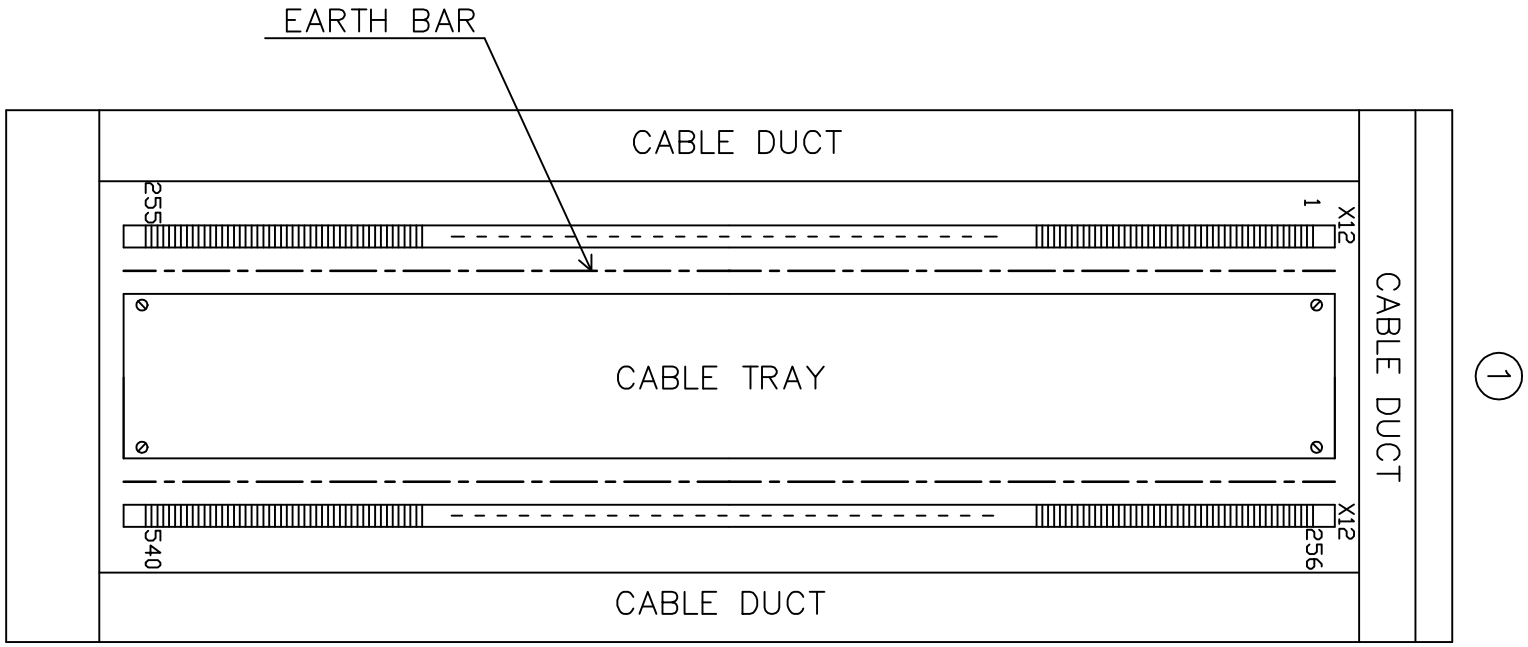

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL INPUT					DRAWING DESCRIPTION	KF023 F12	Page #	1			
								Total				
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/07/19	DRAWING NO.		MATERIAL				
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	11-27-2012	SCALE	NONE	UNIT	MM	

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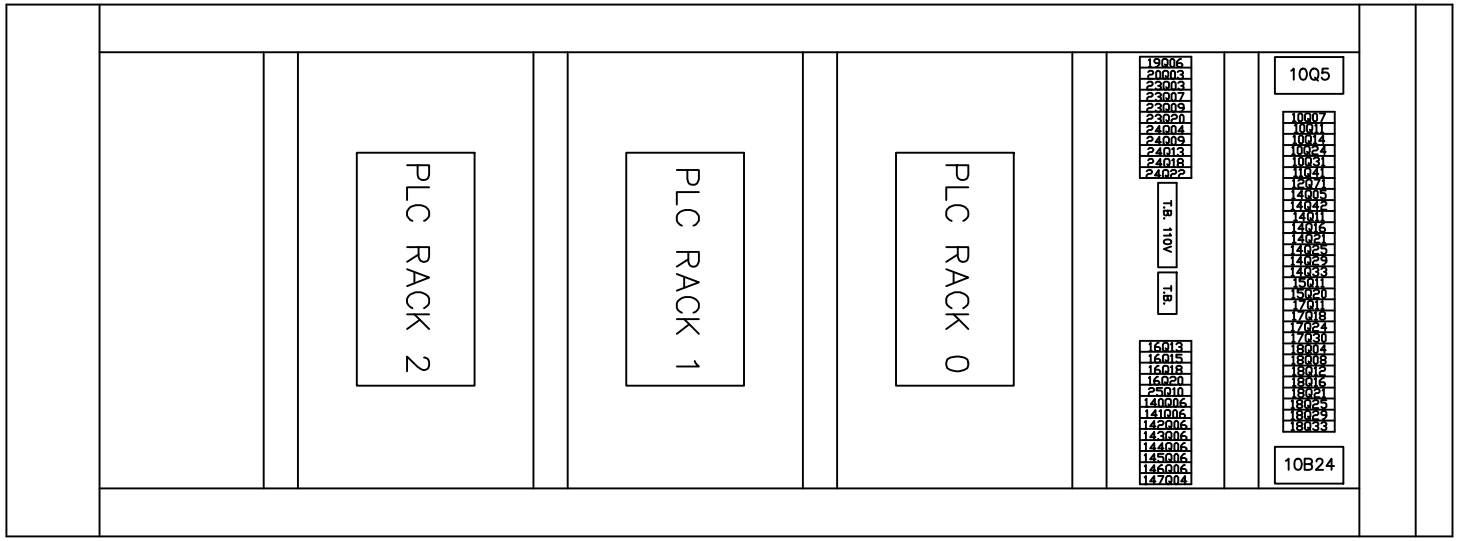

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00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL INPUT					DRAWING DESCRIPTION	KF023 F12	Page #	2				
								Total					
DRAWN BY Rufus Huang		1	Add Terminal Number	Charlie Z.	05/07/19	DRAWING NO.		MATERIAL					
CHECKED BY JERRY WU	REV. NO	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	11-27-2012	SCALE	NONE	UNIT	MM		

