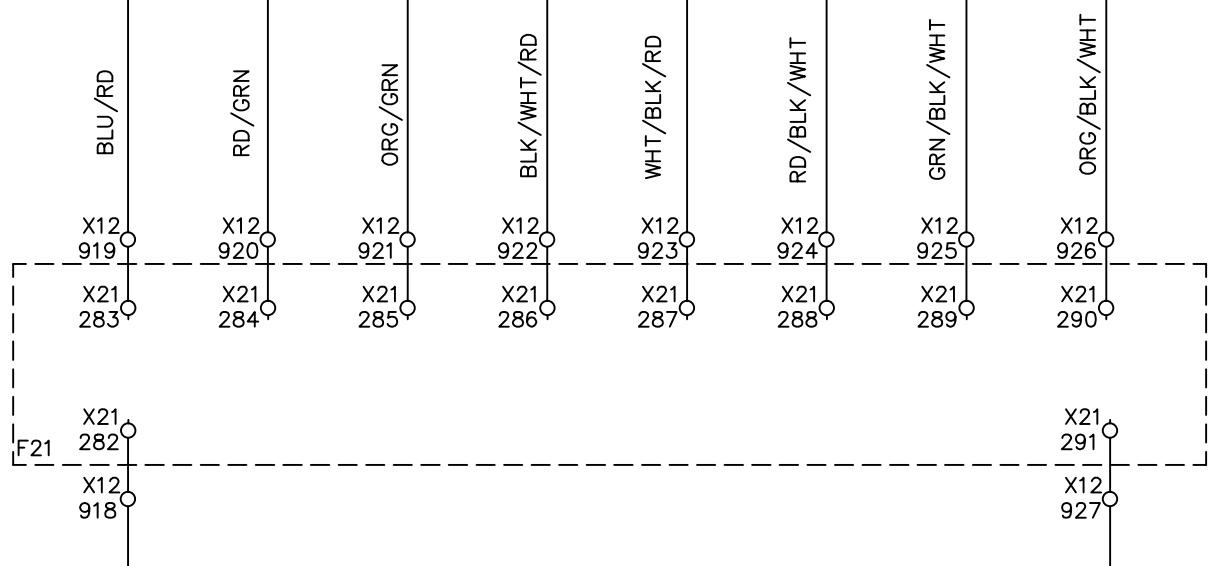
H1231-02 H1231-03 H1231-04 H1231-05

W[6871].8 W[6921].8 W[6971].8 W[6821].8

OB4\_0 OB4\_1 OB4\_2 OB4\_3 OB4\_4 OB4\_5 OB4\_6 OB4\_7

SLOT 8 / RACK 2  
Allen Bradley  
1756-OB32

16	17	18	19	20	21	22	23
19	20	21	22	23	24	25	26



114/34

116/02

File Name : P115 slot 8 Allen Bradley 1756-OB32 rack2-3.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 32 P.L.C. DIGITAL OUTPUT

DRAWING DESCRIPTION KF023 E12  
X12 DOOR 6

Page # 115  
Total

DRAWN BY Rufus Huang

CHECKED BY JERRY WU

1	Add Terminal Number	Charlie Z.	06/05/19	DRAWING NO.		MATERIAL
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE
					NONE	UNIT
					MM	

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

SAT. EXT. 1 Z1	SAT. EXT. 1 Z2	SAT. EXT. 1 Z3	SAT. EXT. 1 Z4	SAT. EXT. 1 Z5	SAT. EXT. 1 Z6	SAT. EXT. 1 Z7	ADAPTER SAT. EXT. 1
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H1210-01 H1210-02 H1210-03 H1210-04 H1210-05 H1210-06 H1210-07 H1210-29

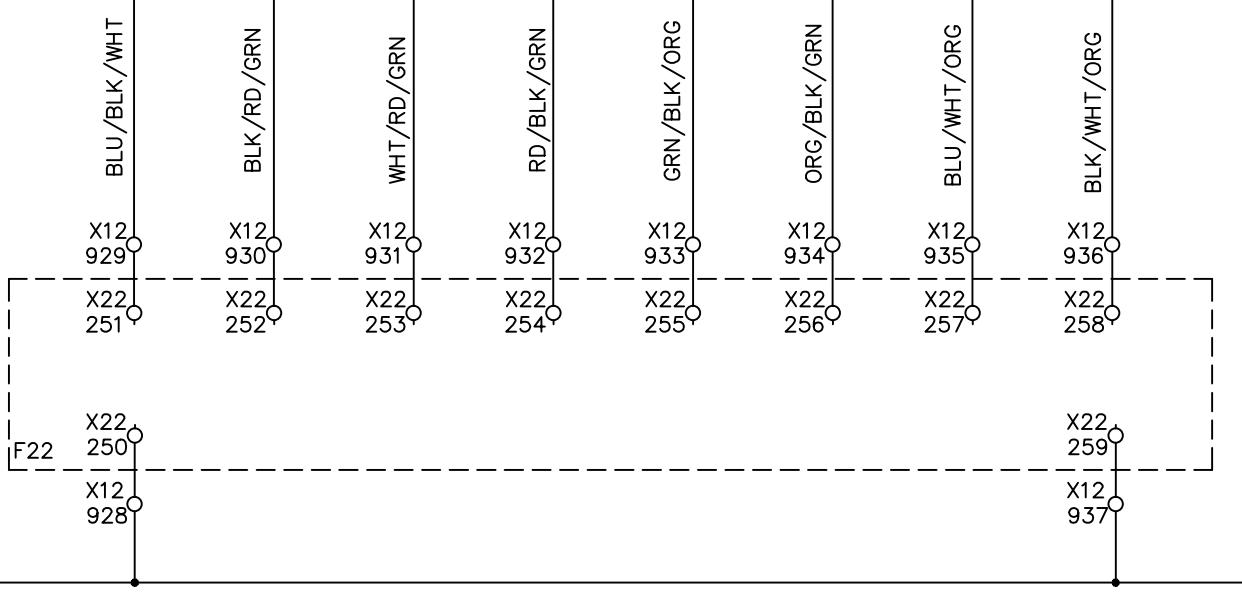
W[8021].8 W[8071].8 W[8121].8 W[8171].8 W[8221].8 W[8271].8 W[8321].8 W[6021].8

OB4 8 OB4 9 OB4 A OB4 B OB4 C OB4 D OB4 E OB4 F

SLOT 8 / RACK 2

Allen Bradley  
1756-OB32

24	25	26	27	28	29	30	31
27	28	29	30	31	32	33	34



115/34

File Name : P116 slot 8 Allen Bradley 1756-OB32 rack2-4.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

## Line4 32 P.L.C. DIGITAL OUTPUT

				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	116		
						Total			
1	Add Terminal Number	Charlie Z.	06/05/19	DRAWING NO.		MATERIAL			
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

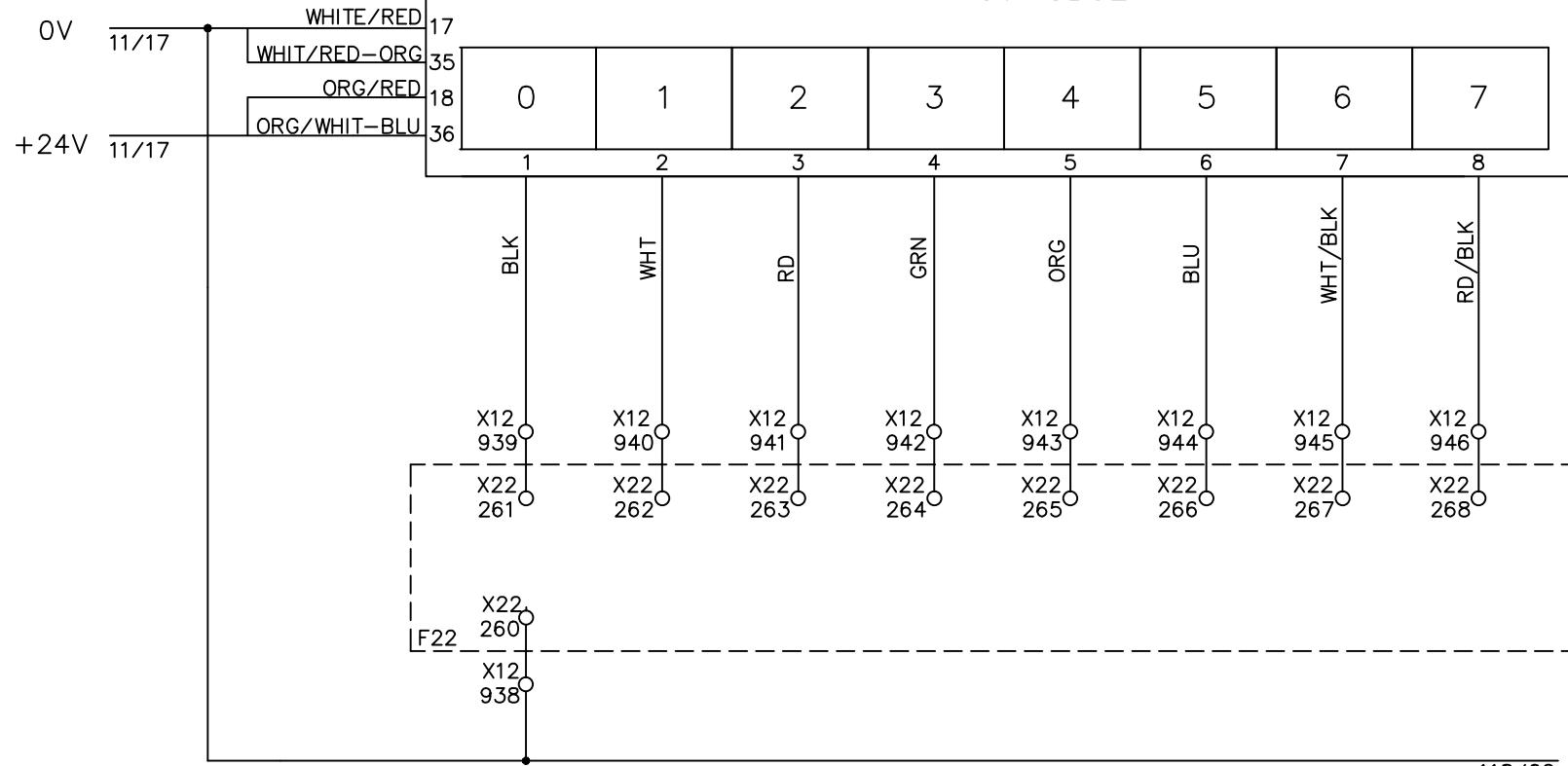
SAT. EXT. 2 Z1	SAT. EXT. 2 Z2	SAT. EXT. 2 Z3	SAT. EXT. 2 Z4	SAT. EXT. 2 Z5	SAT. EXT. 2 Z6	SAT. EXT. 2 Z7	ADAPTER SAT. EXT. 2
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H1210-15 H1210-16 H1210-17 H1210-18 H1210-19 H1210-20 H1210-21 H1210-30

W[8371].8 W[8421].8 W[8471].8 W[8521].8 W[8571].8 W[8621].8 W[8671].8 W[6171].8

OA5\_0 OA5\_1 OA5\_2 OA5\_3 OA5\_4 OA5\_5 OA5\_6 OA5\_7

SLOT 9 / RACK 2  
Allen Bradley  
1756-OB32



118/02

File Name : P117 slot 9 Allen Bradley 1756-OB32 rack2-1.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 32 P.L.C. DIGITAL OUTPUT

DRAWN BY Rufus Huang

CHECKED BY JERRY WU

					DRAWING DESCRIPTION	KF023 E12 X12 DOOR 6	Page #	117
							Total	
1	Add Terminal Number	Charlie Z.	06/05/19	DRAWING NO.			MATERIAL	
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT MM

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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FREE

FREE

FREE

FREE

HEATING  
OF  
DIVERTERDIE  
HEATER  
Z1DIE  
HEATER  
Z2DIE  
HEATER  
Z3

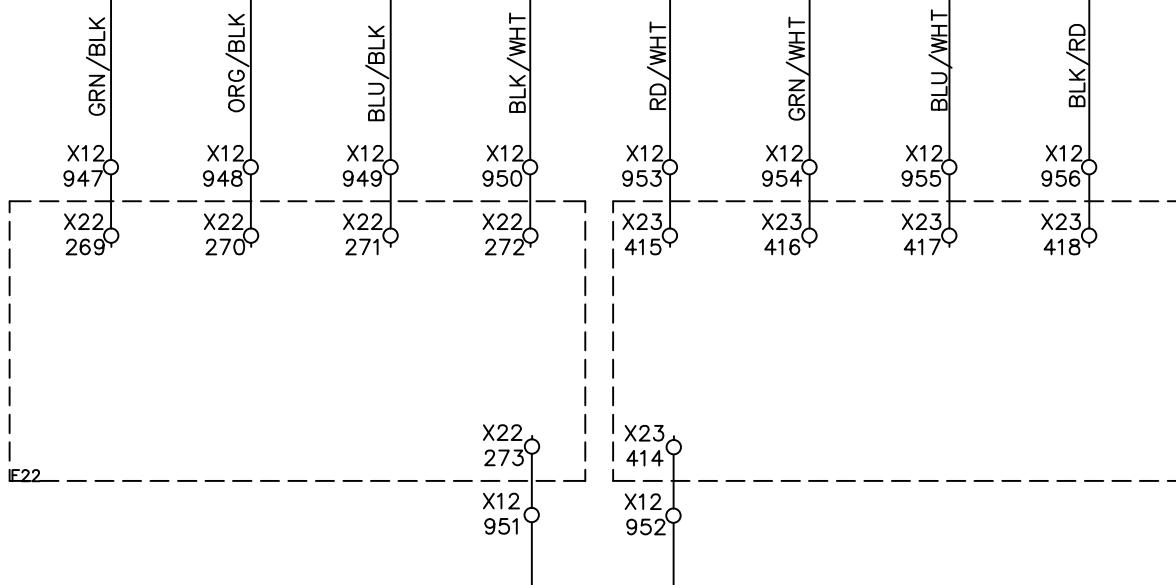
H1250-01 H1260-01 H1260-02 H1260-03

W[7221].C W[7271].8 W[7321].8 W[7371].8

OA5\_8 OA5\_9 OA5\_A OA5\_B OA5\_C OA5\_D OA5\_E OA5\_F

SLOT 9 / RACK 2  
 Allen Bradley  
 1756-OB32

8	9	10	11	12	13	14	15
9	10	11	12	13	14	15	16



117/33

119/02

File Name : P118 slot 9 Allen Bradley 1756-OB32 rack2-2.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 32 P.L.C. DIGITAL OUTPUT

DRAWING  
DESCRIPTION  
KF023 F12  
X12 DOOR 6Page #  
118  
Total

DRAWN BY Rufus Huang

CHECKED BY JERRY WU

1	Add Terminal Number	Charlie Z.	06/05/19	DRAWING NO.		MATERIAL
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE
					NONE	UNIT
					MM	

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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DIE HEATER Z4	DIE HEATER Z5	DIE HEATER Z6	DIE HEATER Z7	STATIC MIXER HEATING	STATIC MIXER CONNECTIONS	SAT. 1 HEATING FILTER	SAT. 2 HEATING FILTER
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H1260-04	H1260-05	H1260-06	H1260-07	H1251-01	H1251-02	H1232-01	H1232-02
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W[7421].8	W[7471].8	W[7521].8	W[7571].8	W[7121].8	W[7171].8	W[6071].8	W[6220].8
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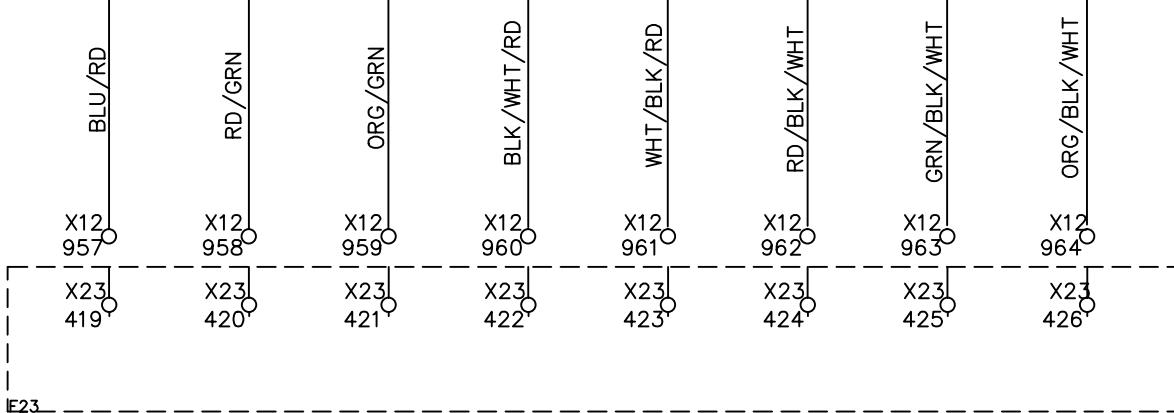
OB5_0	OB5_1	OB5_2	OB5_3	OB5_4	OB5_5	OB5_6	OB5_7
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SLOT 9 / RACK 2

Allen Bradley

1756-OB32

16	17	18	19	20	21	22	23
19	20	21	22	23	24	25	26



118/34

120/02

File Name : P119 slot 9 Allen Bradley 1756-OB32 rack2-3.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 32 P.L.C. DIGITAL OUTPUT

				DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	119
						Total	
DRAWN BY	Rufus Huang					MATERIAL	
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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MAIN EXTR STATIC MIXER	MONOLAYER DIVERTER ZONE1	MONOLAYER DIVERTER ZONE2	MONOLAYER DIVERTER ZONE3	FREE		FREE	FREE
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OB5\_8 OB5\_9 OB5\_A OB5\_B OB5\_C OB5\_D OB5\_E OB5\_F

SLOT 9 / RACK 2

Allen Bradley

1756-OB32

24

25

26

27

28

29

30

31

27

28

29

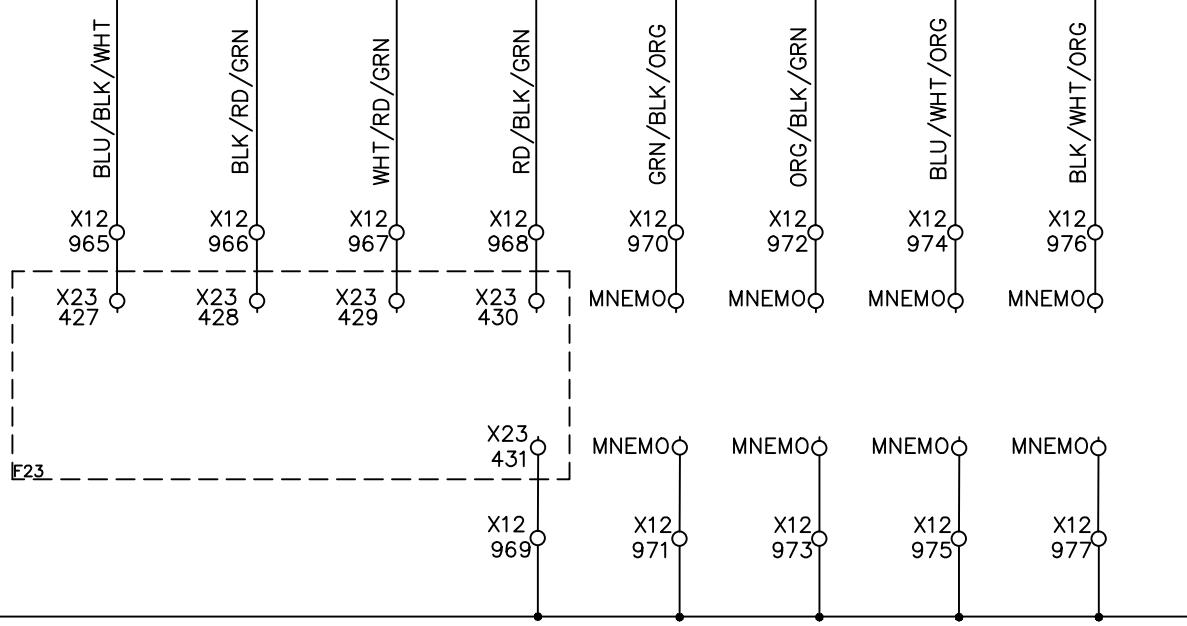
30

31

32

33

34



119/34

File Name : P120 slot 9 Allen Bradley 1756-OB32 rack2-4.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 32 P.L.C. DIGITAL OUTPUT

DRAWN BY Rufus Huang

CHECKED BY JERRY WU

					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	120
							Total	
1	Add Terminal Number	Charlie Z.	06/05/19	DRAWING NO.			MATERIAL	
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT

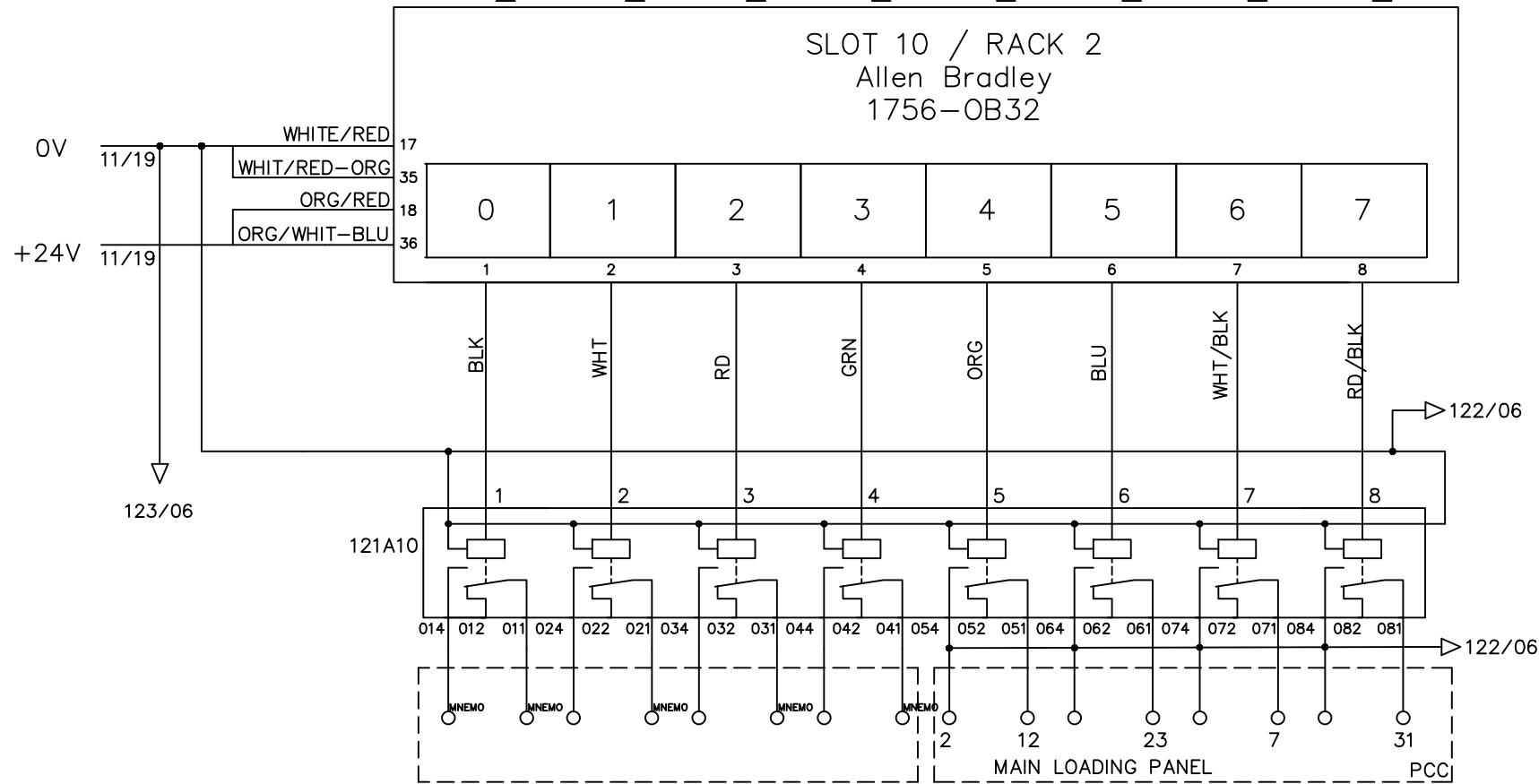
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

FREE FREE FREE FREE HOMOPOLYMER SILO RECLAIM MATERIAL COPOLYMER SILO CO-  
SILO DRYER HI

C1103-01 C1103-02 C1122-01 C1122-02 LSH1104-02 LSH1104-04 LSL1123-01 LSL1123-02

HOMO RECLAIM SAT1 SAT2 DRYEA DRYEA DRYEA DRYEA

OA6\_0 OA6\_1 OA6\_2 OA6\_3 OA6\_4 OA6\_5 OA6\_6 OA6\_7



File Name : P121 slot 10 Allen Bradley 1756-OB32 rack2-1.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

## Line4 32 P.L.C. DIGITAL OUTPUT

			DRAWING DESCRIPTION	KF023 F12	Page #	121			
					Total				
1	Add Terminal Number	Charlie Z.	06/05/19	DRAWING NO.		MATERIAL			
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

SAT EXT. 1	SAT EXT. 1	COPOLYMER SILO	COPOLYMER2 SILO DRYER HI	SAT EXT. 2	SAT EXT. 2	HOMOPOLY MER SILO	RECLAIM MATERIAL
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LSL1124-01 LSL1124-02 LSL1123-03 LSH1123-04 LSL1124-03 LSL1124-04 LSL1104-01 LSL1104-03

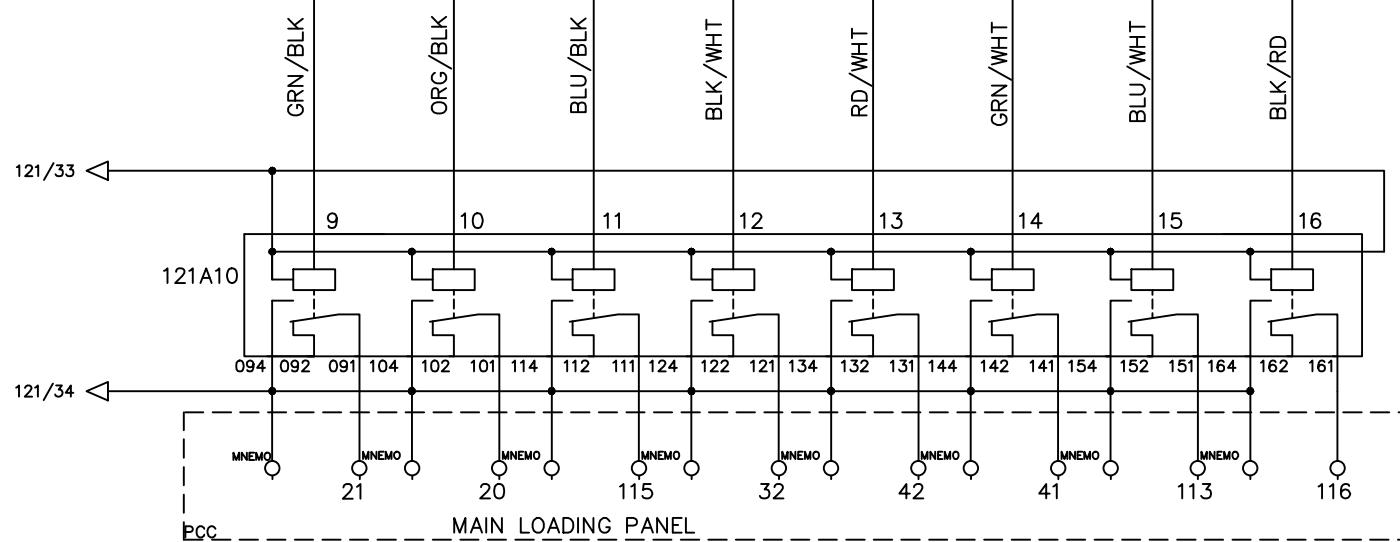
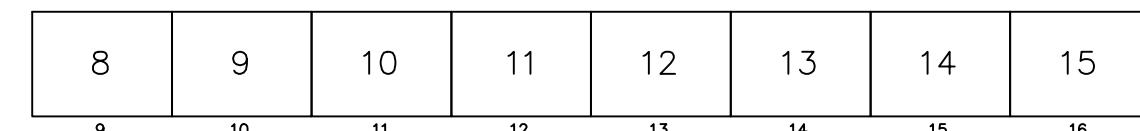
HOPPER HOPPER DRYER DRYER HOPPER HOPPER DRYER DRYER

W[4943].E W[4943].D NOT I94.E W[4943].2 W[4943].4

OA6\_8 OA6\_9 OA6\_A OA6\_B OA6\_C OA6\_D OA6\_E OA6\_F

SLOT 10 / RACK 2

Allen Bradley  
1756-OB32



File Name : P122 slot 10 Allen Bradley 1756-OB32 rack2-2.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 32 P.L.C. DIGITAL OUTPUT

DRAWING  
DESCRIPTION  
KF023 F12

Page #  
122  
Total

DRAWN BY Rufus Huang

CHECKED BY JERRY WU

1	Add Terminal Number	Charlie Z.	06/05/19	DRAWING NO.		MATERIAL
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE
					NONE	UNIT
					MM	

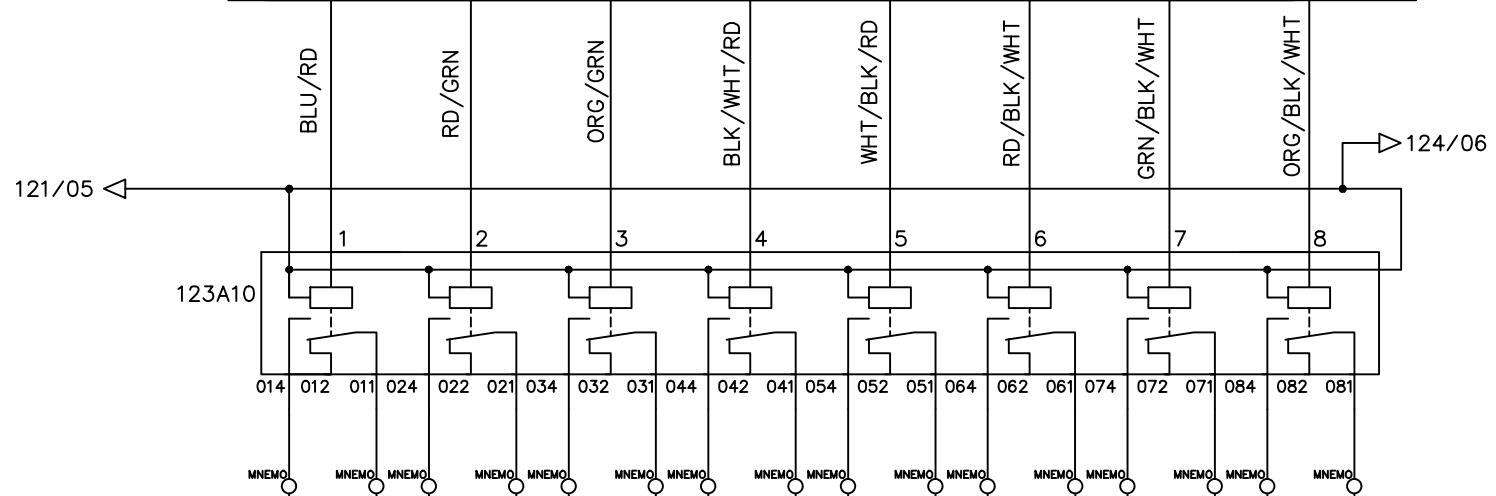
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FREE							
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OB6\_0 OB6\_1 OB6\_2 OB6\_3 OB6\_4 OB6\_5 OB6\_6 OB6\_7

SLOT 10 / RACK 2  
Allen Bradley  
1756-OB32

16	17	18	19	20	21	22	23
19	20	21	22	23	24	25	26



File Name : P123 slot 10 Allen Bradley 1756-OB32 rack2-3.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 32 P.L.C. DIGITAL OUTPUT

DRAWING DESCRIPTION  
KF023  
F12

Page #  
123  
Total

DRAWN BY Rufus Huang

CHECKED BY JERRY WU

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM
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00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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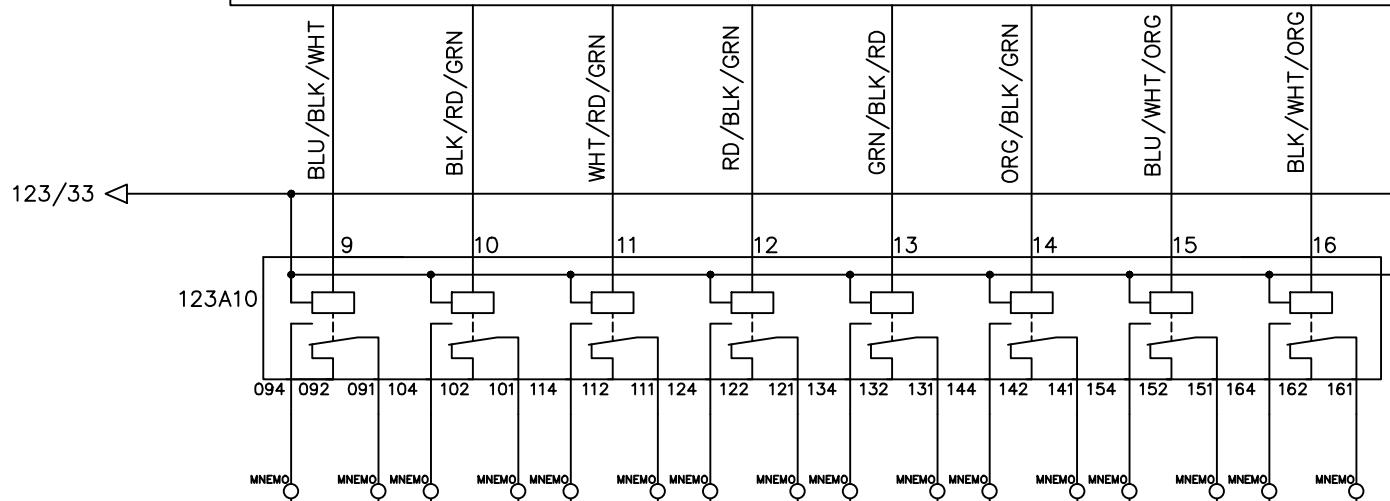
FREE							
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OB6\_8 OB6\_9 OB6\_A OB6\_B OB6\_C OB6\_D OB6\_E OB6\_F

SLOT 10 / RACK 2

Allen Bradley  
1756-OB32

24	25	26	27	28	29	30	31
27	28	29	30	31	32	33	34



File Name : P124 slot 10 Allen Bradley 1756-OB32 rack2-4.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 32 P.L.C. DIGITAL OUTPUT

DRAWING DESCRIPTION  
KF023  
F12

Page #  
124  
Total

DRAWN BY Rufus Huang

CHECKED BY JERRY WU

1	Add Terminal Number	Charlie Z.	06/05/19	DRAWING NO.		MATERIAL
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE
					NONE	UNIT
					MM	

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

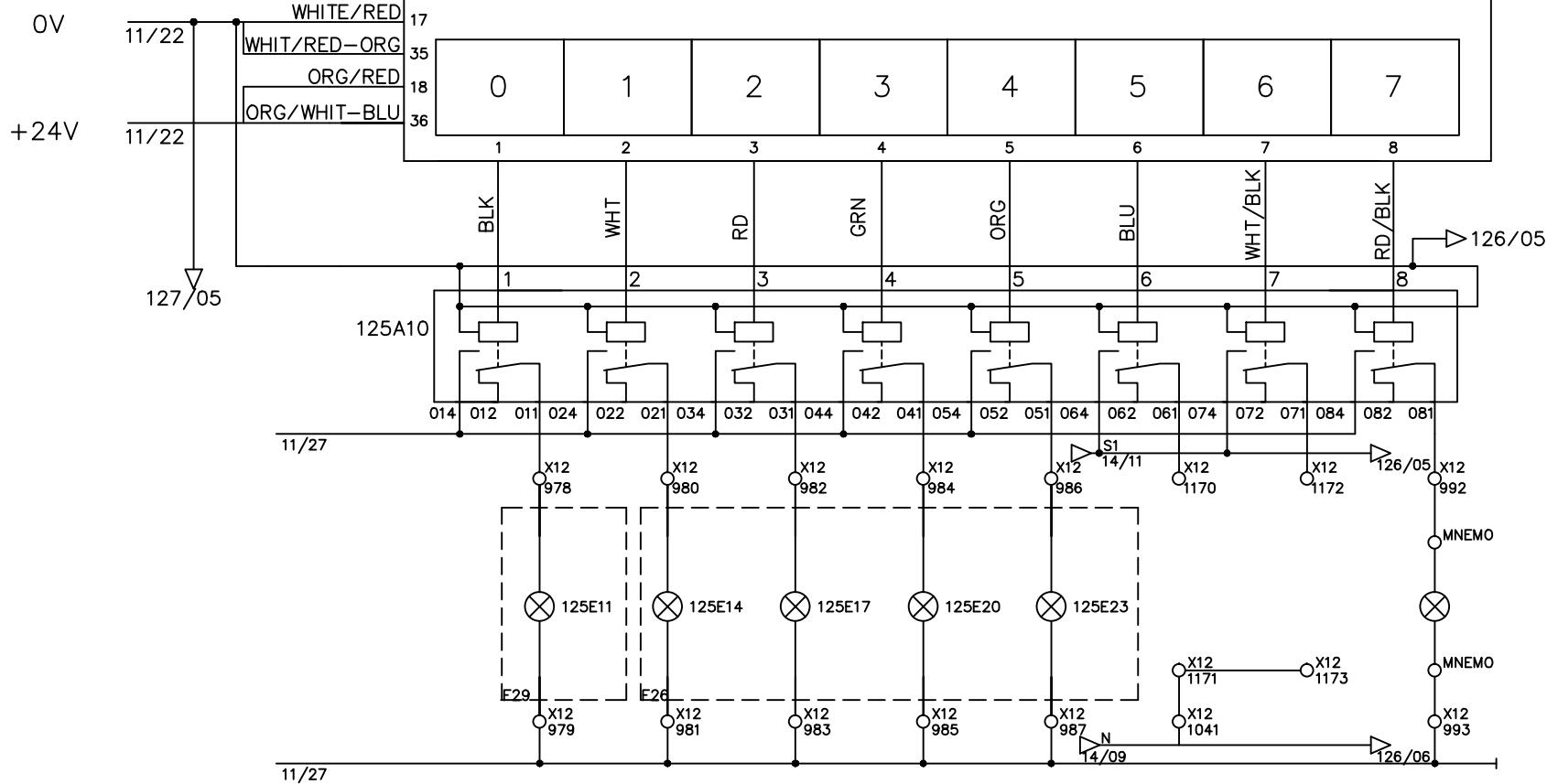
	FEEDING VALVE OPEN	HIGH LEVEL HOMOPOL. SLIO	HIGH LEVEL RECLAIM MAT	HIGH LEVEL COPOL SAT. 1	HIGH LEVEL COPOL SAT. 2	COOLING FEEDING ZONE EXT. 2	EXHAUST SOLENOID VALVE CONNAR	ALARM LIGHT N CTRL ROOM
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W[4943].3 W[4943].5 W[4943].1 W[4943].E W[4929].8

OA7\_0 OA7\_1 OA7\_2 OA7\_3 OA7\_4 OA7\_5 OA7\_6 OA7\_7

SLOT 11 / RACK 2

Allen Bradley  
1756-OB32



File Name : P125 slot 11 Allen Bradley 1756-OB32 rack2-1.dwg

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 32 P.L.C. DIGITAL OUTPUT

DRAWING  
DESCRIPTION  
KF023 E12  
X12 DOOR 6

Page #  
125  
Total

DRAWN BY Rufus Huang

CHECKED BY JERRY WU

REV. NO

REV. DESCRIPTION

REV. BY: Charlie Z.

REV. DATE: 06/05/19

DRAWN DATE: 05-01-2018

SCALE: NONE

UNIT: MM

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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REMOTE START	REMOTE STOP	REMOTE START	REMOTE STOP	REMOTE START	REMOTE STOP	REMOTE START	REMOTE STOP
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C1103-01	C1103-01	C1103-02	C1103-02	C1122-01	C1122-01	C1122-02	C1122-02
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W[515].0	W[515].1	W[515].9	W[515].A
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OA7_8	OA7_9	OA7_A	OA7_B	OA7_C	OA7_D	OA7_E	OA7_F
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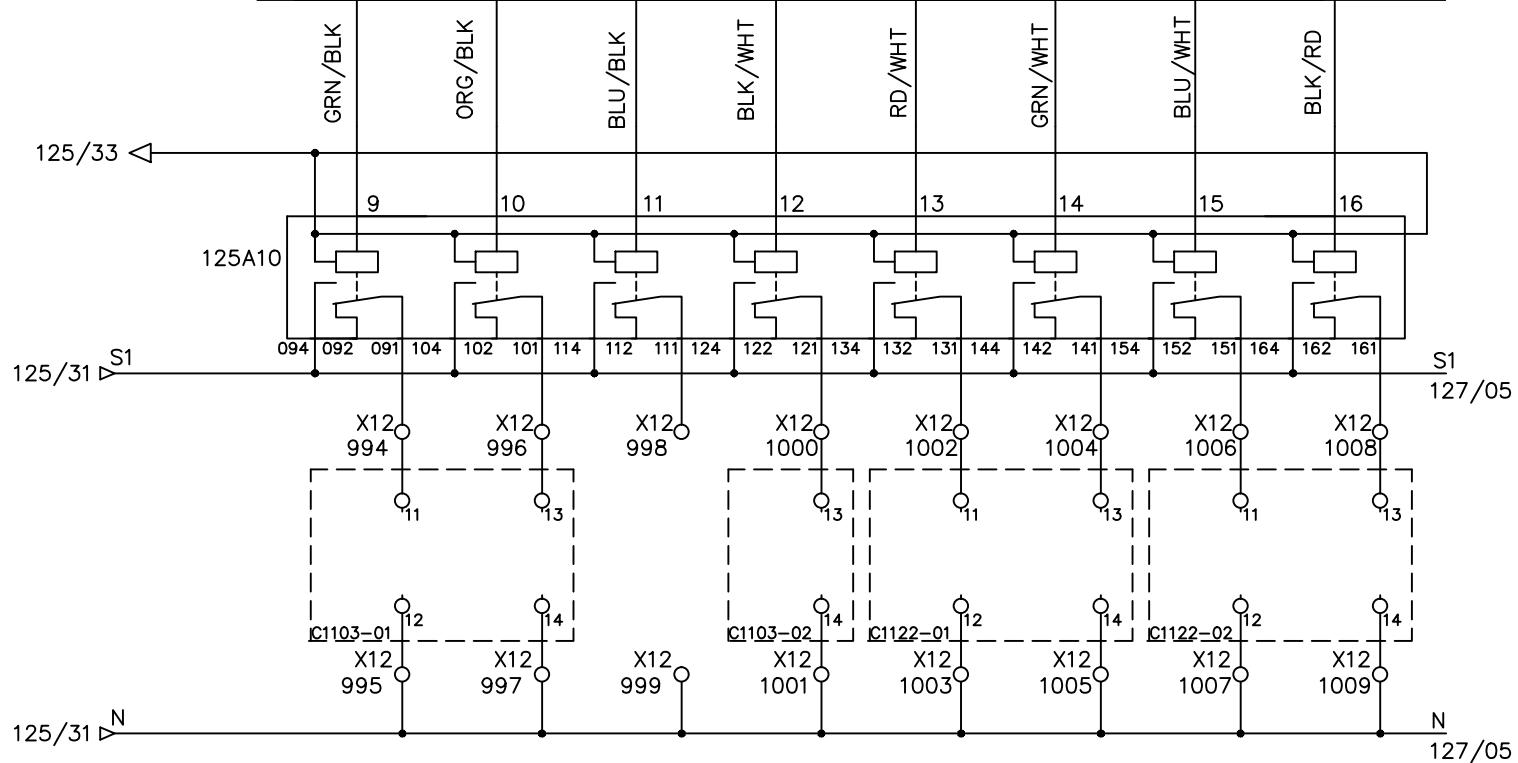
SLOT 11 / RACK 2

Allen Bradley

1756-OB32

8	9	10	11	12	13	14	15
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9	10	11	12	13	14	15	16
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File Name : P126 slot 11 Allen Bradley 1756-OB32 rack2-2.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 32 P.L.C. DIGITAL OUTPUT

DRAWING  
DESCRIPTION  
KF023 E12  
X12 DOOR 6

Page #  
126  
Total

DRAWN BY Rufus Huang

CHECKED BY JERRY WU

1	Add Terminal Number	Charlie Z.	06/05/19	DRAWING NO.		MATERIAL
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE
					NONE	UNIT
					MM	

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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FEEDING VALVE	CONAIR RIGHT BAG	SECONDARY MELTLINE 1 PART	SECONDARY MELTLINE 2 PART	MELTLINE SAT. EXT. 1	MELTLINE SAT. EXT. 2	COOL.EXT.1 FEEDING ZONE	COOLING EXT. 1 Z1
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SV1114-01

SV1240-03 SV1240-04 SV1245-01 SV1245-02 SV1200-00 SV1200-01

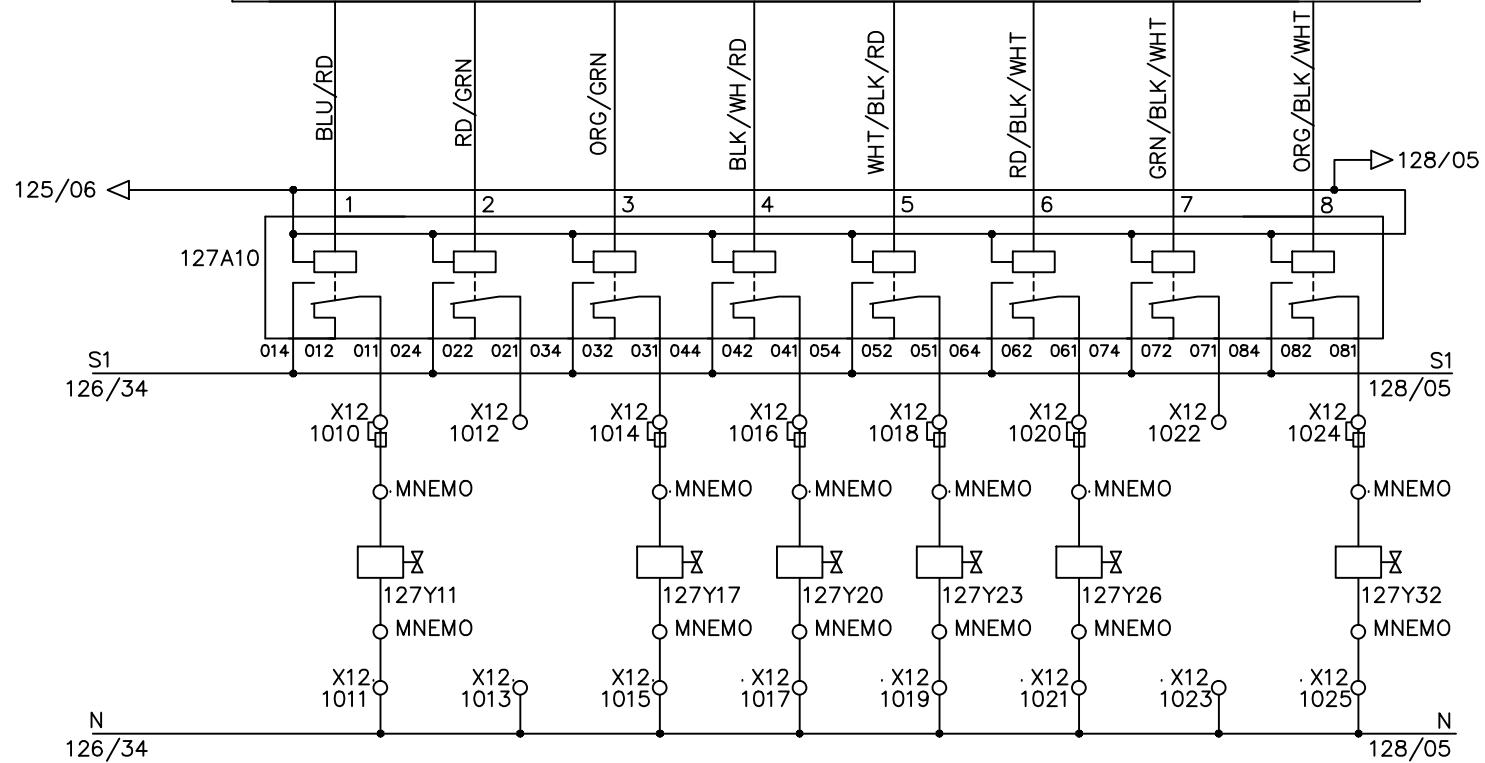
W[4929].7 W[508].E

OB7\_0 OB7\_1 OB7\_2 OB7\_3 OB7\_4 OB7\_5 OB7\_6 OB7\_7

SLOT 11 / RACK 2  
Allen Bradley  
1756-OB32

16	17	18	19	20	21	22	23
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19	20	21	22	23	24	25	26
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File Name : P127 slot 11 Allen Bradley 1756-OB32 rack2-3.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 32 P.L.C. DIGITAL OUTPUT

DRAWING DESCRIPTION	KF023 F12	Page #	127
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X12 DOOR 6	Total
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1	Add Terminal Number	Charlie Z.	06/05/19	DRAWING NO.			MATERIAL
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REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM
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DRAWN BY Rufus Huang

CHECKED BY JERRY WU

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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COOLING EXT. 1 Z2	COOLING EXT. 1 Z3	COOLING EXT. 1 Z4	CONN AIR LEFT BAG	COOLING EXT. 2 Z1	COOLING EXT. 2 Z2	COOLING EXT. 2 Z3	COOLING EXT. 2 Z4
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SV1200-02 SV1200-03 SV1200-04