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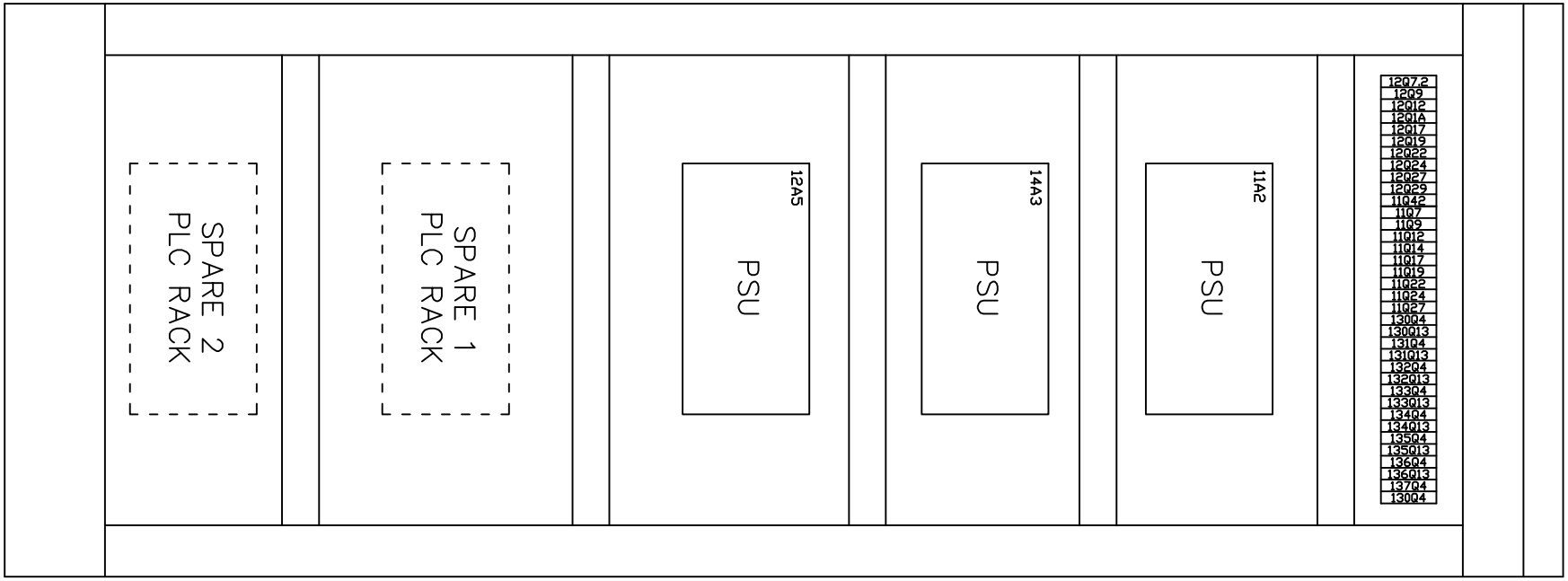

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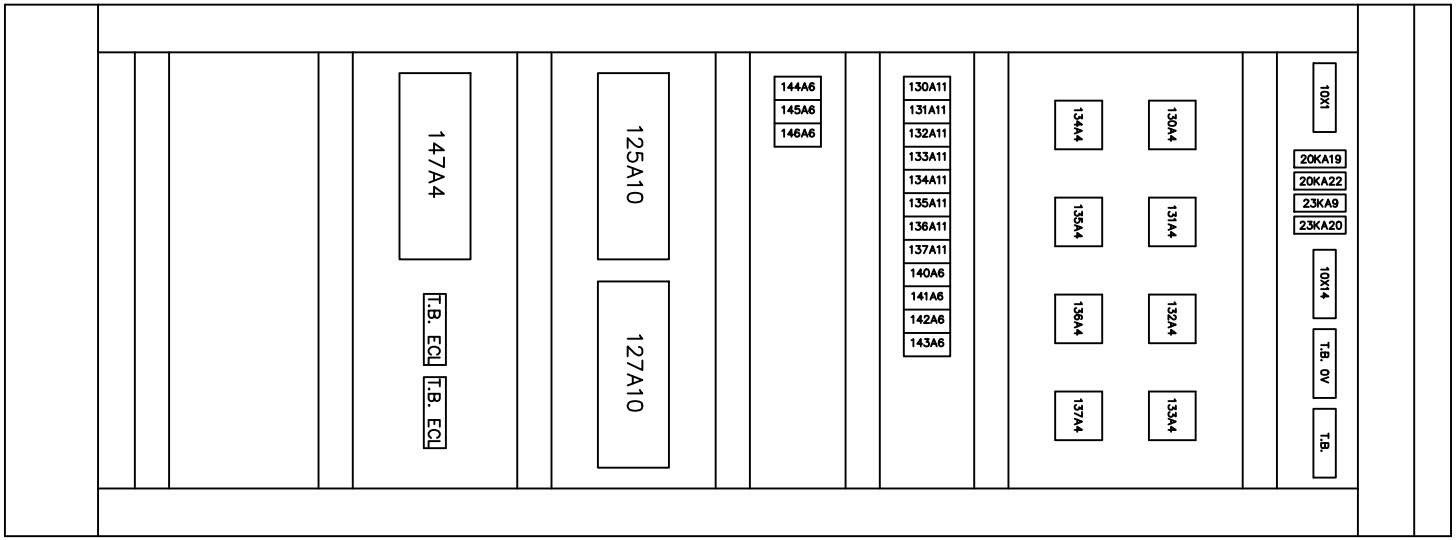
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line2 32 P.L.C. DIGITAL INPUT						DRAWING DESCRIPTION	KF023 F12		Page #	3			
											Total				
DRAWN BY	Rufus Huang		1	Add Terminal Number	Charlie Z.	05/07/19		DRAWING NO.			MATERIAL				
CHECKED BY	JERRY WU	REV. NO	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE		DRAWN DATE:	11-27-2012		SCALE	NONE	UNIT	MM	



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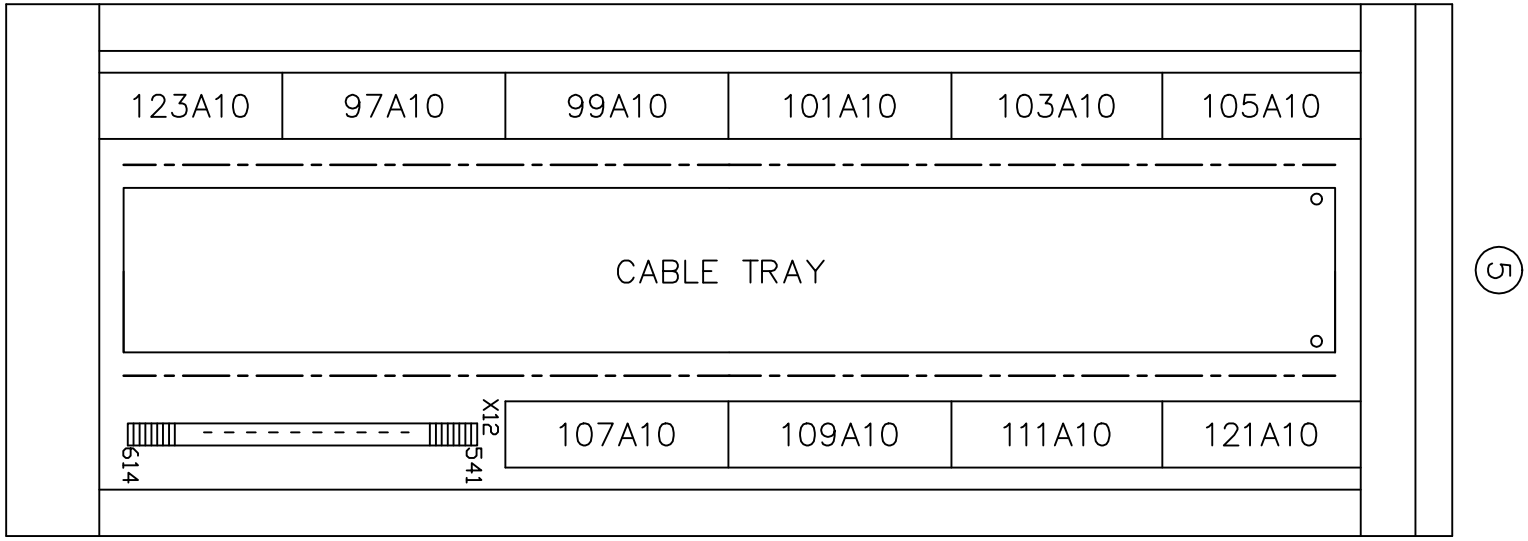
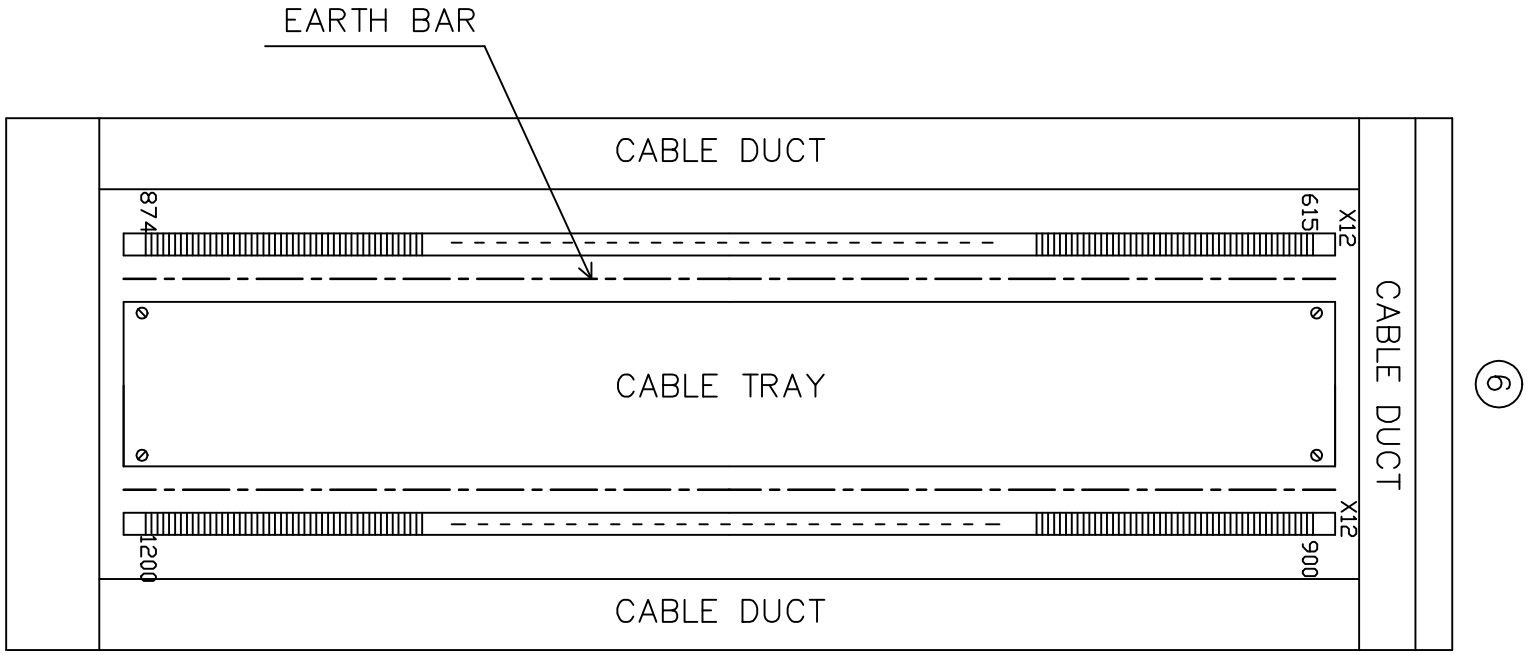
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL INPUT					DRAWING DESCRIPTION	KF023 F12	Page #	4		
								Total			
DRAWN BY Rufus Huang		1	Add Terminal Number	Charlie Z.	05/07/19	DRAWING NO.		MATERIAL			
CHECKED BY JERRY WU	REV. NO	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	11-27-2012	SCALE	NONE	UNIT	MM