SV1200-06 SV1200-07 SV1200-08 SV1200-09

W[508].F W[509].0 W[509].1

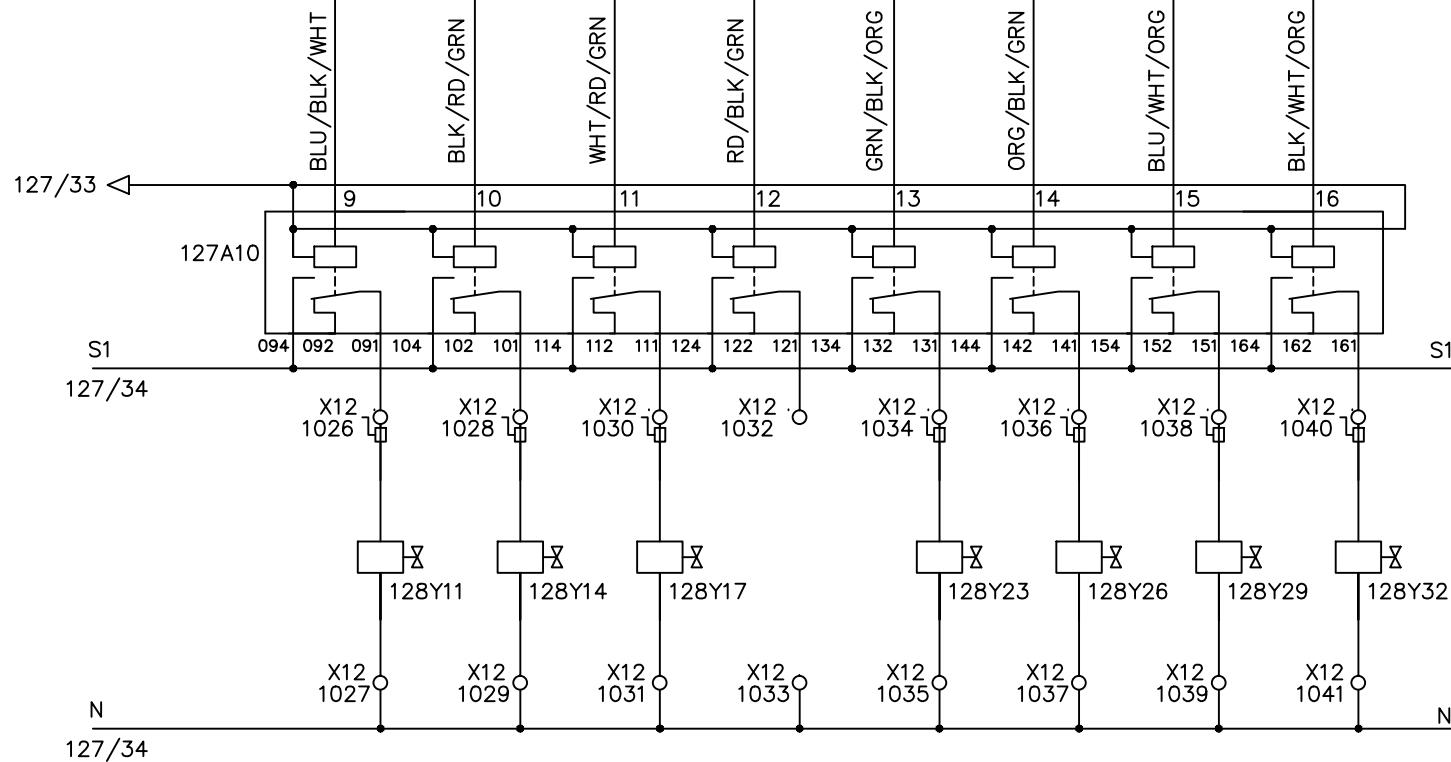
W[509].2 W[509].3 W[509].4

OB7\_8 OB7\_9 OB7\_A OB7\_B OB7\_C OB7\_D OB7\_E OB7\_F

SLOT 11 / RACK 2

Allen Bradley  
1756-OB32

24	25	26	27	28	29	30	31
27	28	29	30	31	32	33	34



File Name : P128 slot 11 Allen Bradley 1756-OB32 rack2-4.dwg

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

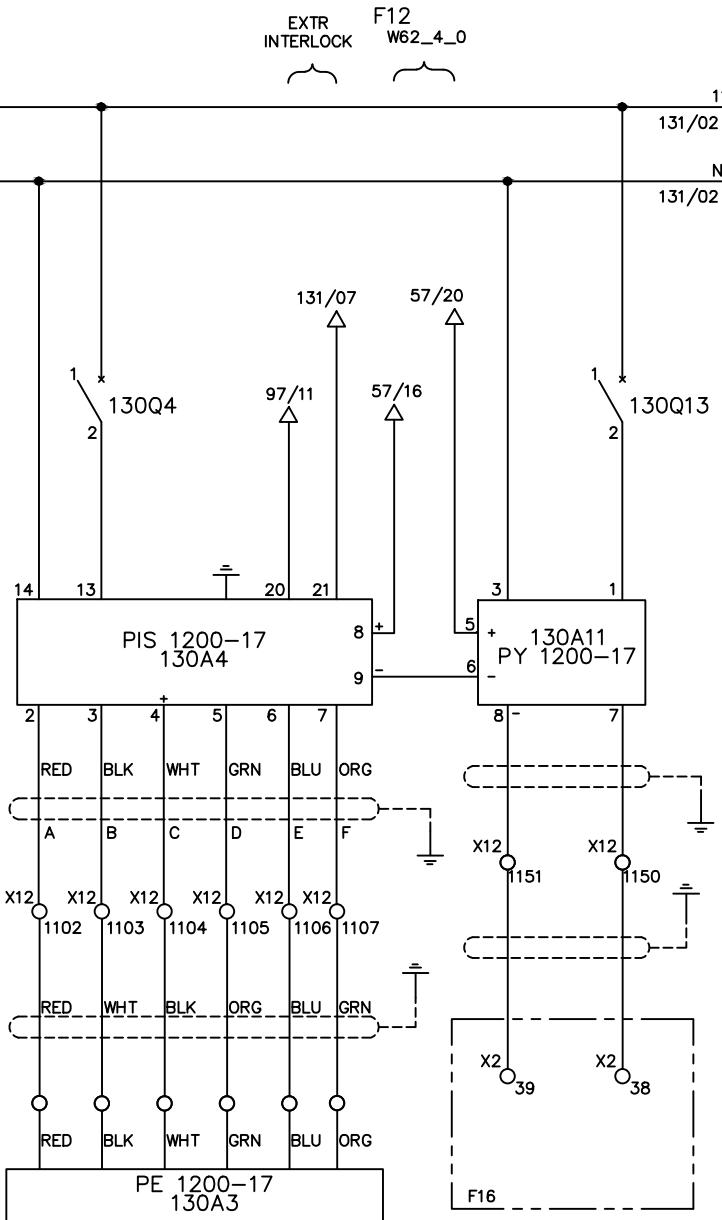
Line4 32 P.L.C. DIGITAL OUTPUT

DRAWING  
DESCRIPTION KF023 F12  
X12 DOOR 6Page # 128  
Total

DRAWN BY Rufus Huang

CHECKED BY JERRY WU

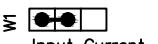
1	Add Terminal Number	Charlie Z.	06/06/19	DRAWING NO.		MATERIAL	
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	SCALE	UNIT	MM



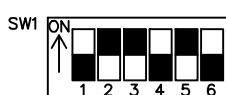
MARKS	DESIGNATION	MANUFACTURER	SCALES
PE 1200-17	TPT463E	DYNISCO	B-345 bars
PIS 1200-17	UPR900	DYNISCO	4-20mA
PY 1200-17	4380	Action Pak	4-20mA
<hr/>			
MEAN	UPR690	UPR700	UPR900
SIG(+)	6	12	2
SIG(-)	7	13	3
EXCIT(+)	8	16	4
EXCIT(-)	9	17	5
CAL.SW,1	10	17	6
CAL.SW,2	11	14	7
OUT(+)	4	21	8
OUT(-)	5	22	9
C	26	46	20
NO	25	45	21
GND	33	55	X
110V	31	53	13
O	32	54	14

Action Pak 4380

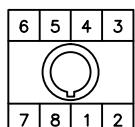
- 1: POWER (HOT)
  - 2: SHIELD(GND)
  - 3: POWER(NEU)
  - 4: NOT USED(N/A)
  - 5: + INPUT
  - 6: - INPUT
  - 7: + OUTPUT
  - 8: - OUTPUT



### Input Current



Input 20mA



SW2

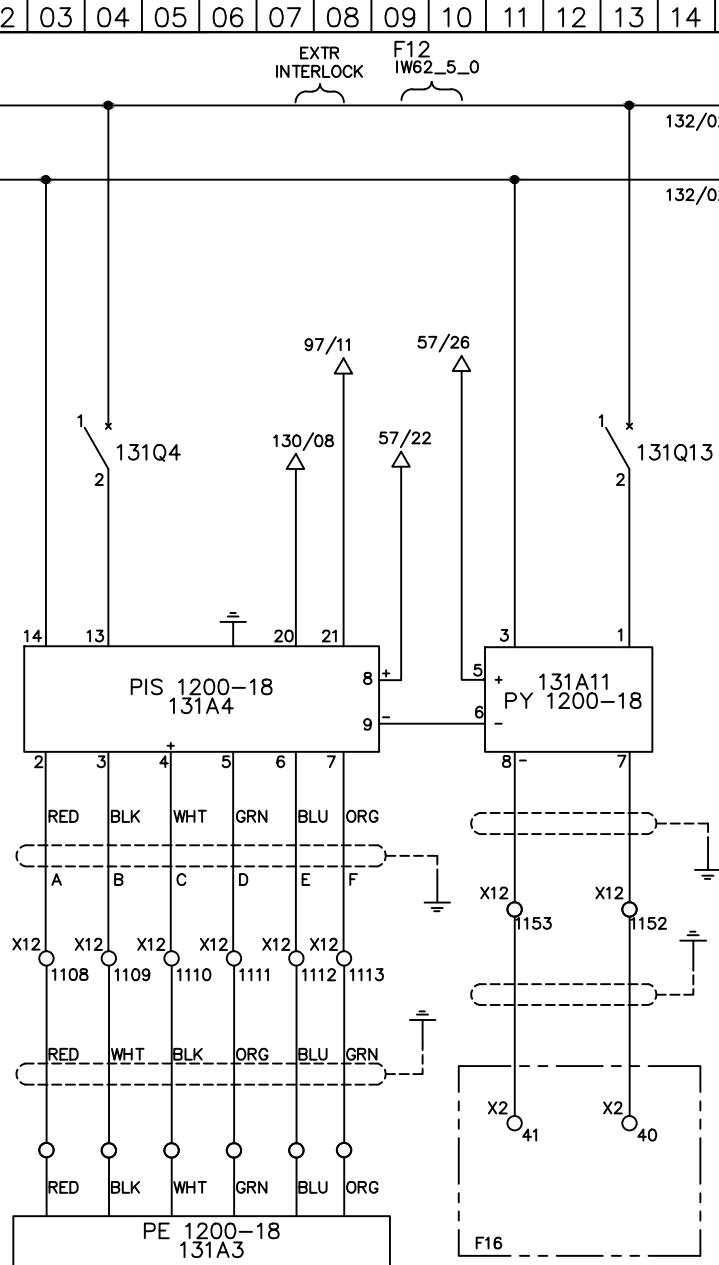
ON

↑

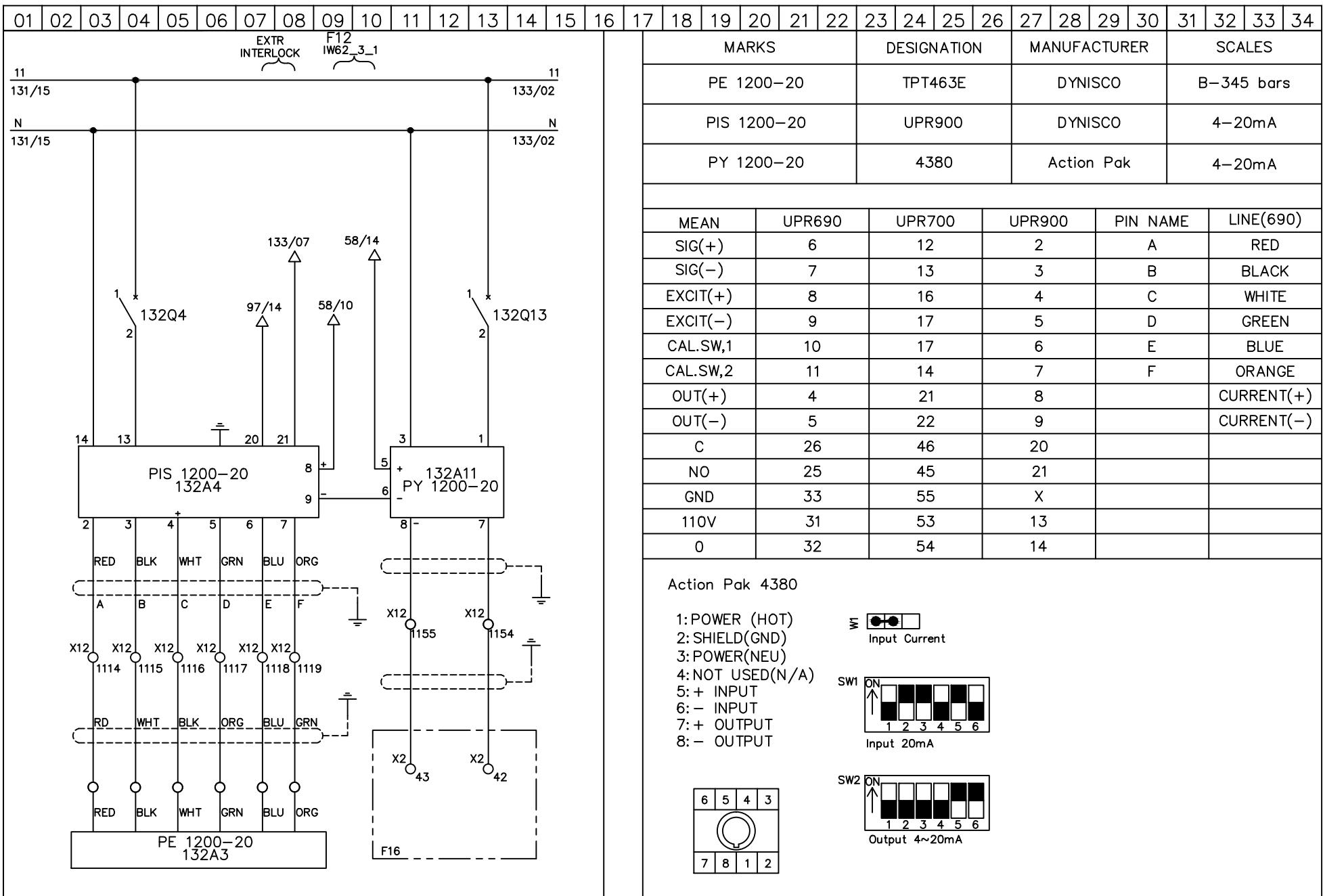
1	2	3	4	5	6
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Output 4~20mA

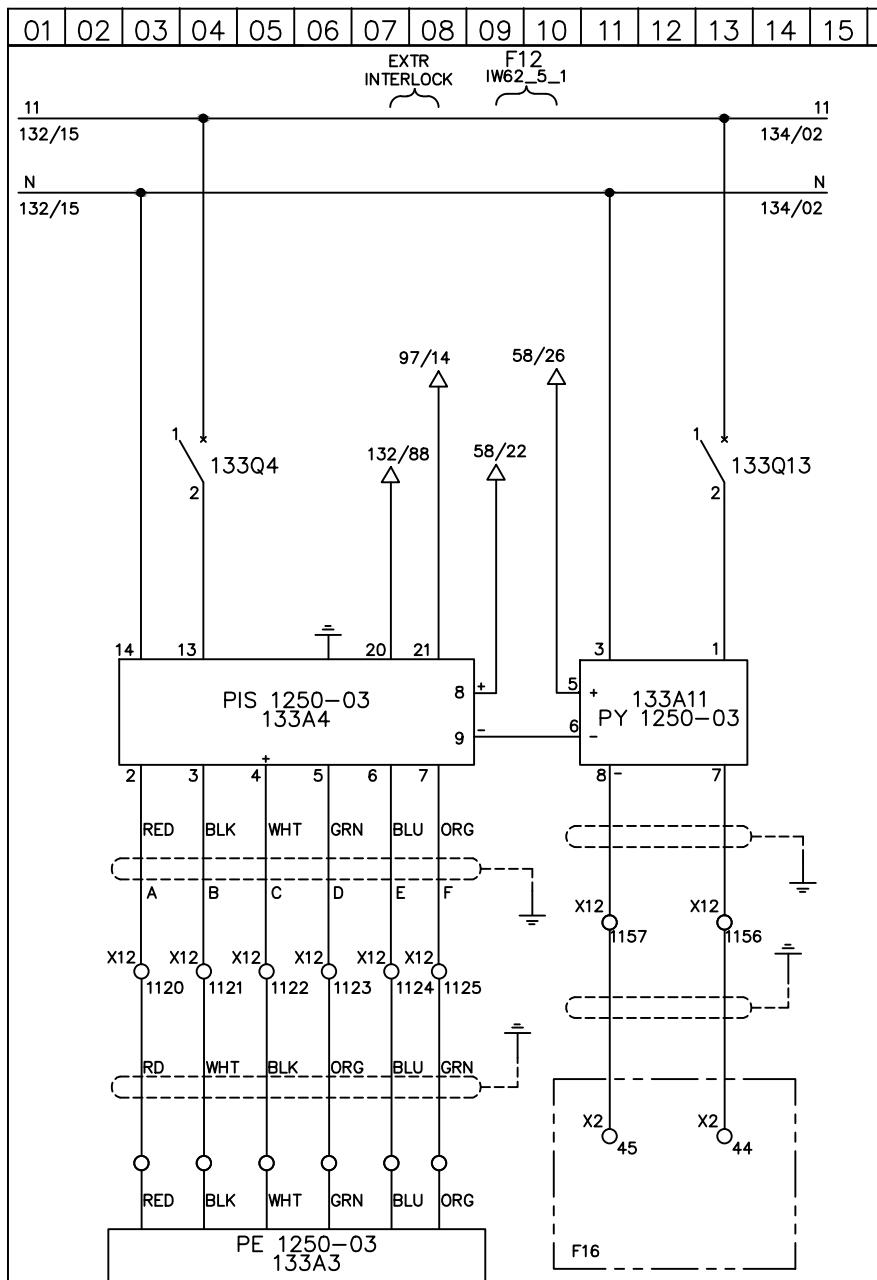
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34																				
<b>EXTR INTERLOCK</b> <b>F12 IW62_5_0</b>																																																					



18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
							DRAWING DESCRIPTION		KF023			Page #		131		
												Total				
							DRAWING NO.					MATERIAL				
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	10/15/2018		SCALE	NONE	UNIT	MM						



01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.														Line4 MELT PRESSURE AFTER EXT.2 PE 1200-20 (P514, 0-5000PSI)																		
DRAWN BY	Charlie Zhang														DRAWING DESCRIPTION																		
CHECKED BY	VINCENT HUANG														DRAWING NO.																		
															Page #																		
															Total																		
REV. NO	REV. DESCRIPTION														REV. BY:	REV. DATE																	
														DRAWN DATE: 10/15/2018																			
														SCALE		NONE		UNIT		MM													



Action Pak 4380

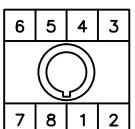
- 1: POWER (HOT)
  - 2: SHIELD(GND)
  - 3: POWER(NEU)
  - 4: NOT USED(N/A)
  - 5: + INPUT
  - 6: - INPUT
  - 7: + OUTPUT
  - 8: - OUTPUT



t Current



Input 20mA

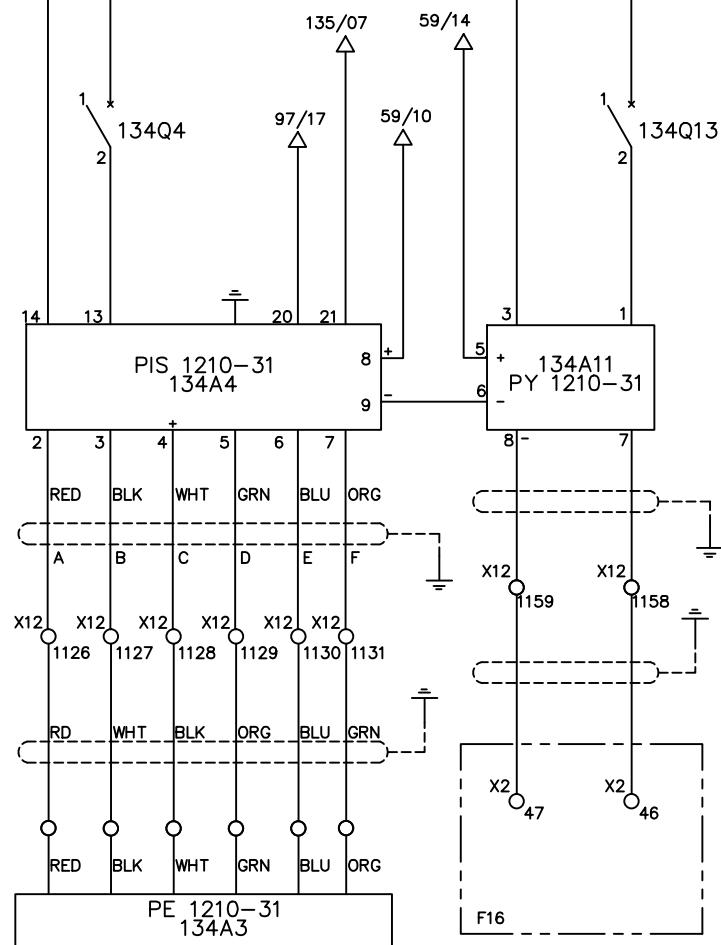


W2  
ON  
↑  
1 2 3 4 5 6  
Output 4~20mA

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17
 INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.	Line4 MELT PRESSURE BEFORE DIE										PE 1250-03 (P516, 0-3000PSI)					
DRAWN BY	Charlie Zhang															
CHECKED BY	VINCENT HUANG															

18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
							DRAWING DESCRIPTION		KF023			Page #		133		
												Total				
							DRAWING NO.					MATERIAL				
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	10/15/2018		SCALE	NONE	UNIT	MM						

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
																MARKS		DESIGNATION		MANUF ACTURER		SCALES											
11 133/15		F12 IW63_3_0		PE 1210-31		TPT463E		DYNISCO		B-345 bars																							
N 133/15				PIS 1210-31		UPR900		DYNISCO		4-20mA																							
				PY 1210-31		4380		Action Pak		4-20mA																							
				MEAN		UPR690		UPR700		UPR900		PIN NAME		LINE(690)																			
		SIG(+)		6		12		2		A		RED																					
		SIG(-)		7		13		3		B		BLACK																					
		EXCIT(+)		8		16		4		C		WHITE																					
		EXCIT(-)		9		17		5		D		GREEN																					
		CAL.SW,1		10		17		6		E		BLUE																					
		CAL.SW,2		11		14		7		F		ORANGE																					
		OUT(+)		4		21		8				CURRENT(+)																					
		OUT(-)		5		22		9				CURRENT(-)																					
		C		26		46		20																									
		NO		25		45		21																									
		GND		33		55		X																									
		110V		31		53		13																									
		0		32		54		14																									
Action Pak 4380																																	
 Input Current																																	
1: POWER (HOT) 2: SHIELD(GND) 3: POWER(NEU) 4: NOT USED(N/A) 5: + INPUT 6: - INPUT 7: + OUTPUT 8: - OUTPUT																																	
 SW1 ON ↑ 1 2 3 4 5 6																																	
Input 20mA																																	
 SW2 ON ↑ 1 2 3 4 5 6																																	
Output 4~20mA																																	

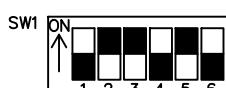


Action Pak 4380

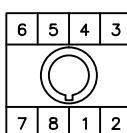
- 1: POWER (HOT)  
2: SHIELD(GND)  
3: POWER(NEU)  
4: NOT USED(N/A)  
5: + INPUT  
6: - INPUT  
7: + OUTPUT  
8: - OUTPUT



### **Current**



Input 20mA



SW2

ON

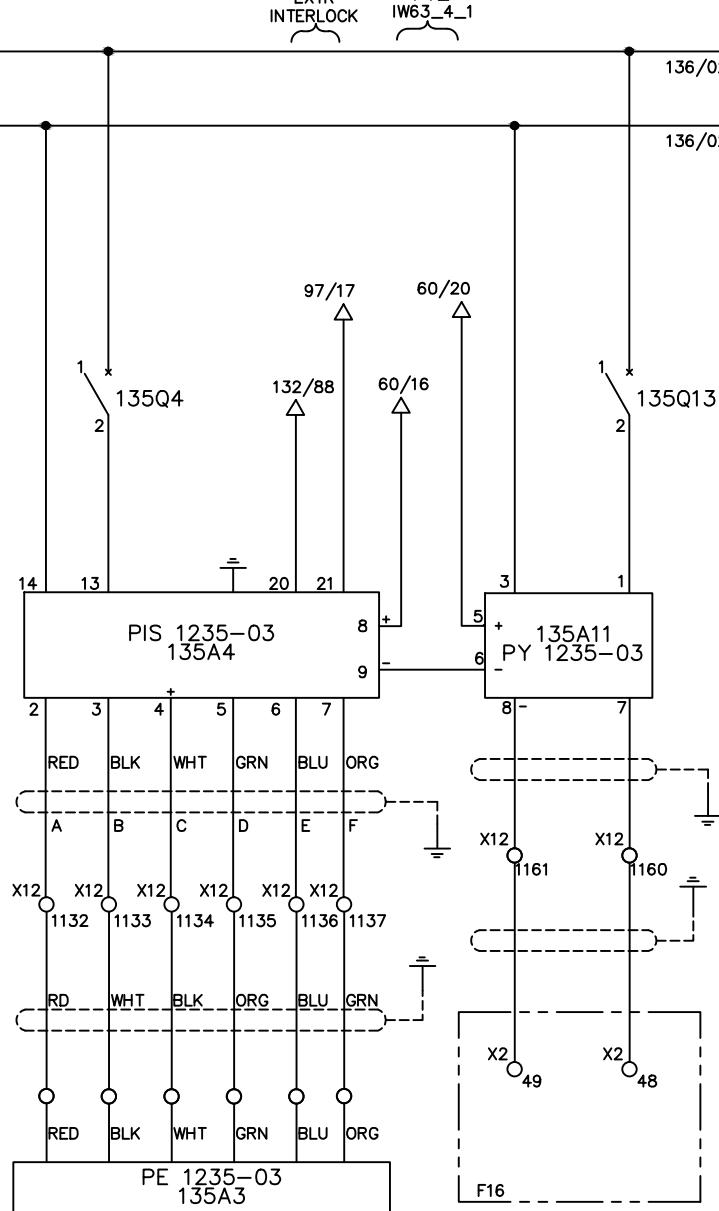
↑

1 2 3 4 5 6

Output 4~20mA

Output 4~20mA

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34			
	INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.		Line4 MELT PRESSURE AFTER SAT.1 PE 1210-31 (P501, 0-5000PSI)															DRAWING DESCRIPTION		<u>KF023</u>		Page #		134												
DRAWN BY	Charlie Zhang																		DRAWING NO.		Total															
CHECKED BY	VINCENT HUANG																REV. NO		REV. DESCRIPTION		REV. BY:		REV. DATE		DRAWN DATE:		10/15/2018		SCALE		NONE		UNIT		MM	

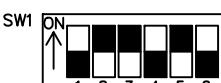


Action Pkg 4380

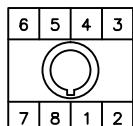
- 1:POWER (HOT)
  - 2:SHIELD(GND)
  - 3:POWER(NEU)
  - 4:NOT USED(N/A)
  - 5:+ INPUT
  - 6:- INPUT
  - 7:+ OUTPUT
  - 8:- OUTPUT



Unit Current

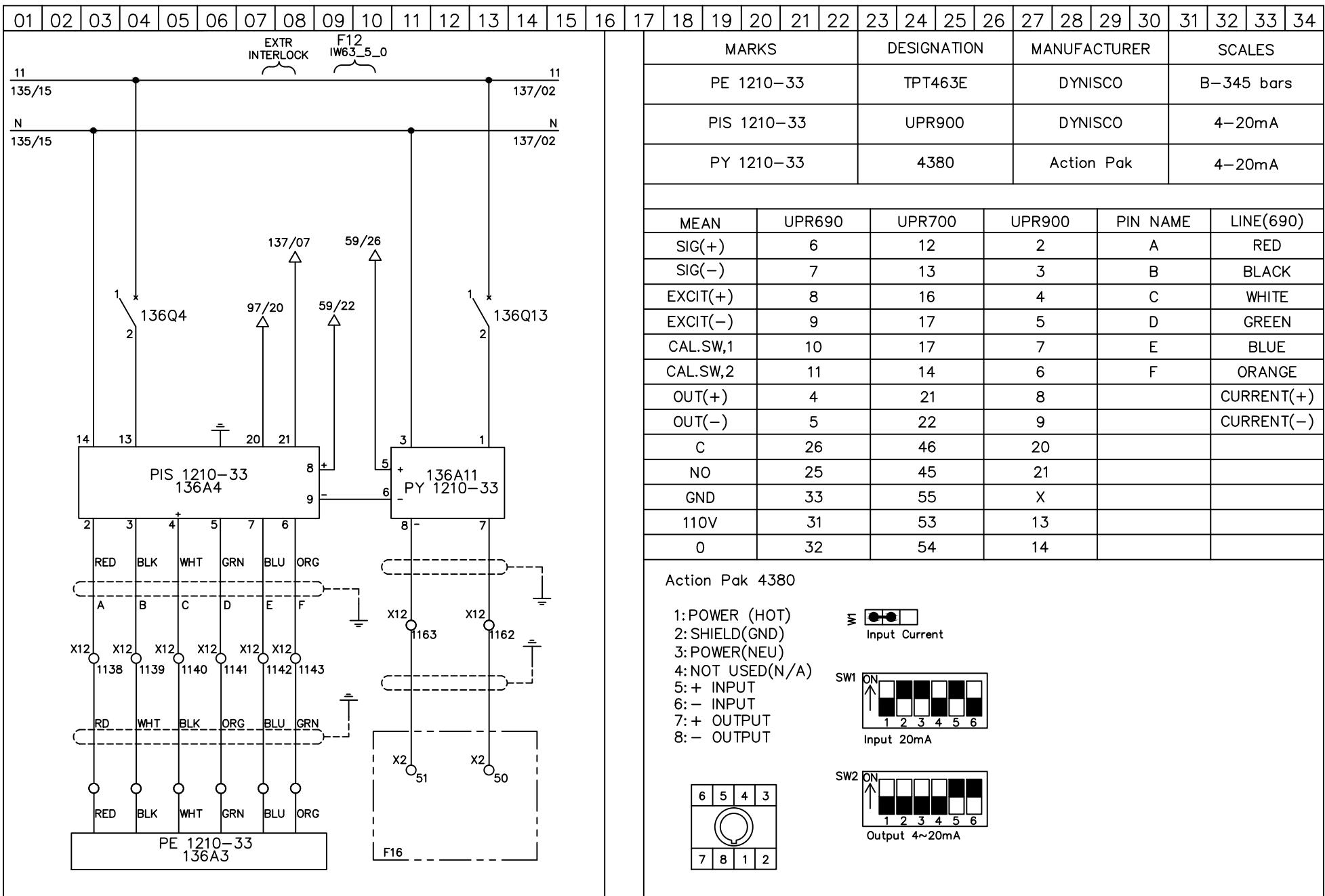


Input 20mA

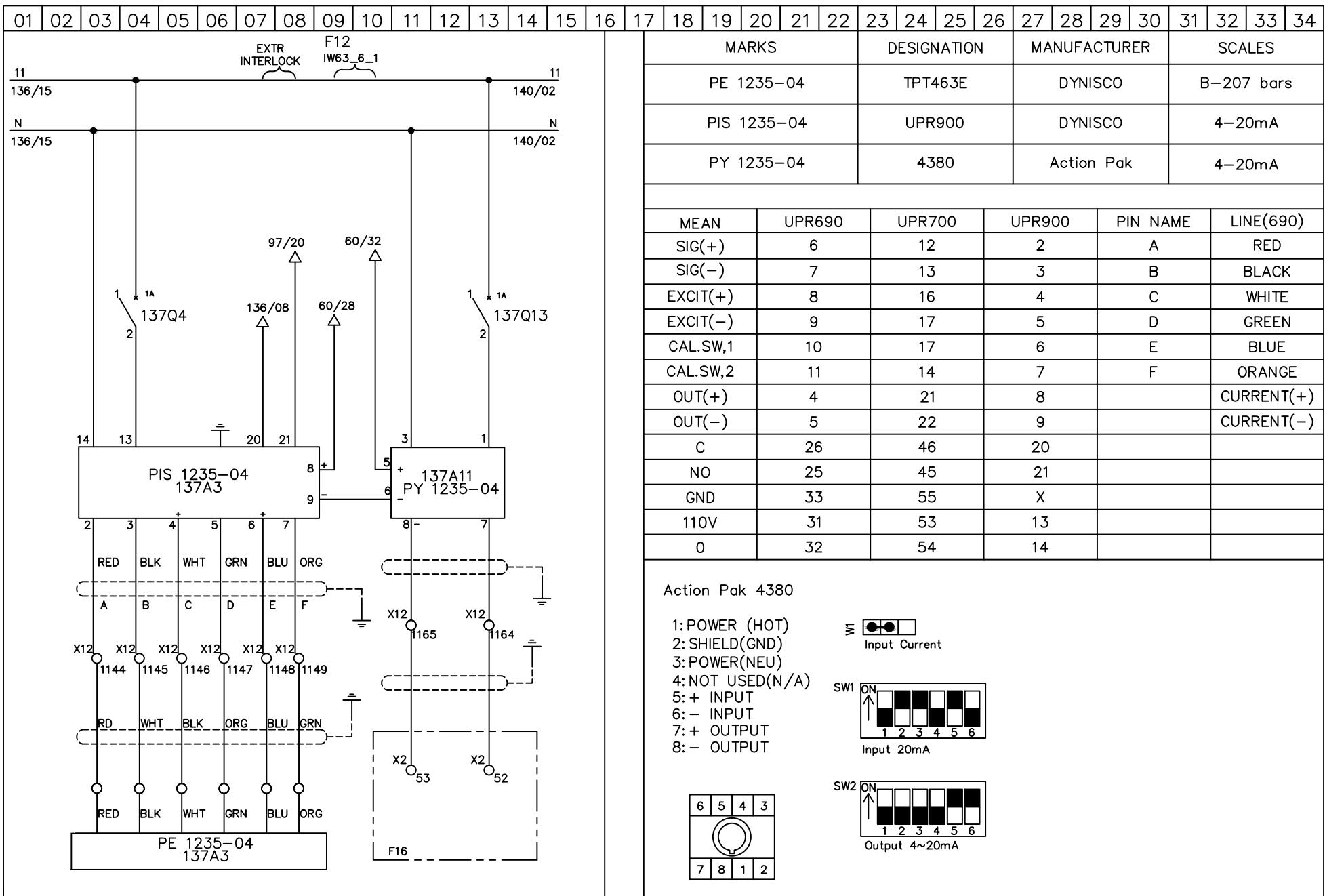


SW2

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line4 MELT PRESSURE BEFORE DIE PE 1235-03 (P503, 0-3000PSI)																DRAWING DESCRIPTION	<u>KF023</u>		Page #		135									
DRAWN BY	Charlie Zhang																		DRAWING NO.			Total											
CHECKED BY	VINCENT HUANG																		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	10/15/2018		SCALE	NONE	UNIT	MM				

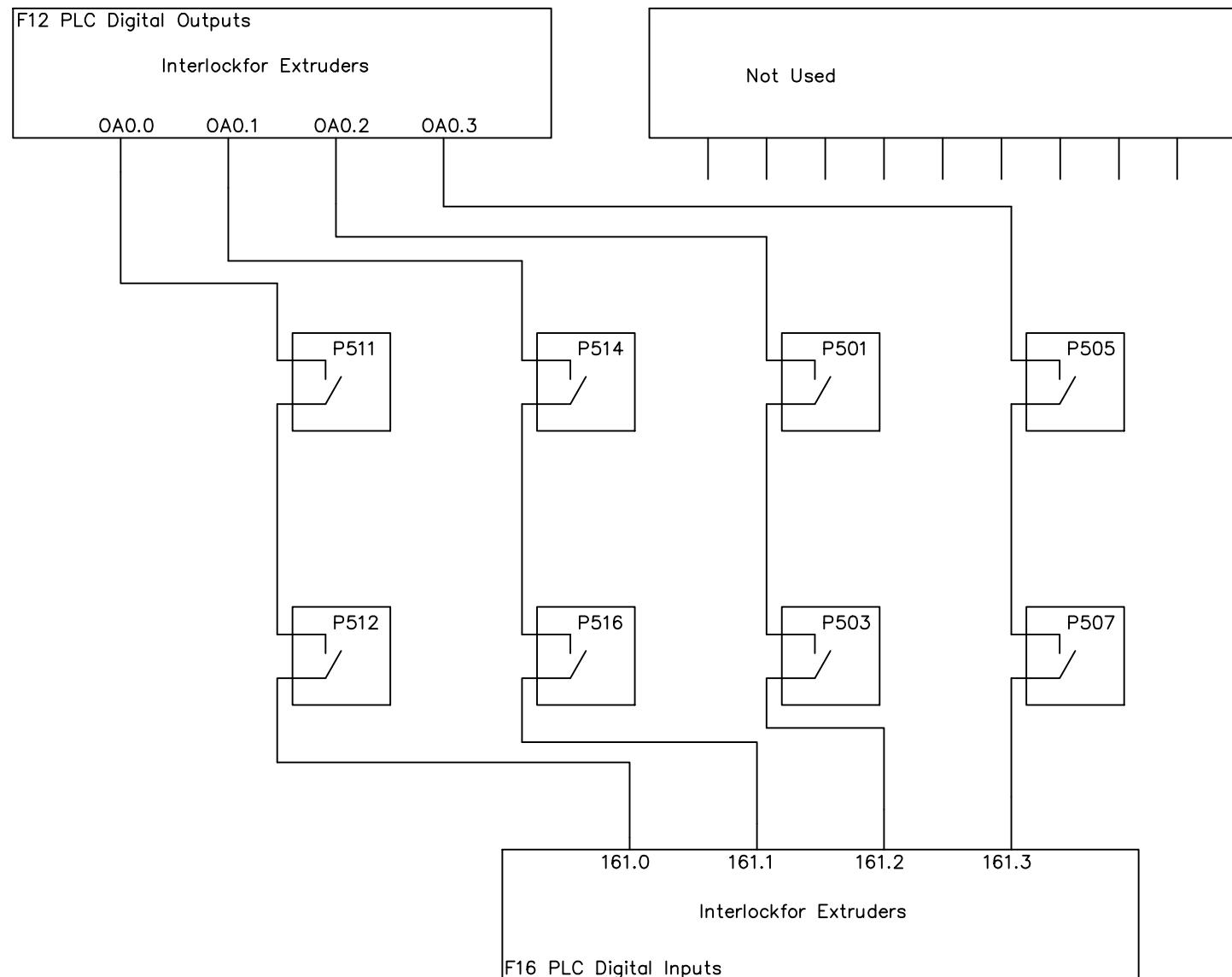


01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.														Line4 MELT PRESSURE AFTER SAT.2 PE 1210-33 (P505, 0-5000PSI)																		
DRAWN BY	Charlie Zhang														DRAWING DESCRIPTION																		
CHECKED BY	VINCENT HUANG														DRAWING NO.																		
															REV. NO. REV. DESCRIPTION REV. BY: REV. DATE DRAWN DATE: 10/15/2018																		
															SCALE NONE UNIT MM																		
															Page # 136																		
															Total																		



01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34												
	INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.		Line4 MELT PRESSURE SAT.2 BEFORE DIE PE 1235-04 (P507, 0-3000PSI)																						DRAWING DESCRIPTION		KF023	Page #		137															
DRAWN BY	Charlie Zhang																								DRAWING NO.		Total																		
CHECKED BY	VINCENT HUANG																								MATERIAL																				
																										REV. NO.		REV. DESCRIPTION		REV. BY:		REV. DATE		DRAWN DATE:		10/15/2018		SCALE		NONE		UNIT		MM	

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
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01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	INTEPLAST GROUP, Ltd.	AMTOPP DIV. M/E DEPT.																															
DRAWN BY	Charlie Zhang																																
CHECKED BY	VINCENT HUANG																																

Line4 FREE

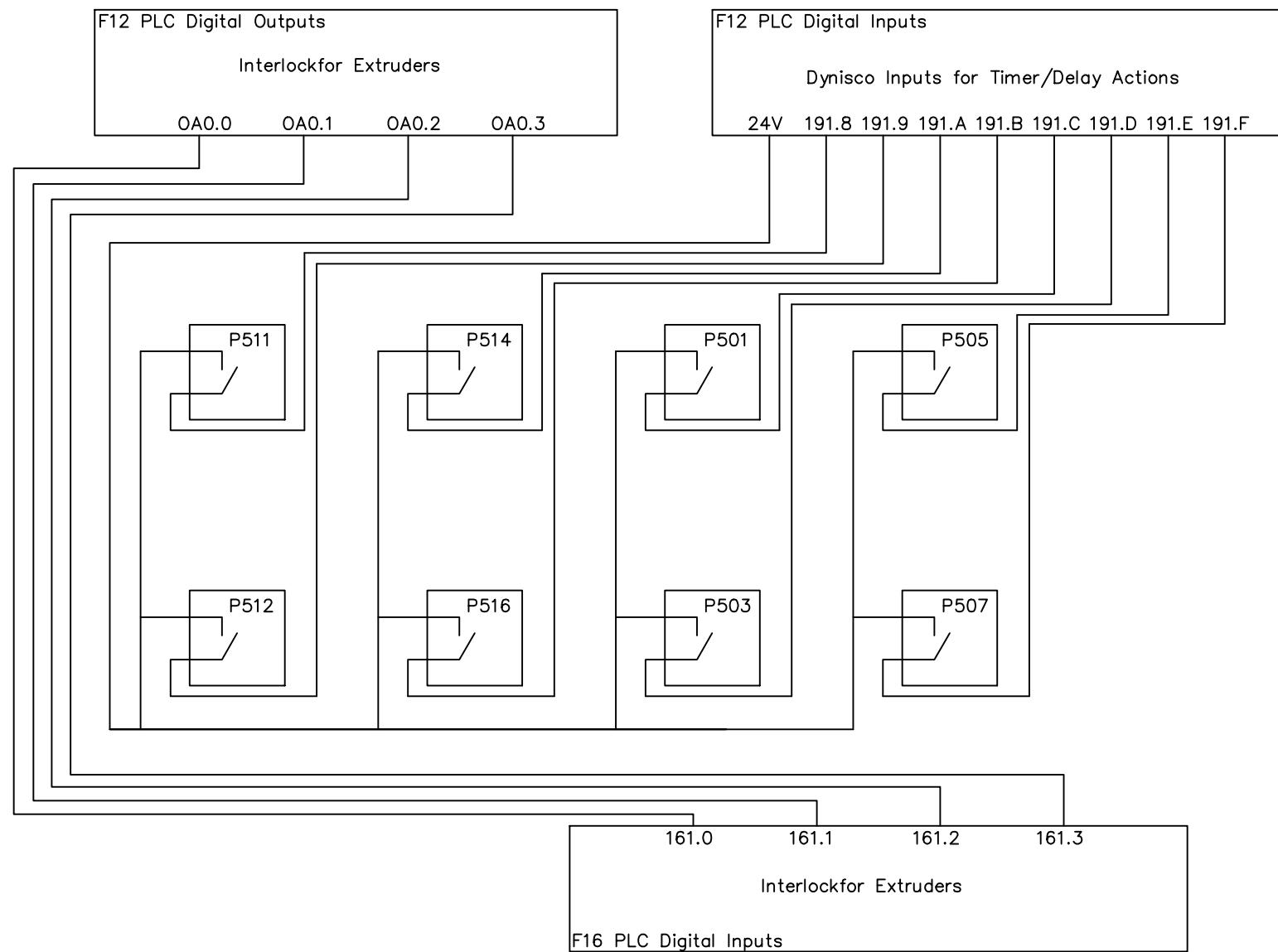
DRAWING DESCRIPTION KF023 Page # 138

Total

MATERIAL

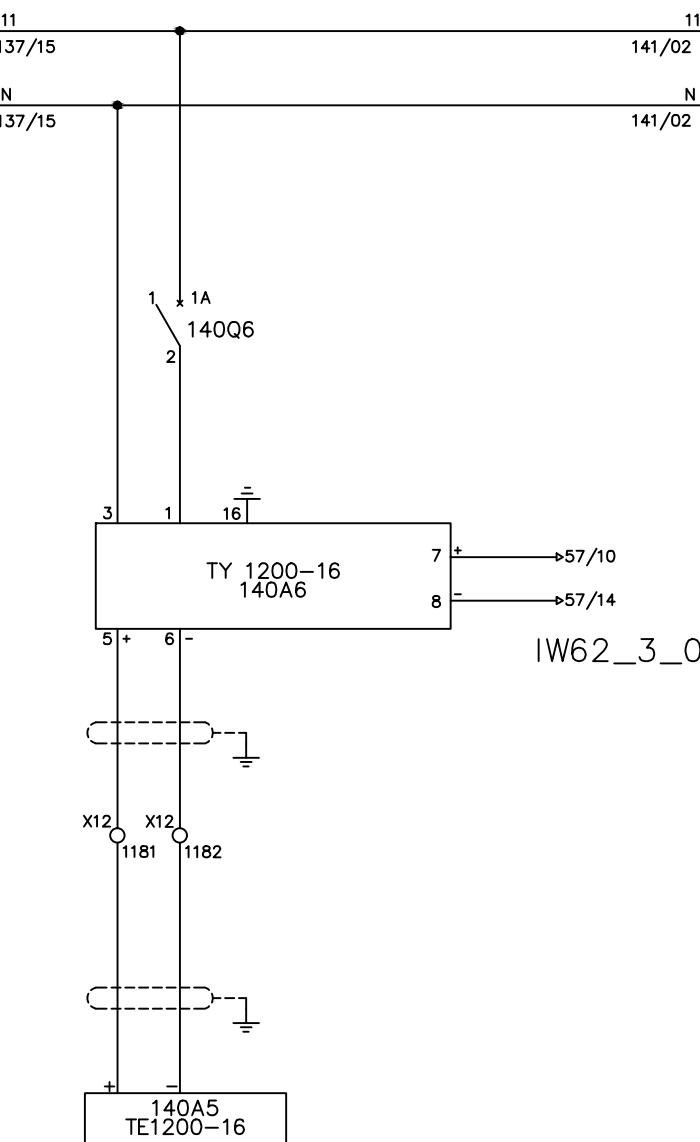
REV. NO REV. DESCRIPTION REV. BY: REV. DATE DRAWN DATE: 10/31/2018 SCALE NONE UNIT MM

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34



01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	INTEPLAST GROUP, Ltd.	Line4 FREE	DRAWING DESCRIPTION	KF023	Page #	139																											
	ANTOPP DIVI. M/E DEPT.				Total																												
DRAWN BY	Charlie Zhang		DRAWING NO.		MATERIAL																												
CHECKED BY	VINCENT HUANG	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	10/31/2018	SCALE	NONE	UNIT	MM																						

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
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MARKS	DESIGNATION	MANUFACTURER	SCALES
TE -1200-16	TPT 463E	DYNISCO	TYPE J
TY -1200-16	4351	Action Pak	0-300 C

#### JUNCTION

TERMINAL + : WIRE YELLOW (IRON)

TERMINAL - : WIRE BLACK (CONSTANATAN)

#### CONVERTER

INPUT 0-300 deg.C TYPE J

OUTPUT 4-20 mA

TERMINALS BLOCKS BETWEEN PROBE AND CONVERTER TO COMPENSATE THERMOCOUPLE J

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
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	INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.	Line4 MELT TEMP . AFTER PRIMARY EXT.1 TE1200-16 (T510)					DRAWING DESCRIPTION	KF012	Page #	140		
									Total			
DRAWN BY	Charlie Zhang								MATERIAL			
CHECKED BY	VINCENT HUANG								SCALE	NONE	UNIT	MM
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	10/15/2018							

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																MARKS				DESIGNATION			MANUFACTURER			SCALES							
																TE -1200-19				PT 462E			DYNISCO			TYPE J							
																TY -1200-19				4351			Action Pak			0-300 C							
																JUNCTION																	
																TERMINAL + : WIRE YELLOW (IRON)																	
																TERMINAL - : WIRE BLACK (CONSTANATAN)																	
																CONVERTER																	
																INPUT 0-300 deg.C TYPE J																	
																OUTPUT 4-20 mA																	
																TERMINALS BLOCKS BETWEEN PROBE AND CONVERTER TO COMPENSATE THERMOCOUPLE J																	

## JUNCTION

TERMINAL + : WIRE YELLOW (IRON)

TERMINAL - : WIRE BLACK (CONSTANATAN)

## CONVERTER

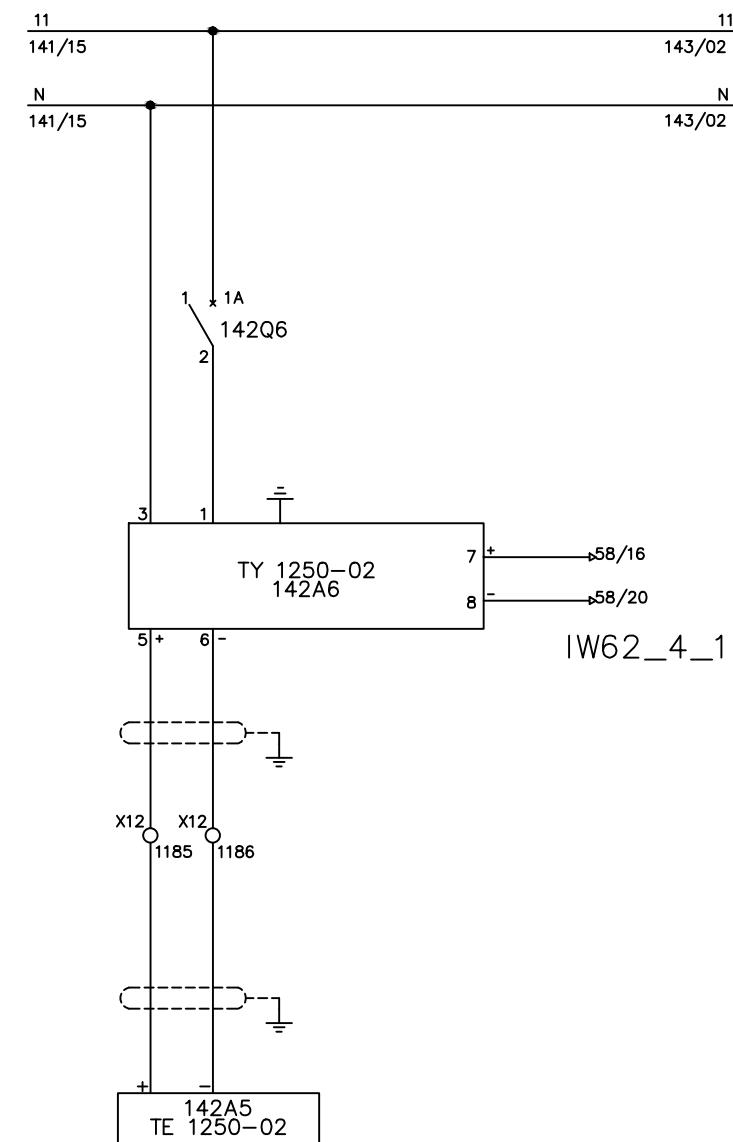
INPUT 0-300 deg.C TYPE J

## OUTPUT 4–20 mA

TERMINALS BLOCKS BETWEEN PROBE AND CONVERTER TO COMPENSATE THERMOCOUPLE J

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
	INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.		Line4 MELT TEMP . AFTER SEC.EXT. TE1200-19 (T513)														DRAWING DESCRIPTION	<u>KF012</u>		Page #		141											
DRAWN BY		Charlie Zhang															DRAWING NO.		Total														
CHECKED BY		VINCENT HUANG										REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	10/15/2018		SCALE	NONE	UNIT	MM											

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MARKS	DESIGNATION	MANUFACTURER	SCALES
TE -1250-02	TPT 463E	DYNISCO	TYPE J
TY -1250-02	4351	Action Pak	0-300 C

#### JUNCTION

TERMINAL + : WIRE YELLOW (IRON)

TERMINAL - : WIRE BLACK (CONSTANATAN)

#### CONVERTER

INPUT 0-300 deg.C TYPE J

OUTPUT 4-20 mA

TERMINALS BLOCKS BETWEEN PROBE AND CONVERTER TO COMPENSATE THERMOCOUPLE J

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 MELT TEMP . BEFORE DIE  
TE1250-02 (T515)

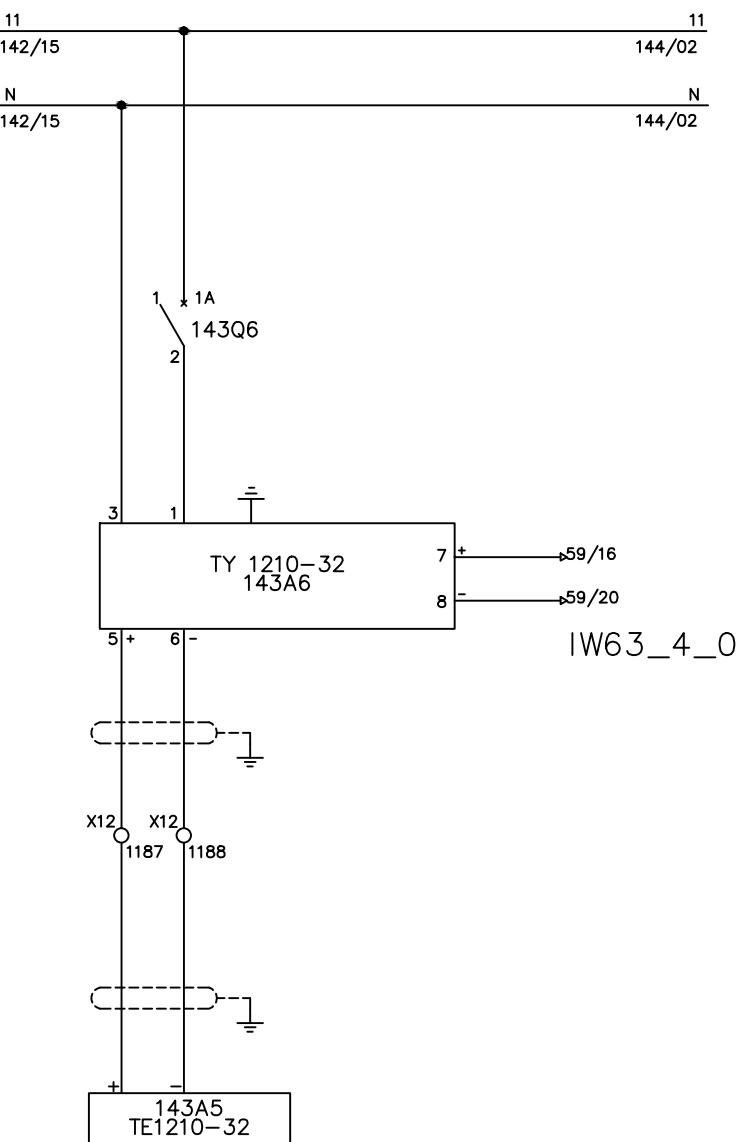
DRAWN BY Charlie Zhang

CHECKED BY VINCENT HUANG


DRAWING DESCRIPTION KF012 Page # 142  
DRAWING NO. Total MATERIAL

REV. NO REV. DESCRIPTION REV. BY: REV. DATE DRAWN DATE: 10/15/2018 SCALE NONE UNIT MM

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MARKS	DESIGNATION	MANUFACTURER	SCALES
TE -1210-32	TPT 463E	DYNISCO	TYPE J
TY -1210-32	4351	Action Pak	0-300 C

#### JUNCTION

TERMINAL + : WIRE YELLOW (IRON)

TERMINAL - : WIRE BLACK (CONSTANATAN)

#### CONVERTER

INPUT 0-300 deg.C TYPE J

OUTPUT 4-20 mA

TERMINALS BLOCKS BETWEEN PROBE AND CONVERTER TO COMPENSATE THERMOCOUPLE J

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
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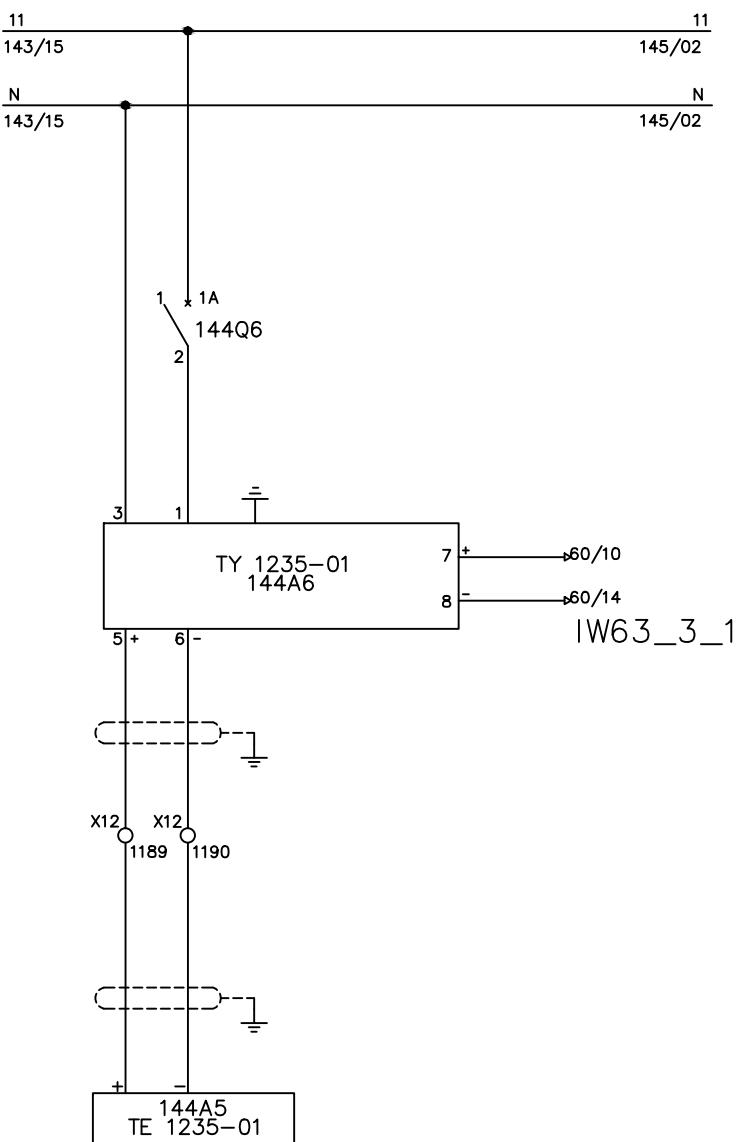
INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 MELT TEMP . AFTER SAT . EXT  
.1 TE1210-32 (T500)

DRAWN BY Charlie Zhang  
CHECKED BY VINCENT HUANG

DRAWING DESCRIPTION	KF012	Page #	
		Total	MATERIAL
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE
DRAWN DATE:	10/15/2018	SCALE	NONE

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MARKS	DESIGNATION	MANUFACTURER	SCALES
TE -1235-01	TPT463E	GULTON	TYPE J
TY -1235-01	4351	Action Pak	0-300 C

## JUNCTION

TERMINAL + : WIRE YELLOW (IRON)

TERMINAL - : WIRE BLACK (CONSTANATAN)

CONVERTER

INPUT 0-300 deg.C TYPE J

## OUTPUT 4–20 mA

TERMINALS BLOCKS BETWEEN PROBE AND CONVERTER TO COMPENSATE THERMOCOUPLE J

Q1 Q2 Q3 Q4 Q5 Q6 Q7 Q8 Q9 Q10 Q11 Q12 Q13 Q14 Q15 Q16 Q17 Q18 Q19 Q20 Q21 Q22 Q23 Q24 Q25 Q26 Q27 Q28 Q29 Q30 Q31 Q32 Q33 Q34



INTEPLAST GROUP, Ltd.  
AMTOPP DIVI. M/E DEPT.

Line4 MELT TEMPERATURE BEFORE DIE  
TE1235-01 (T502)

			DRAWING DESCRIPTION	KF012	Page #	144
				Total		
			DRAWING NO.		MATERIAL	
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 10/15/2018	SCALE	NONE
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																MARKS		DESIGNATION	MANUFACTURER	SCALES													
																TE -1210-34		TPT 463E	DYNISCO	TYPE J													
																TY -1210-34		4351	Action Pak	0-300 C													
<p>JUNCTION</p> <p>TERMINAL + : WIRE YELLOW (IRON)</p> <p>TERMINAL - : WIRE BLACK (CONSTANATAN)</p> <p>CONVERTER</p> <p>INPUT 0-300 deg.C TYPE J</p> <p>OUTPUT 4-20 mA</p> <p>TERMINALS BLOCKS BETWEEN PROBE AND CONVERTER TO COMPENSATE THERMOCOUPLE J</p>																																	

## JUNCTION

TERMINAL + : WIRE YELLOW (IRON)

TERMINAL - : WIRE BLACK (CONSTATAN)

CONVERTER

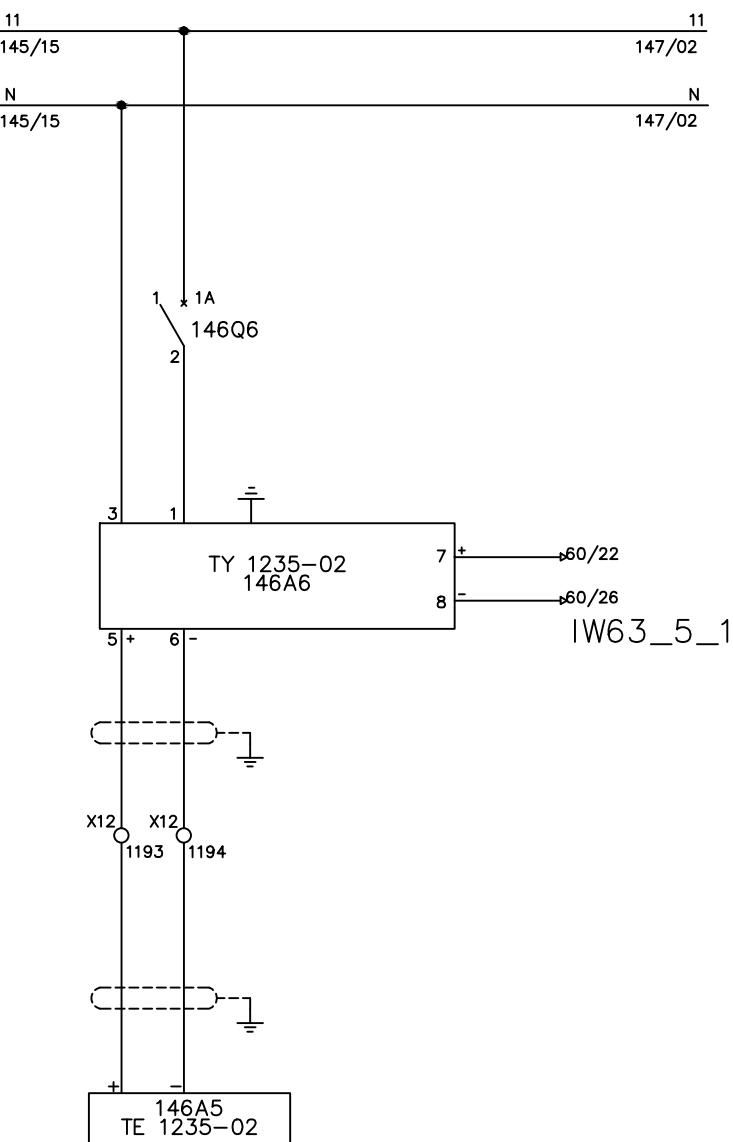
INPUT 0-300 deg.C TYPE J

## OUTPUT 4–20 mA

TERMINALS BLOCKS BETWEEN PROBE AND CONVERTER TO COMPENSATE THERMOCOUPLE J

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 INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.	Line4 MELT TEMP . AFTER SAT . EXT . 2 TE1210-34 (T504)																		DRAWING DESCRIPTION	KF023	Page #		145										
DRAWN BY	Charlie Zhang																		DRAWING NO.		Total												
CHECKED BY	VINCENT HUANG																		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	10/15/2018	SCALE	NONE	UNIT	MM					

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MARKS	DESIGNATION	MANUF ACTURER	SCALES
TE -1235-02	TPT 463E	GULTON	TYPE J
TY -1235-02	4351	Action pak	0-300 C

#### JUNCTION

TERMINAL + : WIRE YELLOW (IRON)

TERMINAL - : WIRE BLACK (CONSTANATAN)

#### CONVERTER

INPUT 0-300 deg.C TYPE J

OUTPUT 4-20 mA

TERMINALS BLOCKS BETWEEN PROBE AND CONVERTER TO COMPENSATE THERMOCOUPLE J

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 MELT TEMPERATURE BEFORE DIE  
TE1235-02 (T506)

DRAWN BY Charlie Zhang

CHECKED BY VINCENT HUANG

KF012  
Total

Page # 146  
MATERIAL

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	10/15/2018	SCALE	NONE	UNIT	MM
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INTEPLAST GROUP, Ltd.  
AMTOPP DIVI. M/E DEPT.

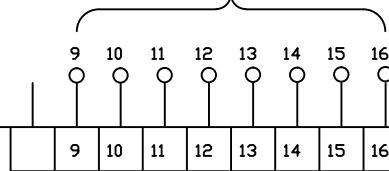
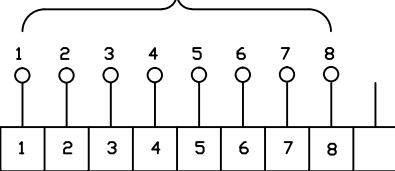
Line4 WEIGHING DEVICE  
WT 1115 (R200)

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	INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.		Line4 WEIGHING DEVICE WT 1115 (R200)														DRAWING DESCRIPTION	<u>KF023</u>		Page #		147											
DRAWN BY	Charlie Zhang																DRAWING NO.			Total													
CHECKED BY	VINCENT HUANG												REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	10/15/2018		SCALE	NONE	UNIT	MM										

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

FROM RACK 2 / SLOT 11  
OA7\_0~OA7\_7 CH0~CH7 /125

FROM RACK 2 / SLOT 11  
OA7\_8~OA7\_F CH8~CH15 /126

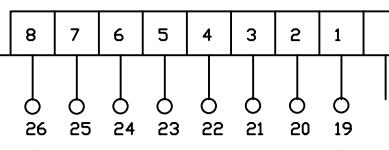
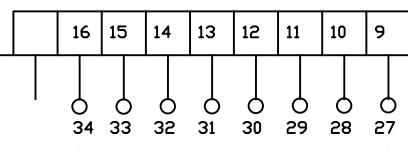


125A10

X12, 12 14 11 22 24 21 32 34 31 42 44 41 52 54 51 62 64 61 72 74 71 82 84 81 92 94 91 102 104 101 112 114 111 122 124 121 132 134 131 142 144 141 152 154 151 162 164 161  
978 980 982 984 986 1170 1172 992 994 996 998 1000 1002 1004 1006 1008

X12, 1040 1038 1036 1034 1032 1030 1028 1026 1024 1022 1020 1018 1016 1014 1012 1010  
161 164 162 151 154 152 141 144 142 131 134 132 121 124 122 111 114 112 101 104 102 91 94 92 81 82 71 74 72 61 64 62 51 54 52 41 44 42 31 34 32 21 24 22 11 14 12

127A10



FROM RACK 2 / SLOT 11  
OB7\_7~OB7\_F CH8~CH15 /1278

FROM RACK 2 / SLOT 11  
OB7\_0~OB7\_7 CH0~CH7 /127

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 DOOR 4 RELAY

KF023  
F12

Page #  
236

Total

DRAWING NO.

MATERIAL

DRAWN BY Charlie Zhang

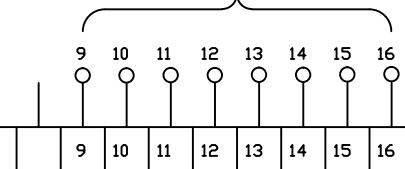
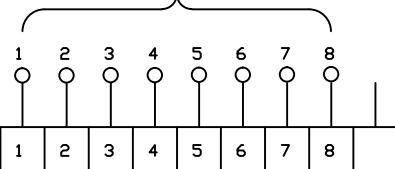
CHECKED BY JERRY WU

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	SCALE	NONE	UNIT	MM
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00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

FROM RACK 2 / SLOT 6  
DA2\_0~DA2\_7 CH0-CH7 /105

FROM RACK 2 / SLOT 6  
DA2\_8~DA2\_F CH8-CH15 /106



105A10

12 14 11 22 24 21 32 34 31 42 44 41 52 54 51 62 64 61 72 74 71 82 84 81 92 94 91 102 104 101 112 114 111 122 124 121 132 134 131 142 144 141 152 154 151 162 164 161  
186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217

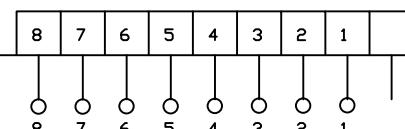
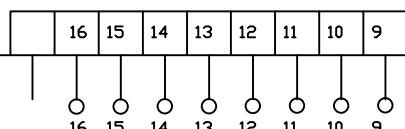
TO X22 FROM TERMINAL 186-217

MAIN LOADING PANEL

MEMO & MENO

116 ?? 113 ?? 41 ?? 42 ?? 32 ?? 115 ?? 20 ?? 21 ?? 31 ?? 7 ?? 23 ?? 12 ??  
161 164 162 151 154 152 141 144 142 131 134 132 121 124 122 111 114 112 101 104 102 91 94 92 81 84 82 71 74 72 61 64 62 51 54 52 41 44 42 31 34 32 21 24 22 11 14 12

121A10



00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 DOOR 5 RELAY

DRAWING DESCRIPTION  
KF023  
F12

Page #  
237  
Total

DRAWN BY Rufus Huang

CHECKED BY JERRY WU

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	SCALE	NONE	UNIT	MM
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00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

FROM RACK 2 / SLOT 5  
DB1\_0~DB1\_7 CH16-CH23 /103

FROM RACK 2 / SLOT 5  
DB1\_8~DB1\_F CH24-CH31 /104

19 20 21 22 23 24 25 26

27 28 29 30 31 32 33 34

1 2 3 4 5 6 7 8

9 10 11 12 13 14 15 16

103A10

12 14 11 22 24 21 32 34 31 42 44 41 52 54 51 62 64 61 72 74 71 82 84 81 92 94 91 102 104 101 112 114 111 122 124 121 132 134 131 142 144 141 152 154 151 162 164 161

X21 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263

TO X21 FROM TERMINAL 232~263

TO X8

TO X13 FROM TERMINAL 901~904

TO X23 FROM TERMINAL 406~413

167 163 154 150 153 149 152 148 151 56 147 101 104 101 104 413 412 411 410 409 408 407 406

161 164 162 151 154 152 141 144 142 131 134 132 121 124 122 111 114 112 101 104 102 91 94 92 81 84 82 71 74 72 61 64 62 51 54 52 41 44 42 31 34 32 21 24 22 11 14 12

111A10

16 15 14 13 12 11 10 9

8 7 6 5 4 3 2 1

FROM RACK 2 / SLOT 7  
DB3\_8~DB3\_F CH24-CH31 /112

FROM RACK 2 / SLOT 7  
DB3\_0~DB3\_7 CH16-CH23 /111

34 33 32 31 30 29 28 27

26 25 24 23 22 21 20 19

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 DOOR 5 RELAY

DRAWING DESCRIPTION  
KF023  
F12

Page #  
238

Total

DRAWING NO.

MATERIAL

REV. NO

SCALE

REV. DESCRIPTION

NONE

REV. BY:

UNIT

REV. DATE:

MM

DRAWN BY

Rufus Huang

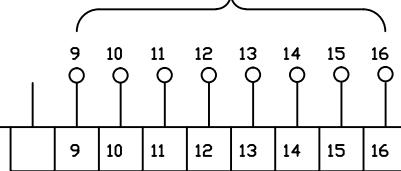
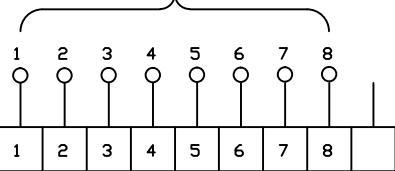
CHECKED BY

JERRY WU

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

FROM RACK 2 / SLOT 5  
DA1\_0~DA1\_7 CH0-CH7 /101

FROM RACK 2 / SLOT 5  
DA1\_8~DA1\_F CH8-CH15 /102



101A10

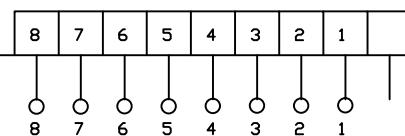
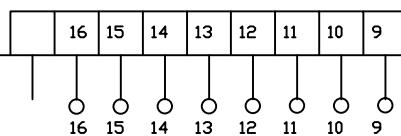
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200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231

TO X21 FROM TERMINAL 200~231

TO X23 FROM TERMINAL 374~405

405 404 403 402 401 400 399 398 397 396 395 394 393 392 391 390 389 388 387 386 385 384 383 382 381 380 379 378 377 376 375 374  
161 164 162 151 154 152 141 144 142 131 134 132 121 124 122 111 114 112 101 104 102 91 94 92 81 84 82 71 74 72 61 64 62 51 54 52 41 44 42 31 34 32 21 24 22 11 14 12

109A10



FROM RACK 2 / SLOT 7  
DA3\_8~DA3\_F CH8-CH15 /110

FROM RACK 2 / SLOT 7  
DA3\_0~DA3\_7 CH0-CH7 /109

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 DOOR 5 RELAY

DRAWING DESCRIPTION  
KF023  
F12

Page #  
239  
Total

DRAWING NO.

MATERIAL

DRAWN DATE:

SCALE    NONE    UNIT    MM

DRAWN BY

Rufus Huang

CHECKED BY

JERRY WU

REV. NO

REV. DESCRIPTION

REV. BY:

REV. DATE:

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

FROM RACK 2 / SLOT 4  
DB0\_0~DB0\_7 CH16-CH23 /99

FROM RACK 2 / SLOT 4  
DB0\_8~DB0\_F CH24-CH31 /100

19 20 21 22 23 24 25 26

27 28 29 30 31 32 33 34

1 2 3 4 5 6 7 8

9 10 11 12 13 14 15 16

99A10

12 14 11 22 24 21 32 34 31 42 44 41 52 54 51 62 64 61 72 74 71 82 84 81 92 94 91 102 104 101 112 114 111 122 124 121 132 134 131 142 144 141 152 154 151 162 164 161

?? ?? ?? ?? 29 30 35 36 54 55 60 61 4 5 10 11 52 56 53 54 55 108 136 ?? ?? ?? ??

TO X5

TO X8

TO X22 FROM TERMINAL 218 ~ 249

249 248 247 246 245 244 243 242 241 240 239 238 237 236 235 234 233 232 231 230 229 228 227 226 225 224 223 222 221 220 219 218  
161 164 162 151 154 152 141 144 142 131 134 132 121 124 122 111 114 112 101 104 102 91 94 92 81 84 82 71 74 72 61 64 62 51 54 52 41 44 42 31 34 32 21 24 22 11 14 12

107A10

16 15 14 13 12 11 10 9

8 7 6 5 4 3 2 1

FROM RACK 2 / SLOT 6  
DB2\_8~DB2\_F CH24-CH31 /108

FROM RACK 2 / SLOT 6  
DB2\_0~DB2\_7 CH16-CH23 /107

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line4 DOOR 5 RELAY

KF023  
F12

Page #  
240

Total

DRAWING NO.

MATERIAL

DRAWN BY Rufus Huang

CHECKED BY JERRY WU

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	SCALE	NONE	UNIT	MM
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00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



97A10

12 14 11 22 24 21 32 34 31 42 44 41 52 54 51 62 64 61 72 74 71 82 84 81 92 94 91 102 104 101 112 114 111 122 124 121 132 134 131 142 144 141 152 154 151 162 164 161

TO X3 FROM TERMINAL 5~9

TO TB2

FROM RACK 2 / SLOT 10  
OB6\_0~OB6\_7 CH16-CH23 /123

FROM RACK 2 / SLOT 10  
OB6\_8~OB6\_F CH24-CH31 /124

19    20    21    22    23    24    25    26

27    28    29    30    31    32    33    34

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123A10

12 14 11 22 24 21 32 34 31 42 44 41 52 54 51 62 64 61 72 74 71 82 84 81 92 94 91 102 104 101 112 114 111 122 124 121 132 134 131 142 144 141 152 154 151 162 164 161

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

MEMO & MEND

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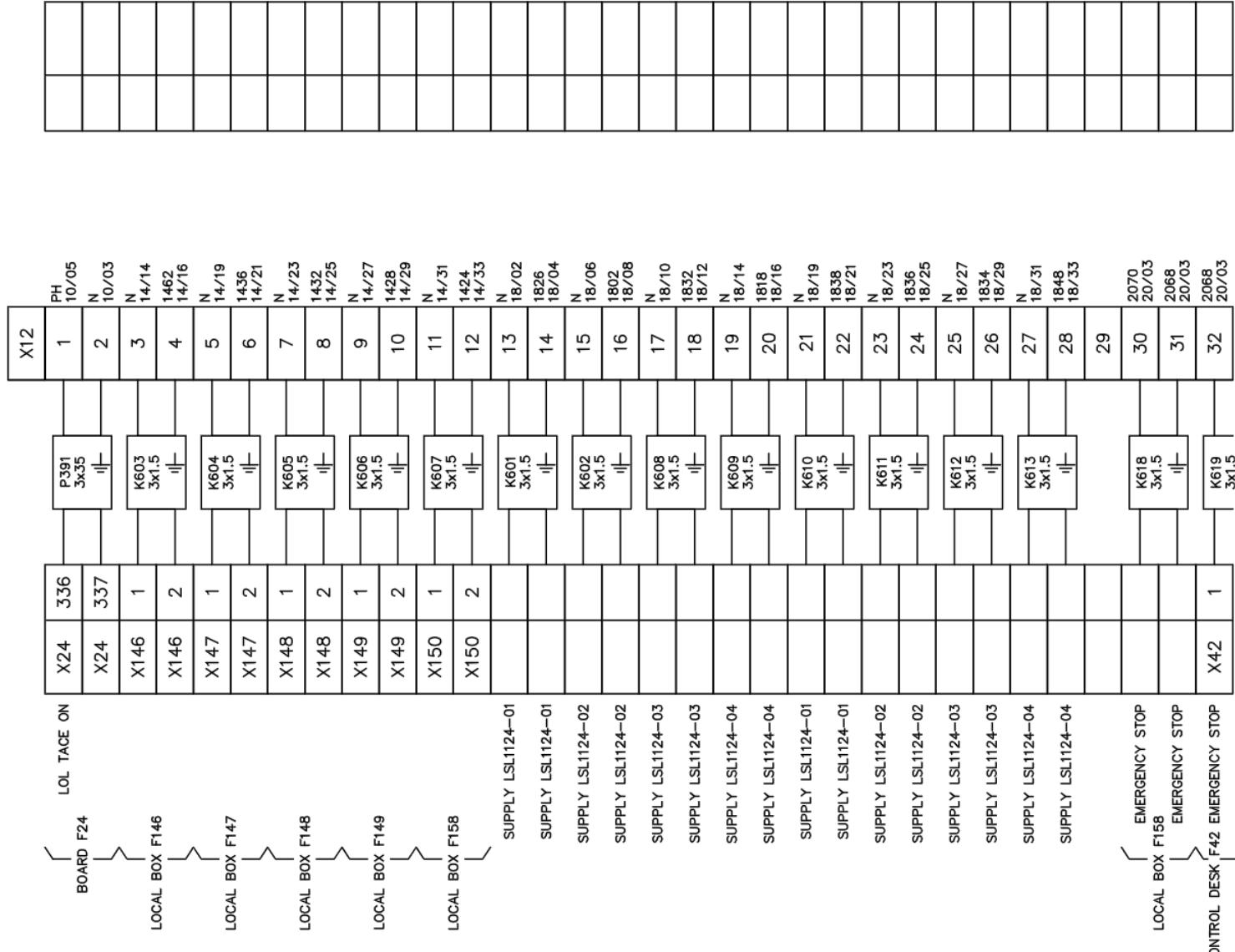


INTEPLAST GROUP, Ltd.  
AMTOPP DIVI. M/E DEPT.

Line4 DOOR 5 RELAY

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REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:		SCALE	NONE	UNIT	MM

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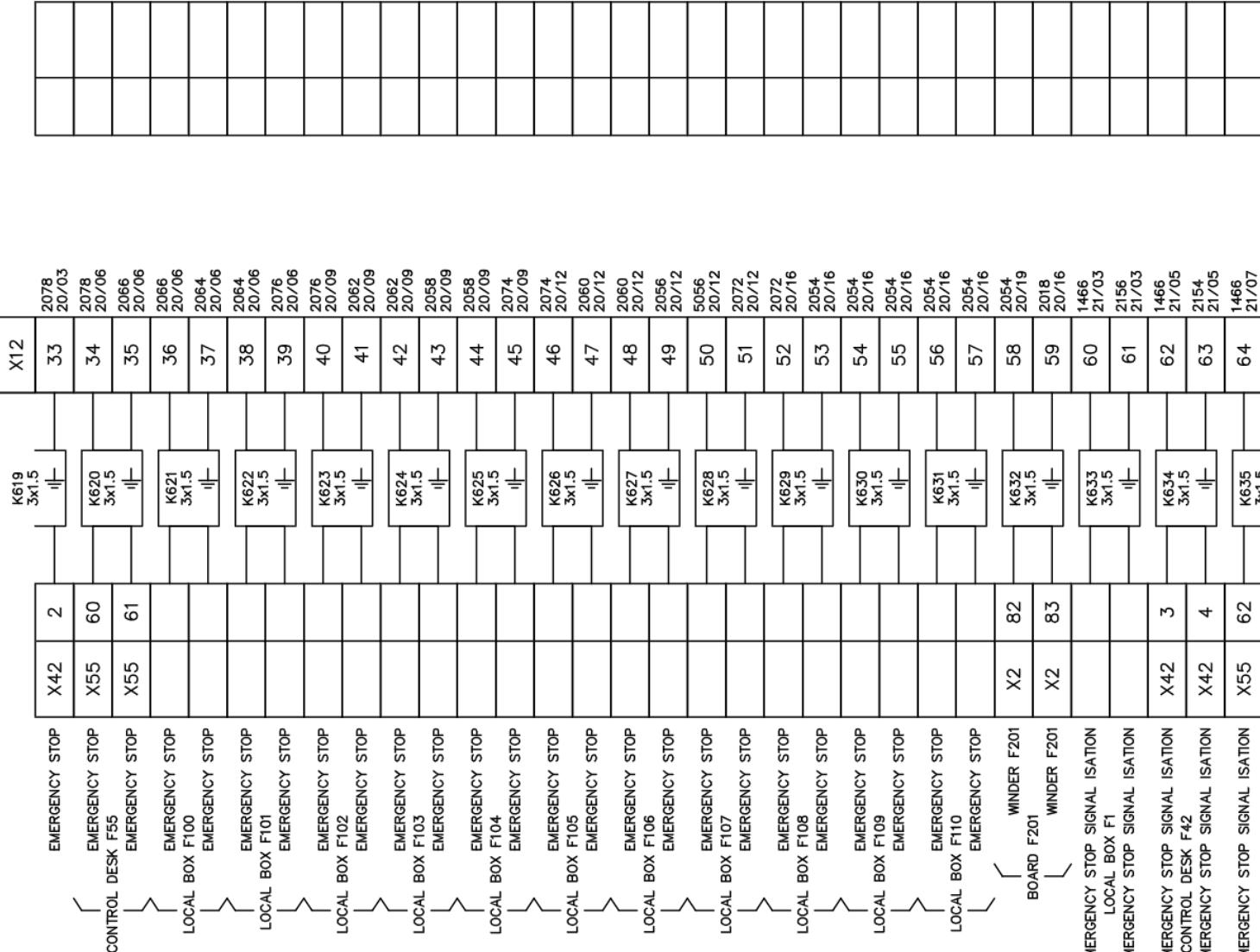


INTEPLAST GROUP, Ltd.  
AMTOPP DIVI. M/E DEPT.

## TERMINAL BLOCKS X12 1-32

 INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.	TERMINAL BLOCKS X12 1-32					DRAWING DESCRIPTION	KF023 F12	Page #	170	
DRAWN BY		LEO TSAI						Total		
CHECKED BY		VINCENT HUANG				DRAWING NO.		MATERIAL		
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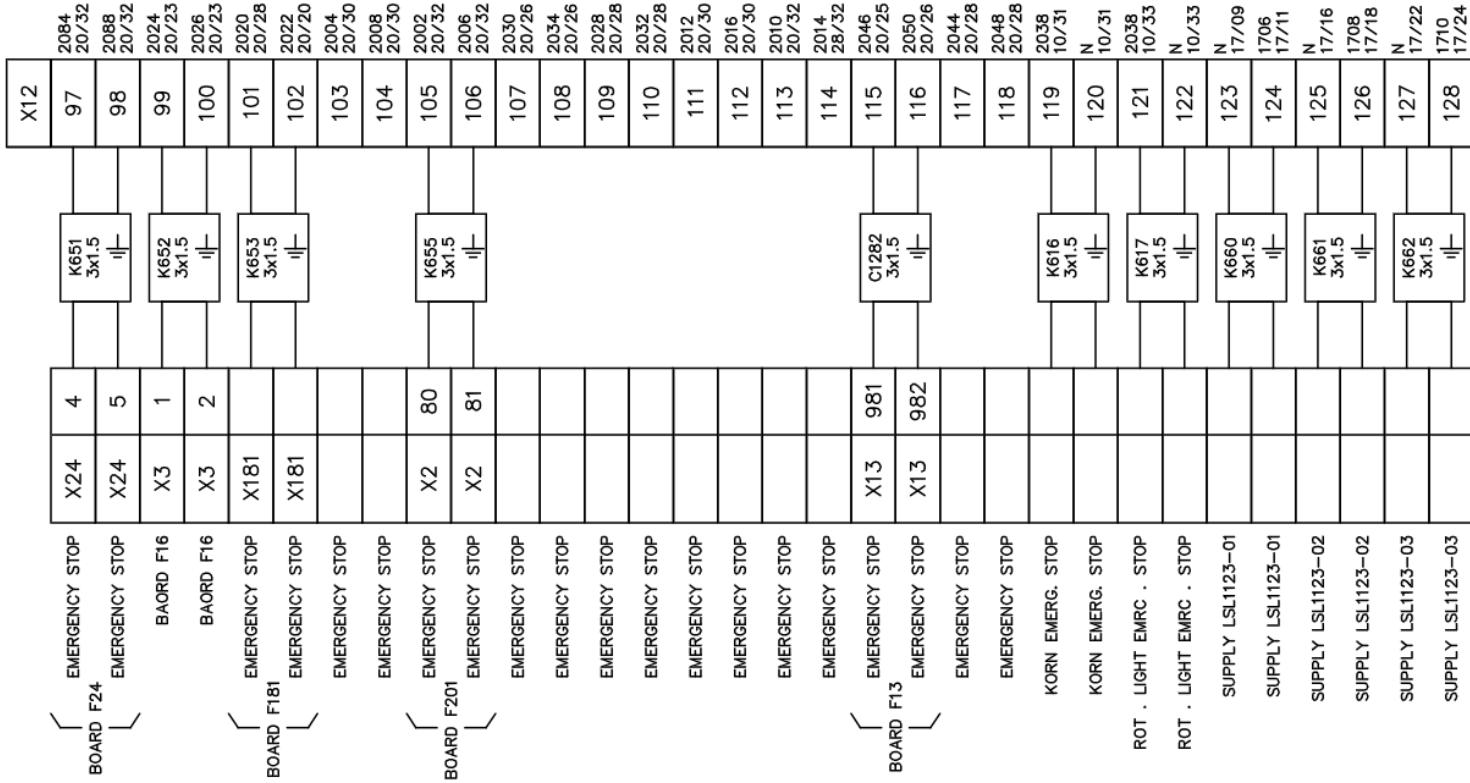
INTEPLAST GROUP, Ltd.  
AMTOPP DIVI. M/E DEPT.

## TERMINAL BLOCKS X12 33-64

 INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.	TERMINAL BLOCKS X12 33-64				DRAWING DESCRIPTION	KF023 F12	Page #	171	
DRAWN BY		LEO TSAI				Total			
CHECKED BY		VINCENT HUANG			DRAWING NO.		MATERIAL		
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 02-24-2012	SCALE	NONE	UNIT



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00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



INTEPLAST GROUP, Ltd.  
AMTOPP DIVI. M/E DEPT.

## TERMINAL BLOCKS X12 97-128

 INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.	TERMINAL BLOCKS X12 97-128				DRAWING DESCRIPTION	KF023 F12	Page #	173
DRAWN BY		LEO TSAI				Total		
CHECKED BY		VINCENT HUANG			DRAWING NO.		MATERIAL	
			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 02-24-2012	SCALE NONE UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

SUPPLY LSH1123-04		X12
SUPPLY LSH1123-04		129 N 17/28
BOARD F13	9	130 17/12
ERCENCT STOP SIGNAL ISATION		130 17/30
ERCENCT STOP SIGNAL ISATION		131 6720 11/02
ERCENCT STOP SIGNAL ISATION		132 6720 21/18
ERCENCT STOP SIGNAL ISATION		133 21/56 21/03
ERCENCT STOP SIGNAL ISATION		134 21/54 21/05
ERCENCT STOP SIGNAL ISATION		135 21/52 21/07
ERCENCT STOP SIGNAL ISATION		136 21/46 21/09
ERCENCT STOP SIGNAL ISATION		137 21/44 21/10
ERCENCT STOP SIGNAL ISATION		138 21/42 21/13
ERCENCT STOP SIGNAL ISATION LOCAL BOX F2		139 21/40 21/15
ERCENCT STOP SIGNAL ISATION		140 21/38 21/17
ERCENCT STOP SIGNAL ISATION		141 21/26 21/19
ERCENCT STOP SIGNAL ISATION		142 21/24 21/22
ERCENCT STOP SIGNAL ISATION		143 21/22 21/24
ERCENCT STOP SIGNAL ISATION		144 21/20 21/26
ERCENCT STOP SIGNAL ISATION		145 21/18 21/28
ERCENCT STOP SIGNAL ISATION		146 21/08 21/31
ERCENCT STOP SIGNAL ISATION		147 21/06 21/33
RELEASE KLAXON X42	49	148 23/50 23/13
RELEASE KLAXON X42	50	149 23/42 23/13
C. D. F24 RELEASE DEFECT X42	51	150 23/18 23/28
RELEASE DEFECT X42	52	151 9864 23/28
RELEASE KLAXON X55	66	152 23/50 23/17
RELEASE KLAXON X55	67	153 23/42 23/17
C. D. F24 RELEASE DEFECT X55	68	154 23/38 23/32
RELEASE DEFECT X55	69	155 9864 23/32
SUPPLY LAL 1112.01		156 17/4 M 17/5 -
SUPPLY LAL 1112.01		157 17/5 -
SUPPLY LAL 1106.01		158 17/4 M 17/5
SUPPLY LAL 1106.01		159 17/5
F12 DEFECT HORN		160 9876 23/03

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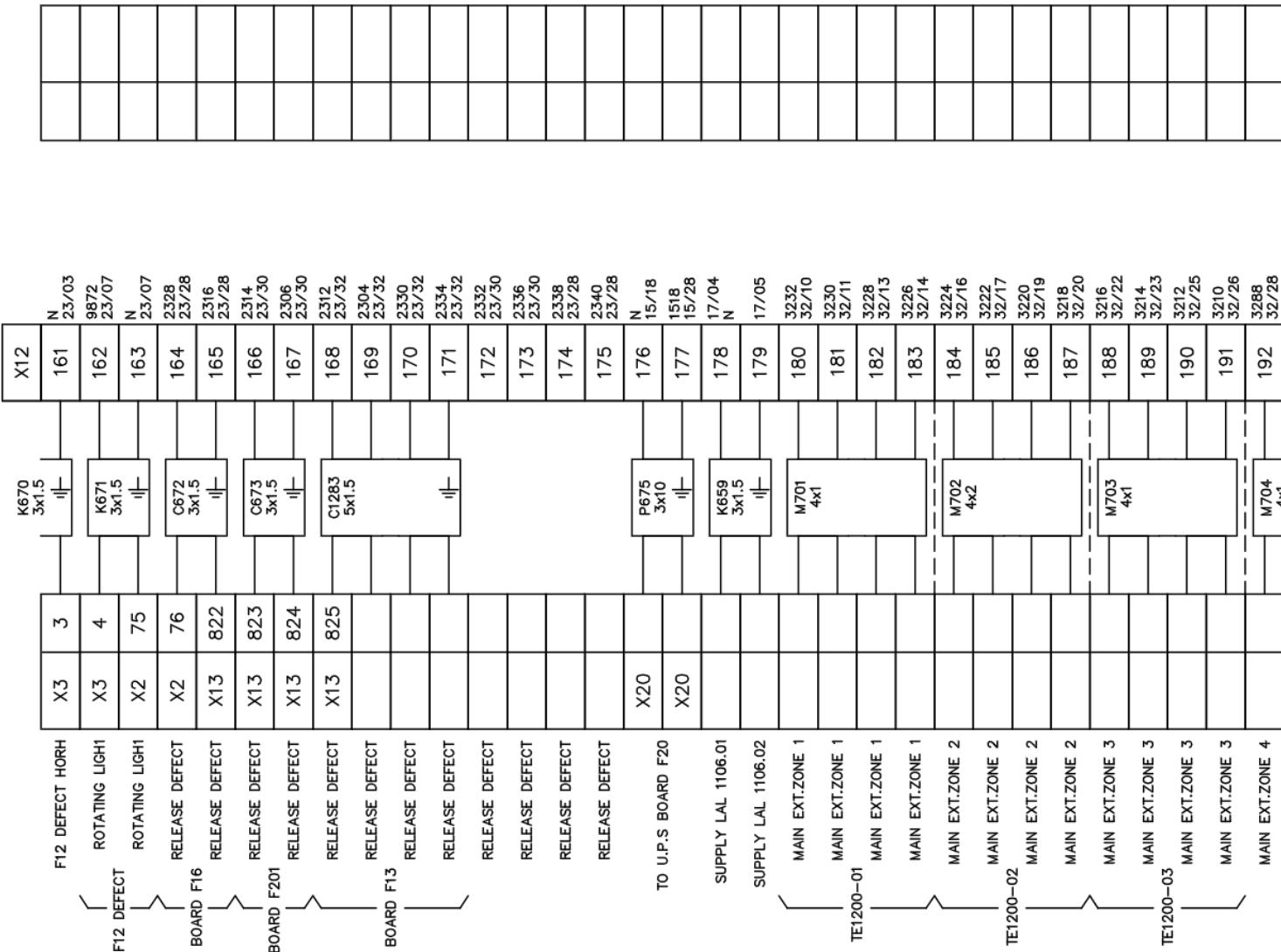


INTEPLAST GROUP, Ltd.  
AMTOPP DIVI. M/E DEPT.

## TERMINAL BLOCKS X12 129–160

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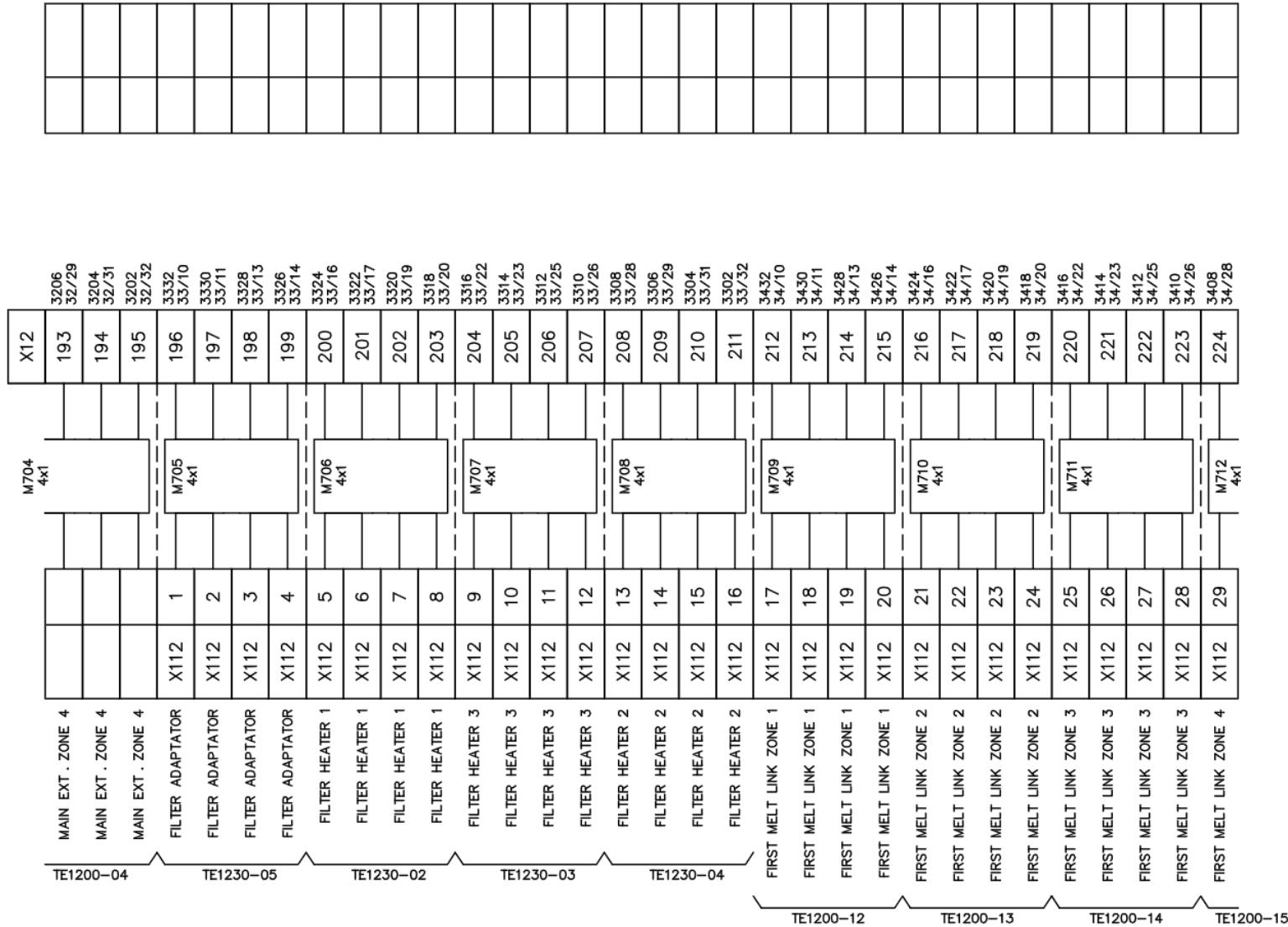
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	INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.
DRAWN BY	LEO TSAI
CHECKED BY	VINCENT HUANG

TERMINAL BLOCKS X12 161-192

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	KF023 F12	Page #	175
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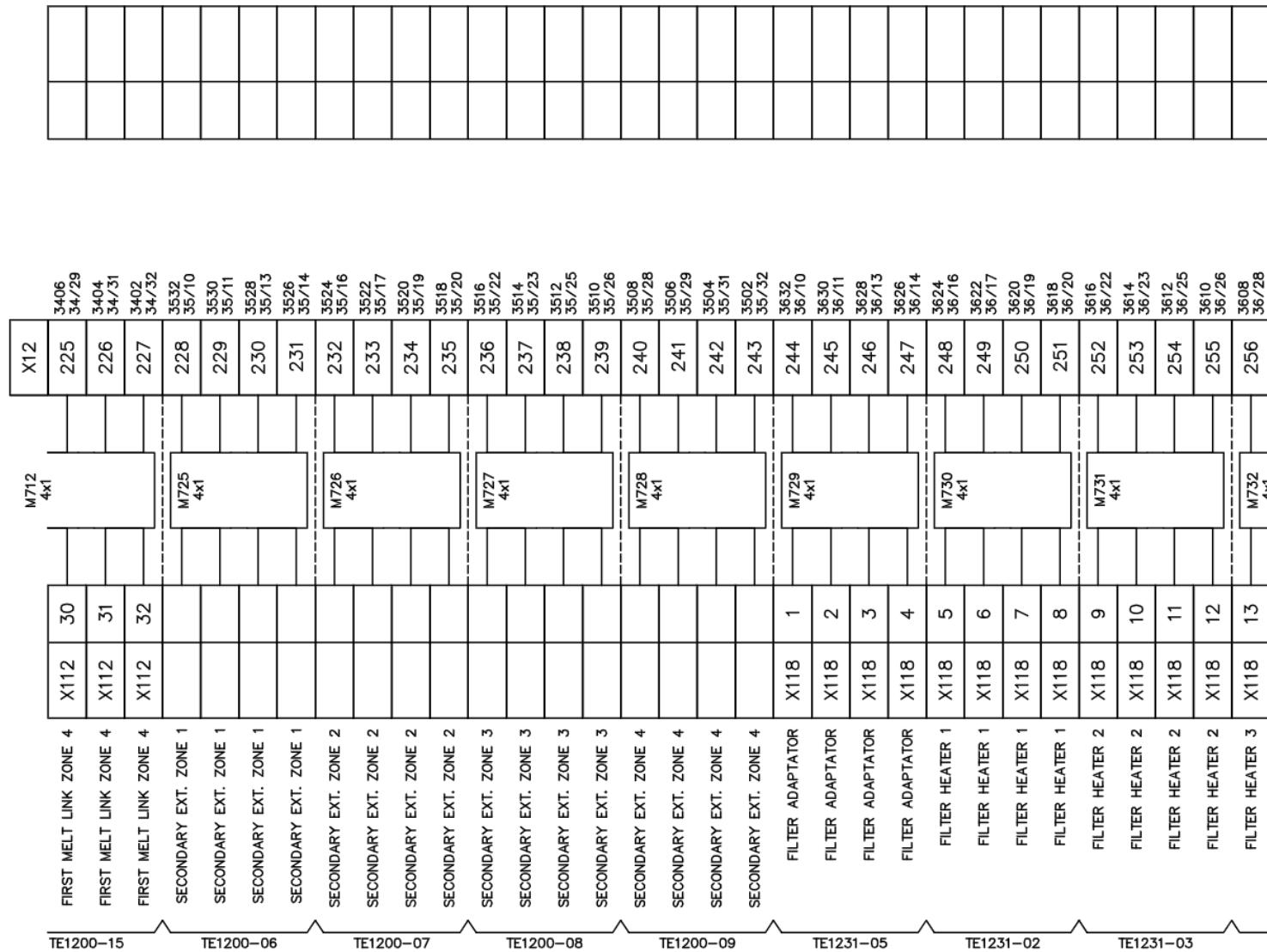


INTEPLAST GROUP, Ltd.  
AMTOPP DIVI. M/E DEPT.