Reference to /237~241

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL INPUT					DRAWING DESCRIPTION	KF023 F12	Page #	5			
								Total				
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/07/19	DRAWING NO.		MATERIAL				
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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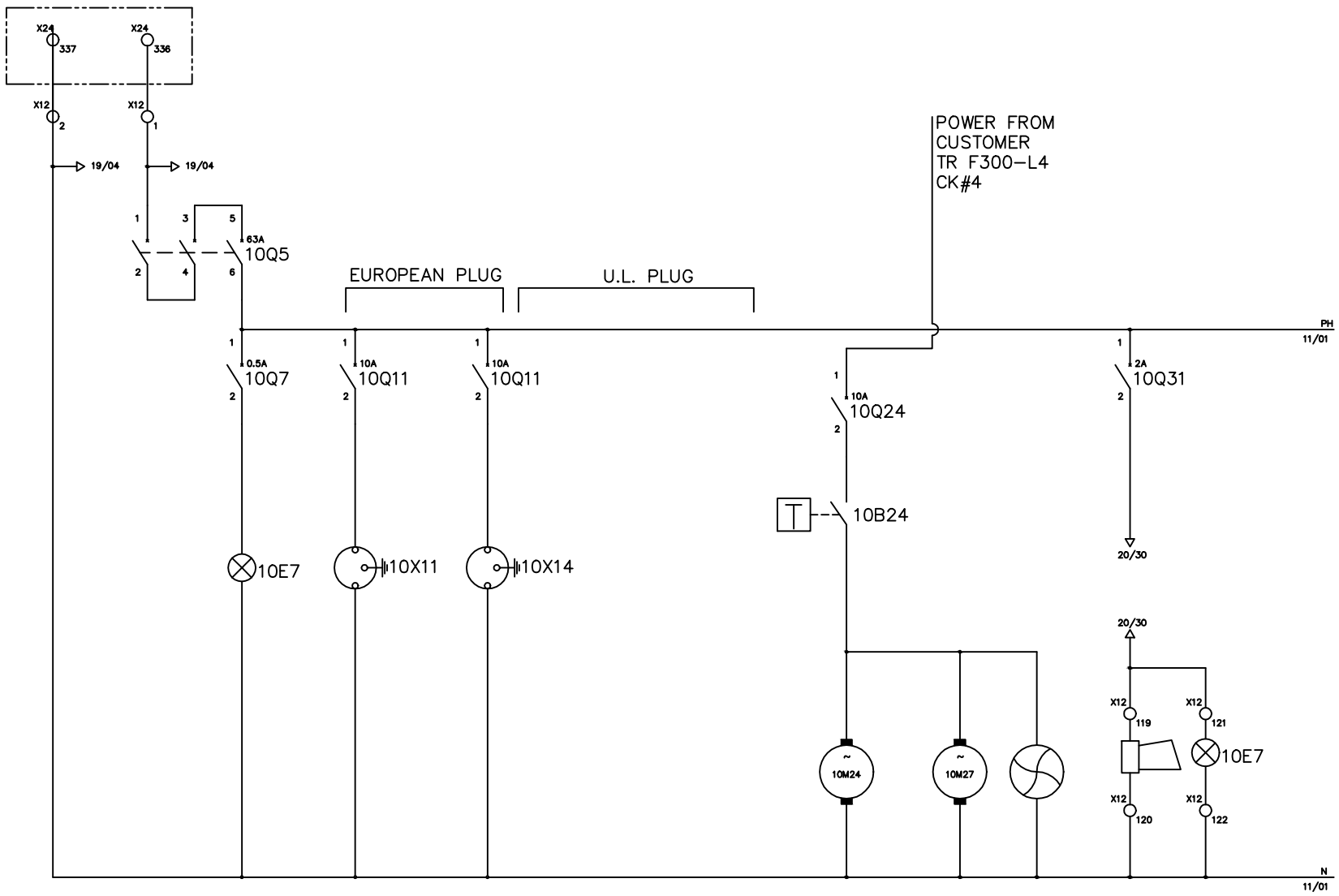
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL INPUT					DRAWING DESCRIPTION	KF023 F12	Page #	6		
								Total			
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/07/19	DRAWING NO.		MATERIAL			
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	11-27-2012	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

	VOLTAGE ON	PROGRAMMINGY UNIT	MONITOR		DOOR FAN5	HORN EMERG.STOP	



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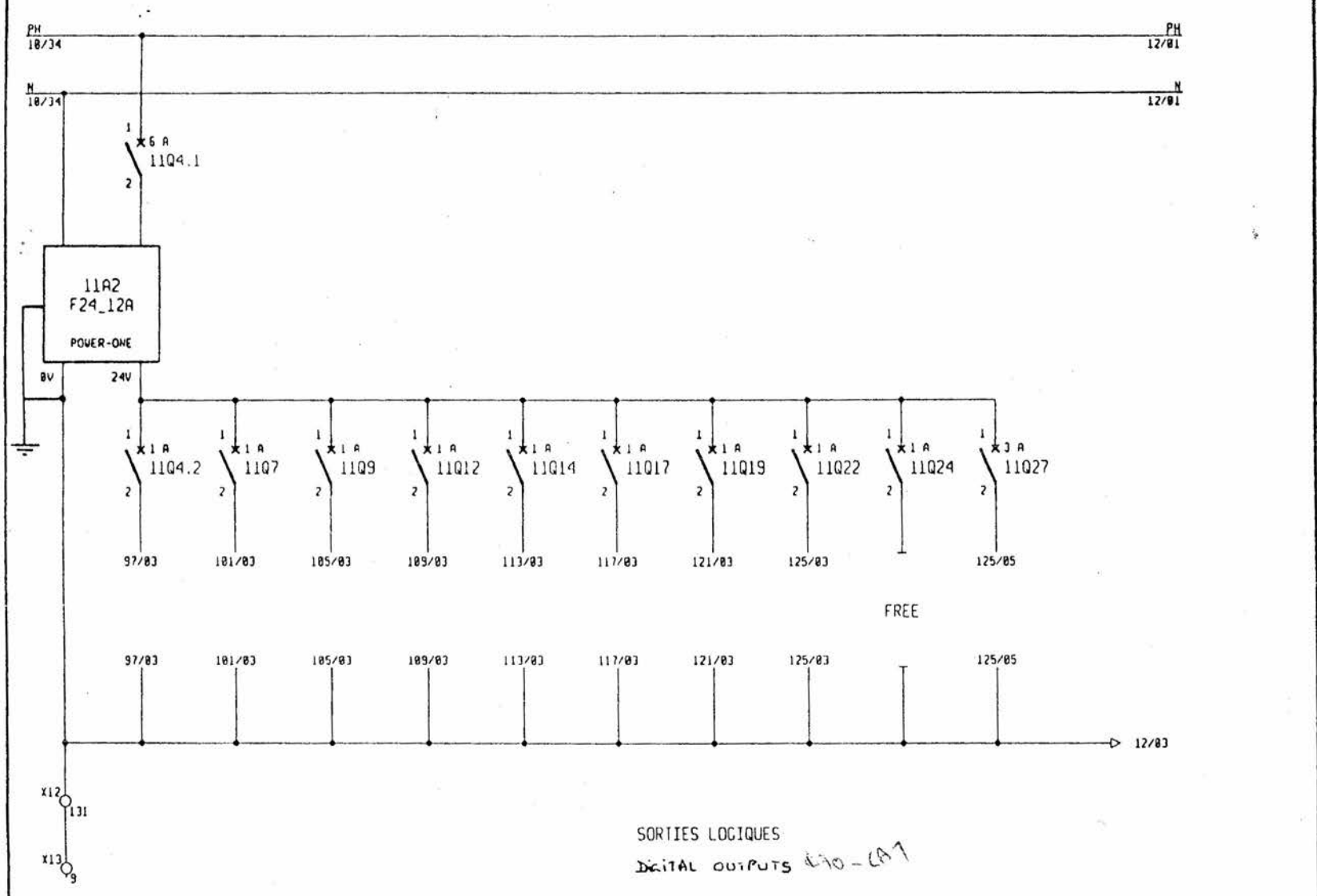
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		LINE1 SUPPLY					DRAWING DESCRIPTION	KF023 F12	Page #	10		
									Total			
DRAWN BY	Charlie Zhang		1		Edwin Lee	06/17/20	DRAWING NO.		MATERIAL			
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-23-2019	SCALE	NONE	UNIT	MM