## TERMINAL BLOCKS X12 193-224

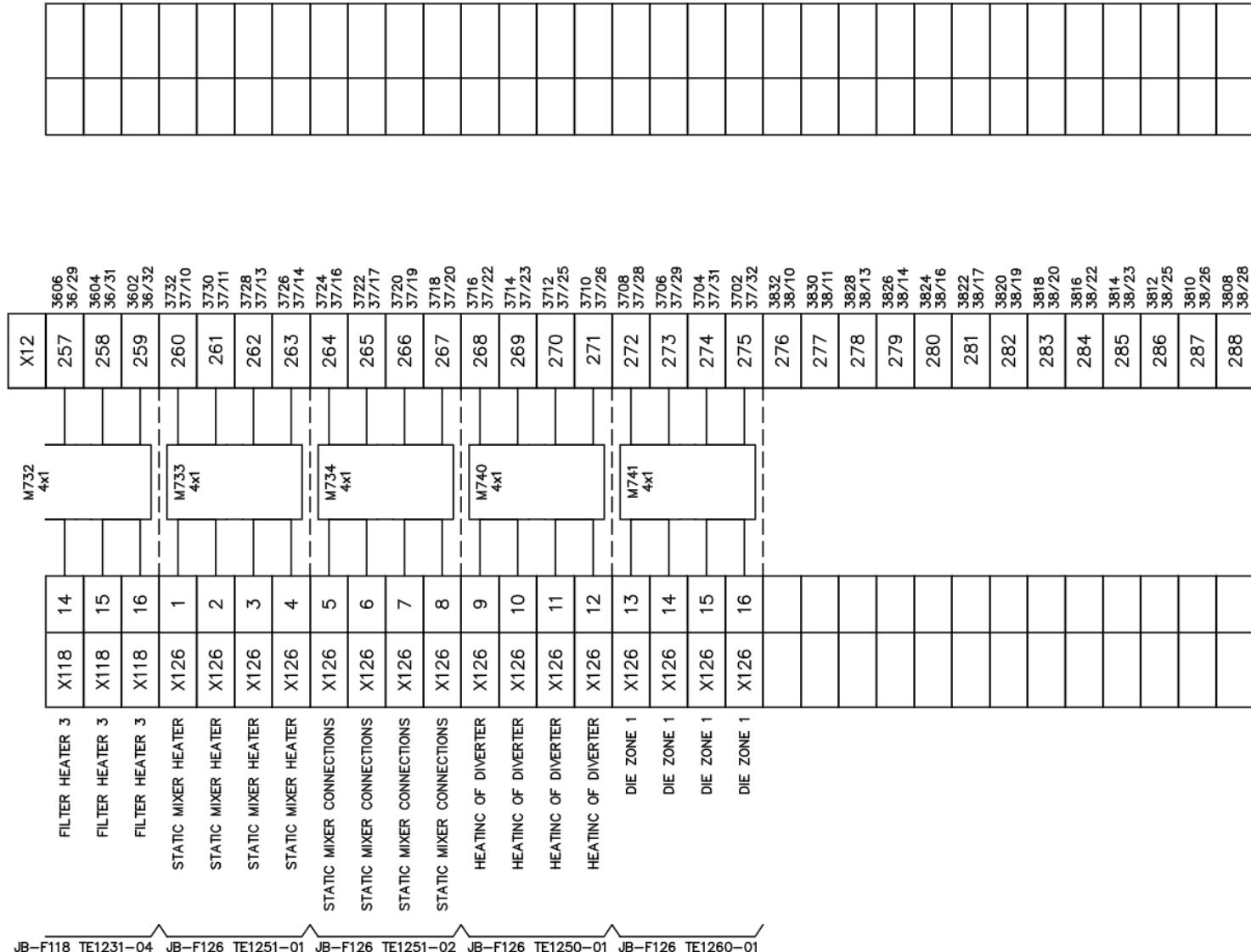
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					UNIT	MM

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00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

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DRAWN BY	LEO TSAI	TERMINAL BLOCKS X12 257-288				DRAWING DESCRIPTION	KF023	Page #	178
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CHECKED BY	VINCENT HUANG								
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		X12	
FREE		289	3806 38,29
FREE		290	3804 38,31
FREE		291	3802 38,32
DIE ZONE 6	X126	33	292
DIE ZONE 6	X126	34	4032 40/10
DIE ZONE 6	X126	35	293
DIE ZONE 6	X126	36	4030 40/11
DIE ZONE 7	X126	37	294
DIE ZONE 7	X126	38	4028 40/13
DIE ZONE 7	X126	39	295
DIE ZONE 7	X126	40	4024 40/14
SECOND, MELT LINK-1 PART.		M746 4x1	296
SECOND, MELT LINK-1 PART.		M747 4x1	297
SECOND, MELT LINK-1 PART.		M735 4x1	298
SECOND, MELT LINK-1 PART.		M736 4x1	299
SECOND, MELT LINK-2 PART.			4022 40/16
SECOND, MELT LINK-2 PART.			4017 40/17
SECOND, MELT LINK-2 PART.			4020 40/19
SECOND, MELT LINK-2 PART.			4018 40/20
SECOND, MELT LINK-2 PART.			4016 40/22
SECOND, MELT LINK-2 PART.			4014 40/23
SECOND, MELT LINK-2 PART.			4012 40/25
SECOND, MELT LINK-2 PART.			4010 40/26
SECOND, MELT LINK-2 PART.			4008 40/28
SECOND, MELT LINK-2 PART.			4006 40/29
SECOND, MELT LINK-2 PART.			4004 40/31
SECOND, MELT LINK-2 PART.			4002 40/32
DIE ZONE 2	X126	17	308
DIE ZONE 2	X126	18	309
DIE ZONE 2	X126	19	310
DIE ZONE 2	X126	20	311
DIE ZONE 3	X126	21	312
DIE ZONE 3	X126	22	313
DIE ZONE 3	X126	23	314
DIE ZONE 3	X126	24	315
DIE ZONE 4	X126	25	316
DIE ZONE 4	X126	26	317
DIE ZONE 4	X126	27	318
DIE ZONE 4	X126	28	319
DIE ZONE 5	X126	29	320
		M745 4x1	

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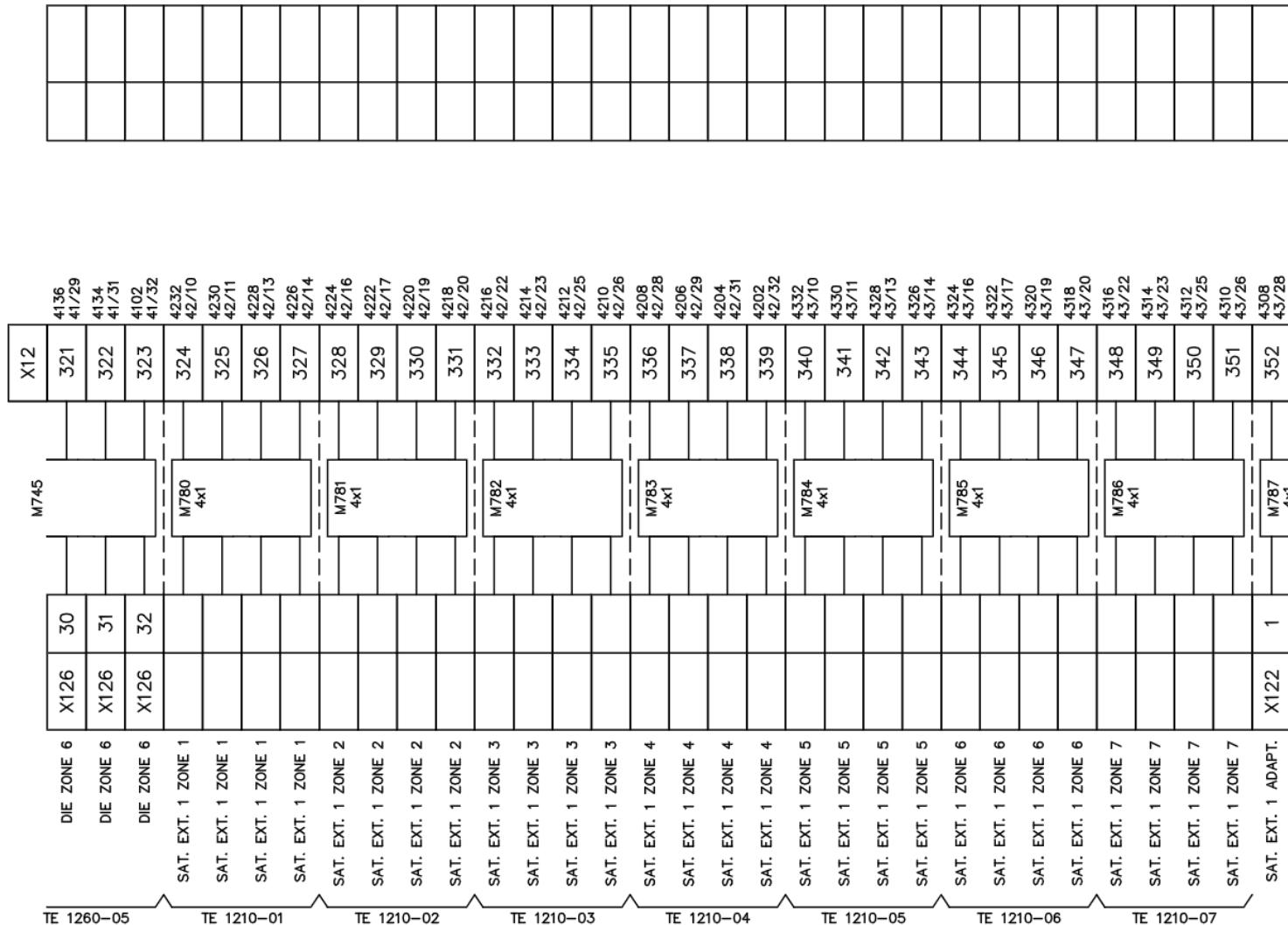


INTEPLAST GROUP, Ltd.  
AMTOPP DIVI. M/E DEPT.

## TERMINAL BLOCKS X12 289–320

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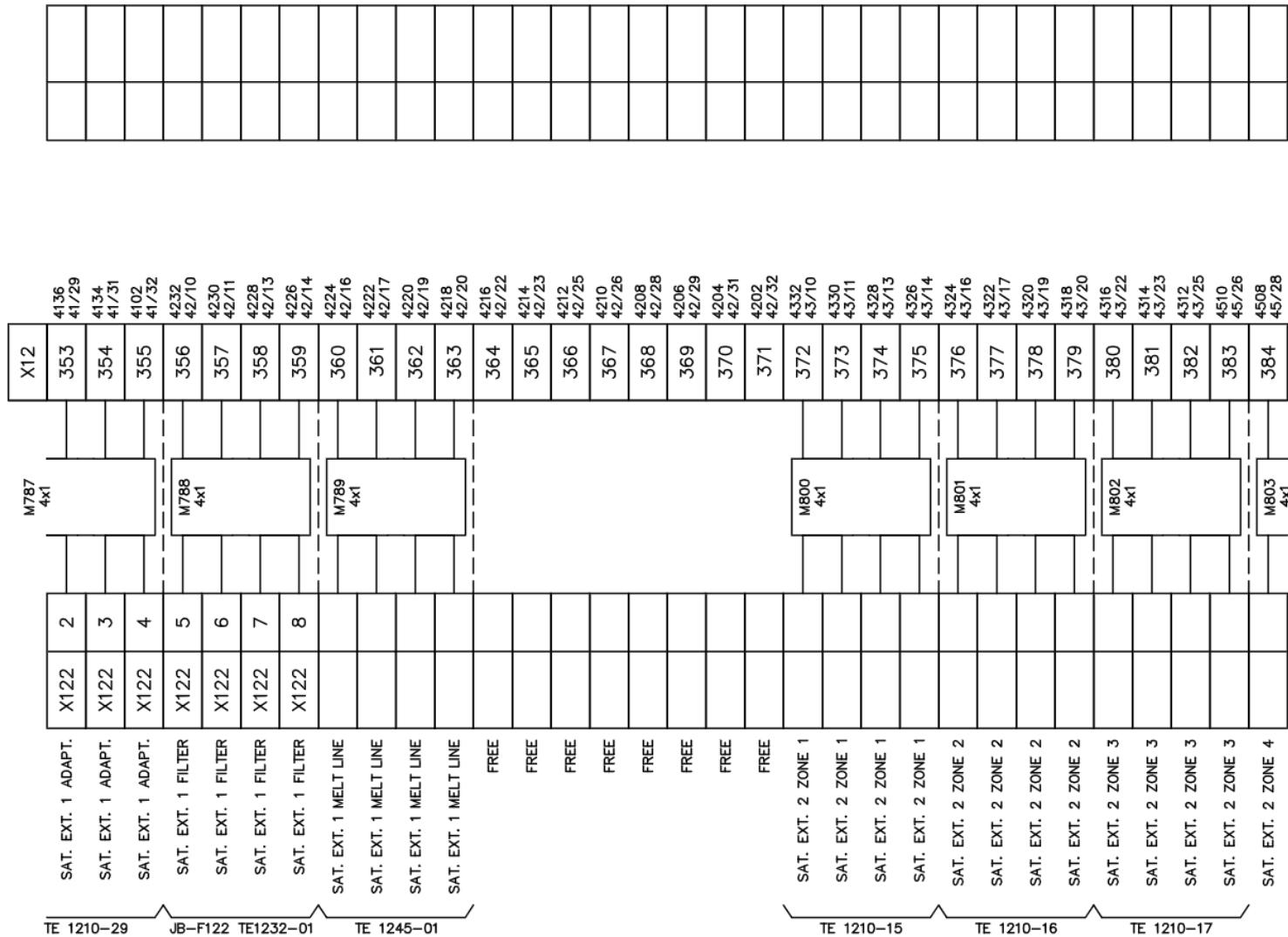
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	INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.	TERMINAL BLOCKS X12 321-352							DRAWING DESCRIPTION	KF023 F12	Page #		180
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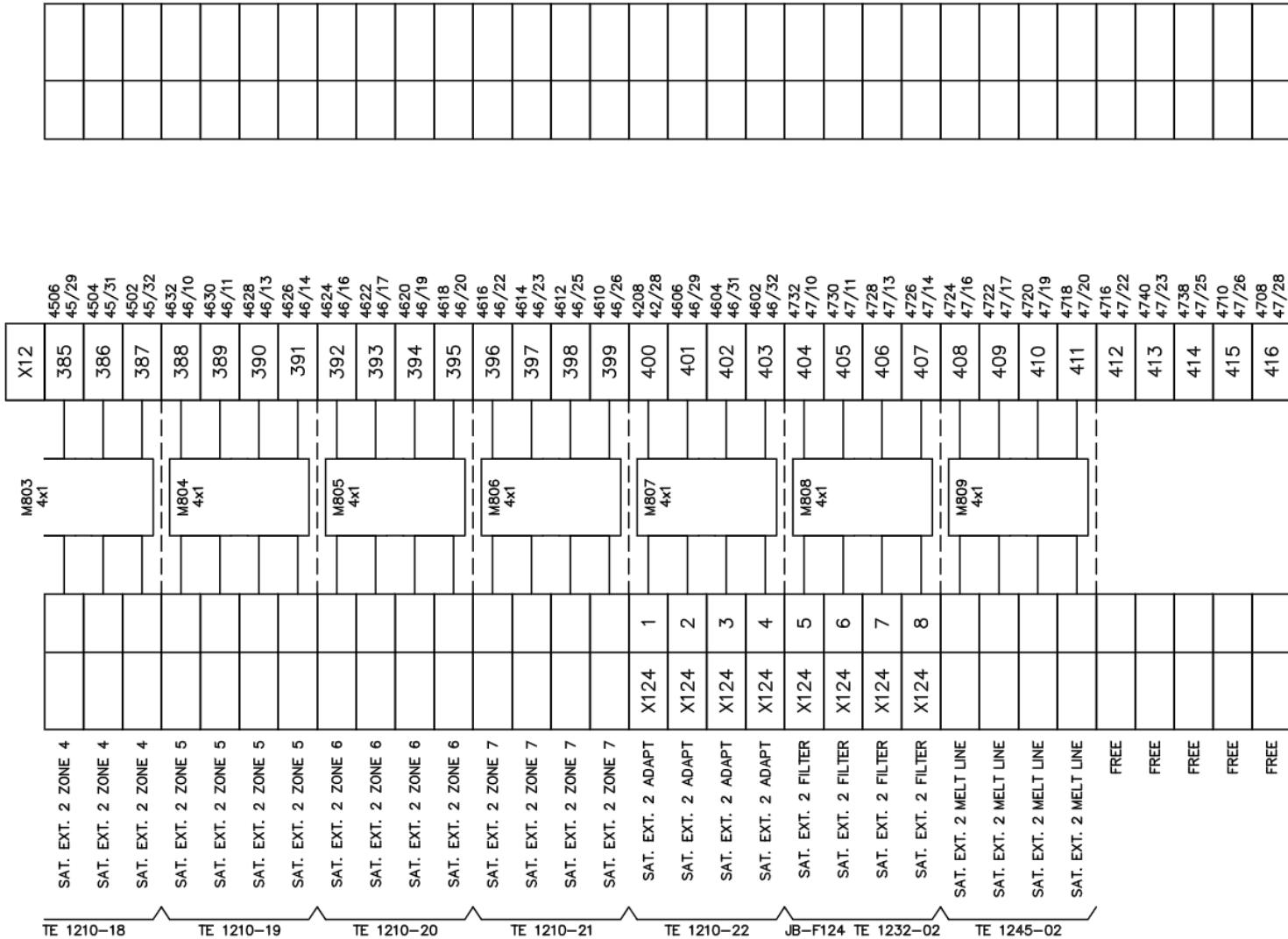
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DRAWN BY	LEO TSAI	TERMINAL BLOCKS X12 353-384				REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	KF023	Page #	181			
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CHECKED BY	VINCENT HUANG										DRAWING NO.		MATERIAL			
											02-24-2012		SCALE	NONE	UNIT	MM

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	INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.
DRAWN BY	LEO TSAI
CHECKED BY	VINCENT HUANG

TERMINAL BLOCKS X12 385-416

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	KF023 F12	Page #	182
					DRAWING DESCRIPTION	DRAWING NO.	Total
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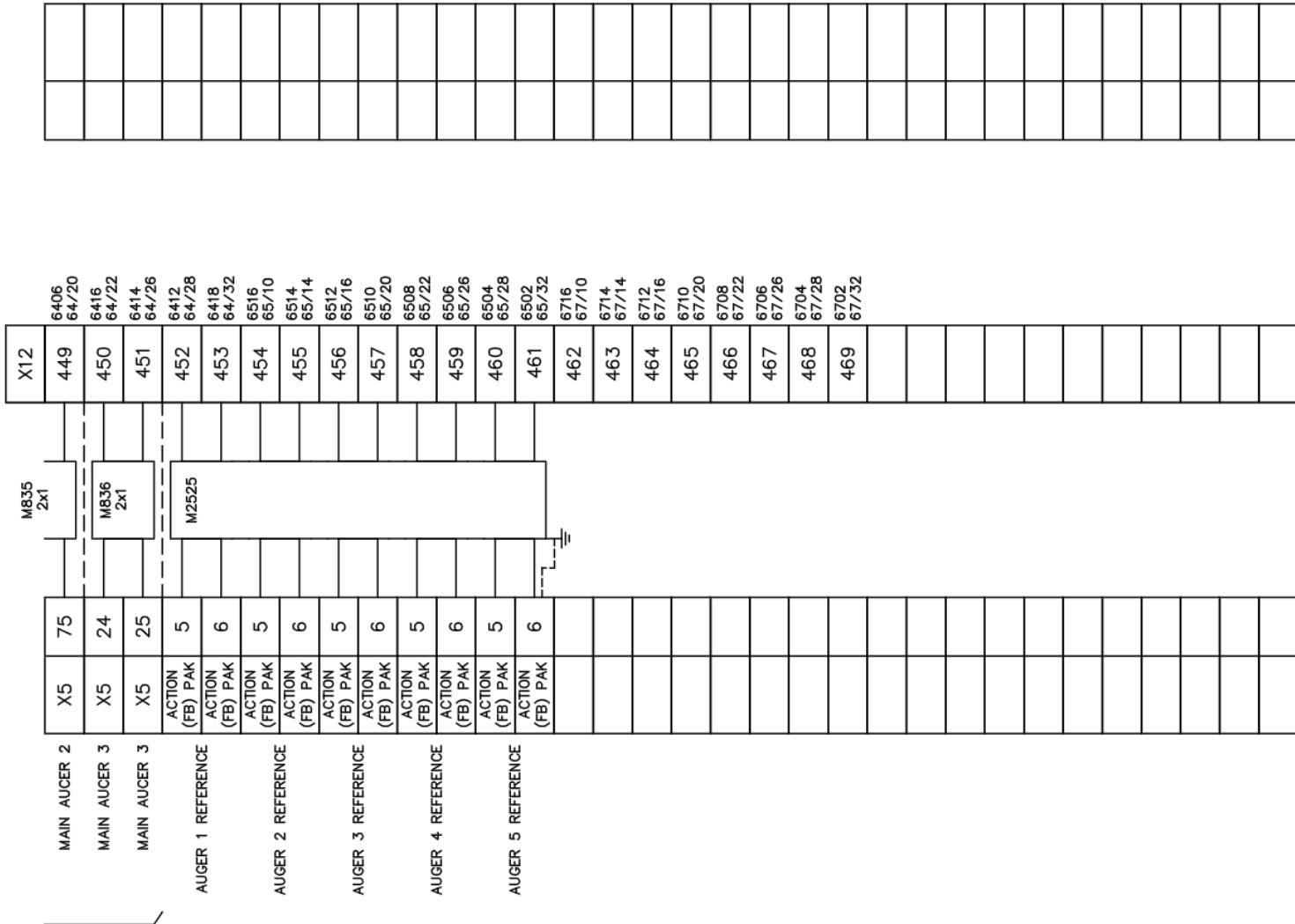


INTEPLAST GROUP, Ltd  
AMTOPP DIVI. M/E DEPT.

## TERMINAL BLOCKS X12 417-448

 INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.	TERMINAL BLOCKS X12 417-448				DRAWING DESCRIPTION	KF023 F12	Page #	183	
							Total		
							MATERIAL		
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	02-24-2012	SCALE	NONE	UNIT	MM

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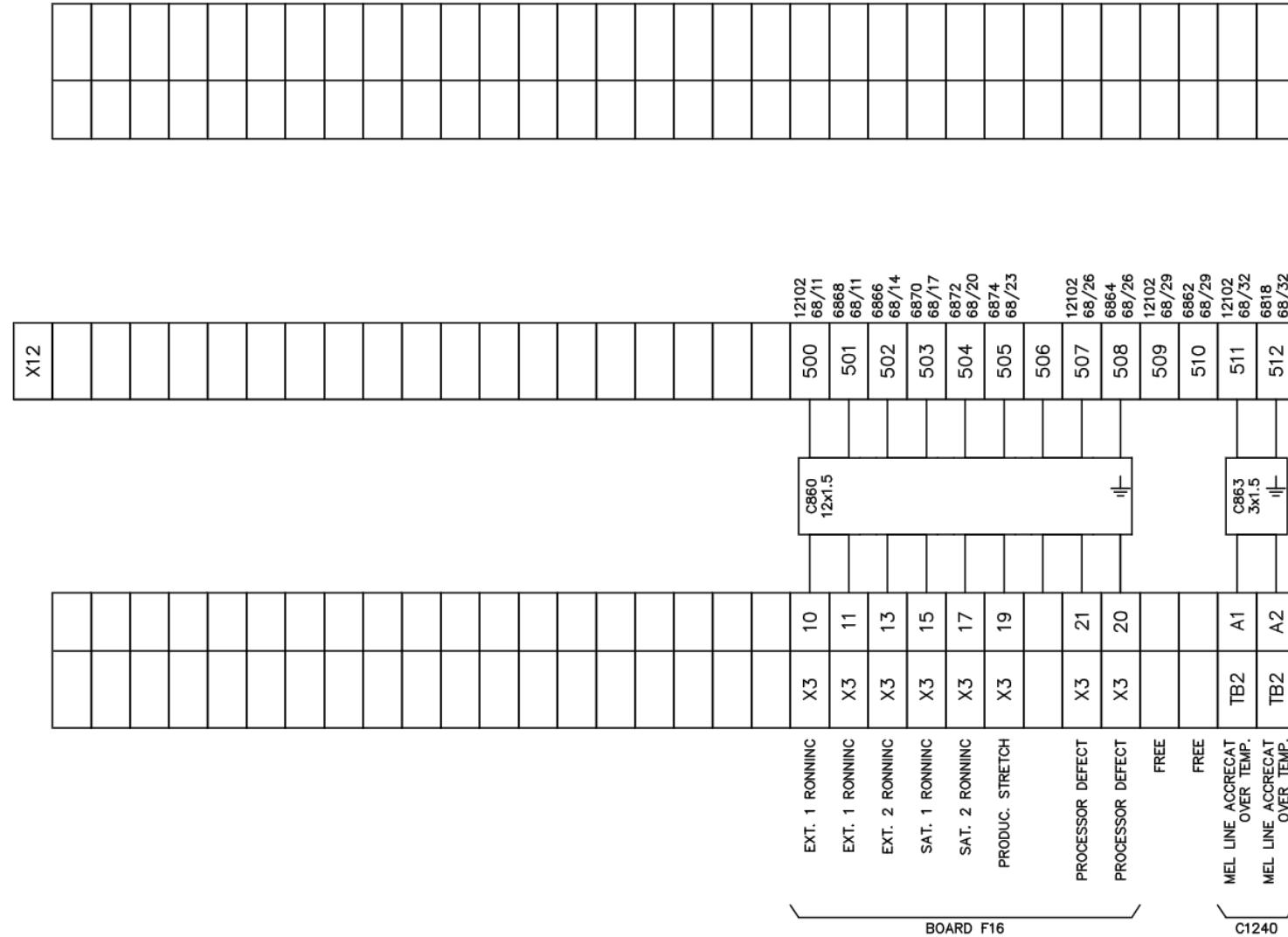
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INTEPLAST GROUP, Ltd.  
AMTOPP DIVI. M/E DEPT.

## TERMINAL BLOCKS X12 449-480

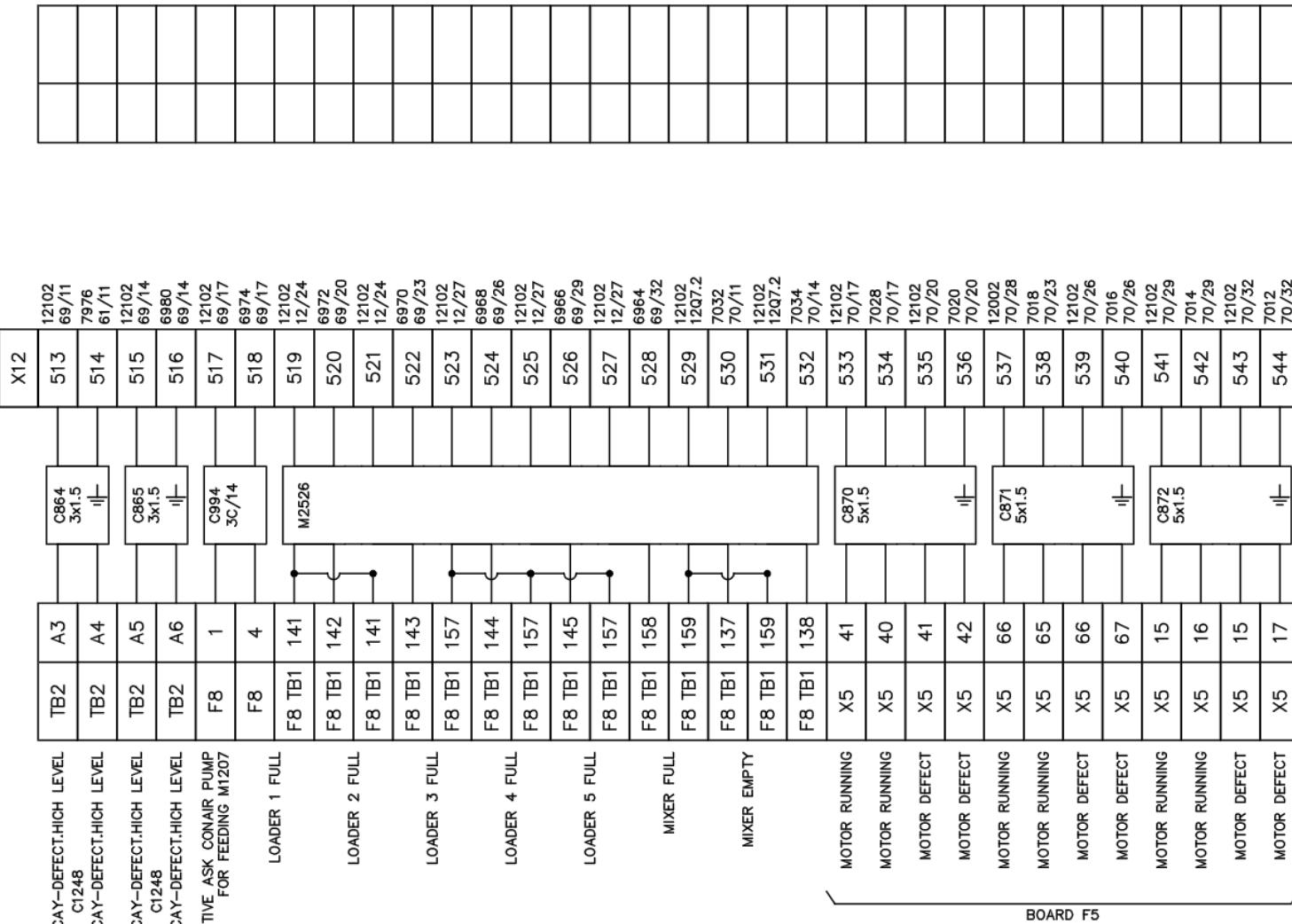
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 INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.	TERMINAL BLOCKS X12 481-512				DRAWING DESCRIPTION	KF023	Page #	185
DRAWN BY		LEO TSAI				F12	Total	
CHECKED BY		VINCENT HUANG				DRAWING NO.	MATERIAL	
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													Total	MATERIAL			
CHECKED BY	VINCENT HUANG												02-24-2012	SCALE	NONE	UNIT	MM

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BOARD F5

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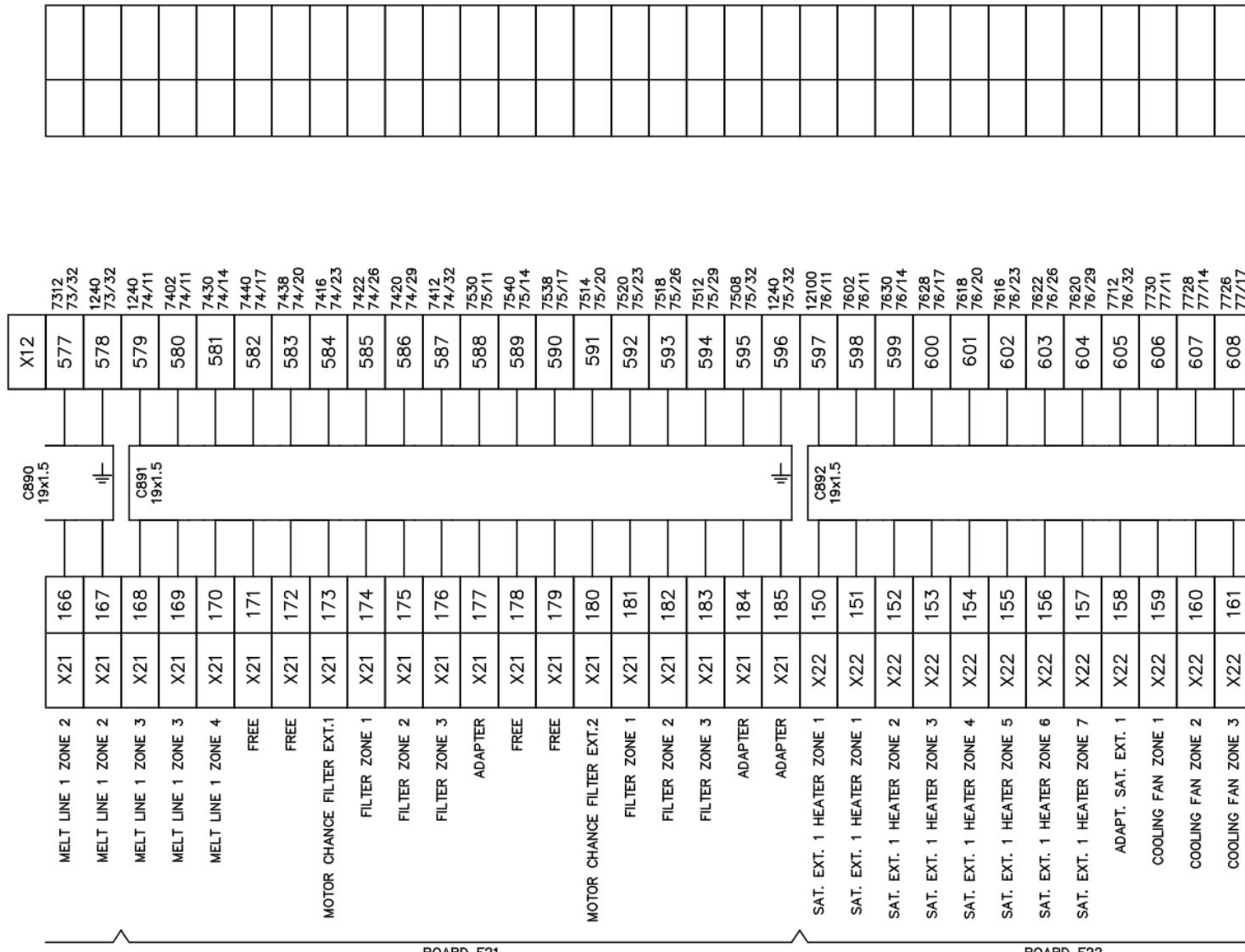


INTEPLAST GROUP, Ltd.  
AMTOPP DIVI. M/E DEPT.

## TERMINAL BLOCKS X12 545-576

	INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.	TERMINAL BLOCKS X12 545-576				DRAWING DESCRIPTION	KF023 F12	Page #	187
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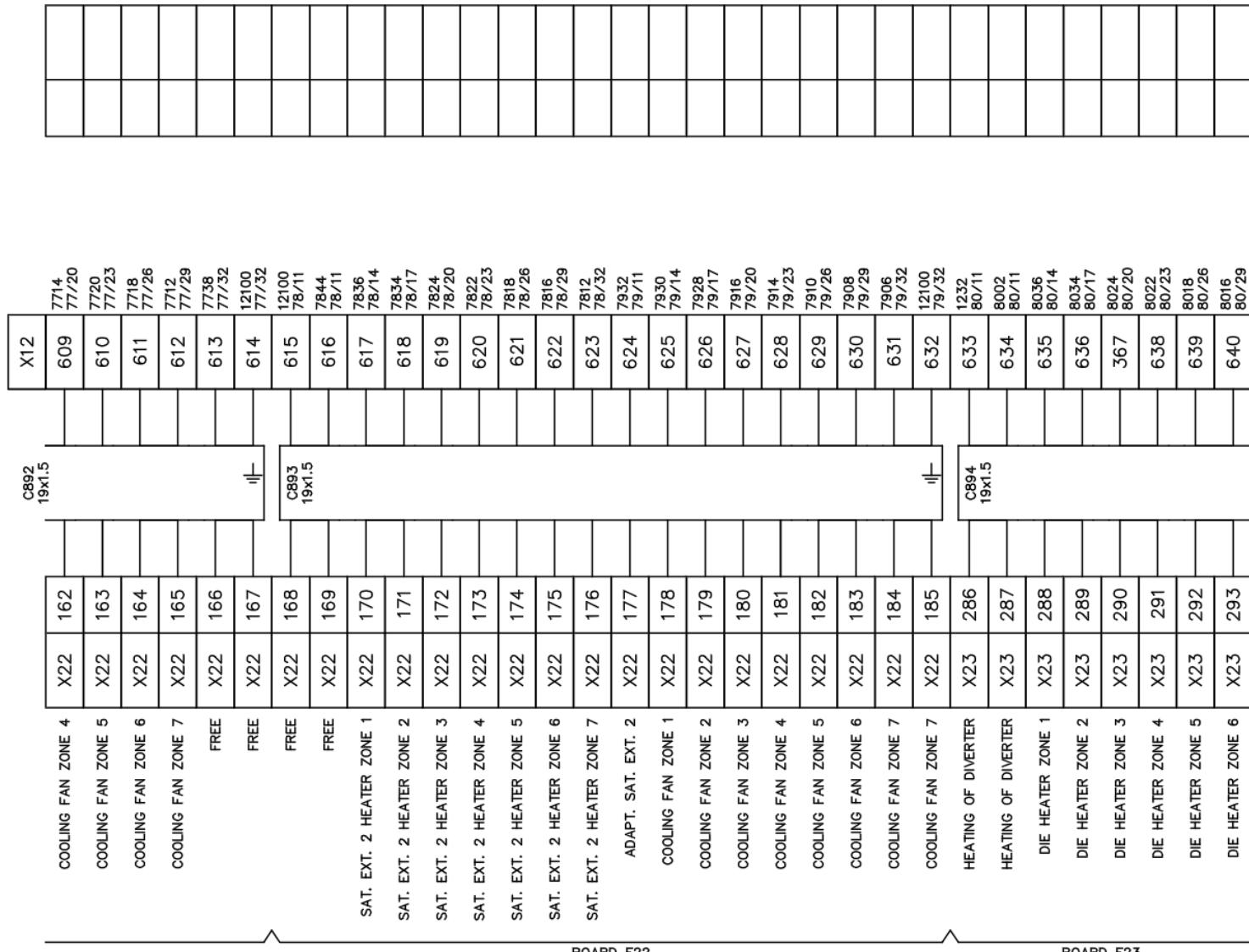
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	INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.
DRAWN BY	LEO TSAI
CHECKED BY	VINCENT HUANG

TERMINAL BLOCKS X12 577-608

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	DRAWING DESCRIPTION	KF023	Page #	188
						F12		
				02-24-2012		MATERIAL		
						SCALE	NONE	UNIT MM

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	INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.										TERMINAL BLOCKS X12 1-32										DRAWING DESCRIPTION	KF023 F12		Page #	189																		
DRAWN BY	LEO TSAI																												Total														
CHECKED BY	VINCENT HUANG																				DRAWING NO.		MATERIAL																				
																					REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	02-24-2012	SCALE	NONE	UNIT	MM													

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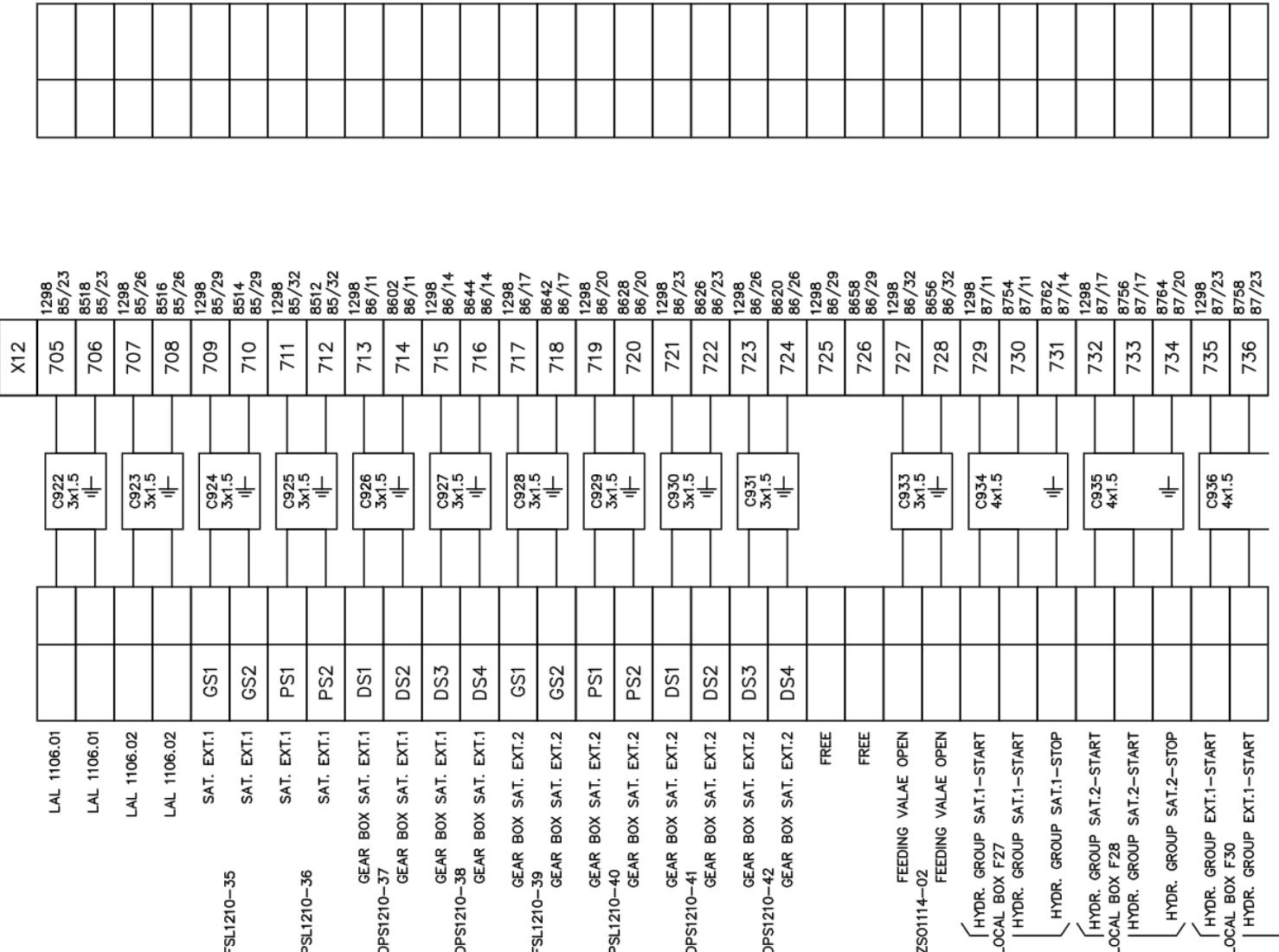
INTEPLAST GROUP, Ltd  
AMTOPP DIVI. M/E DEPT.

## TERMINAL BLOCKS X12 33-64

 INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.	TERMINAL BLOCKS X12 33-64				DRAWING DESCRIPTION	KF023	Page #	190
						F12	Total	
					DRAWING NO.		MATERIAL	
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 02-24-2012	SCALE	NONE

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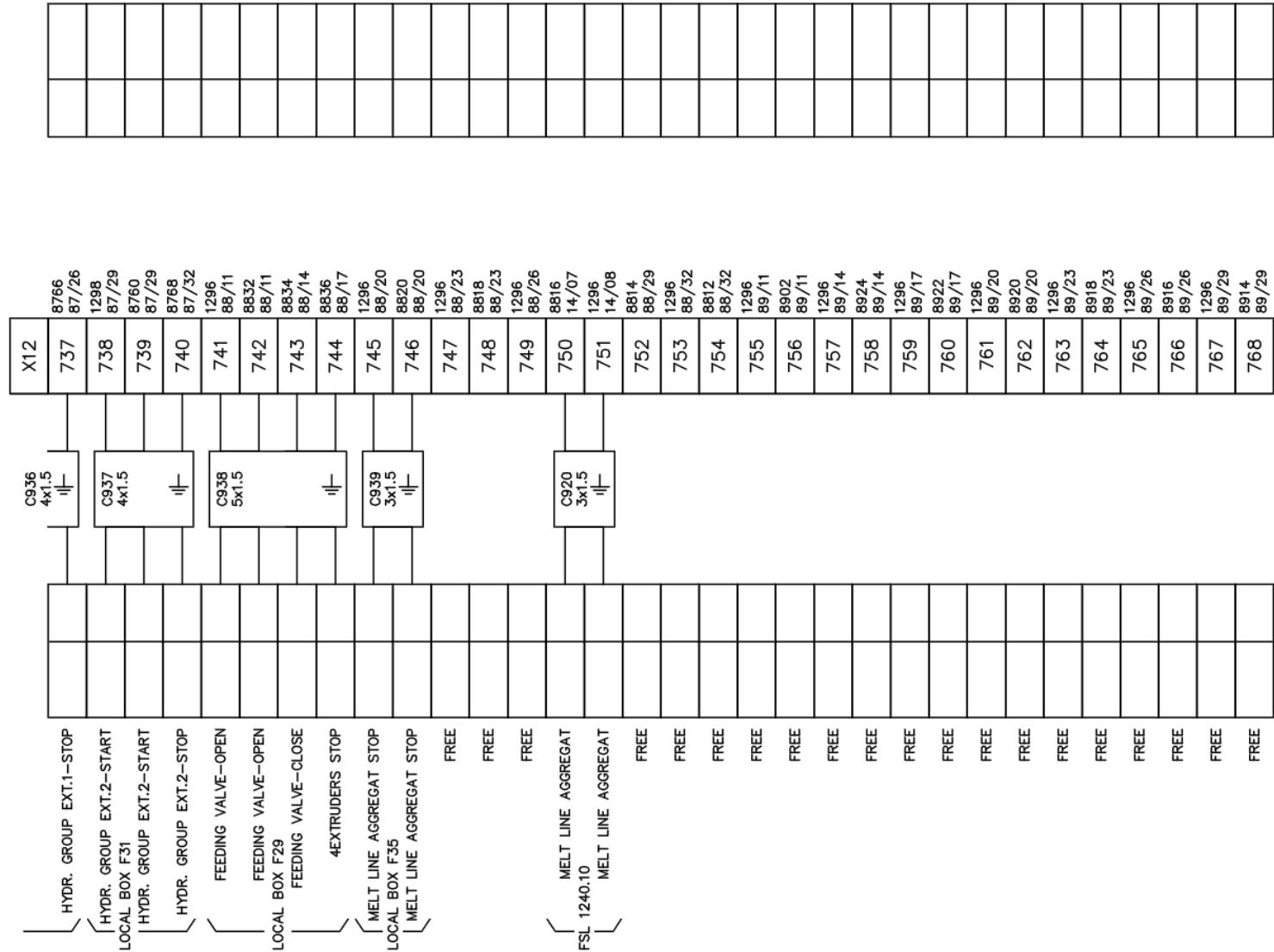
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DRAWN BY	VICTOR WEI	TERMINAL BLOCKS X12 97-128				REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	KF023 F12	Page #				
											DRAWING NO.	Total	MATERIAL			
CHECKED BY	VINCENT HUANG												SCALE	NONE	UNIT	MM

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	INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.	TERMINAL BLOCKS X12 129-160								DRAWING DESCRIPTION	KF023	Page #	193
DRAWN BY	VICTOR WEI										Total		
CHECKED BY	VINCENT HUANG	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	11-29-2012	SCALE	NONE	UNIT	MM	MATERIAL	

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X12	1296	89/32
769	89/32	89/32
770	89/32	89/32
771	1296	90/11
772	9002	90/11
773	1296	90/14
774	9024	90/14
775	1296	90/17
776	9022	90/17
777	1296	90/20
778	9020	90/20
779	1296	90/23
780	9018	90/23
781	9016	90/26
782	9016	90/26
783	1296	90/29
784	9014	90/29
785	1296	90/32
786	9012	90/32
787	1296	91/11
788	9102	91/11
789	1296	91/14
790	9124	91/14
791	1296	91/17
792	9122	91/17
793	1296	91/20
794	9120	91/20
795	1296	91/23
796	9118	91/23
797	1296	91/26
798	9116	91/26
799	1296	91/29
800	9114	91/29

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INTEPLAST GROUP, Ltd.  
AMTOPP DIVI. M/E DEPT.

## TERMINAL BLOCKS X12 161-192

			DRAWING DESCRIPTION	KF023	Page #	194		
				F12	Total			
			DRAWING NO.		MATERIAL			
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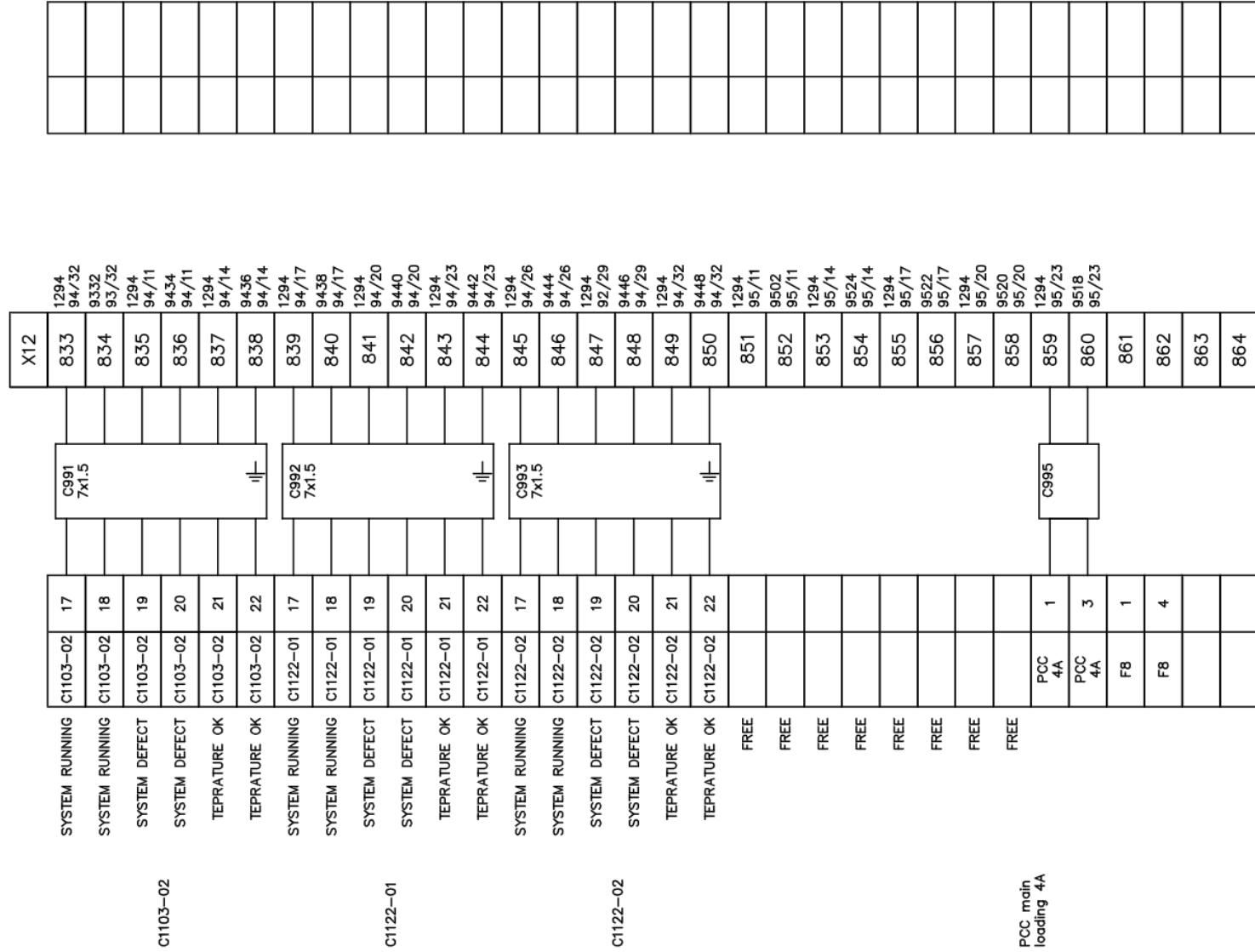


INTEPLAST GROUP, Ltd  
AMTOPP DIV. M/E DEPT.

## TERMINAL BLOCKS X12 193-224

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					Total				
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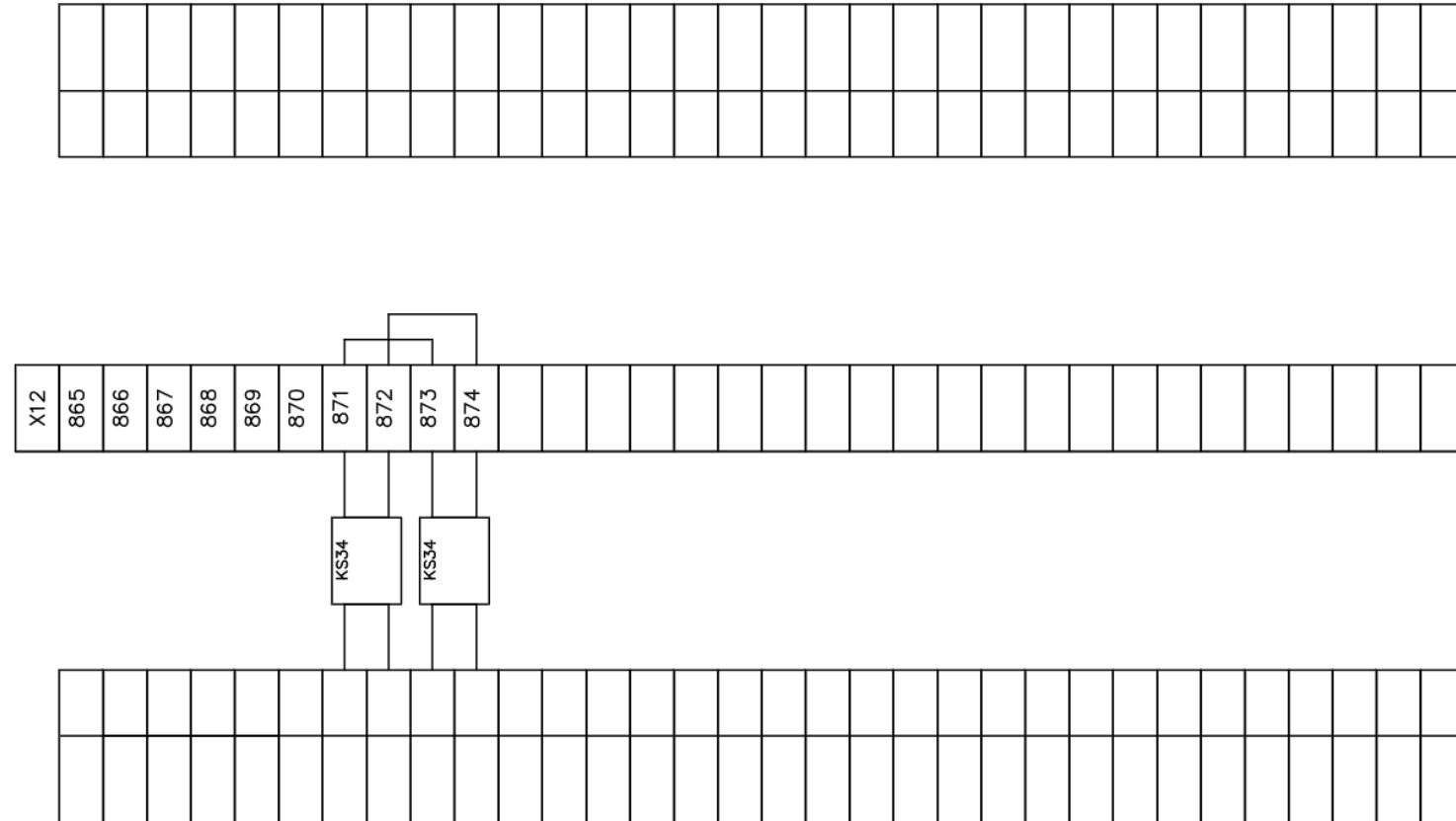
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	INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.	TERMINAL BLOCKS X12 225-256								DRAWING DESCRIPTION	KF023 F12	Page #		196
DRAWN BY	VICOTR WEI											Total		
CHECKED BY	VINCENT HUANG									DRAWING NO.		MATERIAL		
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	11-30-2012	SCALE	NONE	UNIT	MM			

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



FROM CONN AIR  
FROM CONN AIR  
TO DEFECT LIGHT  
IN CONTROL ROOM  
TO DEFECT LIGHT  
IN CONTROL ROOM

PCC MAIN  
LOADING 4A

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

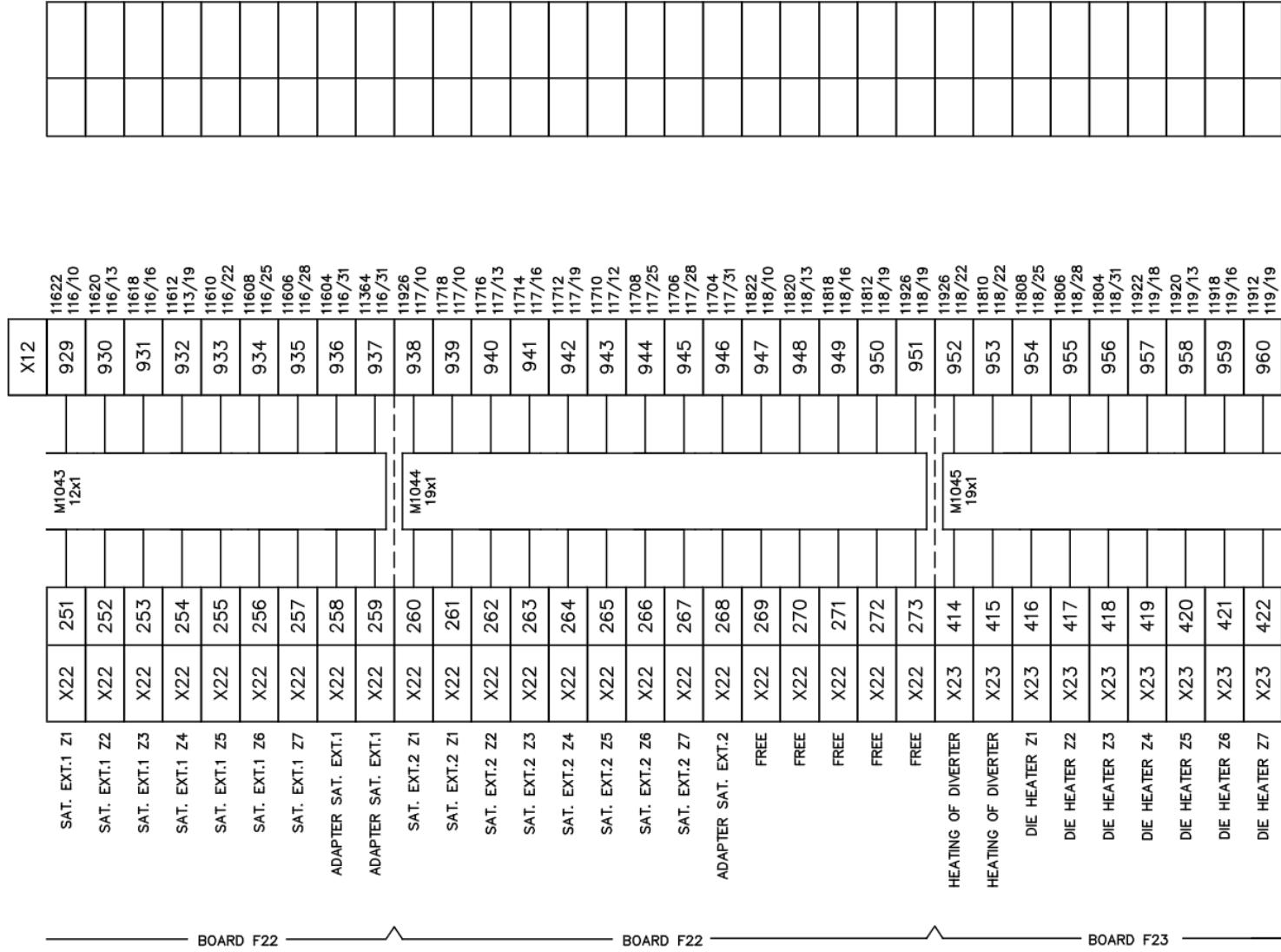
	INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.
DRAWN BY	VICOTR WEI
CHECKED BY	VINCENT HUANG

TERMINAL BLOCKS X12 257-288

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	KF023 F12	Page #	197
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					SCALE	NONE	UNIT MM



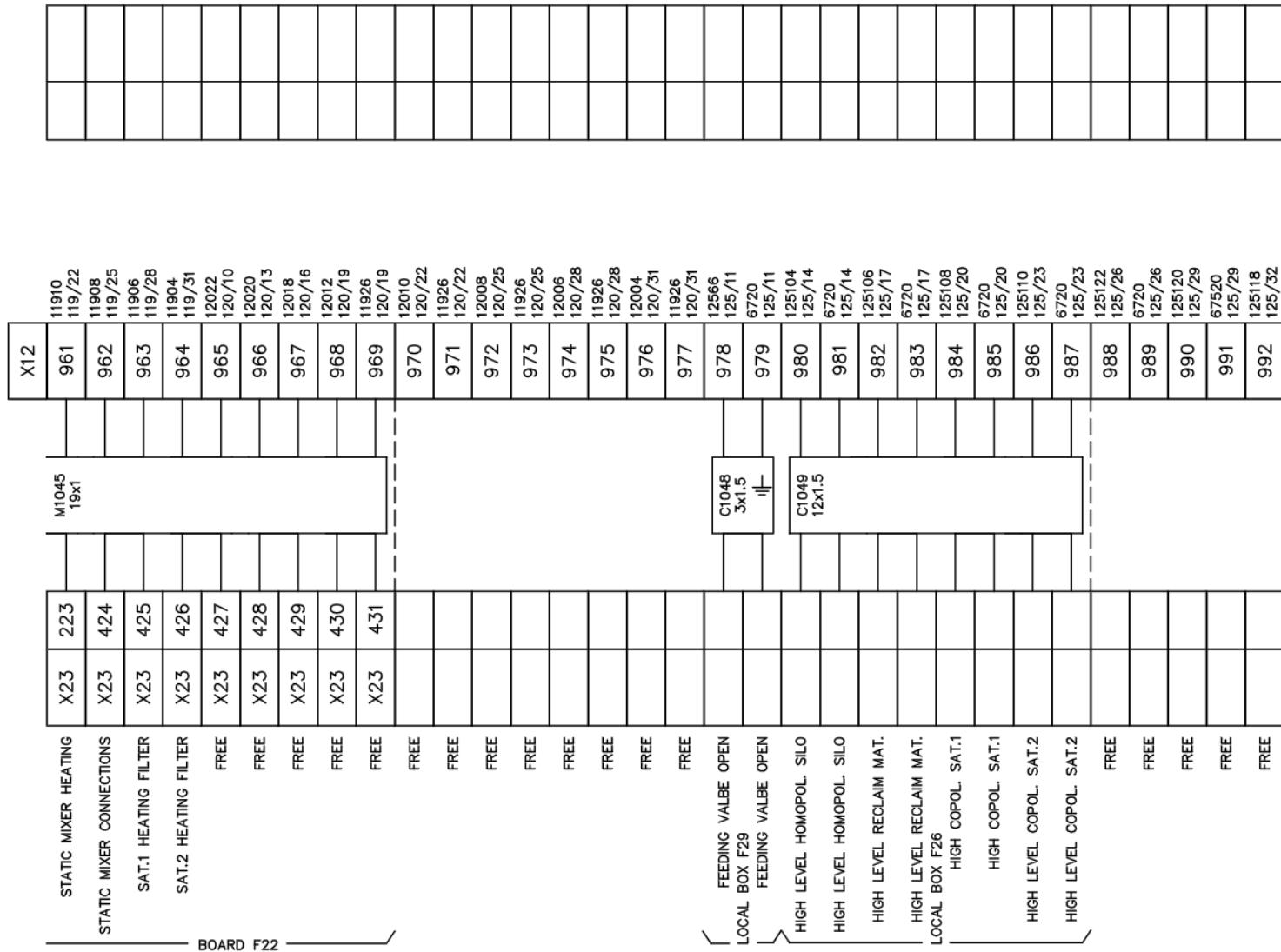
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 INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.	TERMINAL BLOCKS X12 321-352				DRAWING DESCRIPTION	KF023	Page #	199
						F12	Total	
DRAWN BY		VICTOR WEI			DRAWING NO.		MATERIAL	
CHECKED BY		VINCENT HUANG	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	12-03-2012

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		TERMINAL BLOCKS X12 353-384						DRAWING DESCRIPTION	KF023 F12	Page #	200
DRAWN BY	VICTOR WEI							DRAWING NO.		Total	
CHECKED BY	VINCENT HUANG	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	12-03-2012	SCALE	NONE	UNIT	MM

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			X12
FREE			6720 125/32
REMOTE START	C1103-01	11	K1070 5x1.5
REMOTE START	C1103-01	12	994 126/18
REMOTE STOP	C1103-01	13	995 6720 126/11
REMOTE STOP	C1103-01	14	996 126/14
REMOTE START	C1103-02	11	K1071 5x1.5
REMOTE START	C1103-02	12	997 6720 126/14
REMOTE STOP	C1103-02	13	998 126/154
REMOTE STOP	C1103-02	14	999 6720 126/17
REMOTE START	C1103-02	11	1000 6720 126/20
REMOTE STOP	C1103-02	12	1001 6720 126/20
REMOTE START	C1122-01	11	K1072 5x1.5
REMOTE START	C1122-01	12	1002 6720 126/23
REMOTE STOP	C1122-01	13	1003 6720 126/23
REMOTE STOP	C1122-01	14	1004 6720 126/26
REMOTE START	C1122-02	11	K1073 5x1.5
REMOTE START	C1122-02	12	1005 6720 126/26
REMOTE STOP	C1122-02	13	1006 6720 126/108
REMOTE STOP	C1122-02	14	1007 6720 126/29
REMOTE START	C1122-02	11	1008 6720 126/32
REMOTE STOP	C1122-02	12	1009 6720 126/32
FEEDING VALVE			6720 126/29
FEEDING VALVE			6720 126/32
S.V RIGHT BAG	PCC		6720 126/32
S.V RIGHT BAG	PCC		6720 126/32
SECONDARY MELT LINE 1 PART			6720 126/32
SECONDARY MELT LINE 1 PART			6720 126/32
SECONDARY MELT LINE 2 PART			6720 126/32
SECONDARY MELT LINE 2 PART			6720 126/32
MELT LINE SAT. EXT.1			6720 126/32
MELT LINE SAT. EXT.1			6720 126/32
MELT LINE SAT. EXT.2			6720 126/32
MELT LINE SAT. EXT.2			6720 126/32
COOL. EXT.1 FEEDING ZONE			6720 126/32
COOL. EXT.1 FEEDING ZONE			6720 126/32
COOLING EXT. Z1			6720 126/32

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



INTEPLAST GROUP, Ltd.  
AMTOPP DIVI. M/E DEPT.

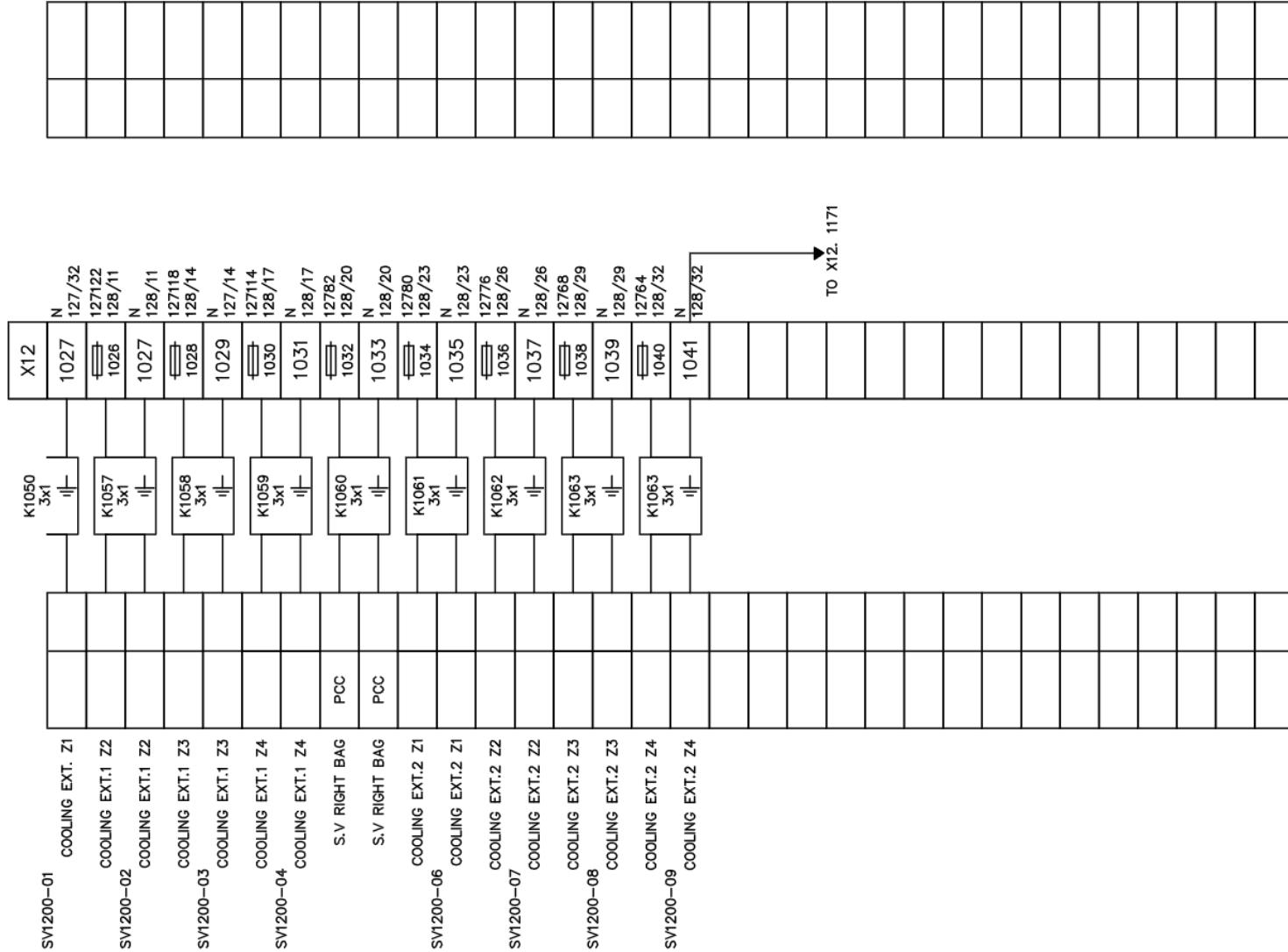
DRAWN BY VICTOR WEI

CHECKED BY VINCENT HUANG

## TERMINAL BLOCKS X12 385-416

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						Total			

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10 x 12. 117

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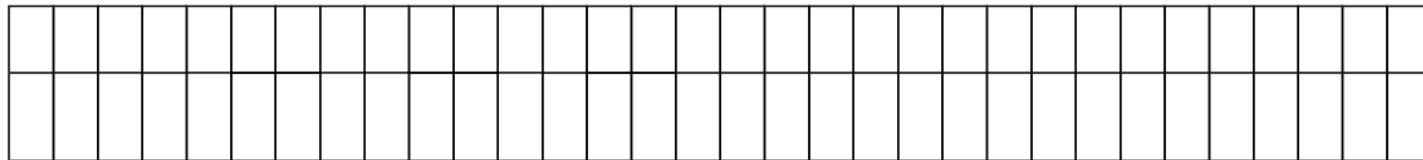
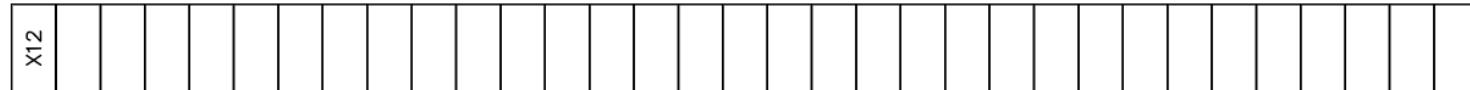
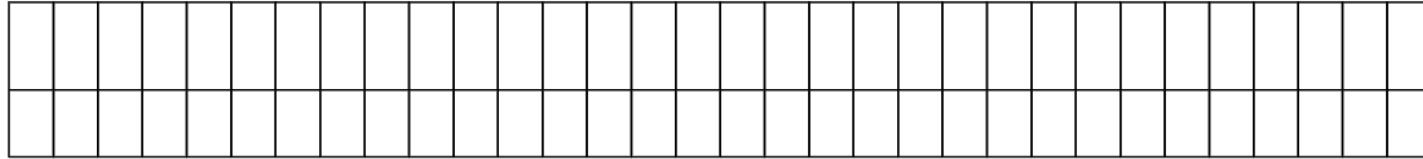


INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

## TERMINAL BLOCKS X12 417-448

 INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 417-448				DRAWING DESCRIPTION	KF023 F12	Page #	202	
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CHECKED BY					DRAWING NO.		MATERIAL		
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 INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

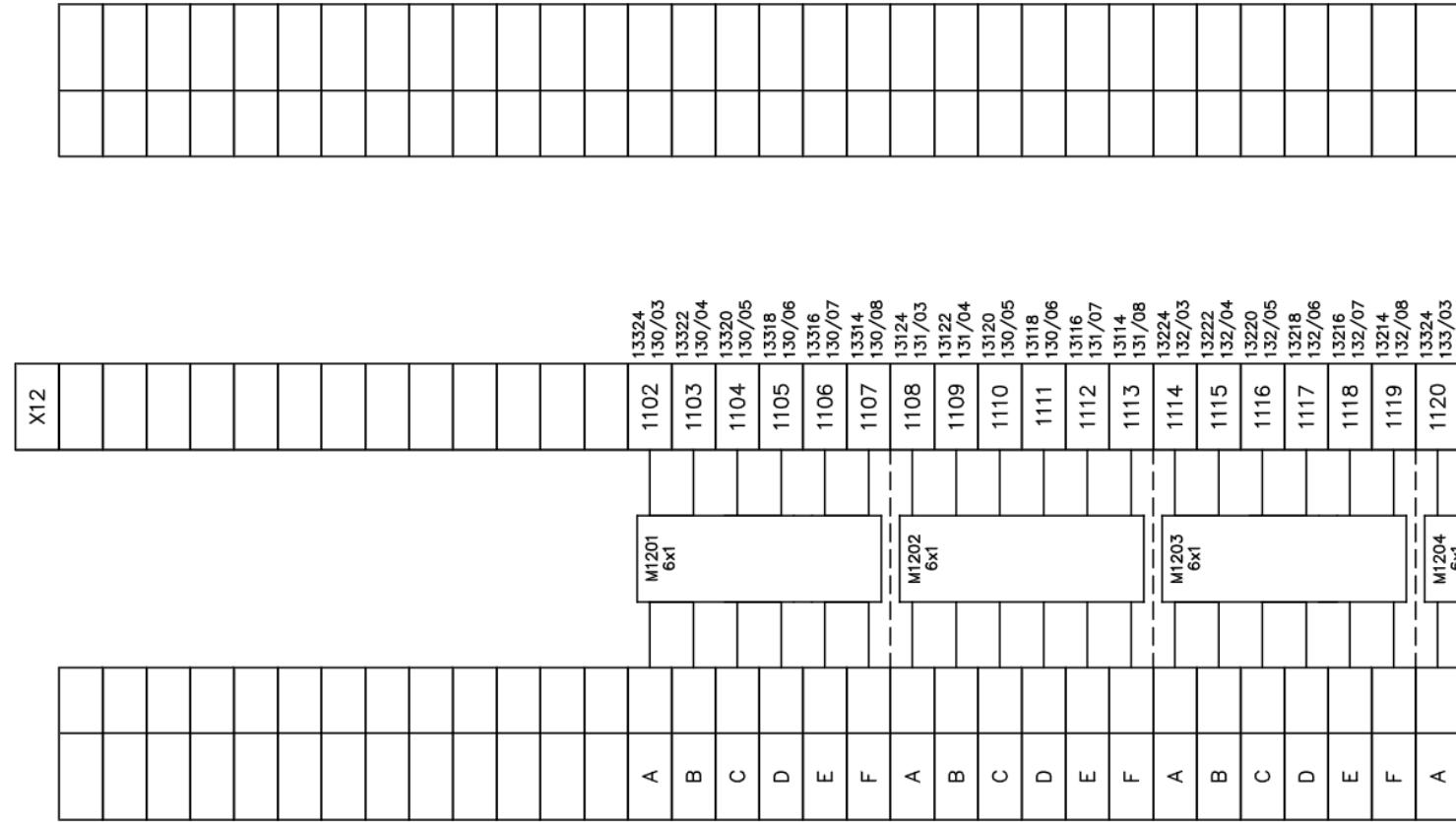
DRAWN BY VICTOR WEI

CHECKED BY VINCENT HUANG

TERMINAL BLOCKS X12 449-480

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	KF023 F12	Page #	203
					DRAWING NO.	MATERIAL	Total
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INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.		TERMINAL BLOCKS X12 481-512				REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	DRAWING DESCRIPTION	KF023 F12	Page #	204			
DRAWN BY	VICTOR WEI											DRAWING NO.	Total	MATERIAL			
CHECKED BY	VINCENT HUANG													SCALE	NONE	UNIT	MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

The diagram illustrates the layout of a printed circuit board (PCB) assembly. The board is divided into several functional areas:

- Top Row:** Components X12, M1204, and M1205 are located at the top edge.
- Middle Section:** Components PE1250-03, PE1210-31, PE1235-03, PE1210-33, and PE1235-04 are arranged in a central column.
- Bottom Section:** Components X2, X22, and BOARD F16 are located at the bottom edge.
- Left Column:** Components B through F are arranged vertically on the left side.
- Right Column:** Components A through F are arranged vertically on the right side.
- Bottom Left:** Components 0-207 Bars and 0-345 Bars are located near the bottom left corner.
- Bottom Right:** Components 0-207 Bars and 0-345 Bars are located near the bottom right corner.

Component labels and their respective part numbers and descriptions are as follows:

- X12:** M1204 6x1
- M1204:** 13322  
133/04
- M1205:** 13320  
133/05
- PE1250-03:** 0-207 Bars
- PE1210-31:** 0-345 Bars
- PE1235-03:** 0-207 Bars
- PE1210-33:** 0-345 Bars
- PE1235-04:** 0-207 Bars
- BOARD F16:** MI220 2x1  
MI221 2x1
- B:** 1121  
133/04
- C:** 1122  
133/05
- D:** 1123  
133/06
- E:** 1124  
133/07
- F:** 1125  
133/08
- A:** 1126  
134/03
- B:** 1127  
134/04
- C:** 1128  
134/05
- D:** 1129  
134/06
- E:** 1130  
134/07
- F:** 1131  
134/08
- A:** 1132  
135/03
- B:** 1133  
135/04
- C:** 1134  
135/05
- D:** 1135  
135/06
- E:** 1136  
135/07
- F:** 1137  
135/08
- A:** 1138  
136/03
- B:** 1139  
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- C:** 1140  
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- D:** 1141  
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- C:** 1146  
137/05
- D:** 1147  
137/06
- E:** 1148  
137/07
- F:** 1149  
137/08
- X2:** 38  
138/13
- X22:** 39  
138/14
- X2:** 40  
138/15

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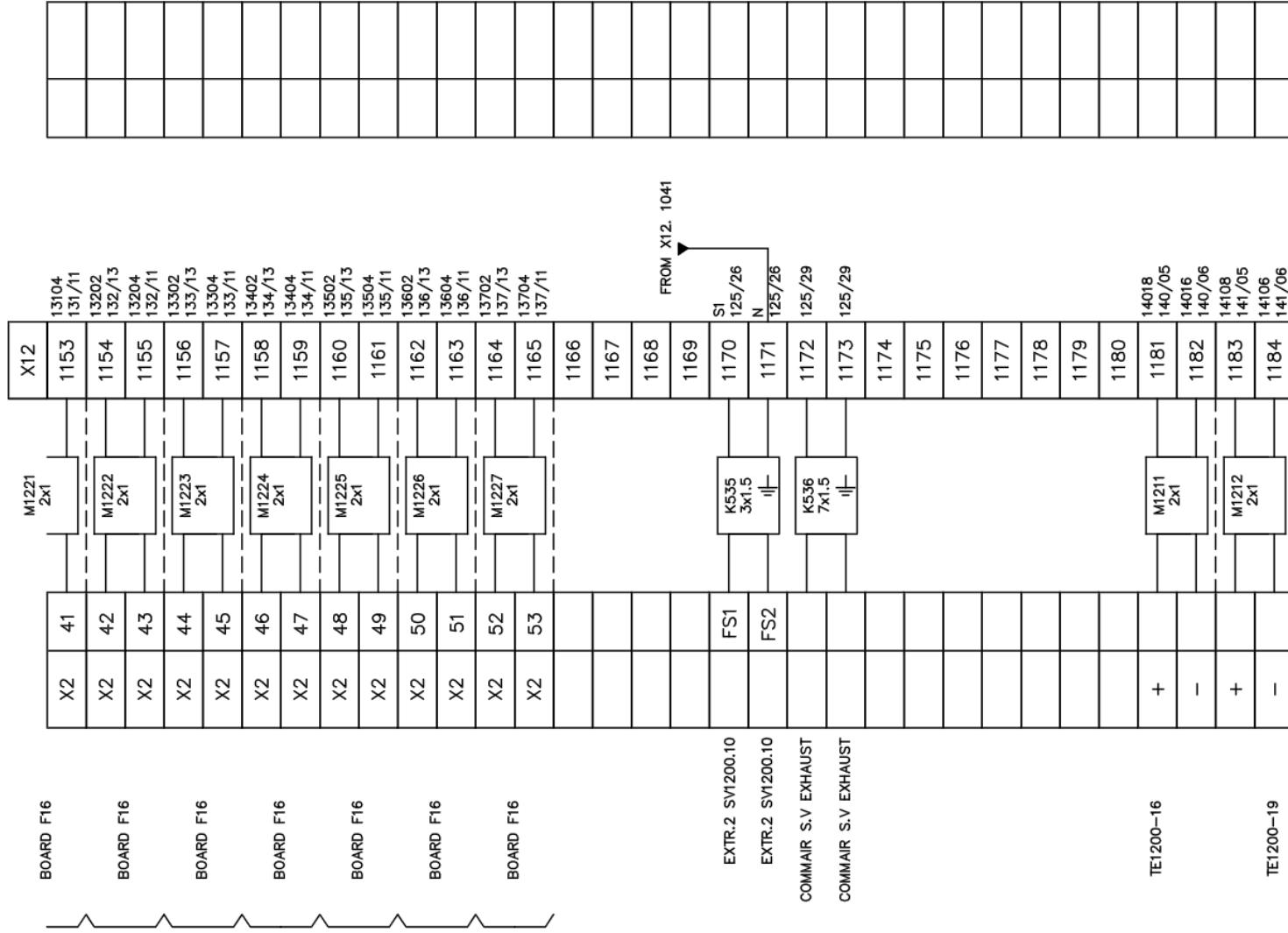


INTEPLAST GROUP, Ltd.  
AMTOPP DIVI. M/E DEPT.

## TERMINAL BLOCKS X12 513-544

 INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.	TERMINAL BLOCKS X12 513-544				DRAWING DESCRIPTION	KF023	Page #	205
DRAWN BY						F12	Total	
CHECKED BY					DRAWING NO.		MATERIAL	
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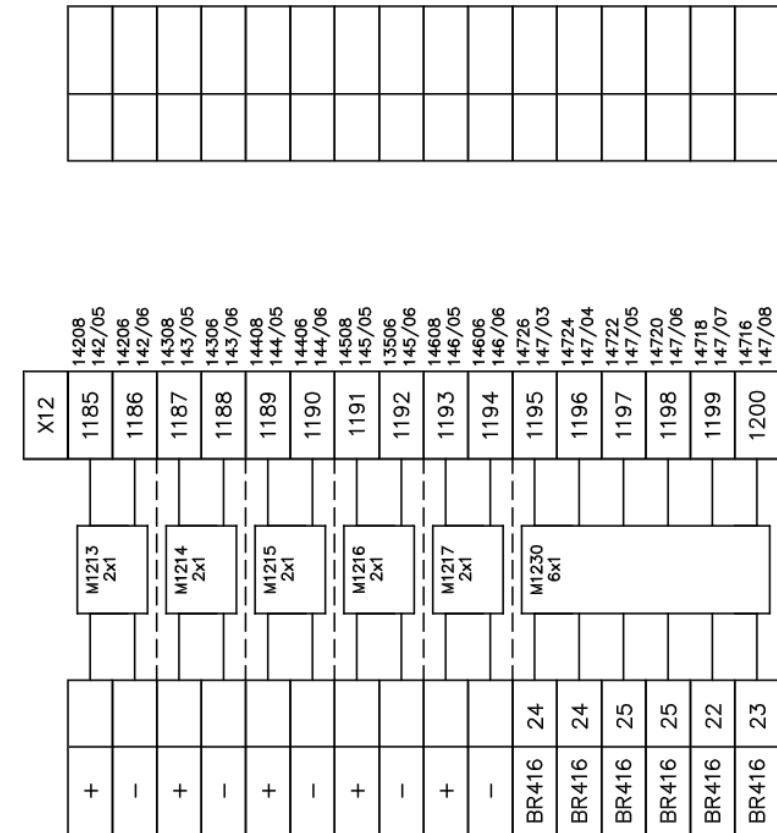


INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

## TERMINAL BLOCKS X12 545-576

 INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.	TERMINAL BLOCKS X12 545-576				DRAWING DESCRIPTION	KF023	Page #	206		
DRAWN BY		VICTOR WEI				F12	Total			
CHECKED BY		VINCENT HUANG				DRAWING NO.	MATERIAL			
	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	12-03-2012	SCALE	NONE	UNIT	MM

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TE1250-02

TE1210-32

TE1235-01

TE1210-34

TE1235-02

WE115

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	INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.
DRAWN BY	VICTOR WEI
CHECKED BY	VINCENT HUANG

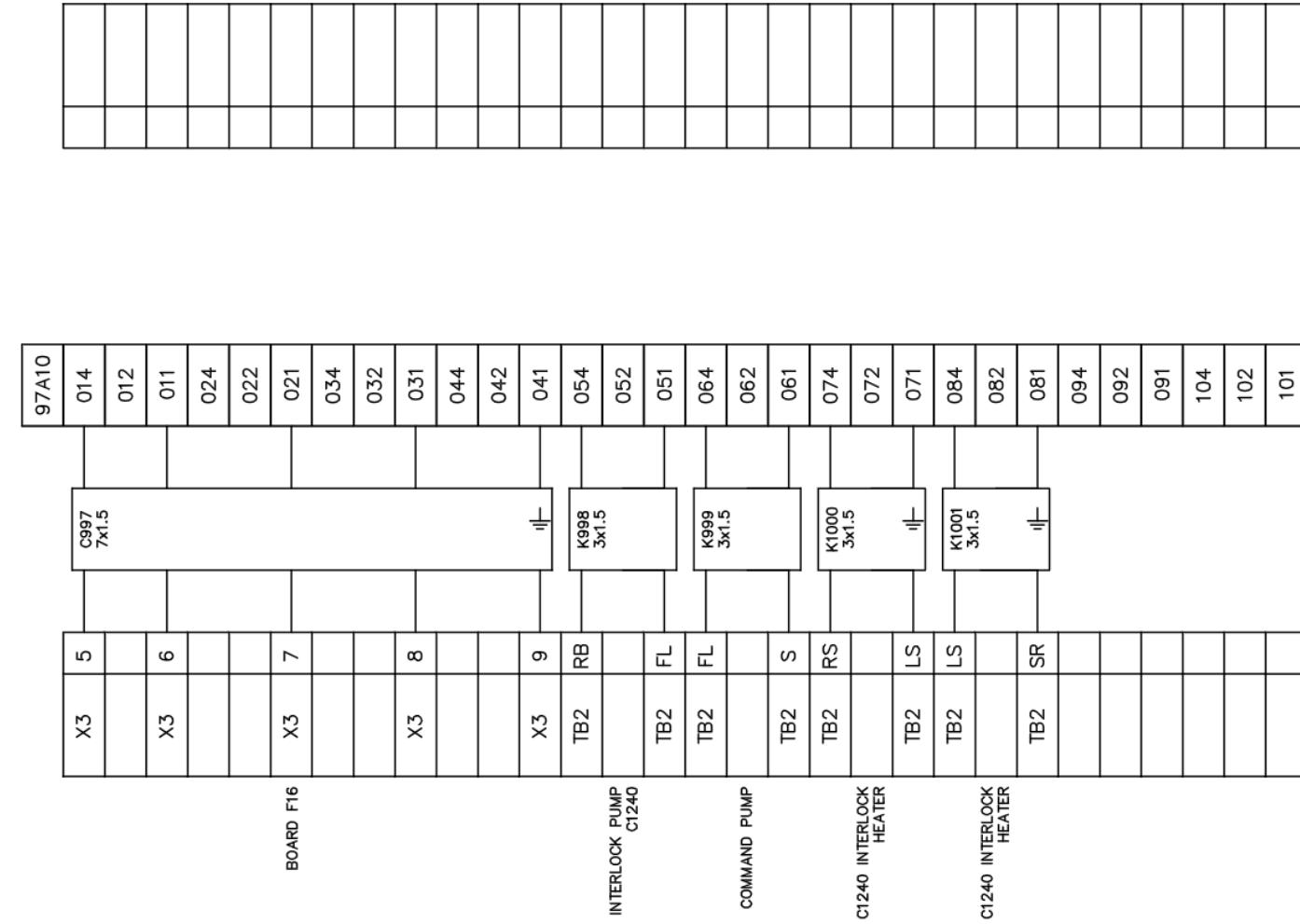
TERMINAL BLOCKS X12 577-608

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	KF023		Page #	207
					DRAWING DESCRIPTION	F12		
				12-04-2012	SCALE	NONE	UNIT	MM

01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
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C	F			
B	E			
A	D			
CLIENT : F.P.C.	FREE	DESSINE PAR D.P. VERIFIE PAR P.V.	N° KF023 9012E-05	FOLIO 208
cellier				

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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 INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

DRAWN BY	VICTOR WEI
CHECKED BY	VINCENT HUANG

TERMINAL BLOCKS F12

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	KF023 F12	Page #	209
						Total	
				12-04-2012		MATERIAL	
					SCALE	NONE	UNIT MM

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

RELEASE KLAXON  
RELEASE KLAXON  
ROTATING LIGHT  
ROTATING LIGHT  
RELEASE KLAXON  
RELEASE KLAXON  
RELEASE DEFECT

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

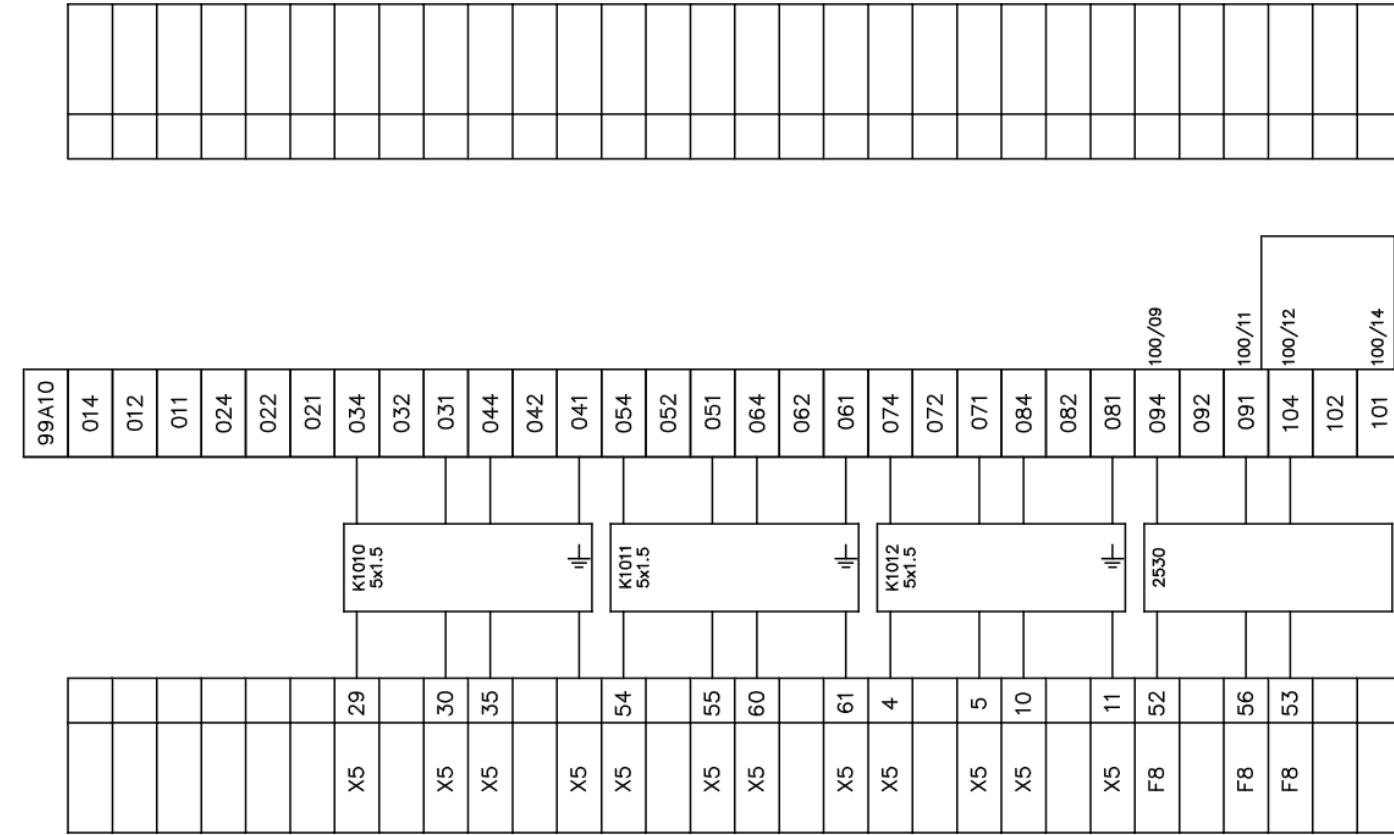


INTEPLAST GROUP, Ltd.  
AMTOPP DIVI. M/E DEPT.

## TERMINAL BLOCKS F12

 INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.	TERMINAL BLOCKS F12				DRAWING DESCRIPTION	KF023	Page #	210
						F12	Total	
							MATERIAL	
DRAWN BY	VICTOR WEI	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	12-05-2012	SCALE NONE UNIT MM
CHECKED BY	VINCENT HUANG							

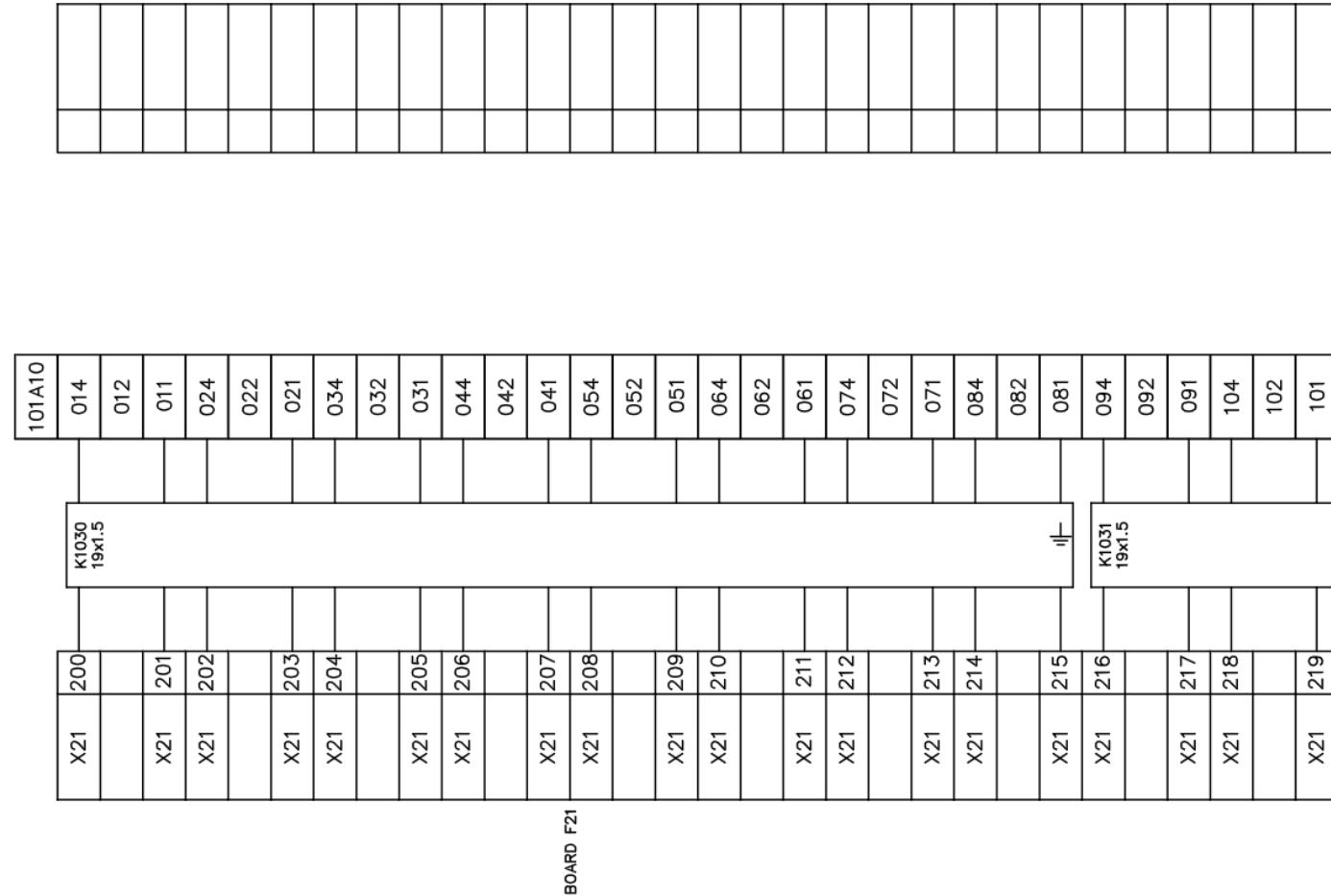
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DRAWN BY	VICTOR WEI	TERMINAL BLOCKS F12					DRAWING DESCRIPTION	KF023 F12	Page #	
									Total	MATERIAL
CHECKED BY	VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	12-05-2012	SCALE	NONE

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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	INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.
DRAWN BY	VICTOR WEI
CHECKED BY	VINCENT HUANG

### TERMINAL BLOCKS F12

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	DRAWING DESCRIPTION		KF023 F12	Page #	213
					DRAWING NO.	MATERIAL			
				12-05-2012					
					SCALE	NONE	UNIT	MM	

BOARD F21

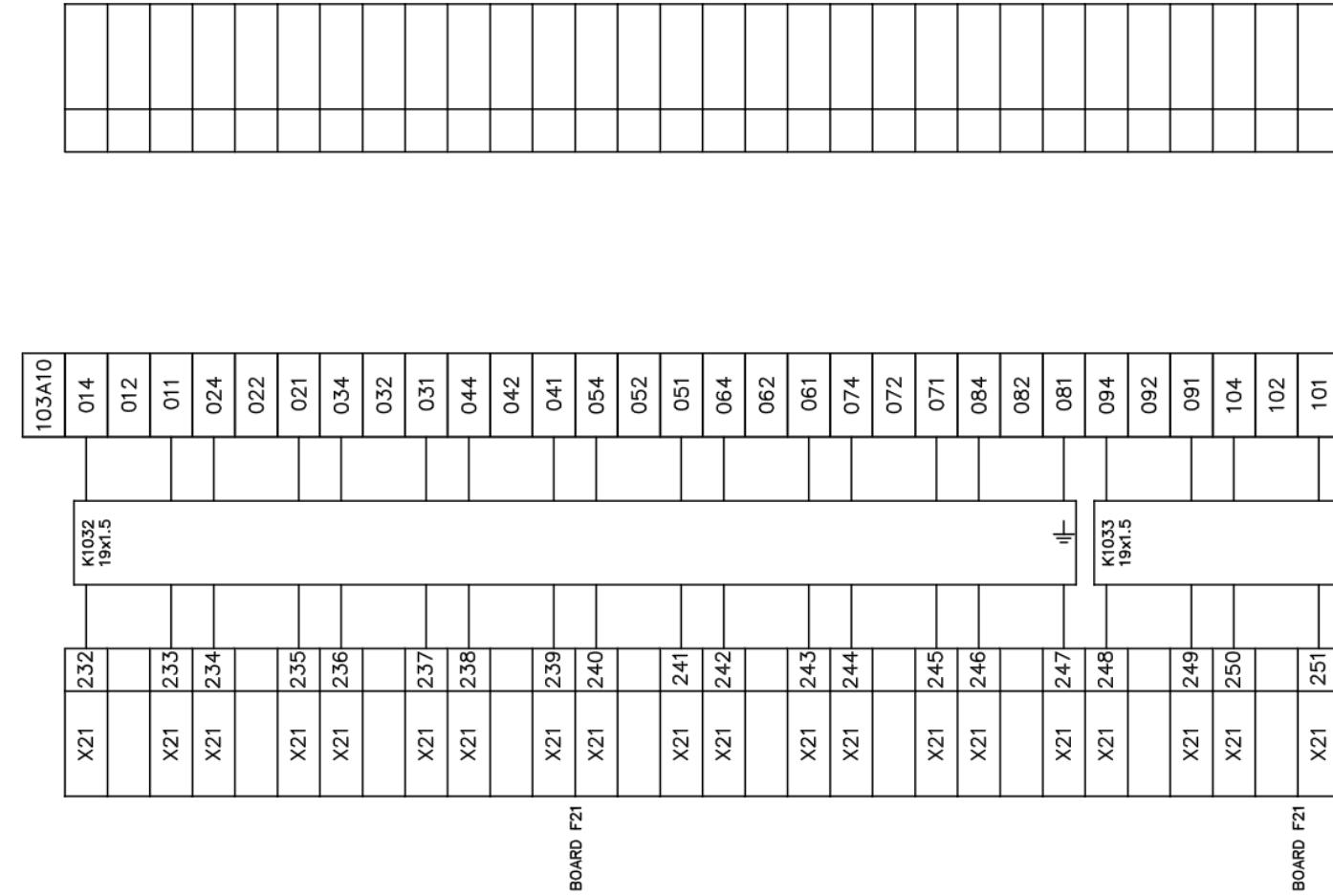
X21	220	
X21	221	
X21	222	
X21	223	
X21	224	
X21	225	
X21	226	
X21	227	
X21	228	
X21	229	
X21	230	
X21	231	

K1831  
19 x 1.5

101A10  
114  
112  
111  
124  
122  
121  
134  
132  
131  
144  
142  
141  
154  
152  
151  
164  
162  
161

C		F	
B		E	
A		D	
CLIENT : F.P.C		TERMINAL BLOCK F12	
<b>cellier</b>		DESSINE PAR D.P.	
		VERIFIE PAR P.V.	
		LE	
		LE	
		N°	KF023
			9012E-05
		FOLIO	214

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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DRAWN BY	VICTOR WEI	TERMINAL BLOCKS F12								DRAWING DESCRIPTION	KF023 F12	Page #	
												Total	
CHECKED BY	VINCENT HUANG									DRAWING NO.		MATERIAL	
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	12-05-2012	SCALE	NONE	UNIT	MM		

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00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



INTEPLAST GROUP, Ltd  
AMTOPP DIVI. M/E DEPT.