LIGHT SUPPLY



C	FINAL START-UP	06/24/95	MEN
B			
A			

FOLIO 11

N° KF023

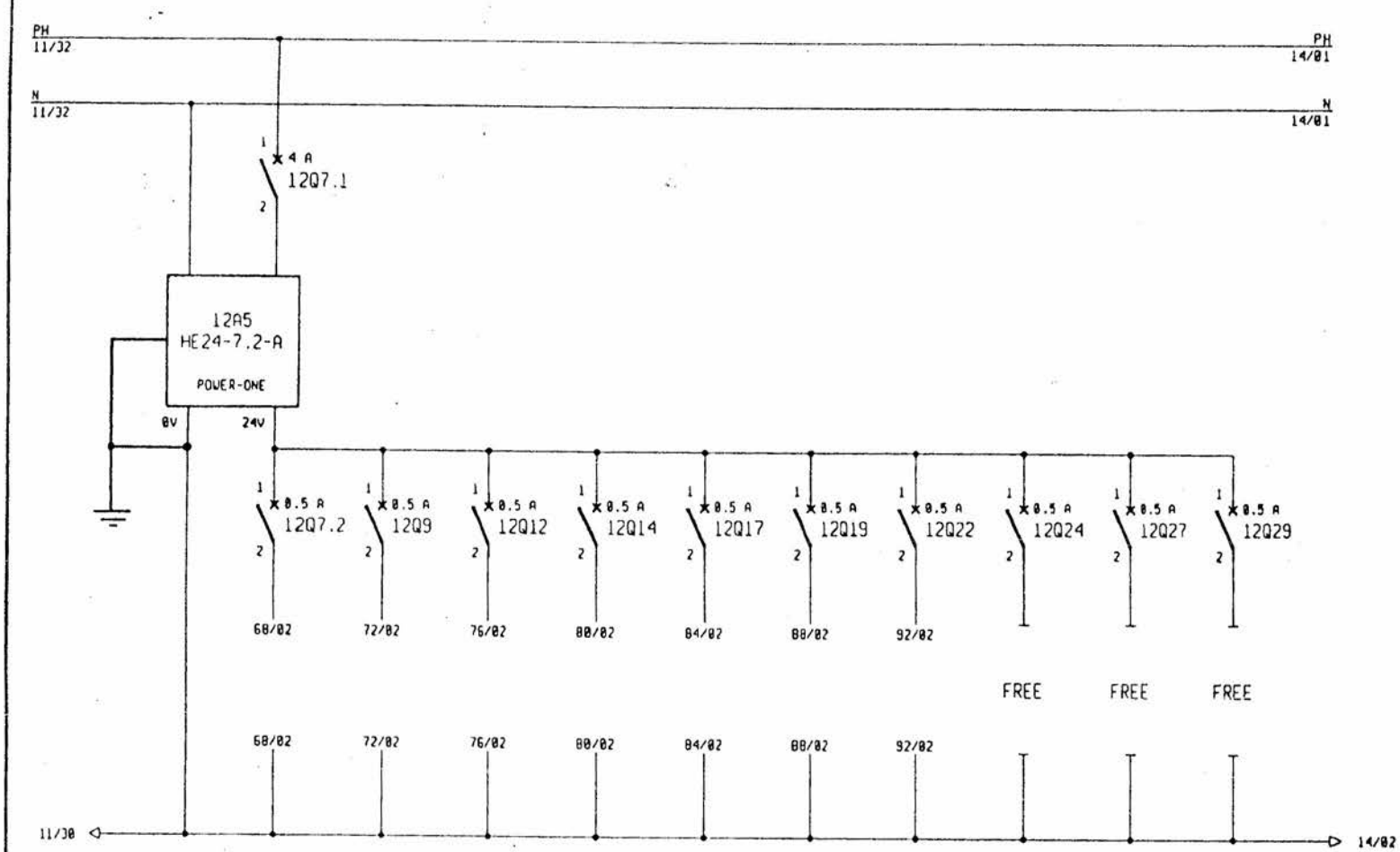
9012E-05

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

DIGITAL OUTPUT SUPPLY

CLIENT : F.P.C

cellier



ENTREES LOGIQUES

DIGITAL INPUTS 081 – 087

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	FINAL START-UP	06/24/93	MCM
B			
A			