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DRAWN BY

DRAWN BY VICTOR WEI  
CHECKED BY VINCENT HUANG

TERMINAL BLOCKS F12

				DRAWING DESCRIPTION	KF023 F12	Page #	217		
				DRAWING NO.		Total			
						MATERIAL			
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	12-05-2012	SCALE	NONE	UNIT	MM

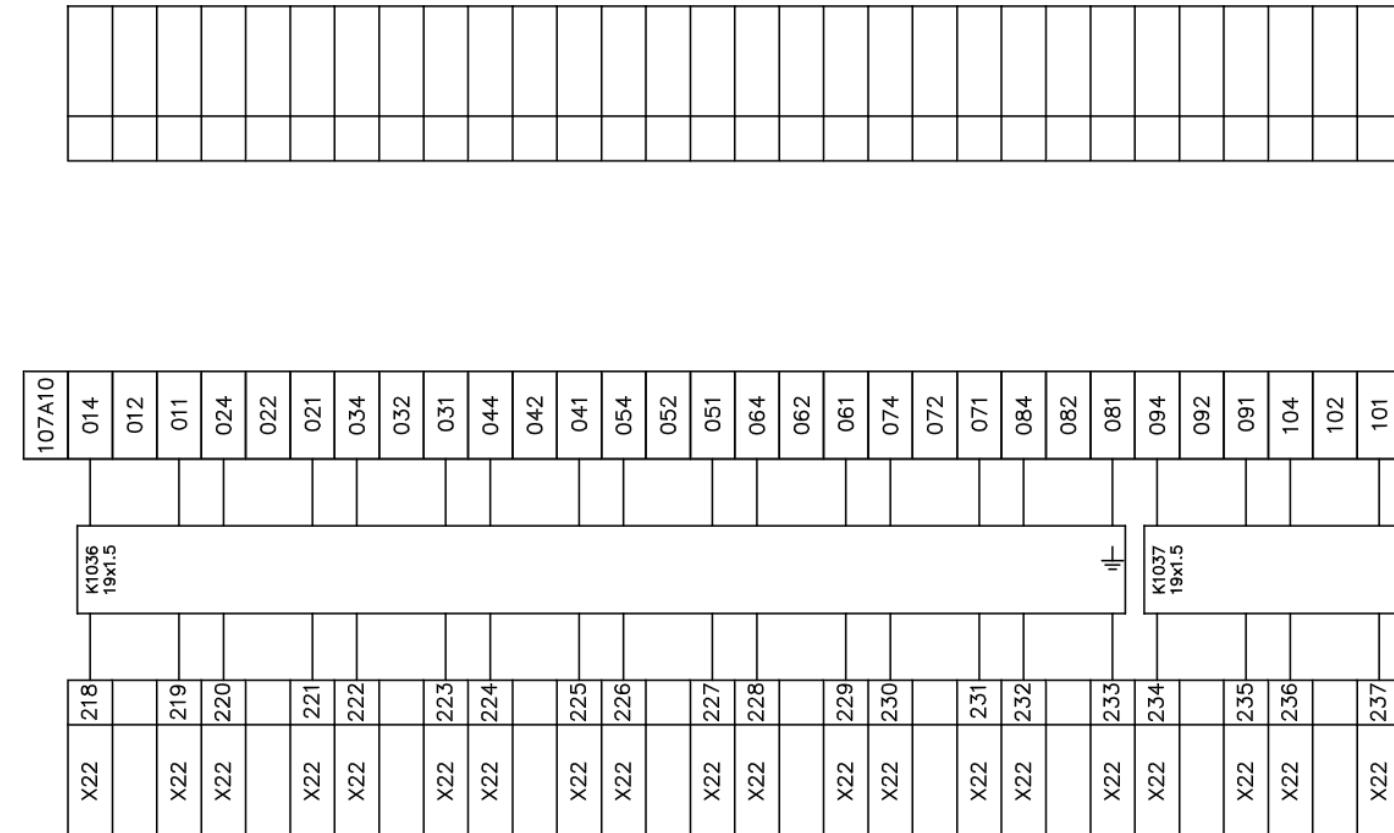
BOARD F22

X22		206		K1035 19 x 1.5	105A10
X22	207				114
X22	208				112
					111
X22	209				124
X22	210				122
					121
X22	211				134
X22	212				132
					131
X22	213				144
X22	214				142
					141
X22	215				154
X22	216				152
					151
X22	217				164
					152
X22	218				161

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

C		F	
B		E	
D		G	
CLIENT : F.P.C		TERMINAL BLOCK F12	
		DESSINE PAR D.P.	
		VERIFIEE PAR P.V.	
		LE	
		LE	
		N° KF023	
		9012E-05	
<b>cellier</b>		FOLIO 218	

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	INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.	TERMINAL BLOCKS F12								DRAWING DESCRIPTION	KF023 F12	Page #	219
DRAWN BY	VICTOR WEI										Total		
CHECKED BY	VINCENT HUANG									DRAWING NO.		MATERIAL	
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	12-05-2012	SCALE	NONE	UNIT	MM		

X22	238	
X22	239	
X22	240	
X22	241	
X22	242	
X22	243	
X22	244	
X22	245	
X22	246	
X22	247	
X22	248	
X22	249	

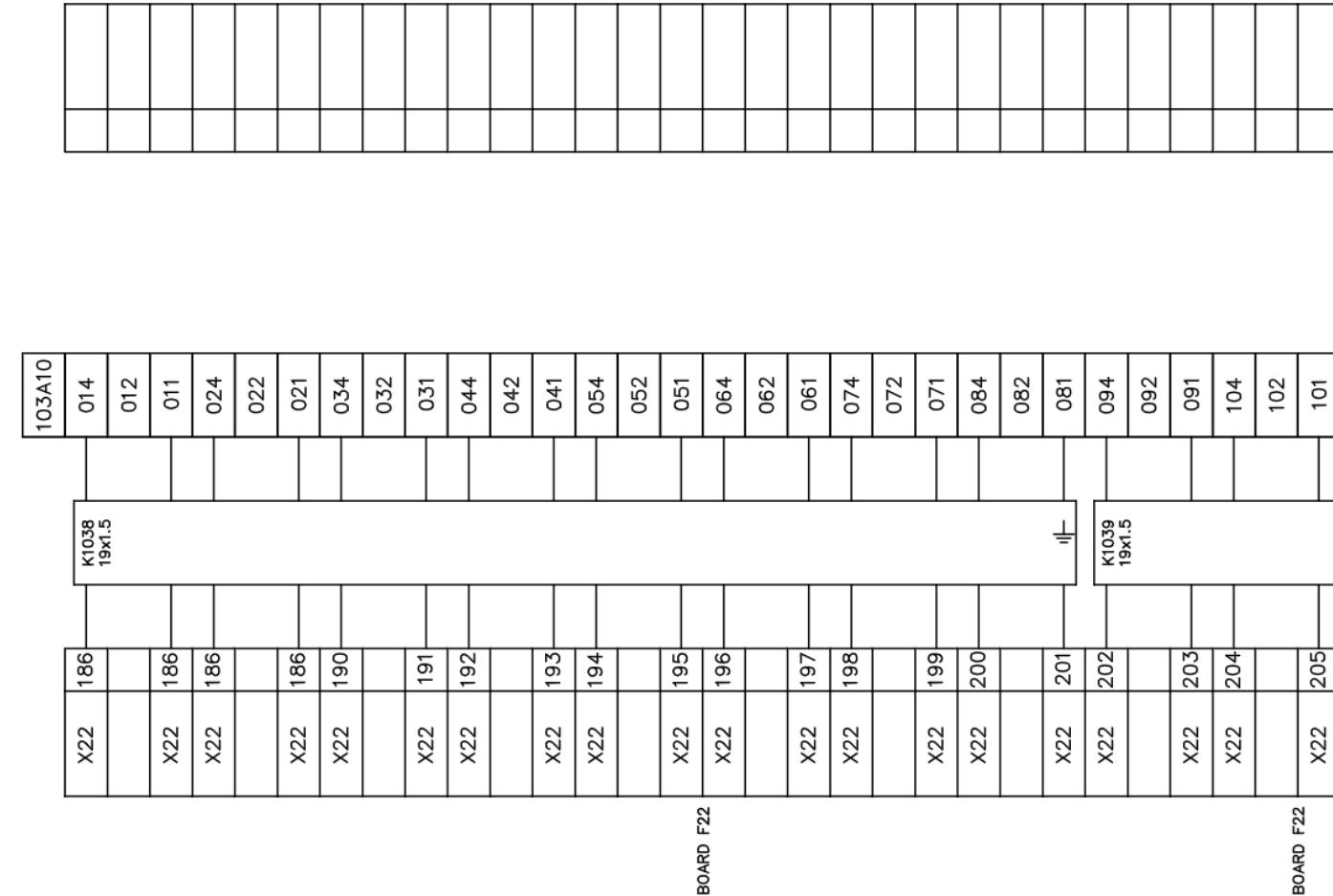
X183?

107A10
114
112
111
124
122
121
134
132
131
144
142
141
154
152
151
164
162
161

81	82	83	84	85	86	87	88	89	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
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C		F			
B		E			
A		D			
CLIENT : F.P.C	TERMINAL BLOCK F12		DESSINE PAR <u>D.P.</u> VERIFIE PAR <u>P.V.</u>	N° <u>KF023</u> <u>9012E-05</u>	FOLIO <u>220</u>
<b>cellier</b>			LE		
			LE		

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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DRAWN BY	VICTOR WEI	TERMINAL BLOCKS F12								DRAWING DESCRIPTION	KF023 F12	Page #	
												Total	MATERIAL
CHECKED BY	VINCENT HUANG	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	12-05-2012	SCALE	NONE	UNIT	MM		



INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

BOARD F23

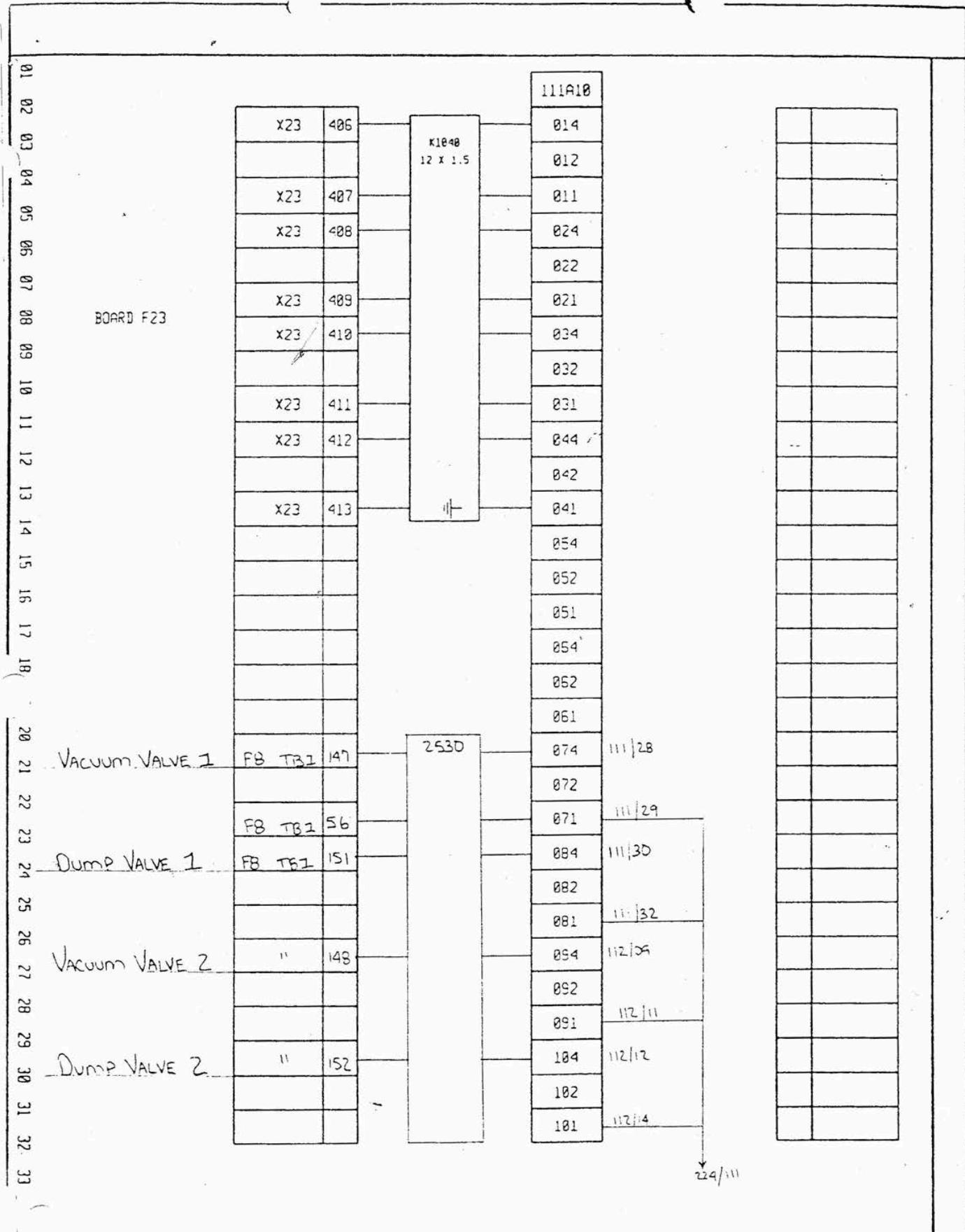
X23	394
X23	395
X23	396
X23	397
X23	398
X23	399
X23	400
X23	401
X23	402
X23	403
X23	404
X23	405

K1039  
19 x 1.5

109A10  
114  
112  
111  
124  
122  
121  
134  
132  
131  
144  
142  
141  
154  
152  
151  
164  
162  
161

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C		F			
B		E			
A		D			
CLIENT : E.P.C	TERMINAL BLOCK F12	DESSINE PAR J.P. VERIFIE PAR P.V.	N° KF023 9012E-05	FOLIO 222	
cellier		LE			
		LE			



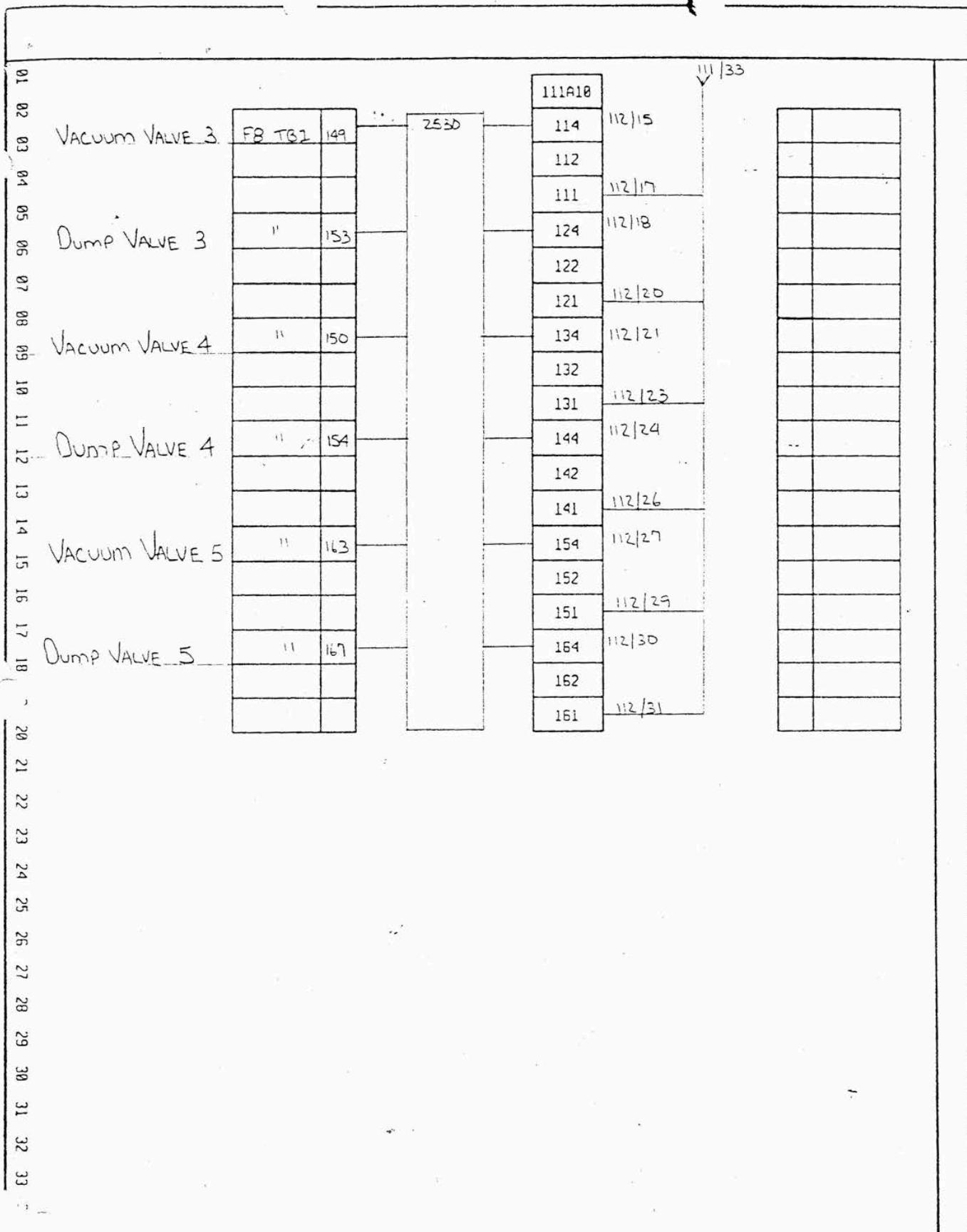
C  
B

TERMINAL BLOCK E12

DESSINE PAR D.P.  
VERIFIE PAR P.V.

—KF823

FOLIO  
223 ✓



J	K	L	M	N	O	P		
CLIENT : F.P.C.	TERMINAL BLOCK F12				DESSINE PAR VERIFIE PAR I.F.	D.P. P.V.	KF223	FOLIO 224

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34

TO CUSTOMER LSH1104-02

PCC	1
PCC	11
PCC	25
PCC	
PCC	31
PCC	21
PCC	20

TO CUSTOMER LSH1104-04

TO CUSTOMER LSL1123-01

TO CUSTOMER LSH1123-02

TO CUSTOMER LSL1124-01

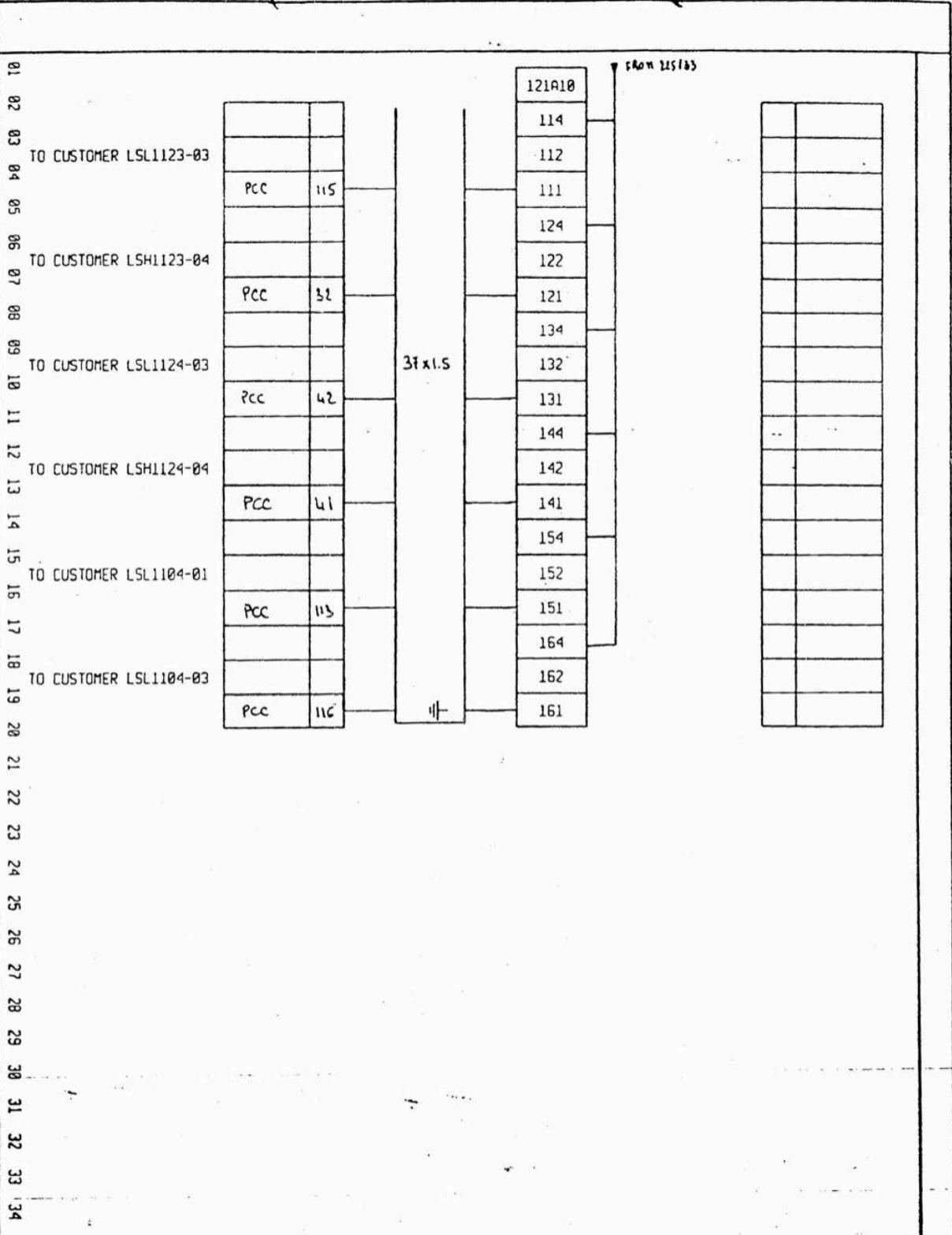
TO CUSTOMER LSH1124-02

27x15

121A10
014
012
011
024
022
021
034
032
031
044
042
041
054
052
051
064
062
061
074
072
071
084
082
081
094
092
091
104
102
101

TO 216/01

C B A	FINAL START UP 06/14/93 MCR	F E D
CLIENT : F.P.C	TERMINAL BLOCK F12	BESSEME PAR D.P. VERIFIE PAR P.V. LE _____ LE _____
cellier		N° KF023 9012E-05
		FOLIO 225



CLIENT : F.P.C	TERMINAL BLOCK F12	DESSINE PAR <u>D.P.</u> VERIFIE PAR <u>P.V.</u> LE <u>  </u>	N° <u>KF023</u> <u>9012E-05</u>	FOLIO <u>226</u>
cellier				

C	F			
B	E			
A	?			
CLIENT : F.P.C	TERMINAL BLOCK F12	DESSINE PAR D.P. VERIFIE PAR P.U. LE LE	N° KF023 9012E-05	FOLIO 227
<b>cellier</b>				

**LIST OF EQUIPMENT**

MARK	QUANTITY	REFERENCE	DESIGNATION	MANUFACTURER
101A10	1	92321672024	TERMINAL_BLOCK_16_RELAYS	LMI
103A10	1	92321672024	TERMINAL_BLOCK_16_RELAYS	LMI
105A10	1	92321672024	TERMINAL_BLOCK_16_RELAYS	LMI
107A10	1	92321672024	TERMINAL_BLOCK_16_RELAYS	LMI
109A10	1	92321672024	TERMINAL_BLOCK_16_RELAYS	LMI
10B24	1	TA2545070	TEMPERATURE SWITCH	JONSHON CONTROL
10E7	1	ZB2-BV3	LIGHT	TELEMECANIQUE
10E7	1	ZB2-BV01	LIGHT HEAD	TELEMECANIQUE
10M24	1	21345	FAN	SAREL
10M27	1	21345	FAN	SAREL
10Q5	1	3VE42_00-0CT00	CIRCUIT BREAKER 63A	SIEMENS
10Q7	1	5SX21053HG	CIRCUIT BREAKER CURVE G 0.5A	SIEMENS
10Q11	1	5SX21103HG	CIRCUIT BREAKER CURVE G 10A	SIEMENS
10Q14	1	5SX21103HG	CIRCUIT BREAKER CURVE G 10A	SIEMENS
10Q24	1	5SX21103HG	CIRCUIT BREAKER CURVE G 10A	SIEMENS
10Q31	1	5SX21023HG	CIRCUIT BREAKER CURVE G 2A	SIEMENS
111A10	1	92321672024	TERMINAL_BLOCK_16_RELAYS	LMI
11A2	1	F24_12A	SUPPLY 24Vdc	POWER_ONE
11Q7	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
11Q9	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
11Q12	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
11Q14	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
11Q17	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS

FOLIO	KF023	N°
	230	
FOLIO	F12	
	9012E-05	
LESSINE PAR	D.P.	
	P.V.	
VERIFIE PAR	LE	
	LE	
LIST OF EQUIPMENT		
CLIENT :	T.B.C.	
C	B	a

**cellier**

**LIST OF EQUIPMENT**

MARK	QUANTITY	REFERENCE	DESIGNATION	MANUFACTURER
11Q19	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
11Q22	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
11Q24	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
11Q27	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
11Q4.1	1	5SX21063HG	CIRCUIT BREAKER CURVE G 6A	SIEMENS
11Q4.2	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
121A10	1	92321672024	TERMINAL_BLOCK_16_RELAYS	LMI
123A10	1	92321672024	TERMINAL_BLOCK_16_RELAYS	LMI
125A10	1	92321672024	TERMINAL_BLOCK_16_RELAYS	LMI
127A10	1	92321672024	TERMINAL_BLOCK_16_RELAYS	LMI
12A5	1	HE24_7_2A	SUPPLY 24VDC	POWER_ONE
12Q9	1	5SX21053HG	CIRCUIT BREAKER CURVE G 0.5A	SIEMENS
12Q12	1	5SX21053HG	CIRCUIT BREAKER CURVE G 0.5A	SIEMENS
12Q14	1	5SX21053HG	CIRCUIT BREAKER CURVE G 0.5A	SIEMENS
12Q17	1	5SX21053HG	CIRCUIT BREAKER CURVE G 0.5A	SIEMENS
12Q19	1	5SX21053HG	CIRCUIT BREAKER CURVE G 0.5A	SIEMENS
12Q22	1	5SX21053HG	CIRCUIT BREAKER CURVE G 0.5A	SIEMENS
12Q24	1	5SX21053HG	CIRCUIT BREAKER CURVE G 0.5A	SIEMENS
12Q27	1	5SX21053HG	CIRCUIT BREAKER CURVE G 0.5A	SIEMENS
12Q29	1	5SX21053HG	CIRCUIT BREAKER CURVE G 0.5A	SIEMENS
12Q7.1	1	5SX21043HG	CIRCUIT BREAKER CURVE G 4A	SIEMENS
12Q7.2	1	5SX21053HG	CIRCUIT BREAKER CURVE G 0.5A	SIEMENS
130A4	1	MPR690	PRESSURE TRANSMITTER	DYNISCO

CLIENT : F.P.C	A	B	C	E
DESIGNER FILE	✓	✓	✓	✓
VERIFY FILE	✓	✓	✓	✓
LE	✓	✓	✓	✓
RE	✓	✓	✓	✓
DATE	98/12/05	98/12/05	98/12/05	98/12/05
REF.	N	F12	F12	F12
NO.	KF003	✓	✓	✓
FOLE	231	✓	✓	✓

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**LIST OF EQUIPMENT**

MARK	QUANTITY	REFERENCE	DESIGNATION	MANUFACTURER
130A11	1	SINEAX_V920-11	MEASURE CONVERTER	CAMILLE-BAUER
130A11	1	VS1001	MODULE 4-20 mA	CAMILLE-BAUER
130Q4	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
130Q13	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
131A4	1	MPR690	PRESSURE TRANSMITTER	DYNISCO
131A11	1	VS1001	MODULE 4-20 mA	CAMILLE-BAUER
131A11	1	SINEAX_V920-11	MEASURE CONVERTER	CAMILLE-BAUER
131Q4	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
131Q13	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
132A4	1	MPR690	PRESSURE TRANSMITTER	DYNISCO
132A11	1	VS1001	MODULE 4-20 mA	CAMILLE-BAUER
132A11	1	SINEAX_V920-11	MEASURE CONVERTER	CAMILLE-BAUER
132Q4	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
132Q13	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
133A4	1	MPR690	PRESSURE TRANSMITTER	DYNISCO
133A11	1	VS1001	MODULE 4-20 mA	CAMILLE-BAUER
133A11	1	SINEAX_V920-11	MEASURE CONVERTER	CAMILLE-BAUER
133Q4	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
133Q13	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
134A4	1	MPR690	PRESSURE TRANSMITTER	DYNISCO
134A11	1	SINEAX_V920-11	MEASURE CONVERTER	CAMILLE-BAUER
134A11	1	VS1001	MODULE 4-20 mA	CAMILLE-BAUER
134Q4	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS

CLIENT : F.P.C.	LIST OF EQUIPMENT	DESIGN: PGS VERIFIE: PAR	FOLIO N°
C	E	P.U. LE	KF023 F12 N 9812E-85
B	A	LE	232

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**LIST OF EQUIPMENT**

MARK	QUANTITY	REFERENCE	DESIGNATION	MANUFACTURER
134Q13	1	55X21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
135A4	1	MPR690	PRESSURE TRANSMITTER	DYNISCO
135A11	1	VS1001	MODULE 4-20 mA	CAMILLE-BAUER
135A11	1	SINEAX_V920-11	MEASURE CONVERTER	CAMILLE-BAUER
135Q4	1	55X21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
135Q13	1	55X21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
136A4	1	MPR690	PRESSURE TRANSMITTER	DYNISCO
136A11	1	VS1001	MODULE 4-20 mA	CAMILLE-BAUER
136A11	1	SINEAX_V920-11	MEASURE CONVERTER	CAMILLE-BAUER
136Q4	1	55X21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
136Q13	1	55X21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
137A4	1	MPR690	PRESSURE TRANSMITTER	DYNISCO
137A11	1	SINEAX_V920-11	MEASURE CONVERTER	CAMILLE-BAUER
137A11	1	VS1001	MODULE 4-20 mA	CAMILLE-BAUER
137Q4	1	55X21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
137Q13	1	55X21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
140A6	1	VS1245	MODULE 0-300 Deg.C TYPE J	CAMILLE-BAUER
140A6	1	SINEAX_V920-11	MEASURE CONVERTER	CAMILLE-BAUER
140Q6	1	55X21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
141A6	1	VS1245	MODULE 0-300 Deg.C TYPE J	CAMILLE-BAUER
141A6	1	SINEAX_V920-11	MEASURE CONVERTER	CAMILLE-BAUER
141Q6	1	55X21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
142A6	1	VS1245	MODULE 0-300 Deg.C TYPE J	CAMILLE-BAUER

FOLIO N° 233	KF623	J 2
	F12	P.0
LIST OF EQUIPMENT	VERIFIED	LE
	RECORDED	LE
CLIENT : F.P.C.	C	B
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**LIST OF EQUIPMENT**

MARK	QUANTITY	REFERENCE	DESIGNATION	MANUFACTURER
142A6	1	SINEAX_V920-11	MEASURE CONVERTER	CAMILLE-BAUER
142Q6	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
143A6	1	SINEAX_V920-11	MEASURE CONVERTER	CAMILLE-BAUER
143A6	1	VS1245	MODULE 0-300 Deg.C TYPE J	CAMILLE-BAUER
143Q6	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
144A6	1	SINEAX_V920-11	MEASURE CONVERTER	CAMILLE-BAUER
144A6	1	VS1245	MODULE 0-300 Deg.C TYPE J	CAMILLE-BAUER
144Q6	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
145A6	1	VS1245	MODULE 0-300 Deg.C TYPE J	CAMILLE-BAUER
145A6	1	SINEAX_V920-11	MEASURE CONVERTER	CAMILLE-BAUER
145Q6	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
146A6	1	VS1245	MODULE 0-300 Deg.C TYPE J	CAMILLE-BAUER
146A6	1	SINEAX_V920-11	MEASURE CONVERTER	CAMILLE-BAUER
146Q6	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
147A4	1	TRS112	WEIGHING_TRANSMITTER	PESAGE_PROMOTION
147Q4	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
14Q3	1	F24_12A	SUPPLY 24VDC	POWER_ONE
14Q4	1	5SX21023HG	CIRCUIT BREAKER CURVE G 2A	SIEMENS
14Q5	1	5SX21063HG	CIRCUIT BREAKER CURVE G 6A	SIEMENS
14Q11	1	5SX21033HG	CIRCUIT BREAKER CURVE G 3A	SIEMENS
14Q16	1	5SX21053HG	CIRCUIT BREAKER CURVE G 0.5A	SIEMENS
14Q21	1	5SX21053HG	CIRCUIT BREAKER CURVE G 0.5A	SIEMENS
14Q25	1	5SX21053HG	CIRCUIT BREAKER CURVE G 0.5A	SIEMENS

CLIENT : F.D.C	DATE : 28/08/91
A. MOUSSE	B.
C.	D.
CELLIER	
KF023 F12 S812E-65	N° 234
F.P. P.U.	F.P. P.U.
MESSIE PER VERIFIÉ PER	MESSIE PER VERIFIÉ PER
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**LIST OF EQUIPMENT**

MARK	QUANTITY	REFERENCE	DESIGNATION	MANUFACTURER
14Q29	1	55X21053HG	CIRCUIT BREAKER CURVE G 0.5A	SIEMENS
14Q33	1	55X21053HG	CIRCUIT BREAKER CURVE G 0.5A	SIEMENS
15Q11	1	55X21033HG	CIRCUIT BREAKER CURVE G 3A	SIEMENS
15Q28	1	55X21253HG	CIRCUIT BREAKER CURVE G 25A	SIEMENS
16Q13	1	55X21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
16Q15	1	55X21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
16Q18	1	55X21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
16Q20	1	55X21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
17Q11	1	55X21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
17Q18	1	55X21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
17Q24	1	55X21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
17Q30	1	55X21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
18Q4	1	55X21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
18Q8	1	55X21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
18Q12	1	55X21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
18Q16	1	55X21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
18Q21	1	55X21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
18Q25	1	55X21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
18Q29	1	55X21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
18Q33	1	55X21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
19Q6	1	55X21063HG	CIRCUIT BREAKER CURVE G 6A	SIEMENS
20KA19	1	LA4-DA1U	RC FILTER	
20KA19	1	LA1-DN40	CONTACT BLOCK	TELEMECANIQUE

CLIENT : F. P. C.	LIST OF EQUIPMENT
C	B
Folio	235
KF822	N
F12	LE
9812E-85	
VERIFIED	LE
ISSUED	LE
P.U.	
DATE	

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**LIST OF EQUIPMENT**

MARK	QUANTITY	REFERENCE	DESIGNATION	MANUFACTURER
20KA19	1	CA2-DN40-P7	AUXILIARY CONTACTOR	TELEMECANIQUE
20KA22	1	CA2-DN40-F7	AUXILIARY CONTACTOR	TELEMECANIQUE
20KA22	1	LA1-DN22	CONTACT BLOCK	TELEMECANIQUE
20KA22	1	LA4-DA1U	RC FILTER	TELEMECANIQUE
20Q3	1	5SX21023HG	CIRCUIT BREAKER CURVE G 2A	SIEMENS
23KA9	1	LA4-DA1U	RC FILTER	TELEMECANIQUE
23KA9	1	CA2-DN40-F7	AUXILIARY CONTACTOR	TELEMECANIQUE
23KA20	1	CA2-DN40-F7	AUXILIARY CONTACTOR	TELEMECANIQUE
23KA20	1	LA4-DA1U	RC FILTER	TELEMECANIQUE
23Q3	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
23Q7	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
23Q9	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
23Q20	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
24Q4	1	5SX21043HG	CIRCUIT BREAKER CURVE G 4A	SIEMENS
24Q9	1	5SX21043HG	CIRCUIT BREAKER CURVE G 4A	SIEMENS
24Q13	1	5SX21043HG	CIRCUIT BREAKER CURVE G 4A	SIEMENS
24Q18	1	5SX21043HG	CIRCUIT BREAKER CURVE G 4A	SIEMENS
24Q22	1	5SX21043HG	CIRCUIT BREAKER CURVE G 4A	SIEMENS
99A10	1	92321672024	TERMINAL_BLOCK_16_RELAYS	LMI
99A10	1	92321672024	TERMINAL_BLOCK_16_RELAYS	LMI

CLIENT : E.P.C	C	B	a	b	c	d	FOLIO 236
							KF823 F12 9812E-05
LIST OF EQUIPMENT						D.P. P.V.	
						DESSIN PAR VERIFIE PAR	
						LE LE	

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FROM RACK 2 / SLOT 11  
0A7\_8~0A7\_F CH8-CH15 /126

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125A10

12 14 11 22 24 21 32 34 31 42 44 41 52 54 51 62 64 61 72 74 71 82 84 81 92 94 91 102 104 101 112 114 111 122 124 121 132 134 131 142 144 141 152 154 151 162 164 161  
X12, 978 980 982 984 986 1170 1172 992 994 996 998 1000 1002 1004 1006 1008

X12, 1040 1038 1036 1034 1032 1030 1028 1026 1024 1022 1020 1018 1016 1014 1012 1010  
161 164 162 151 154 152 141 144 142 131 134 132 121 124 122 111 114 112 101 104 102 91 94 92 81 84 82 71 74 72 61 64 62 51 54 52 41 44 42 31 34 32 21 24 22 11 14 12

127A10

16 15 14 13 12 11 10 9  
34 33 32 31 30 29 28 27

8 7 6 5 4 3 2 1  
26 25 24 23 22 21 20 19

FROM RACK 2 / SLOT 11  
0B7\_7~0B7\_F CH8-CH15 /128

FROM RACK 2 / SLOT 11  
0B7\_0~0B7\_7 CH0-CH7 /127

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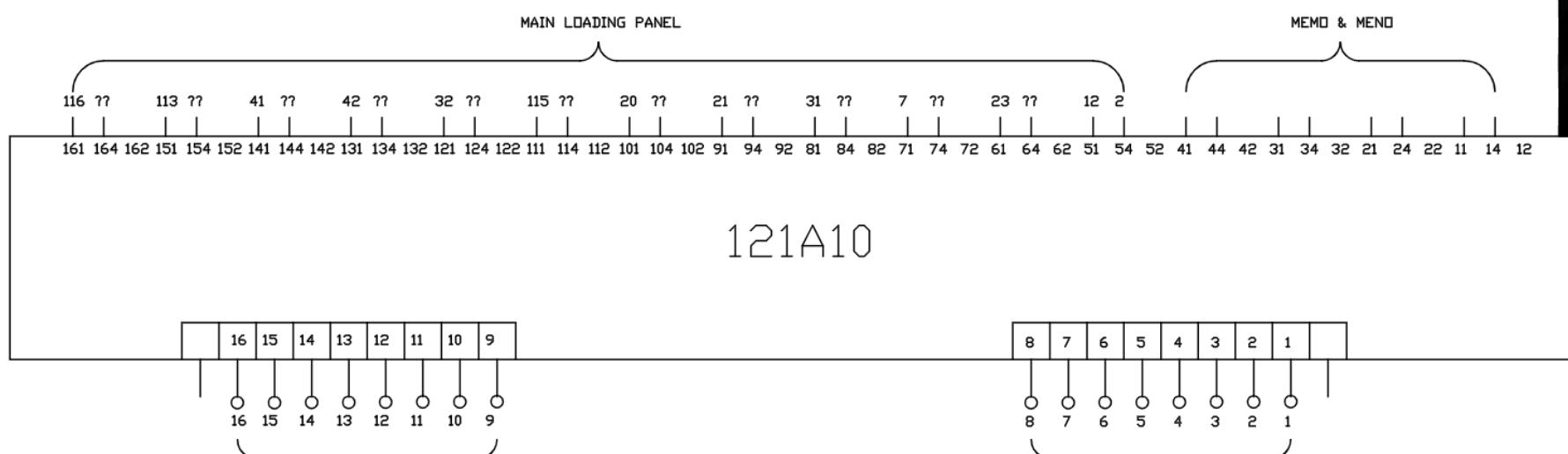
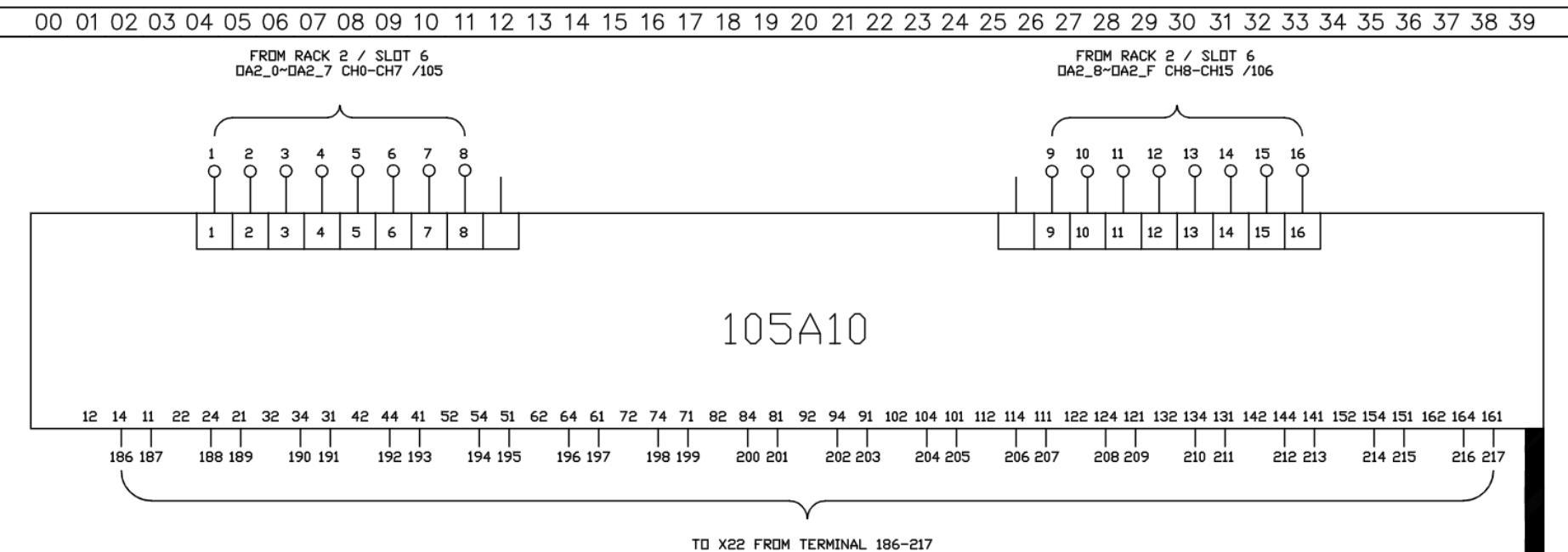
INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line1 DOOR 4 RELAY

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					F12	Total		
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REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	SCALE	NONE	UNIT	MM

DRAWN BY Charlie Zhang

CHECKED BY JERRY WU



FROM RACK 2 / SLOT 10  
DA6\_8~DA6\_F CH8-CH15 /122

FROM RACK 2 / SLOT 10  
DA2\_0~DA2\_7 CH0-CH7 /121

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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

DRAWN BY Rufus Huang

CHECKED BY	JERRY WU
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Line1 DOOR 5 RELAY

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							Total			
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REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:			SCALE	NONE	UNIT	MM

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FROM RACK 2 / SLOT 5  
DB1\_0~DB1\_7 CH16-CH23 /103

FROM RACK 2 / SLOT 5  
DB1\_8~DB1\_F CH24-CH31 /104

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103A10

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X21 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263

TO X21 FROM TERMINAL 232~263

TO X8

167 163 154 150 153 149 152 148 151 56 147  
161 164 162 151 154 152 141 144 142 131 134 132 121 124 122 111 114 112 101 104 102 91 94 92 81 84 82 71 74 72 61 64 62 51 54 52 41 44 42 31 34 32 21 24 22 11 14 12

TO X13 FROM  
TERMINAL 901~904

TO X23 FROM TERMINAL 406~413

111A10

16 15 14 13 12 11 10 9

8 7 6 5 4 3 2 1

FROM RACK 2 / SLOT 7  
DB3\_8~DB3\_F CH24-CH31 /112

FROM RACK 2 / SLOT 7  
DB3\_0~DB3\_7 CH16-CH23 /111

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 INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line1 DOOR 5 RELAY

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239

Total

DRAWN BY Rufus Huang

CHECKED BY JERRY WU

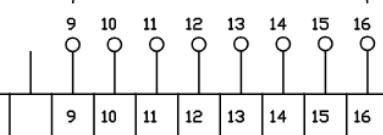
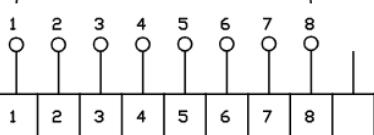
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101A10

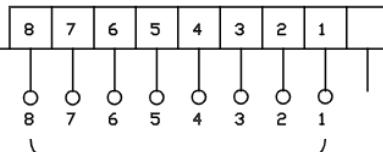
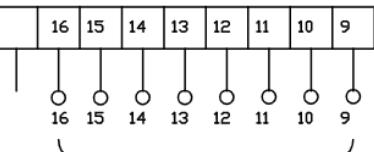
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TO X21 FROM TERMINAL 200~231

TO X23 FROM TERMINAL 374~405

405 404 403 402 401 400 399 398 397 396 395 394 393 392 391 390 389 388 387 386 385 384 383 382 381 380 379 378 377 376 375 374  
161 164 162 151 154 152 141 144 142 131 134 132 121 124 122 111 114 112 101 104 102 91 94 92 81 84 82 71 74 72 61 64 62 51 54 52 41 44 42 31 34 32 21 24 22 11 14 12

109A10



FROM RACK 2 / SLOT 7  
DA3\_8~DA3\_F CH8-CH15 /109

FROM RACK 2 / SLOT 7  
DA3\_0~DA3\_7 CH0-CH7 /109

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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line1 DOOR 5 RELAY

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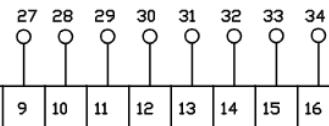
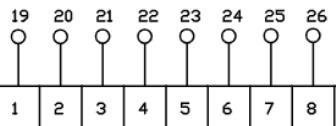
DRAWN BY Rufus Huang

CHECKED BY JERRY WU

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FROM RACK 2 / SLOT 4  
DB0\_0~DB0\_7 CH16-CH23 /99

FROM RACK 2 / SLOT 4  
DB0\_8~DB0\_F CH24-CH31 /100



99A10

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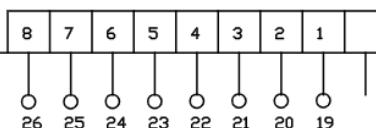
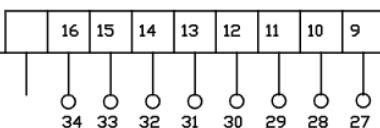
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TO X22 FROM TERMINAL 218 ~ 249

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107A10



FROM RACK 2 / SLOT 6  
DB2\_8~DB2\_F CH24-CH31 /108

FROM RACK 2 / SLOT 6  
DB2\_8~DB2\_7 CH16-CH23 /107

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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

Line1 DOOR 5 RELAY

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F12

Page #  
241  
Total

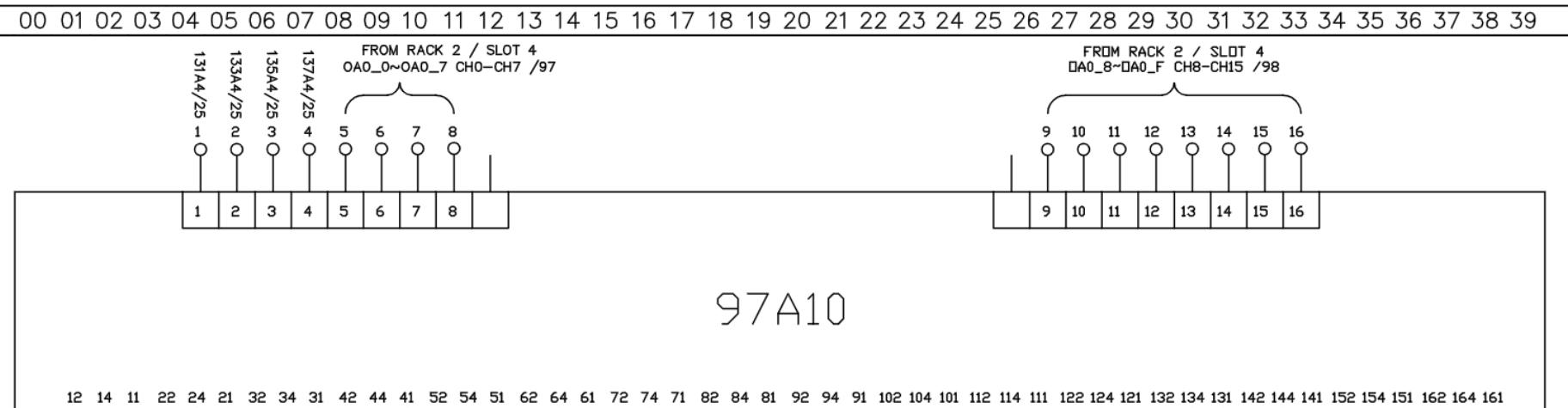
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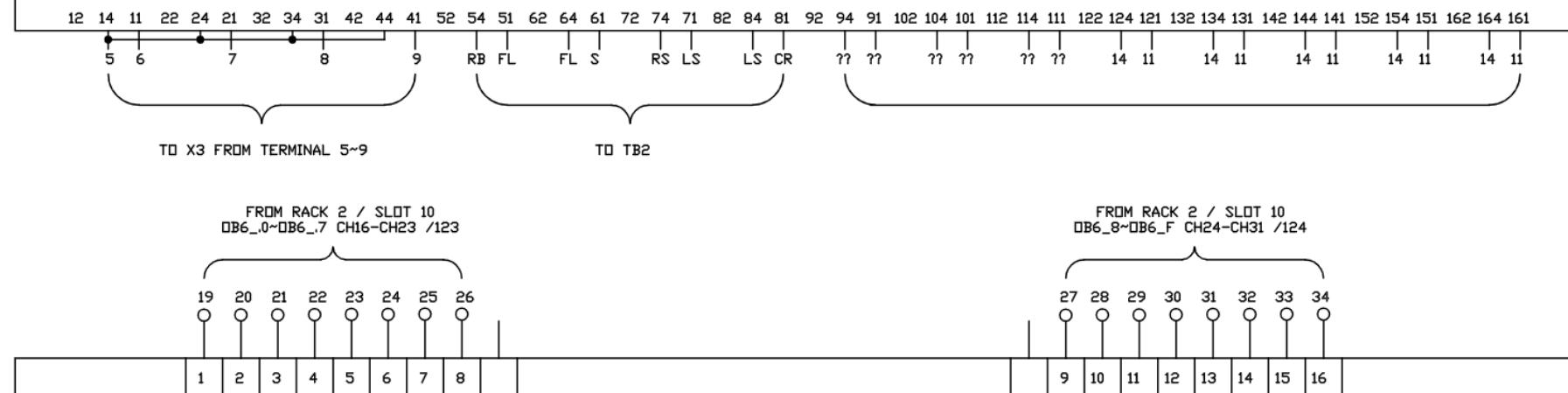
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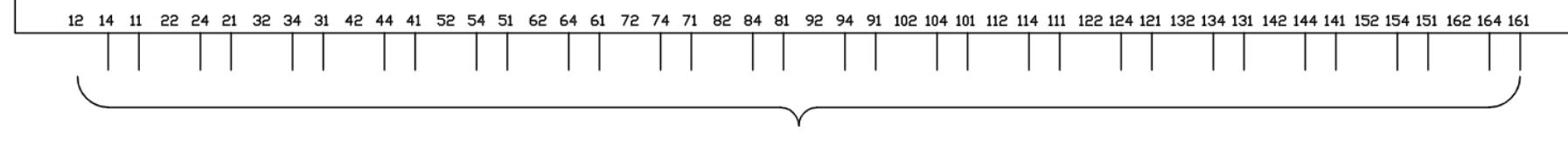
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97A10