FOLIO 12

N° KF023 9012E-05

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

DIGITAL INPUT SUPPLY

CLIENT : F.P.C

celliez

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

F
E
D

FOLIO 13

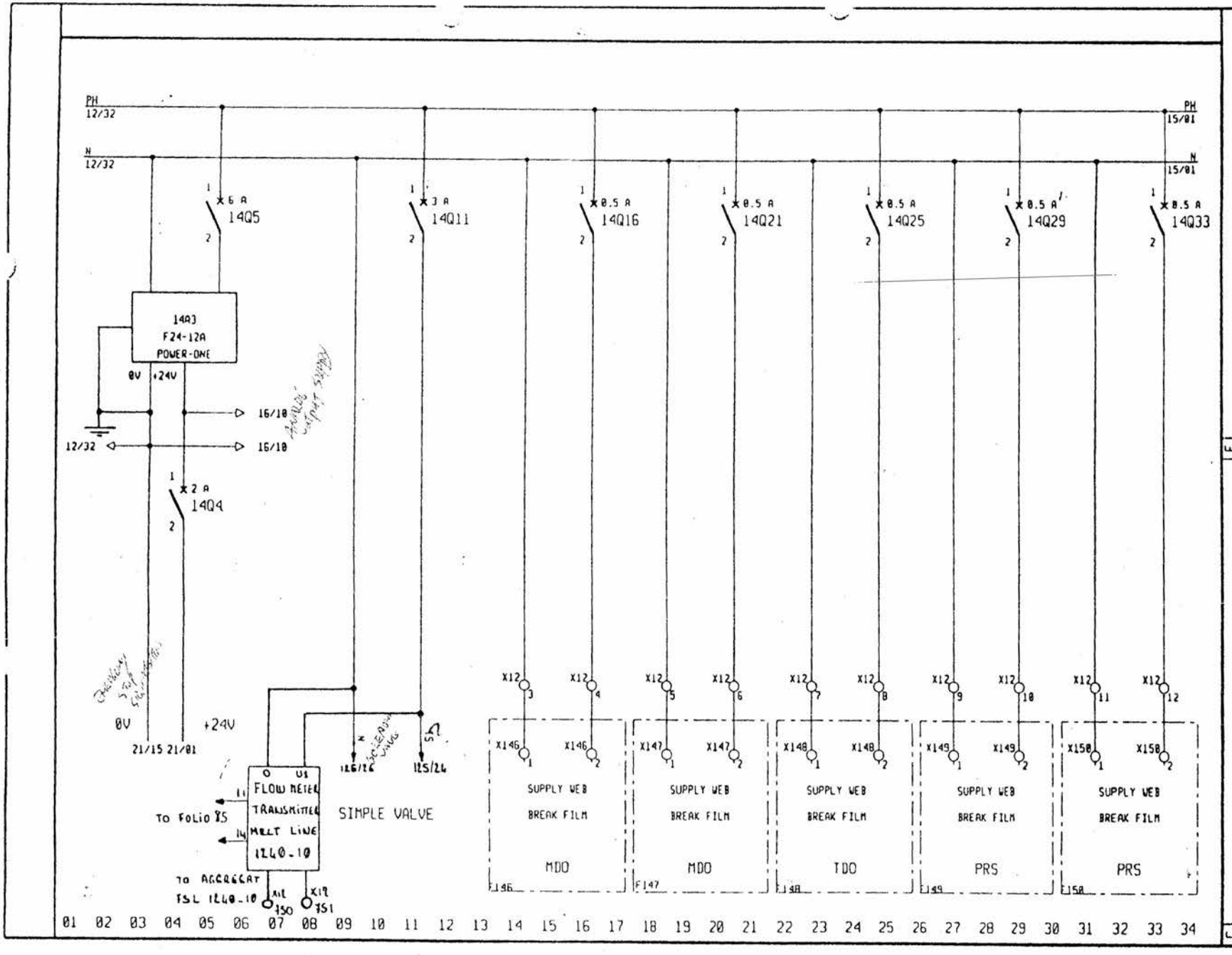
N° KF023 9012E-05

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

FREE

CLIENT : F.P.C

cellier



FOLIO 14

KF023

9012E-05