123A10



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 INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.	Line1 DOOR 5 RELAY																											DRAWING DESCRIPTION	KF023 F12	Page #	242								
DRAWN BY	Rufus Huang																											Total											
CHECKED BY	JERRY WU																											MATERIAL											
REV. NO	REV. DESCRIPTION		REV. BY:	REV. DATE	DRAWN DATE:																					SCALE	NONE	UNIT	MM										

WIRING LIST OF F12 AB PLC UPGRADE											
Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark		
			Location	TS#	Term #	Location	TS#	Term #			
ROS2	BLK	MAINT EXT. ZONE 1	F12 / DOOR 1	X12	180	DOOR 2 / R0	SLOT 2	1	P32-33, CH. 0		
"	RD	"	"	"	182	"	"	3	"		
"	ORG	"	"	"	183	"	"	5	"		
"	WHT	MAINT EXT. ZONE 2	F12 / DOOR 1	X12	184	DOOR 2 / R0	"	2	P32-33, CH. 1		
"	GRN	"	"	"	186	"	"	4	"		
"	BLU	"	"	"	187	"	"	6	"		
"	WHT/BLK	MAINT EXT. ZONE 3	F12 / DOOR 1	X12	188	DOOR 2 / R0	"	7	P32-33, CH. 2		
"	GRN/BLK	"	"	"	190	"	"	9	"		
"	BLU/BLK	"	"	"	191	"	"	11	"		
"	RD/BLK	MAINT EXT. ZONE 4	F12 / DOOR 1	X12	192	DOOR 2 / R0	"	8	P32-33, CH. 3		
"	ORG/BLK	"	"	"	194	"	"	10	"		
"	BLK/WHT	"	"	"	195	"	"	12	"		
"	BLU/WHT	MAINT EXT. ZONE	F12 / DOOR 1	X12	196	DOOR 2 / R0	"	15	P32-33, CH. 4		
"	WHT/RD	"	"	"	198	"	"	17	"		
"	BLU/RD	"	"	"	199	"	"	19	"		
"	BLK/RD	FILTER HEATER 1	F12 / DOOR 1	X12	200	DOOR 2 / R0	"	16	P32-33, CH. 5		
"	ORG/RD	"	"	"	202	"	"	18	"		
"	RD/GRN	"	"	"	203	"	"	20	"		
ROS3	BLK	FILTER HEATER 3	F12 / DOOR 1	X12	204	DOOR 2 / R0	SLOT 3	1	P33-34, CH. 0		
"	RD	"	"	"	206	"	"	3	"		
"	ORG	"	"	"	207	"	"	5	"		
"	WHT	FILTER HEATER 2	F12 / DOOR 1	X12	208	DOOR 2 / R0	"	2	P33-34, CH. 1		
"	GRN	"	"	"	210	"	"	4	"		
"	BLU	"	"	"	211	"	"	6	"		
"	WHT/BLK	FIRST MELT LINE 1	F12 / DOOR 1	X12	212	DOOR 2 / R0	"	7	P33-34, CH. 2		
"	GRN/BLK	"	"	"	214	"	"	9	"		
"	BLU/BLK	"	"	"	215	"	"	11	"		
"	RD/BLK	FIRST MELT LINE 2	F12 / DOOR 1	X12	216	DOOR 2 / R0	"	8	P33-34, CH. 3		
"	ORG/BLK	"	"	"	218	"	"	10	"		
"	BLK/WHT	"	"	"	219	"	"	12	"		
"	BLU/WHT	FIRST MELT LINE 3	F12 / DOOR 1	X12	220	DOOR 2 / R0	"	15	P33-34, CH. 4		
"	WHT/RD	"	"	"	222	"	"	17	"		
"	BLU/RD	"	"	"	223	"	"	19	"		
"	BLK/RD	FIRST MELT LINE 4	F12 / DOOR 1	X12	224	DOOR 2 / R0	"	16	P33-34, CH. 5		
"	ORG/RD	"	"	"	226	"	"	18	"		
"	RD/GRN	"	"	"	227	"	"	20	"		

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DRAWN BY	Rufus Huang	WIRING LIST OF F12 AB PLC UPGRADE				DRAWING DESCRIPTION	RACK 0 SLOT 2	RACK 0 SLOT 3	Page #	243
			1	Add Terminal Number	Charlie Z.		09/28/18	DRAWING NO.	Total	
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:		MATERIAL	
								SCALE	NONE	UNIT
								MM		

Wiring List for F12 AB PLC Upgrade									
Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark
			Location	TS#	Term #	Location	TS#	Term #	
ROS4	BLK	SEC. EXT. ZONE 1	F12 / DOOR 1	X12	228	DOOR 2 / R0	SLOT 4	1	P35-36, CH. 0
"	RD	"	"	"	230	"	"	3	"
"	ORG	"	"	"	231	"	"	5	"
"	WHT	SEC. EXT. ZONE 2	F12 / DOOR 1	X12	232	DOOR 2 / R0	"	2	P35-36, CH. 1
"	GRN	"	"	"	234	"	"	4	"
"	BLU	"	"	"	235	"	"	6	"
"	WHT/BLK	SEC. EXT. ZONE 3	F12 / DOOR 1	X12	236	DOOR 2 / R0	"	7	P35-36, CH. 2
"	GRN/BLK	"	"	"	238	"	"	9	"
"	BLU/BLK	"	"	"	239	"	"	11	"
"	RD/BLK	SEC. EXT. ZONE 4	F12 / DOOR 1	X12	240	DOOR 2 / R0	"	8	P35-36, CH. 3
"	ORG/BLK	"	"	"	242	"	"	10	"
"	BLK/WHT	"	"	"	243	"	"	12	"
"	BLU/WHT	FILTER ADAPTOR	F12 / DOOR 1	X12	244	DOOR 2 / R0	"	15	P35-36, CH. 4
"	WHT/RD	"	"	"	246	"	"	17	"
"	BLU/RD	"	"	"	247	"	"	19	"
"	BLK/RD	FILTER HEATER 1	F12 / DOOR 1	X12	248	DOOR 2 / R0	"	16	P35-36, CH. 5
"	ORG/RD	"	"	"	250	"	"	18	"
"	RD/GRN	"	"	"	251	"	"	20	"
ROSS5	BLK	FILTER HEATER 2	F12 / DOOR 1	X12	252	DOOR 2 / R0	SLOT 5	1	P36-37, CH. 0
"	RD	"	"	"	254	"	"	3	"
"	ORG	"	"	"	255	"	"	5	"
"	WHT	FILTER HEATER 3	F12 / DOOR 1	X12	256	DOOR 2 / R0	"	2	P36-37, CH. 1
"	GRN	"	"	"	258	"	"	4	"
"	BLU	"	"	"	259	"	"	6	"
"	WHT/BLK	STATIC MIXER HEATER	F12 / DOOR 1	X12	260	DOOR 2 / R0	"	7	P36-37, CH. 2
"	GRN/BLK	"	"	"	262	"	"	9	"
"	BLU/BLK	"	"	"	263	"	"	11	"
"	RD/BLK	STATIC MIXER CONNECTIONS	F12 / DOOR 1	X12	264	DOOR 2 / R0	"	8	P36-37, CH. 3
"	ORG/BLK	"	"	"	266	"	"	10	"
"	BLK/WHT	"	"	"	267	"	"	12	"
"	BLU/WHT	HEATING OF DIVERTER	F12 / DOOR 1	X12	268	DOOR 2 / R0	"	15	P36-37, CH. 4
"	WHT/RD	"	"	"	270	"	"	17	"
"	BLU/RD	"	"	"	271	"	"	19	"
"	BLK/RD	DIE ZONE 1	F12 / DOOR 1	X12	272	DOOR 2 / R0	"	16	P36-37, CH. 5
"	ORG/RD	"	"	"	274	"	"	18	"
"	RD/GRN	"	"	"	275	"	"	20	"

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DRAWN BY	Rufus Huang	WIRING LIST OF F12 AB PLC UPGRADE				DRAWING DESCRIPTION	RACK 0 SLOT 4	Page #	244		
							RACK 0 SLOT 5		Total		
CHECKED BY	JERRY WU		1	Add Terminal Number	Charlie Z.	09/28/18	DRAWING NO.		MATERIAL		
			REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	SCALE	NONE	UNIT	MM

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark		
			Location	TS#	Term #	Location	TS#	Term #			
ROS6	BLK	FREE	F12 / DOOR 1	X12	276	DOOR 2 / R0	SLOT 6	1	P38-40, CH. 0		
"	RD	"	"	"	278●	"	"	3	"		
"	ORG	"	"	"	279●	"	"	5	"		
"	WHT	FREE	F12 / DOOR 1	X12	280	DOOR 2 / R0	"	2	P38-40, CH. 1		
"	GRN	"	"	"	282●	"	"	4	"		
"	BLU	"	"	"	283●	"	"	6	"		
"	WHT/BLK	FREE	F12 / DOOR 1	X12	284	DOOR 2 / R0	"	7	P38-40, CH. 2		
"	GRN/BLK	"	"	"	286●	"	"	9	"		
"	BLU/BLK	"	"	"	287●	"	"	11	"		
"	RD/BLK	FREE	F12 / DOOR 1	X12	288	DOOR 2 / R0	"	8	P38-40, CH. 3		
"	ORG/BLK	"	"	"	290●	"	"	10	"		
"	BLK/WHT	"	"	"	291●	"	"	12	"		
"	BLU/WHT	DIE ZONE 6	F12 / DOOR 1	X12	292	DOOR 2 / R0	"	15	P38-40, CH. 4		
"	WHT/RD	"	"	"	294●	"	"	17	"		
"	BLU/RD	"	"	"	295●	"	"	19	"		
"	BLK/RD	DIE ZONE 7	F12 / DOOR 1	X12	296	DOOR 2 / R0	"	16	P38-40, CH. 5		
"	ORG/RD	"	"	"	298●	"	"	18	"		
"	RD/GRN	"	"	"	299●	"	"	20	"		
ROS7	BLK	SECOND. MELT LINE-1 PART.	F12 / DOOR 1	X12	300	DOOR 2 / R0	SLOT 7	1	P40-41, CH. 0		
"	RD	"	"	"	302●	"	"	3	"		
"	ORG	"	"	"	303●	"	"	5	"		
"	WHT	SECOND. MELT LINE-2 PART.	F12 / DOOR 1	X12	304	DOOR 2 / R0	"	2	P40-41, CH. 1		
"	GRN	"	"	"	306●	"	"	4	"		
"	BLU	"	"	"	307●	"	"	6	"		
"	WHT/BLK	DIE ZONE 2	F12 / DOOR 1	X12	308	DOOR 2 / R0	"	7	P40-41, CH. 2		
"	GRN/BLK	"	"	"	310●	"	"	9	"		
"	BLU/BLK	"	"	"	311●	"	"	11	"		
"	RD/BLK	DIE ZONE 3	F12 / DOOR 1	X12	312	DOOR 2 / R0	"	8	P40-41, CH. 3		
"	ORG/BLK	"	"	"	314●	"	"	10	"		
"	BLK/WHT	"	"	"	315●	"	"	12	"		
"	BLU/WHT	DIE ZONE 4	F12 / DOOR 1	X12	316	DOOR 2 / R0	"	15	P40-41, CH. 4		
"	WHT/RD	"	"	"	318●	"	"	17	"		
"	BLU/RD	"	"	"	319●	"	"	19	"		
"	BLK/RD	DIE ZONE 5	F12 / DOOR 1	X12	320	DOOR 2 / R0	"	16	P40-41, CH. 5		
"	ORG/RD	"	"	"	322●	"	"	18	"		
"	RD/GRN	"	"	"	323●	"	"	20	"		

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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DRAWN BY	Rufus Huang	WIRING LIST OF F12 AB PLC UPGRADE	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	DRAWING DESCRIPTION	RACK 0 SLOT 6	Page #	245
								RACK 0 SLOT 7	Total		
CHECKED BY	JERRY WU							MATERIAL			
								SCALE	NONE	UNIT	MM

WIRING LIST OF F12 AB PLC UPGRADE											WIRING LIST OF F12 AB PLC UPGRADE											
Cable Number			Wire Color			Wire Description			Cable Termination (From)			Cable Termination (To)			Remark							
									Location	TS#	Term #				Location	TS#	Term #					
ROS8	BLK	SAT. EXT. ZONE 1	F12 / DOOR 1	X12	324	DOOR 2 / RO	SLOT 8	1	P42-43, CH. 0													
"	RD	"	"	"	326●	"	"	3	"													
"	ORG	"	"	"	327●	"	"	5	"													
"	WHT	SAT. EXT. ZONE 2	F12 / DOOR 1	X12	328	DOOR 2 / RO	"	2	P42-43, CH. 1													
"	GRN	"	"	"	330●	"	"	4	"													
"	BLU	"	"	"	331●	"	"	6	"													
"	WHT/BLK	SAT. EXT. ZONE 3	F12 / DOOR 1	X12	332	DOOR 2 / RO	"	7	P42-43, CH. 2													
"	GRN/BLK	"	"	"	334●	"	"	9	"													
"	BLU/BLK	"	"	"	335●	"	"	11	"													
"	RD/BLK	SAT. EXT. ZONE 4	F12 / DOOR 1	X12	336	DOOR 2 / RO	"	8	P42-43, CH. 3													
"	ORG/BLK	"	"	"	338●	"	"	10	"													
"	BLK/WHT	"	"	"	339●	"	"	12	"													
"	BLU/WHT	SAT. EXT. ZONE 5	F12 / DOOR 1	X12	340	DOOR 2 / RO	"	15	P42-43, CH. 4													
"	WHT/RD	"	"	"	342●	"	"	17	"													
"	BLU/RD	"	"	"	343●	"	"	19	"													
"	BLK/RD	SAT. EXT. ZONE 6	F12 / DOOR 1	X12	344	DOOR 2 / RO	"	16	P42-43, CH. 5													
"	ORG/RD	"	"	"	346●	"	"	18	"													
"	RD/GRN	"	"	"	347●	"	"	20	"													
ROS9	BLK	SAT. EXT. ZONE 7	F12 / DOOR 1	X12	348	DOOR 2 / RO	SLOT 9	1	P43-44, CH. 0													
"	RD	"	"	"	350●	"	"	3	"													
"	ORG	"	"	"	351●	"	"	5	"													
"	WHT	SAT. EXT. 1 ADAPT	F12 / DOOR 1	X12	352	DOOR 2 / RO	"	2	P43-44, CH. 1													
"	GRN	"	"	"	354●	"	"	4	"													
"	BLU	"	"	"	355●	"	"	6	"													
"	WHT/BLK	SAT. EXT. 1 FILTER	F12 / DOOR 1	X12	356	DOOR 2 / RO	"	7	P43-44, CH. 2													
"	GRN/BLK	"	"	"	358●	"	"	9	"													
"	BLU/BLK	"	"	"	359●	"	"	11	"													
"	RD/BLK	SAT. EXT. MELTLINE	F12 / DOOR 1	X12	360	DOOR 2 / RO	"	8	P43-44, CH. 3													
"	ORG/BLK	"	"	"	362●	"	"	10	"													
"	BLK/WHT	"	"	"	363●	"	"	12	"													
"	BLU/WHT	FREE	F12 / DOOR 1	X12	364	DOOR 2 / RO	"	15	P43-44, CH. 4													
"	WHT/RD	"	"	"	366●	"	"	17	"													
"	BLU/RD	"	"	"	367●	"	"	19	"													
"	BLK/RD	FREE	F12 / DOOR 1	X12	368	DOOR 2 / RO	"	16	P43-44, CH. 5													
"	ORG/RD	"	"	"	370●	"	"	18	"													
"	RD/GRN	"	"	"	371●	"	"	20	"													

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DRAWN BY	Rufus Huang	WIRING LIST OF F12 AB PLC UPGRADE			1	Add Terminal Number	Charlie Z.	09/28/18	DRAWING NO.	RACK 0 SLOT 8	Page #			
										REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:
CHECKED BY	JERRY WU									SCALE	NONE	UNIT	MM	

WIRING LIST OF F12 AB PLC UPGRADE											DRAWING DESCRIPTION	RACK 1 SLOT 10	Page #
Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark				
			Location	TS#	Term #	Location	TS#	Term #					
ROS10	BLK	SAT. EXT. 2 ZONE 1	F12 / DOOR 1	X12	372	DOOR 2 / R0	SLOT 10	1	P45-46, CH. 0				
"	RD	"	"	"	374	"	"	3	"				
"	ORG	"	"	"	375	"	"	5	"				
"	WHT	SAT. EXT. 2 ZONE 2	F12 / DOOR 1	X12	376	DOOR 2 / R0	"	2	P45-46, CH. 1				
"	GRN	"	"	"	378	"	"	4	"				
"	BLU	"	"	"	379	"	"	6	"				
"	WHT/BLK	SAT. EXT. 2 ZONE 3	F12 / DOOR 1	X12	380	DOOR 2 / R0	"	7	P45-46, CH. 2				
"	GRN/BLK	"	"	"	382	"	"	9	"				
"	BLU/BLK	"	"	"	383	"	"	11	"				
"	RD/BLK	SAT. EXT. 2 ZONE 4	F12 / DOOR 1	X12	384	DOOR 2 / R0	"	8	P45-46, CH. 3				
"	ORG/BLK	"	"	"	386	"	"	10	"				
"	BLK/WHT	"	"	"	387	"	"	12	"				
"	BLU/WHT	SAT. EXT. 2 ZONE 5	F12 / DOOR 1	X12	388	DOOR 2 / R0	"	15	P45-46, CH. 4				
"	WHT/RD	"	"	"	390	"	"	17	"				
"	BLU/RD	"	"	"	391	"	"	19	"				
"	BLK/RD	SAT. EXT. 2 ZONE 6	F12 / DOOR 1	X12	392	DOOR 2 / R0	"	16	P45-46, CH. 5				
"	ORG/RD	"	"	"	394	"	"	18	"				
"	RD/GRN	"	"	"	395	"	"	20	"				
ROS11	BLK	SAT. EXT. 2 ZONE 7	F12 / DOOR 1	X12	396	DOOR 2 / R0	SLOT 11	1	P46-47, CH. 0				
"	RD	"	"	"	398	"	"	3	"				
"	ORG	"	"	"	399	"	"	5	"				
"	WHT	SAT. EXT. 2 ADAPT.	F12 / DOOR 1	X12	400	DOOR 2 / R0	"	2	P46-47, CH. 1				
"	GRN	"	"	"	402	"	"	4	"				
"	BLU	"	"	"	403	"	"	6	"				
"	WHT/BLK	SAT. EXT. 2 FILTER	F12 / DOOR 1	X12	404	DOOR 2 / R0	"	7	P46-47, CH. 2				
"	GRN/BLK	"	"	"	406	"	"	9	"				
"	BLU/BLK	"	"	"	407	"	"	11	"				
"	RD/BLK	SAT.EXT.2 MELTLINE	F12 / DOOR 1	X12	408	DOOR 2 / R0	"	8	P46-47, CH. 3				
"	ORG/BLK	"	"	"	410	"	"	10	"				
"	BLK/WHT	"	"	"	411	"	"	12	"				
"	BLU/WHT	FREE	F12 / DOOR 1	X12	412	DOOR 2 / R0	"	15	P46-47, CH. 4				
"	WHT/RD	"	"	"	414	"	"	17	"				
"	BLU/RD	"	"	"	415	"	"	19	"				
"	BLK/RD	FREE	F12 / DOOR 1	X12	416	DOOR 2 / R0	"	16	P46-47, CH. 5				
"	ORG/RD	"	"	"	418	"	"	18	"				
"	RD/GRN	"	"	"	419	"	"	20	"				

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DRAWN BY	Rufus Huang	WIRING LIST OF F12 AB PLC UPGRADE	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	Page #					
								DRAWING DESCRIPTION	RACK 1 SLOT 10	Total	MATERIAL		
CHECKED BY	JERRY WU							REV. NO	REV. DESCRIPTION	SCALE	NONE	UNIT	MM

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark
			Location	TS#	Term #	Location	TS#	Term #	
R1S1	WHT	MELT TEMP. AFTER PRIMARY EXT.	F12 / DOOR 4	140A6	7	DOOR 2 / R1	SLOT 1	2	P57, CH. 0
"	BLK	"	"	"	8	"	"	1	"
"	GRN	"	"	"	8	"	"	4	"
"	BLU	MELT PRESS. AFTER PRIMARY EXT.	F12 / DOOR 4	130A4	8	DOOR 2 / R1	"	6	P57, CH. 1
"	ORG	"	"	130A11	5	"	"	5	"
"	RD/BLK	"	"	"	5	"	"	8	"
"	BLK/WHT	MELT PRESS BEFORE SEC. EXT.	F12 / DOOR 4	131A4	8	DOOR 2 / R1	"	12	P57, CH. 2
"	BLU/BLK	"	"	131A11	5	"	"	11	"
"	GRN/WHT	"	"	"	5	"	"	14	"
"	BLK/RD	MELT TEMP AFTER SEC. EXT.	F12 / DOOR 4	141A6	7	DOOR 2 / R1	"	16	P57, CH. 3
"	BLU/WHT	"	"	"	8	"	"	15	"
"	ORG/RD	"	"	"	8	"	"	18	"
"	RD/GRN	MELT PRESS. AFTER SEC. EXT.	F12 / DOOR 4	132A4	8	DOOR 2 / R1	"	20	P58, CH. 4
"	BLU/RD	"	"	132A11	5	"	"	19	"
"	BLK/WHT/RD	"	"	"	5	"	"	22	"
"	RD/BLK/WHT	MELT TEMP. BEFORE DIE	F12 / DOOR 4	142A6	7	DOOR 2 / R1	"	24	P58, CH. 5
"	WHT/BLK/RD	"	"	"	8	"	"	23	"
"	ORG/BLK/WHT	"	"	"	8	"	"	26	"
"	RD/BLK/GRN	MELT PRESS. BEFORE DIE	F12 / DOOR 4	133A4	8	DOOR 2 / R1	"	30	P58, CH. 6
"	WHT/RD/GRN	"	"	133A11	5	"	"	29	"
"	ORG/BLK/GRN	"	"	"	5	"	"	32	"
"	BLK/WHT/ORG	WEIGHING OF DOSEING HOPPER	F12 / DOOR 4	147A6	39	DOOR 2 / R1	"	34	P58, CH. 7
"	BLU/WHT/ORG	"	"	"	310	"	"	33	"
"	ORG/WHT/BLU	"	"	"	310	"	"	36	"

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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 INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.	WIRING LIST OF F12 AB PLC UPGRADE					DRAWING DESCRIPTION	RACK 1 SLOT 1	Page #	248					
								Total						
DRAWN BY	Rufus Huang													
CHECKED BY	JERRY WU					REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	SCALE	NONE	UNIT	MM

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark	
			Location	TS#	Term #	Location	TS#	Term #		
R1S2	WHT	MELT PRESS. AFTER SAT. EXT. 1	F12 / DOOR 4	134A4	8	DOOR 2 / R1	SLOT 2	2	P59, CH. 0	"
"	BLK	"	"	134A11	5	"	"	1	"	"
"	GRN	"	"	"	5	"	"	4	"	"
"	BLU	MELT TEMP. AFTER SAT. EXT.1	F12 / DOOR 4	143A6	7	DOOR 2 / R1	"	6	P59, CH. 1	"
"	ORG	"	"	"	8	"	"	5	"	"
"	RD/BLK	"	"	"	8	"	"	8	"	"
"	BLK/WHT	MELT PRESS. AFTER SAT. EXT. 2	F12 / DOOR 4	136A4	8	DOOR 2 / R1	"	12	P59, CH. 2	"
"	BLU/BLK	"	"	136A11	5	"	"	11	"	"
"	GRN/WHT	"	"	"	5	"	"	14	"	"
"	BLK/RD	MELT TEMP. AFTER SAT. EXT. 2	F12 / DOOR 4	145A6	7	DOOR 2 / R1	"	16	P59, CH. 3	"
"	BLU/WHT	"	"	"	8	"	"	15	"	"
"	ORG/RD	"	"	"	8	"	"	18	"	"
"	RD/GRN	MELT TEMP. BEFORE DIE	F12 / DOOR 4	144A6	7	DOOR 2 / R1	"	20	P60, CH. 4	"
"	BLU/RD	"	"	"	8	"	"	19	"	"
"	BLK/WHT/RD	"	"	"	8	"	"	22	"	"
"	RD/BLK/WHT	MELT PRESS. BEFORE DIE	F12 / DOOR 4	135A4	8	DOOR 2 / R1	"	24	P60, CH. 5	"
"	WHT/BLK/RD	"	"	135A11	5	"	"	23	"	"
"	ORG/BLK/WHT	"	"	"	5	"	"	26	"	"
"	RD/BLK/GRN	MELT TEMP. BEFORE DIE	F12 / DOOR 4	146A6	7	DOOR 2 / R1	"	30	P60, CH. 6	"
"	WHT/RD/GRN	"	"	"	8	"	"	29	"	"
"	ORG/BLK/GRN	"	"	"	8	"	"	32	"	"
"	BLK/WHT/ORG	MELT PRESS. BEFORE DIE	F12 / DOOR 4	137A4	8	DOOR 2 / R1	"	34	P60, CH. 7	"
"	BLU/WHT/ORG	"	"	137A11	5	"	"	33	"	"
"	ORG/WHT/BLU	"	"	"	5	"	"	36	"	"

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 INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.	WIRING LIST OF F12 AB PLC UPGRADE					DRAWING DESCRIPTION	RACK 1 SLOT 2	Page #	249					
								Total						
DRAWN BY	Rufus Huang													
CHECKED BY	JERRY WU					REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	SCALE	NONE	UNIT	MM

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark	
			Location	TS#	Term #	Location	TS#	Term #		
R1S3	WHT	FREE	F12 / DOOR 1	X12	422	DOOR 2 / R1	SLOT 3	2	P61, CH. 0	
"	BLK	"	"	"	423	"	"	1	"	
"	GRN	"	"	"	423	"	"	4	"	
"	BLU	FREE	F12 / DOOR 1	X12	424	DOOR 2 / R1	"	6	P61, CH. 1	
"	ORG	"	"	"	425	"	"	5	"	
"	RD/BLK	"	"	"	425	"	"	8	"	
"	BLK/WHT	FREE	F12 / DOOR 1	X12	426	DOOR 2 / R1	"	12	P61, CH. 2	
"	BLU/BLK	"	"	"	427	"	"	11	"	
"	GRN/WHT	"	"	"	427	"	"	14	"	
"	BLK/RD	FREE	F12 / DOOR 1	X12	428	DOOR 2 / R1	"	16	P61, CH. 3	
"	BLU/WHT	"	"	"	429	"	"	15	"	
"	ORG/RD	"	"	"	429	"	"	18	"	
"	RD/GRN	FREE	F12 / DOOR 1	X12	430	DOOR 2 / R1	"	20	P62, CH. 4	
"	BLU/RD	"	"	"	431	"	"	19	"	
"	BLK/WHT/RD	"	"	"	431	"	"	22	"	
"	RD/BLK/WHT	FREE	F12 / DOOR 1	X12	432	DOOR 2 / R1	"	24	P62, CH. 5	
"	WHT/BLK/RD	"	"	"	433	"	"	23	"	
"	ORG/BLK/WHT	"	"	"	433	"	"	26	"	
"	RD/BLK/GRN	FREE	F12 / DOOR 1	X12	434	DOOR 2 / R1	"	30	P62, CH. 6	
"	WHT/RD/GRN	"	"	"	435	"	"	29	"	
"	ORG/BLK/GRN	"	"	"	435	"	"	32	"	
"	BLK/WHT/ORG	FREE	F12 / DOOR 1	X12	436	DOOR 2 / R1	"	34	P62, CH. 7	
"	BLU/WHT/ORG	"	"	"	437	"	"	33	"	
"	ORG/WHT/BLU	"	"	"	437	"	"	36	"	

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 INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.	WIRING LIST OF F12 AB PLC UPGRADE					DRAWING DESCRIPTION	RACK 1 SLOT 3	Page #	250		
								Total			
DRAWN BY	Rufus Huang							MATERIAL			
CHECKED BY	JERRY WU	1	Add Terminal Number	Charlie Z.	10/01/18	DRAWING NO.		SCALE	NONE	UNIT	MM
		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:					

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark
			Location	TS#	Term #	Location	TS#	Term #	
R1S4	RD	SECONDARY MELT LINE 1ST PART.	F12 / DOOR 1	X12	438	DOOR 2 / R1	SLOT 4	3	P63, CH. 0
"	ORG	"	"	"	439	"	"	5	"
"	GRN/BLK	SECONDARY MELT LINE 2ND PART.	F12 / DOOR 1	X12	440	DOOR 2 / R1	"	9	P63, CH. 1
"	ORG	"	"	"	441	"	"	5	"
"	RD/WHT	MELT LINE SAT. EXT. 1	F12 / DOOR 1	X12	442	DOOR 2 / R1	"	13	P63, CH. 2
"	BLU/WHT	"	"	"	443	"	"	15	"
"	BLU/RD	MELT LINE SAT. EXT. 2	F12 / DOOR 1	X12	444	DOOR 2 / R1	"	19	P63, CH. 3
"	BLU/WHT	"	"	"	445	"	"	15	"
R1S5	RD	MAIN AUGER 1	F12 / DOOR 1	X12	446	DOOR 2 / R1	SLOT 5	3	P64, CH. 0
"	ORG	"	"	"	447	"	"	5	"
"	GRN/BLK	MAIN AUGER 2	F12 / DOOR 1	X12	448	DOOR 2 / R1	"	9	P64, CH. 1
"	ORG	"	"	"	449	"	"	5	"
"	RD/WHT	MAIN AUGER 3	F12 / DOOR 1	X12	450	DOOR 2 / R1	"	13	P64, CH. 2
"	BLU/WHT	"	"	"	451	"	"	15	"
"	BLU/RD	4-20 mA SPEED REFERANCE AUGER # 1	F12 / DOOR 1	X12	452	DOOR 2 / R1	"	19	P64, CH. 3
"	BLU/WHT	"	"	"	453	"	"	15	"
R1S6	RD	4-20 mA SPEED REFERANCE AUGER # 2	F12 / DOOR 1	X12	454	DOOR 2 / R1	SLOT 6	3	P65, CH. 0
"	ORG	"	"	"	455	"	"	5	"
"	GRN/BLK	4-20 mA SPEED REFERANCE AUGER # 3	F12 / DOOR 1	X12	456	DOOR 2 / R1	"	9	P65, CH. 1
"	ORG	"	"	"	457	"	"	5	"
"	RD/WHT	4-20 mA SPEED REFERANCE AUGER # 4	F12 / DOOR 1	X12	458	DOOR 2 / R1	"	13	P65, CH. 2
"	BLU/WHT	"	"	"	459	"	"	15	"
"	BLU/RD	4-20 mA SPEED REFERANCE AUGER # 5	F12 / DOOR 1	X12	460	DOOR 2 / R1	"	19	P65, CH. 3
"	BLU/WHT	"	"	"	461	"	"	15	"
R1S7	RD	FREE	F12 / DOOR 1	X12	462	DOOR 2 / R1	SLOT 7	3	P67, CH. 0
"	ORG	"	"	"	463	"	"	5	"
"	GRN/BLK	FREE	F12 / DOOR 1	X12	464	DOOR 2 / R1	"	9	P67, CH. 1
"	ORG	"	"	"	465	"	"	5	"
"	RD/WHT	FREE	F12 / DOOR 1	X12	466	DOOR 2 / R1	"	13	P67, CH. 2
"	BLU/WHT	"	"	"	467	"	"	15	"
"	BLU/RD	FREE	F12 / DOOR 1	X12	468	DOOR 2 / R1	"	19	P67, CH. 3
"	BLU/WHT	"	"	"	469	"	"	15	"

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 INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

WIRING LIST OF F12 AB PLC  
UPGRADE

DRAWN BY	Rufus Huang	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	RACK 1 SLOT 4	RACK 1 SLOT 5	Page #	251		
							RACK 1 SLOT 6	RACK 1 SLOT 7				
CHECKED BY	JERRY WU								MATERIAL			
									SCALE	NONE	UNIT	MM

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark	
			Location	TS#	Term #	Location	TS#	Term #		
R1S8	BLK	EXT. 1 RUNNING	F12 / DOOR 1	X12	501	DOOR 2 / R1	SLOT 8	1	P68, CH. 0	
"	WHT	EXT. 2 RUNNING	F12 / DOOR 1	X12	502	"	"	2	P68, CH. 1	
"	RD	SAT. 1 RUNNING	F12 / DOOR 1	X12	503	"	"	3	P68, CH. 2	
"	GRN	SAT. 2 RUNNING	F12 / DOOR 1	X12	504	"	"	4	P68, CH. 3	
"	ORG	PRODUC. STRECH.	F12 / DOOR 1	X12	505	"	"	5	P68, CH. 4	
"	BLU		F12 / DOOR 1	X12	508	"	"	6	P68, CH. 5	
"	WHT/BLK	FREE	F12 / DOOR 1	X12	510	"	"	7	P68, CH. 6	
"	RD/BLK	MELT LINE AGGREGAT. OVER TEMP.	F12 / DOOR 1	X12	512	"	"	8	P68, CH. 7	
"	GRN/BLK	MELT LINE AGGREGAT DEFECT HIGH LEVEL	F12 / DOOR 1	X12	514	"	"	9	P69, CH. 8	
"	ORG/BLK	MELT LINE AGGREGAT DEFECT HIGH LEVEL	F12 / DOOR 1	X12	516	"	"	10	P69, CH. 9	
"	BLU/BLK	FEEDING PUMP START ORDER	F12 / DOOR 1	X12	518	"	"	11	P69, CH. 10	
"	BLK/WHT	RECEIVER # 1 LOADER FULL	F12 / DOOR 1	X12	520	"	"	12	P69, CH. 11	
"	RD/WHT	RECEIVER # 2 LOADER FULL	F12 / DOOR 1	X12	522	"	"	13	P69, CH. 12	
"	GRN/WHT	RECEIVER # 3 LOADER FULL	F12 / DOOR 1	X12	524	"	"	14	P69, CH. 13	
"	BLU/WHT	RECEIVER # 4 LOADER FULL	F12 / DOOR 1	X12	526	"	"	15	P69, CH. 14	
"	BLK/RD	RECEIVER # 5 LOADER FULL	F12 / DOOR 1	X12	528	"	"	16	P69, CH. 15	
"	BLU/RD	MIXER FULL	F12 / DOOR 1	X12	530	"	"	19	P70, CH. 16	
"	RD/GRN	MIXER EMPTY	F12 / DOOR 1	X12	532	"	"	20	P70, CH. 17	
"	ORG/GRN	MOTOR RUNNING	F12 / DOOR 1	X12	534	"	"	21	P70, CH. 18	
"	BLK/WHT/RD	MOTOR DEFECT	F12 / DOOR 1	X12	536	"	"	22	P70, CH. 19	
"	WHT/BLK/RD	MOTOR RUNNING	F12 / DOOR 1	X12	538	"	"	23	P70, CH. 20	
"	RD/BLK/WHT	MOTOR DEFECT	F12 / DOOR 1	X12	540	"	"	24	P70, CH. 21	
"	GRN/BLK/WHT	MOTOR RUNNING	F12 / DOOR 5	X12	542	"	"	25	P70, CH. 22	
"	ORG/BLK/WHT	MOTOR DEFECT	F12 / DOOR 5	X12	544	"	"	26	P70, CH. 23	
"	BLU/BLK/WHT	FREE	F12 / DOOR 5	X12	546	"	"	27	P71, CH. 24	
"	BLK/RD/GRN	FREE	F12 / DOOR 5	X12	548	"	"	28	P71, CH. 25	
"	WHT/RD/GRN	FREE	F12 / DOOR 5	X12	550	"	"	29	P71, CH. 26	
"	RD/BLK/GRN	FREE	F12 / DOOR 5	X12	552	"	"	30	P71, CH. 27	
"	GRN/BLK/ORG	FREE	F12 / DOOR 5	X12	554	"	"	31	P71, CH. 28	
"	ORG/BLK/GRN	FREE	F12 / DOOR 5	X12	556	"	"	32	P71, CH. 29	
"	BLU/WHT/ORG	FREE	F12 / DOOR 5	X12	558	"	"	33	P71, CH. 30	
"	BLK/WHT/ORG	FREE	F12 / DOOR 5	X12	560	"	"	34	P71, CH. 31	

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 INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.	WIRING LIST OF F12 AB PLC UPGRADE					DRAWING DESCRIPTION	RACK 1 SLOT 8	Page #	252		
								Total			
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	10/04/18	DRAWING NO.		MATERIAL			
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:		SCALE	NONE	UNIT	MM

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark	
			Location	TS#	Term #	Location	TS#	Term #		
R1S9	BLK	HEATER ZONE 1 EXT. 1	F12 / DOOR 5	X12	562	DOOR 2 / R1	SLOT 9	1	P72, CH. 0	
"	WHT	HEATER ZONE 2 EXT. 1	F12 / DOOR 5	X12	563	"	"	2	P72, CH. 1	
"	RD	HEATER ZONE 3 EXT. 1	F12 / DOOR 5	X12	564	"	"	3	P72, CH. 2	
"	GRN	HEATER ZONE 4 EXT. 1	F12 / DOOR 5	X12	565	"	"	4	P72, CH. 3	
"	ORG	COOLING PUMP EXT. 1	F12 / DOOR 5	X12	566	"	"	5	P72, CH. 4	
"	BLU	MIXING SCREW	F12 / DOOR 5	X12	567	"	"	6	P72, CH. 5	
"	WHT/BLK	ROTARY ARM	F12 / DOOR 5	X12	568	"	"	7	P72, CH. 6	
"	RD/BLK	HEATER ZONE 1 EXT.2	F12 / DOOR 5	X12	569	"	"	8	P72, CH. 7	
"	GRN/BLK	HEATER ZONE 2 EXT.2	F12 / DOOR 5	X12	570	"	"	9	P73, CH. 8	
"	ORG/BLK	HEATER ZONE 3 EXT.2	F12 / DOOR 5	X12	571	"	"	10	P73, CH. 9	
"	BLU/BLK	HEATER ZONE 4 EXT. 2	F12 / DOOR 5	X12	572	"	"	11	P73, CH. 10	
"	BLK/WHT	COOLING PUMP EXT. 2	F12 / DOOR 5	X12	573	"	"	12	P73, CH. 11	
"	RD/WHT	VACUUM PUMP	F12 / DOOR 5	X12	574	"	"	13	P73, CH. 12	
"	GRN/WHT	FREE	F12 / DOOR 5	X12	575	"	"	14	P73, CH. 13	
"	BLU/WHT	MELT LINE 1 ZONE 1	F12 / DOOR 5	X12	576	"	"	15	P73, CH. 14	
"	BLK/RD	MELT LINE 1 ZONE 2	F12 / DOOR 5	X12	577	"	"	16	P73, CH. 15	
"	BLU/RD	MELT LINE 1 ZONE 3	F12 / DOOR 5	X12	580	"	"	19	P74, CH. 16	
"	RD/GRN	MELT LINE 1 ZONE 4	F12 / DOOR 5	X12	581	"	"	20	P74, CH. 17	
"	ORG/GRN	FREE	F12 / DOOR 5	X12	582	"	"	21	P74, CH. 18	
"	BLK/WHT/RD	FREE	F12 / DOOR 5	X12	583	"	"	22	P74, CH. 19	
"	WHT/BLK/RD	MOTOR CHANGE FILTER EXT. 1	F12 / DOOR 5	X12	584	"	"	23	P74, CH. 20	
"	RD/BLK/WHT	FILTER ZONE 1	F12 / DOOR 5	X12	585	"	"	24	P74, CH. 21	
"	GRN/BLK/WHT	FILTER ZONE 2	F12 / DOOR 5	X12	586	"	"	25	P74, CH. 22	
"	ORG/BLK/WHT	FILTER ZONE 3	F12 / DOOR 5	X12	587	"	"	26	P74, CH. 23	
"	BLU/BLK/WHT	ADAPTER	F12 / DOOR 5	X12	588	"	"	27	P75, CH. 24	
"	BLK/RD/GRN	FREE	F12 / DOOR 5	X12	589	"	"	28	P75, CH. 25	
"	WHT/RD/GRN	FREE	F12 / DOOR 5	X12	590	"	"	29	P75, CH. 26	
"	RD/BLK/GRN	MOTOR CHANGE FILTER EXT. 2	F12 / DOOR 5	X12	591	"	"	30	P75, CH. 27	
"	GRN/BLK/ORG	FILTER ZONE 1	F12 / DOOR 5	X12	592	"	"	31	P75, CH. 28	
"	ORG/BLK/GRN	FILTER ZONE 2	F12 / DOOR 5	X12	593	"	"	32	P75, CH. 29	
"	BLU/WHT/ORG	FILTER ZONE 3	F12 / DOOR 5	X12	594	"	"	33	P75, CH. 30	
"	BLK/WHT/ORG	ADAPTER	F12 / DOOR 5	X12	595	"	"	34	P75, CH. 31	

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DRAWN BY	Rufus Huang	WIRING LIST OF F12 AB PLC UPGRADE	1	Add Terminal Number	Charlie Z.	10/04/18	DRAWING NO.	DRAWING DESCRIPTION	RACK 1 SLOT 9		Page #	253				
									REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	MATERIAL	Total	
CHECKED BY	JERRY WU												SCALE	NONE	UNIT	MM

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark		
			Location	TS#	Term #	Location	TS#	Term #			
R1S10	BLK	SAT. EXT. 1 HEATER ZONE 1	F12 / DOOR 5	X12	598	DOOR 2 / R1	SLOT 10	1	P76, CH. 0		
"	WHT	SAT. EXT. 1 HEATER ZONE 2	F12 / DOOR 5	X12	599	"	"	2	P76, CH. 1		
"	RD	SAT. EXT. 1 HEATER ZONE 3	F12 / DOOR 5	X12	600	"	"	3	P76, CH. 2		
"	GRN	SAT. EXT. 1 HEATER ZONE 4	F12 / DOOR 5	X12	601	"	"	4	P76, CH. 3		
"	ORG	SAT. EXT. 1 HEATER ZONE 5	F12 / DOOR 5	X12	602	"	"	5	P76, CH. 4		
"	BLU	SAT. EXT. 1 HEATER ZONE 6	F12 / DOOR 5	X12	603	"	"	6	P76, CH. 5		
"	WHT/BLK	SAT. EXT. 1 HEATER ZONE 7	F12 / DOOR 5	X12	604	"	"	7	P76, CH. 6		
"	RD/BLK	ADAPT. SAT. EXT. 1	F12 / DOOR 5	X12	605	"	"	8	P76, CH. 7		
"	GRN/BLK	COOLING FAN ZONE 1	F12 / DOOR 5	X12	606	"	"	9	P77, CH. 8		
"	ORG/BLK	COOLING FAN ZONE 2	F12 / DOOR 5	X12	607	"	"	10	P77, CH. 9		
"	BLU/BLK	COOLING FAN ZONE 3	F12 / DOOR 5	X12	608	"	"	11	P77, CH. 10		
"	BLK/WHT	COOLING FAN ZONE 4	F12 / DOOR 5	X12	609	"	"	12	P77, CH. 11		
"	RD/WHT	COOLING FAN ZONE 5	F12 / DOOR 5	X12	610	"	"	13	P77, CH. 12		
"	GRN/WHT	COOLING FAN ZONE 6	F12 / DOOR 5	X12	611	"	"	14	P77, CH. 13		
"	BLU/WHT	COOLING FAN ZONE 7	F12 / DOOR 5	X12	612	"	"	15	P77, CH. 14		
"	BLK/RD	FREE	F12 / DOOR 5	X12	613	"	"	16	P77, CH. 15		
"	BLU/RD	FREE	F12 / DOOR 6	X12	616	"	"	19	P78, CH. 16		
"	RD/GRN	SAT. EXT. 2 HEATER ZONE 1	F12 / DOOR 6	X12	617	"	"	20	P78, CH. 17		
"	ORG/GRN	SAT. EXT. 2 HEATER ZONE 2	F12 / DOOR 6	X12	618	"	"	21	P78, CH. 18		
"	BLK/WHT/RD	SAT. EXT. 2 HEATER ZONE 3	F12 / DOOR 6	X12	619	"	"	22	P78, CH. 19		
"	WHT/BLK/RD	SAT. EXT. 2 HEATER ZONE 4	F12 / DOOR 6	X12	620	"	"	23	P78, CH. 20		
"	RD/BLK/WHT	SAT. EXT. 2 HEATER ZONE 5	F12 / DOOR 6	X12	621	"	"	24	P78, CH. 21		
"	GRN/BLK/WHT	SAT. EXT. 2 HEATER ZONE 6	F12 / DOOR 6	X12	622	"	"	25	P78, CH. 22		
"	ORG/BLK/WHT	SAT. EXT. 2 HEATER ZONE 7	F12 / DOOR 6	X12	623	"	"	26	P78, CH. 23		
"	BLU/BLK/WHT	ADAPT. SAT. EXT. 2	F12 / DOOR 6	X12	624	"	"	27	P79, CH. 24		
"	BLK/RD/GRN	COOLING FAN ZONE 1	F12 / DOOR 6	X12	625	"	"	28	P79, CH. 25		
"	WHT/RD/GRN	COOLING FAN ZONE 2	F12 / DOOR 6	X12	626	"	"	29	P79, CH. 26		
"	RD/BLK/GRN	COOLING FAN ZONE 3	F12 / DOOR 6	X12	627	"	"	30	P79, CH. 27		
"	GRN/BLK/ORG	COOLING FAN ZONE 4	F12 / DOOR 6	X12	628	"	"	31	P79, CH. 28		
"	ORG/BLK/GRN	COOLING FAN ZONE 5	F12 / DOOR 6	X12	629	"	"	32	P79, CH. 29		
"	BLU/WHT/ORG	COOLING FAN ZONE 6	F12 / DOOR 6	X12	630	"	"	33	P79, CH. 30		
"	BLK/WHT/ORG	COOLING FAN ZONE 7	F12 / DOOR 6	X12	631	"	"	34	P79, CH. 31		

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DRAWN BY	Rufus Huang	WIRING LIST OF F12 AB PLC UPGRADE	1	Add Terminal Number	Charlie Z.	10/04/18	DRAWING NO.	RACK 1 SLOT 10	Page #	254		
									Total			
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:		MATERIAL			
									SCALE	NONE	UNIT	MM

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark	
			Location	TS#	Term #	Location	TS#	Term #		
R1S11	BLK	HEATING OF DIVERTER	F12 / DOOR 6	X12	634	DOOR 2 / R1	SLOT 11	1	P80, CH. 0	
"	WHT	DIE HEATER ZONE 1	F12 / DOOR 6	X12	635	"	"	2	P80, CH. 1	
"	RD	DIE HEATER ZONE 2	F12 / DOOR 6	X12	636	"	"	3	P80, CH. 2	
"	GRN	DIE HEATER ZONE 3	F12 / DOOR 6	X12	637	"	"	4	P80, CH. 3	
"	ORG	DIE HEATER ZONE 4	F12 / DOOR 6	X12	638	"	"	5	P80, CH. 4	
"	BLU	DIE HEATER ZONE 5	F12 / DOOR 6	X12	639	"	"	6	P80, CH. 5	
"	WHT/BLK	DIE HEATER ZONE 6	F12 / DOOR 6	X12	640	"	"	7	P80, CH. 6	
"	RD/BLK	DIE HEATER ZONE 7	F12 / DOOR 6	X12	641	"	"	8	P80, CH. 7	
"	GRN/BLK	FREE	F12 / DOOR 6	X12	642	"	"	9	P81, CH. 8	
"	ORG/BLK	FREE	F12 / DOOR 6	X12	643	"	"	10	P81, CH. 9	
"	BLU/BLK	FREE	F12 / DOOR 6	X12	644	"	"	11	P81, CH. 10	
"	BLK/WHT	FREE	F12 / DOOR 6	X12	645	"	"	12	P81, CH. 11	
"	RD/WHT	FREE	F12 / DOOR 6	X12	646	"	"	13	P81, CH. 12	
"	GRN/WHT	STAIC MIXER HEATING	F12 / DOOR 6	X12	647	"	"	14	P81, CH. 13	
"	BLU/WHT	STATIC MIXER CONNECTIONS	F12 / DOOR 6	X12	648	"	"	15	P81, CH. 14	
"	BLK/RD	SAT. 1 HEATING FILTER	F12 / DOOR 6	X12	649	"	"	16	P81, CH. 15	
"	BLU/RD	SAT. 2 HEATING FILTER	F12 / DOOR 6	X12	652	"	"	19	P82, CH. 16	
"	RD/GRN	HYORAUPLIC GROUP	F12 / DOOR 6	X12	653	"	"	20	P82, CH. 17	
"	ORG/GRN	HYDRAULIC GROUP	F12 / DOOR 6	X12	654	"	"	21	P82, CH. 18	
"	BLK/WHT/RD	FREE	F12 / DOOR 6	X12	655	"	"	22	P82, CH. 19	
"	WHT/BLK/RD	HOMOPOLYMER SILO	F12 / DOOR 6	X12	658	"	"	23	P82, CH. 20	
"	RD/BLK/WHT	HOMOPOLYMER SILO	F12 / DOOR 6	X12	660	"	"	24	P82, CH. 21	
"	GRN/BLK/WHT	RECLAIM MATERIAL LOW LEVEL	F12 / DOOR 6	X12	662	"	"	25	P82, CH. 22	
"	ORG/BLK/WHT	RECLAIM MATERIAL HIGH LEVEL	F12 / DOOR 6	X12	664	"	"	26	P82, CH. 23	
"	BLU/BLK/WHT	COPOLYMER SILO	F12 / DOOR 6	X12	666	"	"	27	P83, CH. 24	
"	BLK/RD/GRN	COPOLYMER SILO	F12 / DOOR 6	X12	668	"	"	28	P83, CH. 25	
"	WHT/RD/GRN	SAT. EXT. 1 HOPPER	F12 / DOOR 6	X12	670	"	"	29	P83, CH. 26	
"	RD/BLK/GRN	SAT. EXT. 1 HOPPER	F12 / DOOR 6	X12	672	"	"	30	P83, CH. 27	
"	GRN/BLK/ORG	COPOLYMER SILO	F12 / DOOR 6	X12	674	"	"	31	P83, CH. 28	
"	ORG/BLK/GRN	COPOLYMER SILO	F12 / DOOR 6	X12	676	"	"	32	P83, CH. 29	
"	BLU/WHT/ORG	SAT. EXT. 2 HOPPER	F12 / DOOR 6	X12	678	"	"	33	P83, CH. 30	
"	BLK/WHT/ORG	SAT. EXT. 2 HOPPER	F12 / DOOR 6	X12	680	"	"	34	P83, CH. 31	