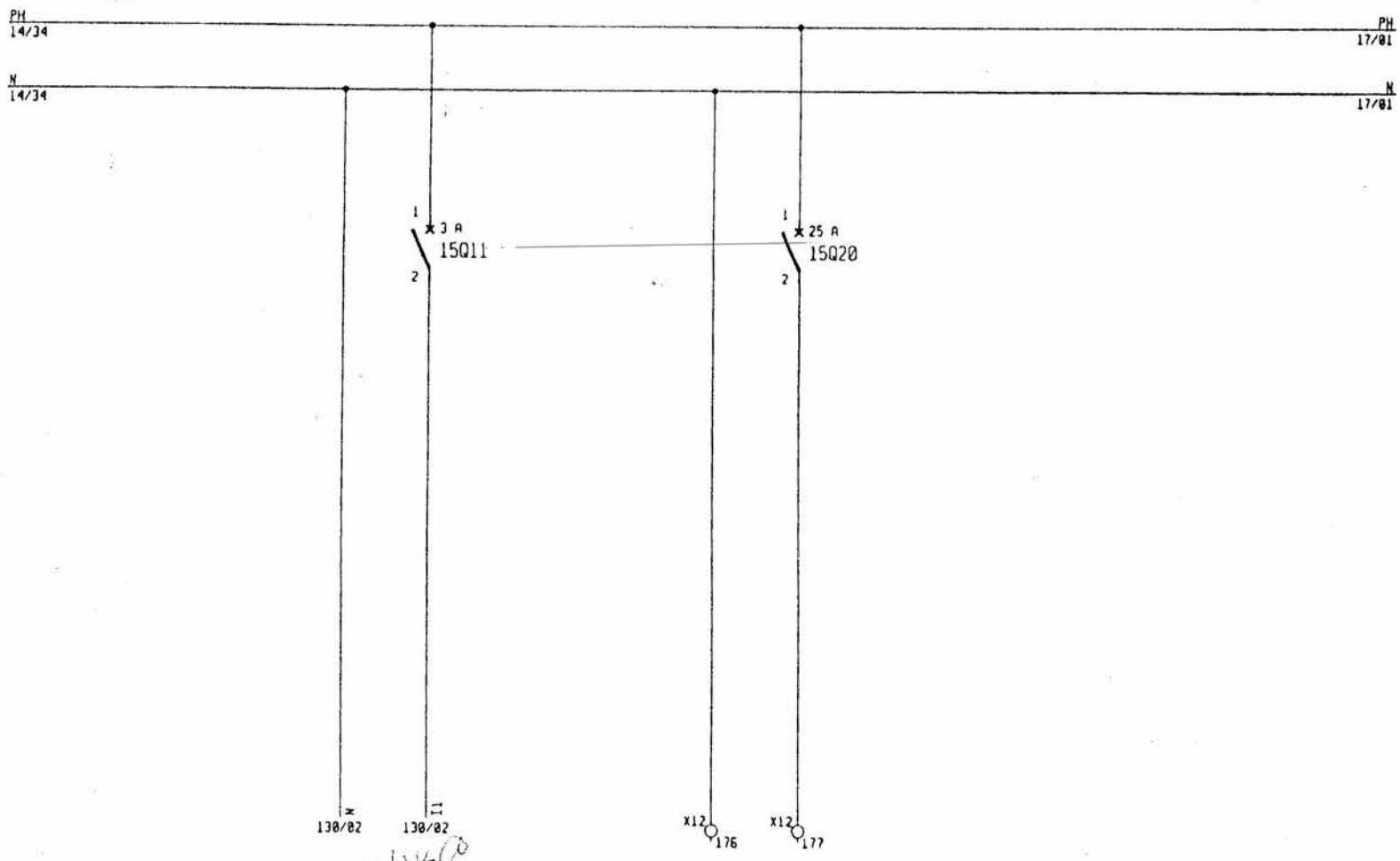
DESSINE PAR D.P.
VERIFIE PAR P.V.
LE
LE

SUPPLY

FINAL START-UP 06/24/93 MCM

CLIENT : F.P.C

cellier



F 20

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

FINAL START-UP 06/24/93 HCM

F E D

FOLIO 15

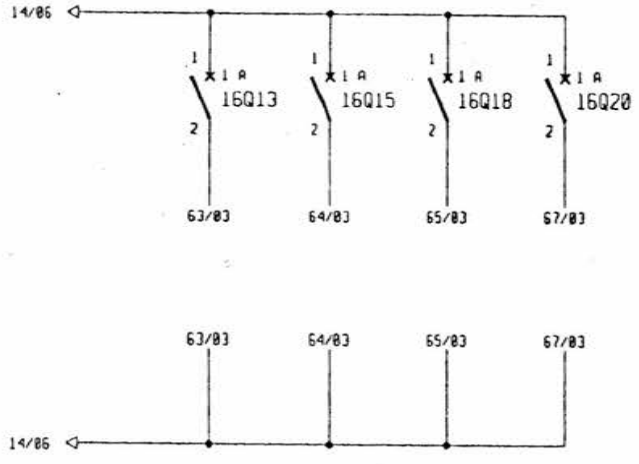
N° KF023 9012E-05

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