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 INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.	WIRING LIST OF F12 AB PLC UPGRADE					DRAWING DESCRIPTION	RACK 1 SLOT 11	Page #	255		
								Total			
DRAWN BY	Rufus Huang					DRAWING NO.		MATERIAL			
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:		SCALE	NONE	UNIT	MM

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark	
			Location	TS#	Term #	Location	TS#	Term #		
R2S1	BLK	GEAR BOX EXT. 1	F12 / DOOR 6	X12	682	DOOR 2 / R2	SLOT 1	1	P84, CH. 0	
"	WHT	GEAR BOX EXT. 1	F12 / DOOR 6	X12	684	"	"	2	P84, CH. 1	
"	RD	GEAR BOX EXT. 1	F12 / DOOR 6	X12	686	"	"	3	P84, CH. 2	
"	GRN	GEAR BOX EXT. 1	F12 / DOOR 6	X12	688	"	"	4	P84, CH. 3	
"	ORG	COOLING CIRCUIT EXT. 1	F12 / DOOR 6	X12	690	"	"	5	P84, CH. 4	
"	BLU	GEAR BOX EXT. 2	F12 / DOOR 6	X12	692	"	"	6	P84, CH. 5	
"	WHT/BLK	GEAR BOX EXT. 2	F12 / DOOR 6	X12	694	"	"	7	P84, CH. 6	
"	RD/BLK	GEAR BOX EXT. 2	F12 / DOOR 6	X12	696	"	"	8	P84, CH. 7	
"	GRN/BLK	GEAR BOX EXT.. 1	F12 / DOOR 6	X12	698	"	"	9	P85, CH. 8	
"	ORG/BLK	COOLING CIRCUIT EXT. 2	F12 / DOOR 6	X12	700	"	"	10	P85, CH. 9	
"	BLU/BLK	MELT LINE AGGREGAT FROM TRANSMITTER	F12 / DOOR 6	X12	702	"	"	11	P85, CH. 10	
"	BLK/WHT	ADDITIVE	F12 / DOOR 6	X12	704	"	"	12	P85, CH. 11	
"	RD/WHT	HOMO	F12 / DOOR 6	X12	706	"	"	13	P85, CH. 12	
"	GRN/WHT	RECLAIM	F12 / DOOR 6	X12	708	"	"	14	P85, CH. 13	
"	BLU/WHT	SAT. EXT. 1	F12 / DOOR 6	X12	710	"	"	15	P85, CH. 14	
"	BLK/RD	SAT. EXT. 1	F12 / DOOR 6	X12	712	"	"	16	P85, CH. 15	
"	BLU/RD	GEAR BOX EXT. 1	F12 / DOOR 6	X12	714	"	"	19	P86, CH. 16	
"	RD/GRN	GEAR BOX EXT. 1	F12 / DOOR 6	X12	716	"	"	20	P86, CH. 17	
"	ORG/GRN	GEAR BOX EXT. 2	F12 / DOOR 6	X12	718	"	"	21	P86, CH. 18	
"	BLK/WHT/RD	GEAR BOX EXT. 2	F12 / DOOR 6	X12	720	"	"	22	P86, CH. 19	
"	WHT/BLK/RD	GEAR BOX EXT. 2	F12 / DOOR 6	X12	722	"	"	23	P86, CH. 20	
"	RD/BLK/WHT	GEAR BOX EXT. 2	F12 / DOOR 6	X12	724	"	"	24	P86, CH. 21	
"	GRN/BLK/WHT	FREE	F12 / DOOR 6	X12	726	"	"	25	P86, CH. 22	
"	ORG/BLK/WHT	FEEDING VALVE OPEN	F12 / DOOR 6	X12	728	"	"	26	P86, CH. 23	
"	BLU/BLK/WHT	HYDR. GROUP SAT. 1 - START	F12 / DOOR 6	X12	730	"	"	27	P87, CH. 24	
"	BLK/RD/GRN	HYDR. GROUP SAT. 1 - STOP	F12 / DOOR 6	X12	731	"	"	28	P87, CH. 25	
"	WHT/RD/GRN	HYDR. GROUP SAT. 2 - START	F12 / DOOR 6	X12	733	"	"	29	P87, CH. 26	
"	RD/BLK/GRN	HYDR. GROUP SAT. 2 - STOP	F12 / DOOR 6	X12	734	"	"	30	P87, CH. 27	
"	GRN/BLK/ORG	HYDR. GROUP EXT. 1 - START	F12 / DOOR 6	X12	736	"	"	31	P87, CH. 28	
"	ORG/BLK/GRN	HYDR. GROUP EXT. 1 - STOP	F12 / DOOR 6	X12	737	"	"	32	P87, CH. 29	
"	BLU/WHT/ORG	HYDR. GROUP EXT. 2 - START	F12 / DOOR 6	X12	739	"	"	33	P87, CH. 30	
"	BLK/WHT/ORG	HYDR. GROUP EXT. 2 - STOP	F12 / DOOR 6	X12	740	"	"	34	P87, CH. 31	

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 INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.	WIRING LIST OF F12 AB PLC UPGRADE				DRAWING DESCRIPTION	RACK 2 SLOT 1	Page #	256		
							Total			
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	10/11/18	DRAWING NO.		MATERIAL		
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	SCALE	NONE	UNIT	MM

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark	
			Location	TS#	Term #	Location	TS#	Term #		
R2S2	BLK	FEEDING VALVE - OPEN	F12 / DOOR 6	X12	742	DOOR 2 / R2	SLOT 2	1	P88, CH. 0	
"	WHT	FEEDING VALVE - CLOSE	F12 / DOOR 6	X12	743	"	"	2	P88, CH. 1	
"	RD	4 EXTRUDER STOP	F12 / DOOR 6	X12	744	"	"	3	P88, CH. 2	
"	GRN	MELT LINE AGGREGAT STOP	F12 / DOOR 6	X12	746	"	"	4	P88, CH. 3	
"	ORG	FREE	F12 / DOOR 6	X12	748	"	"	5	P88, CH. 4	
"	BLU	FREE	F12 / DOOR 6	X12	750	"	"	6	P88, CH. 5	
"	WHT/BLK	FREE	F12 / DOOR 6	X12	752	"	"	7	P88, CH. 6	
"	RD/BLK	FREE	F12 / DOOR 6	X12	754	"	"	8	P88, CH. 7	
"	GRN/BLK	FREE	F12 / DOOR 6	X12	756	"	"	9	P89, CH. 8	
"	ORG/BLK	FREE	F12 / DOOR 6	X12	758	"	"	10	P89, CH. 9	
"	BLU/BLK	FREE	F12 / DOOR 6	X12	760	"	"	11	P89, CH. 10	
"	BLK/WHT	FREE	F12 / DOOR 6	X12	762	"	"	12	P89, CH. 11	
"	RD/WHT	FREE	F12 / DOOR 6	X12	764	"	"	13	P89, CH. 12	
"	GRN/WHT	FREE	F12 / DOOR 6	X12	766	"	"	14	P89, CH. 13	
"	BLU/WHT	FREE	F12 / DOOR 6	X12	768	"	"	15	P89, CH. 14	
"	BLK/RD	FREE	F12 / DOOR 6	X12	770	"	"	16	P89, CH. 15	
"	BLU/RD	FREE	F12 / DOOR 6	X12	772	"	"	19	P90, CH. 16	
"	RD/GRN	FREE	F12 / DOOR 6	X12	774	"	"	20	P90, CH. 17	
"	ORG/GRN	FREE	F12 / DOOR 6	X12	776	"	"	21	P90, CH. 18	
"	BLK/WHT/RD	FREE	F12 / DOOR 6	X12	778	"	"	22	P90, CH. 19	
"	WHT/BLK/RD	FREE	F12 / DOOR 6	X12	780	"	"	23	P90, CH. 20	
"	RD/BLK/WHT	FREE	F12 / DOOR 6	X12	782	"	"	24	P90, CH. 21	
"	GRN/BLK/WHT	FREE	F12 / DOOR 6	X12	784	"	"	25	P90, CH. 22	
"	ORG/BLK/WHT	FREE	F12 / DOOR 6	X12	786	"	"	26	P90, CH. 23	
"	BLU/BLK/WHT	FREE	F12 / DOOR 6	X12	788	"	"	27	P91, CH. 24	
"	BLK/RD/GRN	FREE	F12 / DOOR 6	X12	790	"	"	28	P91, CH. 25	
"	WHT/RD/GRN	FREE	F12 / DOOR 6	X12	792	"	"	29	P91, CH. 26	
"	RD/BLK/GRN	FREE	F12 / DOOR 6	X12	794	"	"	30	P91, CH. 27	
"	GRN/BLK/ORG	FREE	F12 / DOOR 6	X12	796	"	"	31	P91, CH. 28	
"	ORG/BLK/GRN	FREE	F12 / DOOR 6	X12	798	"	"	32	P91, CH. 29	
"	BLU/WHT/ORG	FREE	F12 / DOOR 6	X12	800	"	"	33	P91, CH. 30	
"	BLK/WHT/ORG	FREE	F12 / DOOR 6	X12	802	"	"	34	P91, CH. 31	

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 INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.	WIRING LIST OF F12 AB PLC UPGRADE					DRAWING DESCRIPTION	RACK 2 SLOT 2	Page #	257					
								Total						
DRAWN BY	Rufus Huang													
CHECKED BY	JERRY WU					REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	SCALE	NONE	UNIT	MM

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark	
			Location	TS#	Term #	Location	TS#	Term #		
R2S3	BLK	FREE	F12 / DOOR 6	X12	804	DOOR 2 / R2	SLOT 3	1	P92, CH. 0	
"	WHT	FREE	F12 / DOOR 6	X12	806	"	"	2	P92, CH. 1	
"	RD	FREE	F12 / DOOR 6	X12	808	"	"	3	P92, CH. 2	
"	GRN	FREE	F12 / DOOR 6	X12	810	"	"	4	P92, CH. 3	
"	ORG	FREE	F12 / DOOR 6	X12	812	"	"	5	P92, CH. 4	
"	BLU	FREE	F12 / DOOR 6	X12	814	"	"	6	P92, CH. 5	
"	WHT/BLK	FREE	F12 / DOOR 6	X12	816	"	"	7	P92, CH. 6	
"	RD/BLK	FREE	F12 / DOOR 6	X12	818	"	"	8	P92, CH. 7	
"	GRN/BLK	FREE	F12 / DOOR 6	X12	820	"	"	9	P93, CH. 8	
"	ORG/BLK	FREE	F12 / DOOR 6	X12	822	"	"	10	P93, CH. 9	
"	BLU/BLK	FREE	F12 / DOOR 6	X12	824	"	"	11	P93, CH. 10	
"	BLK/WHT	FREE	F12 / DOOR 6	X12	826	"	"	12	P93, CH. 11	
"	RD/WHT	SYSTEM RUNNING, HOMO DRYER	F12 / DOOR 6	X12	828	"	"	13	P93, CH. 12	
"	GRN/WHT	SYSTEM DEFECT, HOMO DRYER	F12 / DOOR 6	X12	830	"	"	14	P93, CH. 13	
"	BLU/WHT	TEMPERATURE OK, HOMO DRYER	F12 / DOOR 6	X12	832	"	"	15	P93, CH. 14	
"	BLK/RD	SYSTEM RUNNING, RECLAIM DRYER	F12 / DOOR 6	X12	834	"	"	16	P93, CH. 15	
"	BLU/RD	SYSTEM DEFECT, RECLAIM DRYER	F12 / DOOR 6	X12	836	"	"	19	P94, CH. 16	
"	RD/GRN	TEMPERATURE OK, RECLAIM DRYER	F12 / DOOR 6	X12	838	"	"	20	P94, CH. 17	
"	ORG/GRN	SYSTEM RUNNING, SAT. 1 DRYING	F12 / DOOR 6	X12	840	"	"	21	P94, CH. 18	
"	BLK/WHT/RD	SYSTEM DEFECT, SAT. 1 DRYING	F12 / DOOR 6	X12	842	"	"	22	P94, CH. 19	
"	WHT/BLK/RD	TEMPERATURE OK, SAT. 1 DRYING	F12 / DOOR 6	X12	844	"	"	23	P94, CH. 20	
"	RD/BLK/WHT	SYSTEM RUNNING, SAT. 2 DRYING	F12 / DOOR 6	X12	846	"	"	24	P94, CH. 21	
"	GRN/BLK/WHT	SYSTEM DEFECT, SAT. 2 DRYING	F12 / DOOR 6	X12	848	"	"	25	P94, CH. 22	
"	ORG/BLK/WHT	TEMPERATURE OK, SAT. 2 DRYING	F12 / DOOR 6	X12	850	"	"	26	P94, CH. 23	
"	BLU/BLK/WHT	FREE	F12 / DOOR 6	X12	852	"	"	27	P95, CH. 24	
"	BLK/RD/GRN	FREE	F12 / DOOR 6	X12	854	"	"	28	P95, CH. 25	
"	WHT/RD/GRN	FREE	F12 / DOOR 6	X12	856	"	"	29	P95, CH. 26	
"	RD/BLK/GRN	FREE	F12 / DOOR 6	X12	858	"	"	30	P95, CH. 27	
"	GRN/BLK/ORG	PCC ALARM FROM MAIN LOADING	F12 / DOOR 6	X12	860	"	"	31	P95, CH. 28	
"	ORG/BLK/GRN	RELEASE DEFECT	F12 / DOOR 4	23KA20	14	"	"	32	P95, CH. 29	
"	BLU/WHT/ORG	RELEASE KLAXON	F12 / DOOR 4	23KA9	14	"	"	33	P95, CH. 30	
"	BLK/WHT/ORG	EMERGENCY STOP	F12 / DOOR 4	20KA22	84	"	"	34	P95, CH. 31	

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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 INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.	WIRING LIST OF F12 AB PLC UPGRADE					DRAWING DESCRIPTION	RACK 2 SLOT 3	Page #	258		
								Total			
DRAWN BY	Rufus Huang							MATERIAL			
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:		SCALE	NONE	UNIT	MM

Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark
			Location	TS#	Term #	Location	TS#	Term #	
R2S4	BLK	EXT. 1 INTERLOCK	F12 / DOOR 4	130A4	26	DOOR 2 / R2	SLOT 4	1	P97, CH. 0
"	WHT	EXT. 2 INTERLOCK	F12 / DOOR 4	132A4	26	"	"	2	P97, CH. 1
"	RD	SAT. 1 INTERLOCK	F12 / DOOR 4	134A4	26	"	"	3	P97, CH. 2
"	GRN	SAT. 2 INTERLOCK	F12 / DOOR 4	136A4	26	"	"	4	P97, CH. 3
"	ORG	MELT OIL SKID PUMP INTELOCK	F12 / DOOR 4	97A10	5	"	"	5	P97, CH. 4
"	BLU	MELT OIL SKID PUMP START	F12 / DOOR 5	97A10	6	"	"	6	P97, CH. 5
"	WHT/BLK	MELT OIL SKID INTELOCK	F12 / DOOR 5	97A10	7	"	"	7	P97, CH. 6
"	RD/BLK	MELT OIL SKID START	F12 / DOOR 5	97A10	8	"	"	8	P97, CH. 7
"	GRN/BLK	FREE	F12 / DOOR 5	97A10	9	"	"	9	P98, CH. 8
"	ORG/BLK	FREE	F12 / DOOR 5	97A10	10	"	"	10	P98, CH. 9
"	BLU/BLK	FREE	F12 / DOOR 5	97A10	11	"	"	11	P98, CH. 10
"	BLK/WHT	FREE	F12 / DOOR 5	97A10	12	"	"	12	P98, CH. 11
"	RD/WHT	KLAXON	F12 / DOOR 5	97A10	13	"	"	13	P98, CH. 12
"	GRN/WHT	ROTATING LIGHT	F12 / DOOR 5	97A10	14	"	"	14	P98, CH. 13
"	BLU/WHT	RELEASE KLAXON	F12 / DOOR 5	97A10	15	"	"	15	P98, CH. 14
"	BLK/RD	RELEASE DEFECT	F12 / DOOR 5	97A10	19	"	"	16	P98, CH. 15
"	BLU/RD	FREE	F12 / DOOR 5	99A10	1	"	"	19	P99, CH. 16
"	RD/GRN	FREE	F12 / DOOR 5	99A10	2	"	"	20	P99, CH. 17
"	ORG/GRN	DRIVE INTERLOCK AUGER 2	F12 / DOOR 5	99A10	3	"	"	21	P99, CH. 18
"	BLK/WHT/RD	START/STOP COMMAND AUGER 2	F12 / DOOR 5	99A10	4	"	"	22	P99, CH. 19
"	WHT/BLK/RD	DRIVER INTERLOCK AUGER 3	F12 / DOOR 5	99A10	5	"	"	23	P99, CH. 20
"	RD/BLK/WHT	START/STOP COMMAND AUGER 3	F12 / DOOR 5	99A10	6	"	"	24	P99, CH. 21
"	GRN/BLK/WHT	DRIVE INTERLOCK AUGER 1	F12 / DOOR 5	99A10	7	"	"	25	P99, CH. 22
"	ORG/BLK/WHT	START/STOP COMMAND AUGER 1	F12 / DOOR 5	99A10	8	"	"	26	P99, CH. 23
"	BLU/BLK/WHT	RUN MOTOR 1	F12 / DOOR 5	99A10	9	"	"	27	P100, CH. 24
"	BLK/RD/GRN	RUN MOTOR 2	F12 / DOOR 5	99A10	10	"	"	28	P100, CH. 25
"	WHT/RD/GRN	RUN MOTOR 3	F12 / DOOR 5	99A10	11	"	"	29	P100, CH. 26
"	RD/BLK/GRN	RUN MOTOR 4	F12 / DOOR 5	99A10	12	"	"	30	P100, CH. 27
"	GRN/BLK/ORG	RUN MOTOR 5	F12 / DOOR 5	99A10	13	"	"	31	P100, CH. 28
"	ORG/BLK/GRN	RUN MOTOR 6	F12 / DOOR 5	99A10	14	"	"	32	P100, CH. 29
"	BLU/WHT/ORG	FREE	F12 / DOOR 5	99A10	15	"	"	33	P100, CH. 30
"	BLK/WHT/ORG	FREE	F12 / DOOR 5	99A10	16	"	"	34	P100, CH. 31

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Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark
			Location	TS#	Term #	Location	TS#	Term #	
R2S5	BLK	HEATER ZONE 1 EXT. 1	F12 / DOOR 5	101A10	1	DOOR 2 / R2	SLOT 5	1	P101, CH. 0
"	WHT	HEATER ZONE 2 EXT. 1	F12 / DOOR 5	101A10	2	"	"	2	P101, CH. 1
"	RD	HEATER ZONE 3 EXT. 1	F12 / DOOR 5	101A10	3	"	"	3	P101, CH. 2
"	GRN	HEATER ZONE 4 EXT. 1	F12 / DOOR 5	101A10	4	"	"	4	P101, CH. 3
"	ORG	COOLING PUMP EXT. 1	F12 / DOOR 5	101A10	5	"	"	5	P101, CH. 4
"	BLU	MIXING SCREU	F12 / DOOR 5	101A10	6	"	"	6	P101, CH. 5
"	WHT/BLK	ROTARY ARM	F12 / DOOR 5	101A10	7	"	"	7	P101, CH. 6
"	RD/BLK	HEATER ZONE 1 EXT. 2	F12 / DOOR 5	101A10	8	"	"	8	P101, CH. 7
"	GRN/BLK	HEATER ZONE 2 EXT. 2	F12 / DOOR 5	101A10	9	"	"	9	P102, CH. 8
"	ORG/BLK	HEATER ZONE 3 EXT. 2	F12 / DOOR 5	101A10	10	"	"	10	P102, CH. 9
"	BLU/BLK	HEATER ZONE 4 EXT. 2	F12 / DOOR 5	101A10	11	"	"	11	P102, CH. 10
"	BLK/WHT	COOLING PUMP EXT. 2	F12 / DOOR 5	101A10	12	"	"	12	P102, CH. 11
"	RD/WHT	VACUUM PUMP	F12 / DOOR 5	101A10	13	"	"	13	P102, CH. 12
"	GRN/WHT	SIGNAL TO F13 / WATER BATH THAT SEL EXT. RUNNING	F12 / DOOR 5	101A10	14	"	"	14	P102, CH. 13
"	BLU/WHT	MELT LINE 1 ZONE 1	F12 / DOOR 5	101A10	15	"	"	15	P102, CH. 14
"	BLK/RD	MELT LINE 1 ZONE 2	F12 / DOOR 5	101A10	16	"	"	16	P102, CH. 15
"	BLU/RD	MELT LINE 1 ZONE 3	F12 / DOOR 5	103A10	1	"	"	19	P103, CH. 16
"	RD/GRN	MELT LINE 1 ZONE 4	F12 / DOOR 5	103A10	2	"	"	20	P103, CH. 17
"	ORG/GRN	FREE	F12 / DOOR 5	103A10	3	"	"	21	P103, CH. 18
"	BLK/WHT/RD	FREE	F12 / DOOR 5	103A10	4	"	"	22	P103, CH. 19
"	WHT/BLK/RD	MOTOR CHANGE FILTER EXT. 1	F12 / DOOR 5	103A10	5	"	"	23	P103, CH. 20
"	RD/BLK/WHT	FILTER ZONE 1	F12 / DOOR 5	103A10	6	"	"	24	P103, CH. 21
"	GRN/BLK/WHT	FILTER ZONE 2	F12 / DOOR 5	103A10	7	"	"	25	P103, CH. 22
"	ORG/BLK/WHT	FILTER ZONE 3	F12 / DOOR 5	103A10	8	"	"	26	P103, CH. 23
"	BLU/BLK/WHT	ADAPTER	F12 / DOOR 5	103A10	9	"	"	27	P104, CH. 24
"	BLK/RD/GRN	FREE	F12 / DOOR 5	103A10	10	"	"	28	P104, CH. 25
"	WHT/RD/GRN	FREE	F12 / DOOR 5	103A10	11	"	"	29	P104, CH. 26
"	RD/BLK/GRN	MOTOR CHANGE FILTER EXT. 2	F12 / DOOR 5	103A10	12	"	"	30	P104, CH. 27
"	GRN/BLK/ORG	FILTER ZONE 1	F12 / DOOR 5	103A10	13	"	"	31	P104, CH. 28
"	ORG/BLK/GRN	FILTER ZONE 2	F12 / DOOR 5	103A10	14	"	"	32	P104, CH. 29
"	BLU/WHT/ORG	FILTER ZONE 3	F12 / DOOR 5	103A10	15	"	"	33	P104, CH. 30
"	BLK/WHT/ORG	ADAPTER	F12 / DOOR 5	103A10	16	"	"	34	P104, CH. 31

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 INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

WIRING LIST OF F12 AB PLC  
UPGRADE

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	Page #		260		
					MATERIAL	SCALE	NONE	UNIT	MM

DRAWN BY Rufus Huang

CHECKED BY JERRY WU

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark
			Location	TS#	Term #	Location	TS#	Term #	
R2S6	BLK	SAT. EXT. 1 HEATER ZONE 1	F12 / DOOR 5	105A10	1	DOOR 2 / R2	SLOT 6	1	P105, CH. 0
"	WHT	SAT. EXT. 1 HEATER ZONE 2	F12 / DOOR 5	105A10	2	"	"	2	P105, CH. 1
"	RD	SAT. EXT. 1 HEATER ZONE 3	F12 / DOOR 5	105A10	3	"	"	3	P105, CH. 2
"	GRN	SAT. EXT. 1 HEATER ZONE 4	F12 / DOOR 5	105A10	4	"	"	4	P105, CH. 3
"	ORG	SAT. EXT. 1 HEATER ZONE 5	F12 / DOOR 5	105A10	5	"	"	5	P105, CH. 4
"	BLU	SAT. EXT. 1 HEATER ZONE 6	F12 / DOOR 5	105A10	6	"	"	6	P105, CH. 5
"	WHT/BLK	SAT. EXT. 1 HEATER ZONE 7	F12 / DOOR 5	105A10	7	"	"	7	P105, CH. 6
"	RD/BLK	ADAPTER SAT. EXT. 1	F12 / DOOR 5	105A10	8	"	"	8	P105, CH. 7
"	GRN/BLK	COOLING FAN ZONE 1	F12 / DOOR 5	105A10	9	"	"	9	P106, CH. 8
"	ORG/BLK	COOLING FAN ZONE 2	F12 / DOOR 5	105A10	10	"	"	10	P106, CH. 9
"	BLU/BLK	COOLING FAN ZONE 3	F12 / DOOR 5	105A10	11	"	"	11	P106, CH. 10
"	BLK/WHT	COOLING FAN ZONE 4	F12 / DOOR 5	105A10	12	"	"	12	P106, CH. 11
"	RD/WHT	COOLING FAN ZONE 5	F12 / DOOR 5	105A10	13	"	"	13	P106, CH. 12
"	GRN/WHT	COOLING FAN ZONE 6	F12 / DOOR 5	105A10	14	"	"	14	P106, CH. 13
"	BLU/WHT	COOLING FAN ZONE 7	F12 / DOOR 5	105A10	15	"	"	15	P106, CH. 14
"	BLK/RD	FREE	F12 / DOOR 5	105A10	16	"	"	16	P106, CH. 15
"	BLU/RD	FREE	F12 / DOOR 5	107A10	1	"	"	19	P107, CH. 16
"	RD/GRN	SAT. EXT. 1 HEATER ZONE 1	F12 / DOOR 5	107A10	2	"	"	20	P107, CH. 17
"	ORG/GRN	SAT. EXT. 1 HEATER ZONE 2	F12 / DOOR 5	107A10	3	"	"	21	P107, CH. 18
"	BLK/WHT/RD	SAT. EXT. 1 HEATER ZONE 3	F12 / DOOR 5	107A10	4	"	"	22	P107, CH. 19
"	WHT/BLK/RD	SAT. EXT. 1 HEATER ZONE 4	F12 / DOOR 5	107A10	5	"	"	23	P107, CH. 20
"	RD/BLK/WHT	SAT. EXT. 1 HEATER ZONE 5	F12 / DOOR 5	107A10	6	"	"	24	P107, CH. 21
"	GRN/BLK/WHT	SAT. EXT. 1 HEATER ZONE 6	F12 / DOOR 5	107A10	7	"	"	25	P107, CH. 22
"	ORG/BLK/WHT	SAT. EXT. 1 HEATER ZONE 7	F12 / DOOR 5	107A10	8	"	"	26	P107, CH. 23
"	BLU/BLK/WHT	ADAPTER SAT. EXT. 2	F12 / DOOR 5	107A10	9	"	"	27	P108, CH. 24
"	BLK/RD/GRN	COOLING FAN ZONE 1	F12 / DOOR 5	107A10	10	"	"	28	P108, CH. 25
"	WHT/RD/GRN	COOLING FAN ZONE 2	F12 / DOOR 5	107A10	11	"	"	29	P108, CH. 26
"	RD/BLK/GRN	COOLING FAN ZONE 3	F12 / DOOR 5	107A10	12	"	"	30	P108, CH. 27
"	GRN/BLK/ORG	COOLING FAN ZONE 4	F12 / DOOR 5	107A10	13	"	"	31	P108, CH. 28
"	ORG/BLK/GRN	COOLING FAN ZONE 5	F12 / DOOR 5	107A10	14	"	"	32	P108, CH. 29
"	BLU/WHT/ORG	COOLING FAN ZONE 6	F12 / DOOR 5	107A10	15	"	"	33	P108, CH. 30
"	BLK/WHT/ORG	COOLING FAN ZONE 7	F12 / DOOR 5	107A10	16	"	"	34	P108, CH. 31

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INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

# WIRING LIST OF F12 AB PLC UPGRADE

					DRAWING DESCRIPTION	RACK 2 SLOT 6		Page #		261		
								Total				
	1	Add Terminal Number	Charlie Z.	10/11/18	DRAWING NO.		MATERIAL					
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:			SCALE	NONE	UNIT	MM		

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark
			Location	TS#	Term #	Location	TS#	Term #	
R2S7	BLK	HEATING OF DIVERTER	F12 / DOOR 5	109A10	1	DOOR 2 / R2	SLOT 7	1	P109, CH. 0
"	WHT	DIE HEATER ZONE 1	F12 / DOOR 5	109A10	2	"	"	2	P109, CH. 1
"	RD	DIE HEATER ZONE 2	F12 / DOOR 5	109A10	3	"	"	3	P109, CH. 2
"	GRN	DIE HEATER ZONE 3	F12 / DOOR 5	109A10	4	"	"	4	P109, CH. 3
"	ORG	DIE HEATER ZONE 4	F12 / DOOR 5	109A10	5	"	"	5	P109, CH. 4
"	BLU	DIE HEATER ZONE 5	F12 / DOOR 5	109A10	6	"	"	6	P109, CH. 5
"	WHT/BLK	DIE HEATER ZONE 6	F12 / DOOR 5	109A10	7	"	"	7	P109, CH. 6
"	RD/BLK	DIE HEATER ZONE 7	F12 / DOOR 5	109A10	8	"	"	8	P109, CH. 7
"	GRN/BLK	FREE	F12 / DOOR 5	109A10	9	"	"	9	P110, CH. 8
"	ORG/BLK	FREE	F12 / DOOR 5	109A10	10	"	"	10	P110, CH. 9
"	BLU/BLK	FREE	F12 / DOOR 5	109A10	11	"	"	11	P110, CH. 10
"	BLK/WHT	FREE	F12 / DOOR 5	109A10	12	"	"	12	P110, CH. 11
"	RD/WHT	FREE	F12 / DOOR 5	109A10	13	"	"	13	P110, CH. 12
"	GRN/WHT	SAT.ATIC MIXER HEATING	F12 / DOOR 5	109A10	14	"	"	14	P110, CH. 13
"	BLU/WHT	STATIC MIXER CONNECTIONS	F12 / DOOR 5	109A10	15	"	"	15	P110, CH. 14
"	BLK/RD	SAT. 1 HEATING FILTER	F12 / DOOR 5	109A10	16	"	"	16	P110, CH. 15
"	BLU/RD	SAT. 2 HEATING FILTER	F12 / DOOR 5	111A10	1	"	"	19	P111, CH. 16
"	RD/GRN	HYDRAULIC GROUP	F12 / DOOR 5	111A10	2	"	"	20	P111, CH. 17
"	ORG/GRN	HYDRAULIC GROUP	F12 / DOOR 5	111A10	3	"	"	21	P111, CH. 18
"	BLK/WHT/RD	FREE	F12 / DOOR 5	111A10	4	"	"	22	P111, CH. 19
"	WHT/BLK/RD	FREE	F12 / DOOR 5	111A10	5	"	"	23	P111, CH. 20
"	RD/BLK/WHT	FREE	F12 / DOOR 5	111A10	6	"	"	24	P111, CH. 21
"	GRN/BLK/WHT	VACUUM VALVE #1	F12 / DOOR 5	111A10	7	"	"	25	P111, CH. 22
"	ORG/BLK/WHT	DUMP VALVE #1	F12 / DOOR 5	111A10	8	"	"	26	P111, CH. 23
"	BLU/BLK/WHT	VACUUM VALVE #2	F12 / DOOR 5	111A10	9	"	"	27	P112, CH. 24
"	BLK/RD/GRN	DUMP VALVE #2	F12 / DOOR 5	111A10	10	"	"	28	P112, CH. 25
"	WHT/RD/GRN	VACUUM VALVE #3	F12 / DOOR 5	111A10	11	"	"	29	P112, CH. 26
"	RD/BLK/GRN	DUMP VALVE #3	F12 / DOOR 5	111A10	12	"	"	30	P112, CH. 27
"	GRN/BLK/ORG	VACUUM VALVE #4	F12 / DOOR 5	111A10	13	"	"	31	P112, CH. 28
"	ORG/BLK/GRN	DUMP VALVE #4	F12 / DOOR 5	111A10	14	"	"	32	P112, CH. 29
"	BLU/WHT/ORG	VACUUM VALVE #5	F12 / DOOR 5	111A10	15	"	"	33	P112, CH. 30
"	BLK/WHT/ORG	DUMP VALVE #5	F12 / DOOR 5	111A10	16	"	"	34	P112, CH. 31

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 INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.	WIRING LIST OF F12 AB PLC UPGRADE																																						
RAWN BY	Rufus Huang										1	Add Terminal Number	Charlie Z.	10/09/18	DRAWING NO.																								
CHECKED BY	JERRY WU										REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:															SCALE	NONE	UNIT	MM						

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark	
			Location	TS#	Term #	Location	TS#	Term #		
R2S8	BLK	HEATER ZONE 1 EXT. 1	F12 / DOOR 6	X12	901	DOOR 2 / R2	SLOT 8	1	P113, CH. 0	
"	WHT	HEATER ZONE 2 EXT. 1	F12 / DOOR 6	X12	902	"	"	2	P113, CH. 1	
"	RD	HEATER ZONE 3 EXT. 1	F12 / DOOR 6	X12	903	"	"	3	P113, CH. 2	
"	GRN	HEATER ZONE 4 EXT. 1	F12 / DOOR 6	X12	904	"	"	4	P113, CH. 3	
"	ORG	HEATER ZONE 1 EXT. 2	F12 / DOOR 6	X12	905	"	"	5	P113, CH. 4	
"	BLU	HEATER ZONE 2 EXT. 2	F12 / DOOR 6	X12	906	"	"	6	P113, CH. 5	
"	WHT/BLK	HEATER ZONE 3 EXT. 2	F12 / DOOR 6	X12	907	"	"	7	P113, CH. 6	
"	RD/BLK	HEATER ZONE 4 EXT. 2	F12 / DOOR 6	X12	908	"	"	8	P113, CH. 7	
"	GRN/BLK	MELT LINE 1 ZONE 1	F12 / DOOR 6	X12	909	"	"	9	P114, CH. 8	
"	ORG/BLK	MELT LINE 1 ZONE 2	F12 / DOOR 6	X12	910	"	"	10	P114, CH. 9	
"	BLU/BLK	MELT LINE 1 ZONE 3	F12 / DOOR 6	X12	911	"	"	11	P114, CH. 10	
"	BLK/WHT	MELT LINE 1 ZONE 4	F12 / DOOR 6	X12	912	"	"	12	P114, CH. 11	
"	RD/WHT	FILTER ZONE 1	F12 / DOOR 6	X12	913	"	"	13	P114, CH. 12	
"	GRN/WHT	FILTER ZONE 2	F12 / DOOR 6	X12	914	"	"	14	P114, CH. 13	
"	BLU/WHT	FILTER ZONE 3	F12 / DOOR 6	X12	915	"	"	15	P114, CH. 14	
"	BLK/RD	ADAPTER	F12 / DOOR 6	X12	916	"	"	16	P114, CH. 15	
"	BLU/RD	FILTER ZONE 1	F12 / DOOR 6	X12	919	"	"	19	P115, CH. 16	
"	RD/GRN	FILTER ZONE 2	F12 / DOOR 6	X12	920	"	"	20	P115, CH. 17	
"	ORG/GRN	FILTER ZONE 3	F12 / DOOR 6	X12	921	"	"	21	P115, CH. 18	
"	BLK/WHT/RD	ADAPTER	F12 / DOOR 6	X12	922	"	"	22	P115, CH. 19	
"	WHT/BLK/RD	FREE	F12 / DOOR 6	X12	923	"	"	23	P115, CH. 20	
"	RD/BLK/WHT	FREE	F12 / DOOR 6	X12	924	"	"	24	P115, CH. 21	
"	GRN/BLK/WHT	FREE	F12 / DOOR 6	X12	925	"	"	25	P115, CH. 22	
"	ORG/BLK/WHT	FREE	F12 / DOOR 6	X12	926	"	"	26	P115, CH. 23	
"	BLU/BLK/WHT	SAT. EXT. 1 ZONE 1	F12 / DOOR 6	X12	929	"	"	27	P116, CH. 24	
"	BLK/RD/GRN	SAT. EXT. 1 ZONE 2	F12 / DOOR 6	X12	930	"	"	28	P116, CH. 25	
"	WHT/RD/GRN	SAT. EXT. 1 ZONE 3	F12 / DOOR 6	X12	931	"	"	29	P116, CH. 26	
"	RD/BLK/GRN	SAT. EXT. 1 ZONE 4	F12 / DOOR 6	X12	932	"	"	30	P116, CH. 27	
"	GRN/BLK/ORG	SAT. EXT. 1 ZONE 5	F12 / DOOR 6	X12	933	"	"	31	P116, CH. 28	
"	ORG/BLK/GRN	SAT. EXT. 1 ZONE 6	F12 / DOOR 6	X12	934	"	"	32	P116, CH. 29	
"	BLU/WHT/ORG	SAT. EXT. 1 ZONE 7	F12 / DOOR 6	X12	935	"	"	33	P116, CH. 30	
"	BLK/WHT/ORG	ADAPTER SAT. EXT. 1	F12 / DOOR 6	X12	936	"	"	34	P116, CH. 31	

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DRAWN BY	Rufus Huang	WIRING LIST OF F12 AB PLC UPGRADE	1	Add Terminal Number	Charlie Z.	10/04/18	DRAWING NO.	RACK 2 SLOT 8	Page #		263					
									REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	MATERIAL	Total	
CHECKED BY	JERRY WU												SCALE	NONE	UNIT	MM

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
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Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark	
			Location	TS#	Term #	Location	TS#	Term #		
R2S9	BLK	SAT. EXT. 2 ZONE 1	F12 / DOOR 6	X12	939	DOOR 2 / R2	SLOT 9	1	P117, CH. 0	
"	WHT	SAT. EXT. 2 ZONE 2	F12 / DOOR 6	X12	940	"	"	2	P117, CH. 1	
"	RD	SAT. EXT. 2 ZONE 3	F12 / DOOR 6	X12	941	"	"	3	P117, CH. 2	
"	GRN	SAT. EXT. 2 ZONE 4	F12 / DOOR 6	X12	942	"	"	4	P117, CH. 3	
"	ORG	SAT. EXT. 2 ZONE 5	F12 / DOOR 6	X12	943	"	"	5	P117, CH. 4	
"	BLU	SAT. EXT. 2 ZONE 6	F12 / DOOR 6	X12	944	"	"	6	P117, CH. 5	
"	WHT/BLK	SAT. EXT. 2 ZONE 7	F12 / DOOR 6	X12	945	"	"	7	P117, CH. 6	
"	RD/BLK	ADAPTER SAT. EXT. 1	F12 / DOOR 6	X12	946	"	"	8	P117, CH. 7	
"	GRN/BLK	FREE	F12 / DOOR 6	X12	947	"	"	9	P118, CH. 8	
"	ORG/BLK	FREE	F12 / DOOR 6	X12	948	"	"	10	P118, CH. 9	
"	BLU/BLK	FREE	F12 / DOOR 6	X12	949	"	"	11	P118, CH. 10	
"	BLK/WHT	FREE	F12 / DOOR 6	X12	950	"	"	12	P118, CH. 11	
"	RD/WHT	HEATING OF DIVERTER	F12 / DOOR 6	X12	953	"	"	13	P118, CH. 12	
"	GRN/WHT	DIE HEATER ZONE 1	F12 / DOOR 6	X12	954	"	"	14	P118, CH. 13	
"	BLU/WHT	DIE HEATER ZONE 2	F12 / DOOR 6	X12	955	"	"	15	P118, CH. 14	
"	BLK/RD	DIE HEATER ZONE 3	F12 / DOOR 6	X12	956	"	"	16	P118, CH. 15	
"	BLU/RD	DIE HEATER ZONE 4	F12 / DOOR 6	X12	957	"	"	19	P119, CH. 16	
"	RD/GRN	DIE HEATER ZONE 5	F12 / DOOR 6	X12	958	"	"	20	P119, CH. 17	
"	ORG/GRN	DIE HEATER ZONE 6	F12 / DOOR 6	X12	959	"	"	21	P119, CH. 18	
"	BLK/WHT/RD	DIE HEATER ZONE 7	F12 / DOOR 6	X12	960	"	"	22	P119, CH. 19	
"	WHT/BLK/RD	STATIC MIXER HEATING	F12 / DOOR 6	X12	961	"	"	23	P119, CH. 20	
"	RD/BLK/WHT	STATIC MIXER CONNECTIONS	F12 / DOOR 6	X12	962	"	"	24	P119, CH. 21	
"	GRN/BLK/WHT	SAT. 1 HEATING FILTER	F12 / DOOR 6	X12	963	"	"	25	P119, CH. 22	
"	ORG/BLK/WHT	SAT. 2 HEATING FILTER	F12 / DOOR 6	X12	964	"	"	26	P119, CH. 23	
"	BLU/BLK/WHT	MAIN EXT. STATIC MIXER ON XEO	F12 / DOOR 6	X12	965	"	"	27	P120, CH. 24	
"	BLK/RD/GRN	FREE	F12 / DOOR 6	X12	966	"	"	28	P120, CH. 25	
"	WHT/RD/GRN	FREE	F12 / DOOR 6	X12	967	"	"	29	P120, CH. 26	
"	RD/BLK/GRN	FREE	F12 / DOOR 6	X12	968	"	"	30	P120, CH. 27	
"	GRN/BLK/ORG	FREE	F12 / DOOR 6	X12	970	"	"	31	P120, CH. 28	
"	ORG/BLK/GRN	FREE	F12 / DOOR 6	X12	972	"	"	32	P120, CH. 29	
"	BLU/WHT/ORG	FREE	F12 / DOOR 6	X12	974	"	"	33	P120, CH. 30	
"	BLK/WHT/ORG	FREE	F12 / DOOR 6	X12	976	"	"	34	P120, CH. 31	

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	INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.	WIRING LIST OF F12 AB PLC UPGRADE					DRAWING DESCRIPTION	RACK 2 SLOT 9	Page #	264		
									Total			
DRAWN BY	Rufus Huang		1	Add Terminal Number	Charlie Z.	10/10/18	DRAWING NO.		MATERIAL			
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:		SCALE	NONE	UNIT	MM

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Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark	
			Location	TS#	Term #	Location	TS#	Term #		
R2S10	BLK	START/STOP, HOMO	F12 / DOOR 5	121A10	1	DOOR 2 / R2	SLOT 10	1	P121, CH. 0	
"	WHT	START/STOP, RECLAIM	F12 / DOOR 5	121A10	2	"	"	2	P121, CH. 1	
"	RD	START/STOP, SAT. 1 COPO	F12 / DOOR 5	121A10	3	"	"	3	P121, CH. 2	
"	GRN	START/STOP, SAT.2 COPO	F12 / DOOR 5	121A10	4	"	"	4	P121, CH. 3	
"	ORG	HOMOPOLYMER SILO, DRYER	F12 / DOOR 5	121A10	5	"	"	5	P121, CH. 4	
"	BLU	RECLAIM MATERIAL, DRYER	F12 / DOOR 5	121A10	6	"	"	6	P121, CH. 5	
"	WHT/BLK	COPOLYMER SILO, DRYER	F12 / DOOR 5	121A10	7	"	"	7	P121, CH. 6	
"	RD/BLK	COPOLYMER SILO, DRYER	F12 / DOOR 5	121A10	8	"	"	8	P121, CH. 7	
"	GRN/BLK	SAT. EXT. 1 HOPPER	F12 / DOOR 5	121A10	9	"	"	9	P122, CH. 8	
"	ORG/BLK	SAT. EXT. 1 HOPPER	F12 / DOOR 5	121A10	10	"	"	10	P122, CH. 9	
"	BLU/BLK	COPOLYMER SILO DRYER	F12 / DOOR 5	121A10	11	"	"	11	P122, CH. 10	
"	BLK/WHT	COPOLYMER SILO DRYER	F12 / DOOR 5	121A10	12	"	"	12	P122, CH. 11	
"	RD/WHT	SAT. EXT. 2 HOPPER	F12 / DOOR 5	121A10	13	"	"	13	P122, CH. 12	
"	GRN/WHT	SAT. EXT. 2 HOPPER	F12 / DOOR 5	121A10	14	"	"	14	P122, CH. 13	
"	BLU/WHT	HOMOPOLYMER SILO DRYER	F12 / DOOR 5	121A10	15	"	"	15	P122, CH. 14	
"	BLK/RD	RECLAIM MATERIAL DRYER	F12 / DOOR 5	121A10	16	"	"	16	P122, CH. 15	
"	BLU/RD	FREE	F12 / DOOR 5	123A10	1	"	"	19	P123, CH. 16	
"	RD/GRN	FREE	F12 / DOOR 5	123A10	2	"	"	20	P123, CH. 17	
"	ORG/GRN	FREE	F12 / DOOR 5	123A10	3	"	"	21	P123, CH. 18	
"	BLK/WHT/RD	FREE	F12 / DOOR 5	123A10	4	"	"	22	P123, CH. 19	
"	WHT/BLK/RD	FREE	F12 / DOOR 5	123A10	5	"	"	23	P123, CH. 20	
"	RD/BLK/WHT	FREE	F12 / DOOR 5	123A10	6	"	"	24	P123, CH. 21	
"	GRN/BLK/WHT	FREE	F12 / DOOR 5	123A10	7	"	"	25	P123, CH. 22	
"	ORG/BLK/WHT	FREE	F12 / DOOR 5	123A10	8	"	"	26	P123, CH. 23	
"	BLU/BLK/WHT	FREE	F12 / DOOR 5	123A10	9	"	"	27	P124, CH. 24	
"	BLK/RD/GRN	FREE	F12 / DOOR 5	123A10	10	"	"	28	P124, CH. 25	
"	WHT/RD/GRN	FREE	F12 / DOOR 5	123A10	11	"	"	29	P124, CH. 26	
"	RD/BLK/GRN	FREE	F12 / DOOR 5	123A10	12	"	"	30	P124, CH. 27	
"	GRN/BLK/ORG	FREE	F12 / DOOR 5	123A10	13	"	"	31	P124, CH. 28	
"	ORG/BLK/GRN	FREE	F12 / DOOR 5	123A10	14	"	"	32	P124, CH. 29	
"	BLU/WHT/ORG	FREE	F12 / DOOR 5	123A10	15	"	"	33	P124, CH. 30	
"	BLK/WHT/ORG	FREE	F12 / DOOR 5	123A10	16	"	"	34	P124, CH. 31	

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 INTEPLAST GROUP, Ltd.  
AMTOPP DIV. M/E DEPT.

WIRING LIST OF F12 AB PLC  
UPGRADE

DRAWN BY	Rufus Huang	REV. NO	Add Terminal Number	Charlie Z.	10/15/18	DRAWING NO.	DRAWN DATE:	Page #			
								Total	MATERIAL		
CHECKED BY	JERRY WU	REV. DESCRIPTION	REV. BY:	REV. DATE				SCALE	NONE	UNIT	MM

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Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark
			Location	TS#	Term #	Location	TS#	Term #	
R2S11	BLK	FEEDING VALVE OPEN	F12 / DOOR 5	125A10	1	DOOR 2 / R2	SLOT 11	1	P125, CH. 0
"	WHT	HIGH LEVEL HOMOPOL. SILO	F12 / DOOR 5	125A10	2	"	"	2	P125, CH. 1
"	RD	HIGH LEVEL RECLAIM MAT	F12 / DOOR 5	125A10	3	"	"	3	P125, CH. 2
"	GRN	HIGH LEVEL COPOL SAT. 1	F12 / DOOR 5	125A10	4	"	"	4	P125, CH. 3
"	ORG	HIGH LEVEL COPOL SAT. 2	F12 / DOOR 5	125A10	5	"	"	5	P125, CH. 4
"	BLU	COOLING FEEDING ZONE EXT. 2	F12 / DOOR 5	125A10	6	"	"	6	P125, CH. 5
"	WHT/BLK	EXHAUST SOLENOID VALVE CONNAIR	F12 / DOOR 5	125A10	7	"	"	7	P125, CH. 6
"	RD/BLK	FREE	F12 / DOOR 5	125A10	8	"	"	8	P125, CH. 7
"	GRN/BLK	REMOTE START	F12 / DOOR 5	125A10	9	"	"	9	P126, CH. 8
"	ORG/BLK	REMOTE STOP	F12 / DOOR 5	125A10	10	"	"	10	P126, CH. 9
"	BLU/BLK	REMOTE START	F12 / DOOR 5	125A10	11	"	"	11	P126, CH. 10
"	BLK/WHT	REMOTE STOP	F12 / DOOR 5	125A10	12	"	"	12	P126, CH. 11
"	RD/WHT	REMOTE START	F12 / DOOR 5	125A10	13	"	"	13	P126, CH. 12
"	GRN/WHT	REMOTE STOP	F12 / DOOR 5	125A10	14	"	"	14	P126, CH. 13
"	BLU/WHT	REMOTE START	F12 / DOOR 5	125A10	15	"	"	15	P126, CH. 14
"	BLK/RD	REMOTE STOP	F12 / DOOR 5	125A10	16	"	"	16	P126, CH. 15
"	BLU/RD	FEEDING VALVE	F12 / DOOR 5	127A10	1	"	"	19	P127, CH. 16
"	RD/GRN	ADDITIVE PUMPFILTER RIGHT BAG	F12 / DOOR 5	127A10	2	"	"	20	P127, CH. 17
"	ORG/GRN	SECONDARY MELTLINE 1 PART	F12 / DOOR 5	127A10	3	"	"	21	P127, CH. 18
"	BLK/WHT/RD	SECONDARY METLINE 2 PART	F12 / DOOR 5	127A10	4	"	"	22	P127, CH. 19
"	WHT/BLK/RD	MELT LINE SAT. EXT. 1	F12 / DOOR 5	127A10	5	'	'	23	P127, CH. 20
"	RD/BLK/WHT	MELT LINE SAT. EXT. 2	F12 / DOOR 5	127A10	6	"	"	24	P127, CH. 21
"	GRN/BLK/WHT	COOL. EXT. 1 FEEDING ZONE	F12 / DOOR 5	127A10	7	"	"	25	P127, CH. 22
"	ORG/BLK/WHT	COOLING EXT. 1 ZONE 1	F12 / DOOR 5	127A10	8	"	"	26	P127, CH. 23
"	BLU/BLK/WHT	COOLING EXT. 1 ZONE 2	F12 / DOOR 5	127A10	9	"	"	27	P128, CH. 0
"	BLK/RD/GRN	COOLING EXT. 1 ZONE 3	F12 / DOOR 5	127A10	10	"	"	28	P128, CH. 1
"	WHT/RD/GRN	COOLING EXT. 1 ZONE 4	F12 / DOOR 5	127A10	11	"	"	29	P128, CH. 2
"	RD/BLK/GRN	CONNAIR LEFT BAG	F12 / DOOR 5	127A10	12	"	"	30	P128, CH. 3
"	GRN/BLK/ORG	COOLING EXTR. 2 ZONE 1	F12 / DOOR 5	127A10	13	"	"	31	P128, CH. 4
"	ORG/BLK/GRN	COOLING EXTR. 2 ZONE 2	F12 / DOOR 5	127A10	14	"	"	32	P128, CH. 5
"	BLU/WHT/ORG	COOLING EXTR. 2 ZONE 3	F12 / DOOR 5	127A10	15	"	"	33	P128, CH. 6
"	BLK/WHT/ORG	COOLING EXTR. 2 ZONE 4	F12 / DOOR 5	127A10	16	"	"	34	P128, CH. 7

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	INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		WIRING LIST OF F12 AB PLC UPGRADE																DRAWING DESCRIPTION		RACK 2 SLOT 11		Page #		266														
DRAWN BY	Rufus Huang																		Total																				
CHECKED BY	JERRY WU								1		Add Terminal Number		Charlie Z.		10/10/18		DRAWING NO.				MATERIAL																		
									REV. NO		REV. DESCRIPTION		REV. BY:		REV. DATE		DRAWN DATE:				SCALE		NONE		UNIT		MM												