SUPPLY

CLIENT : F.P.C

cellier



ANALOG OUTPUT C6.5 - C8.0

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 F E D

CLIENT : F.P.C

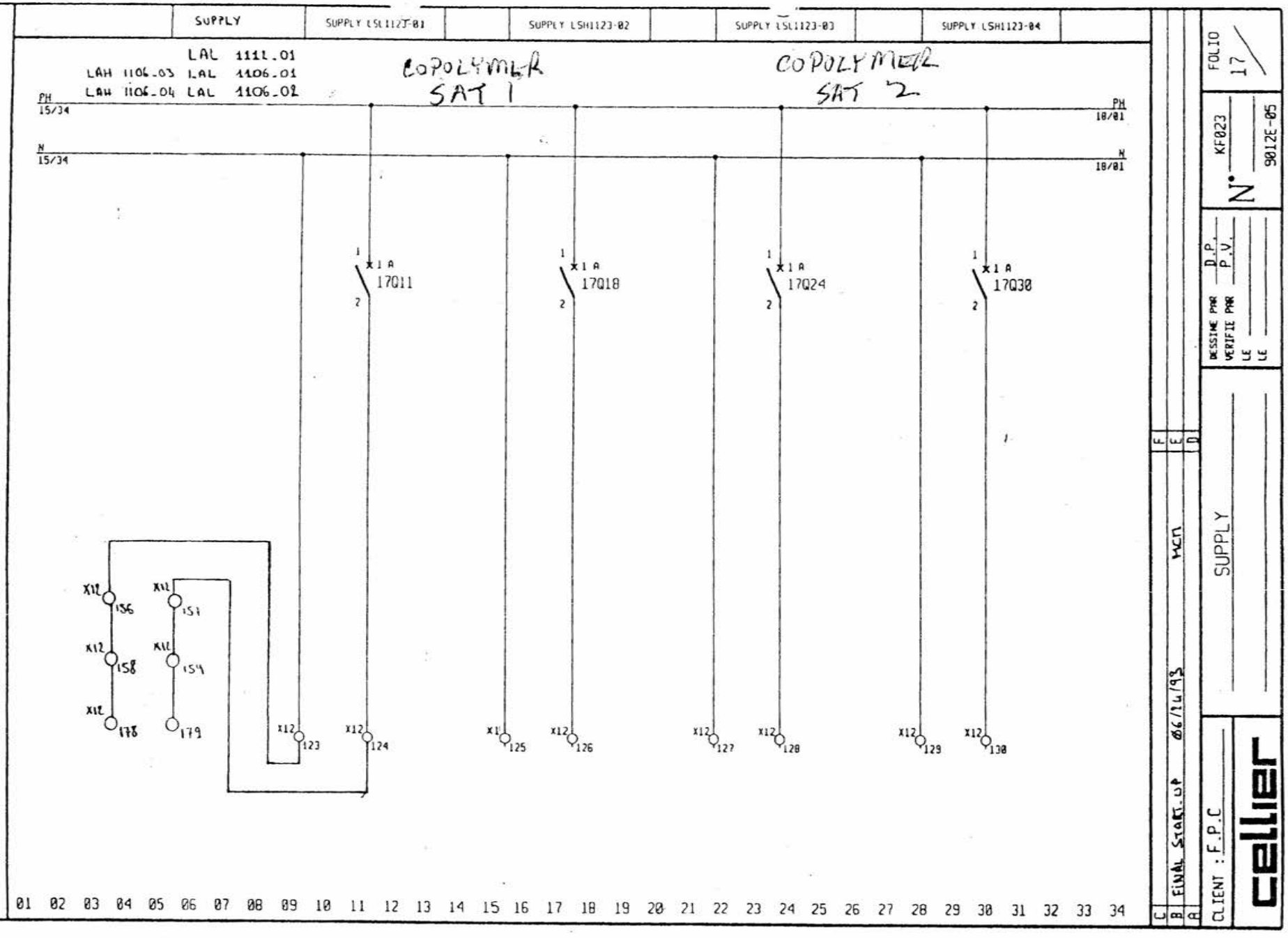
cellier

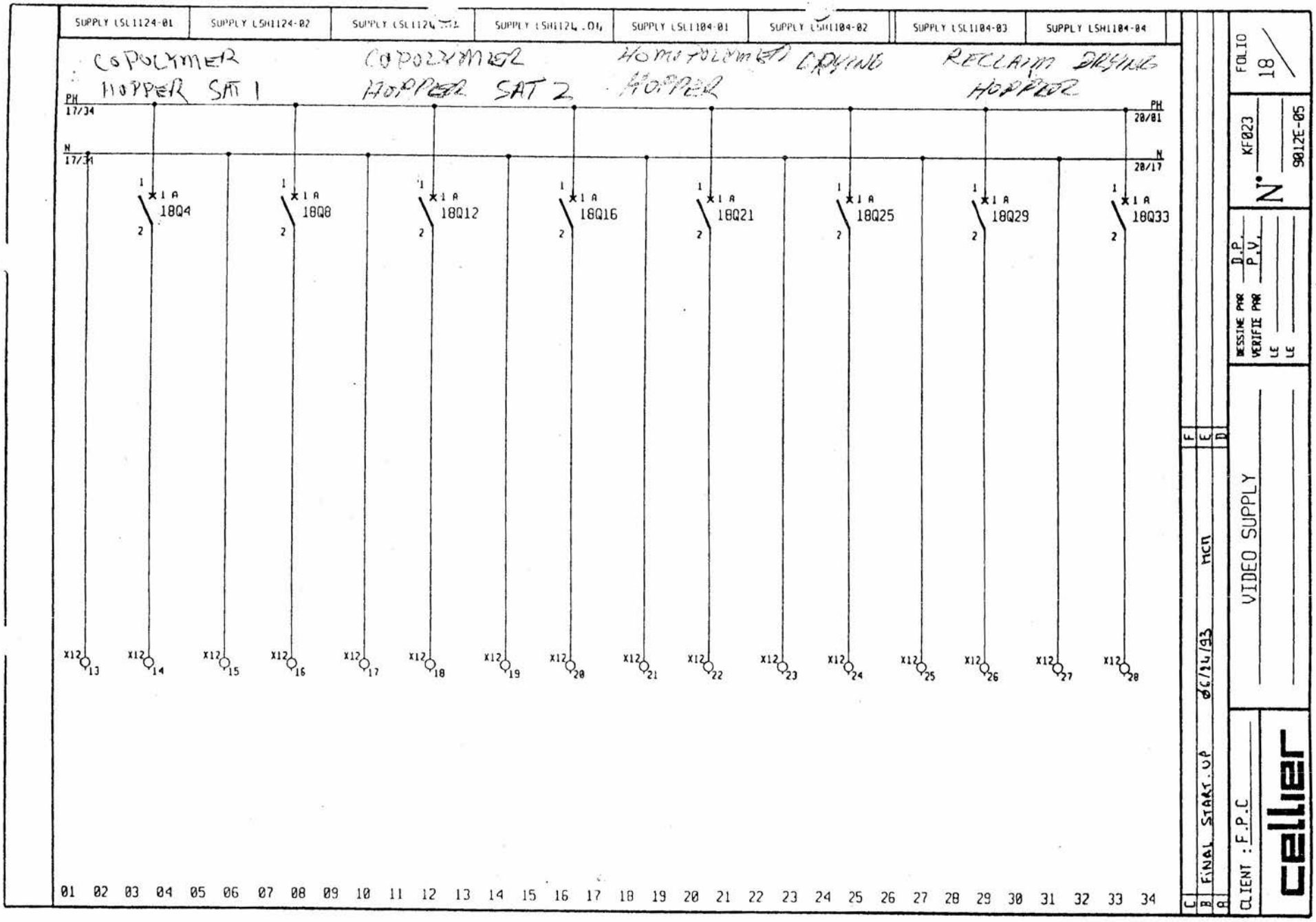
ANALOG OUTPUT SUPPLY

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

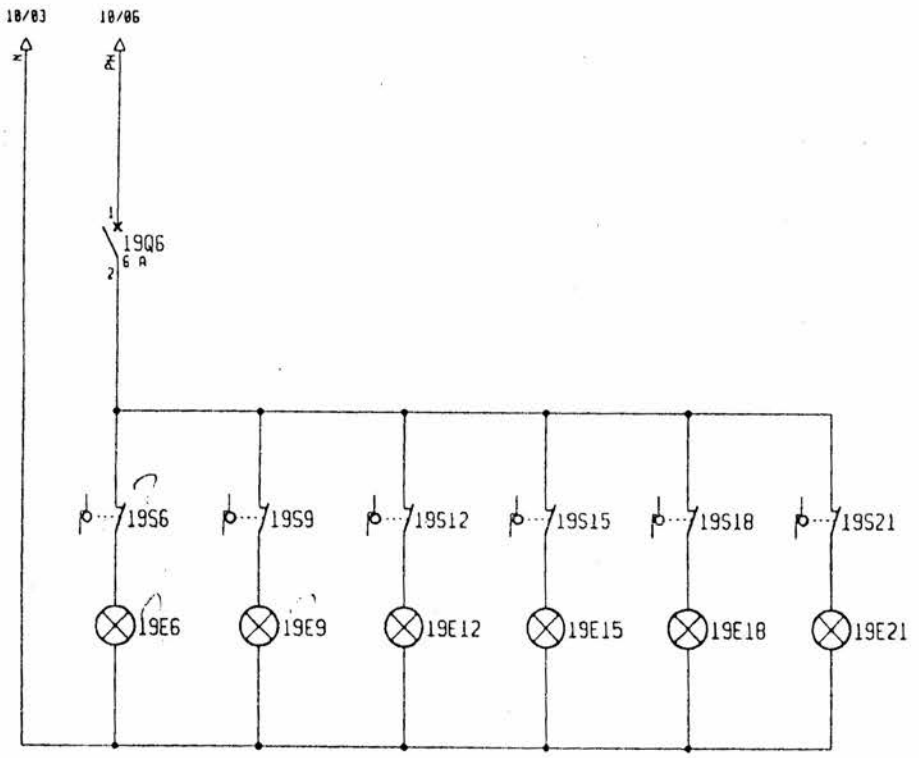
N° KF023
9012E-05

FOLIO 16


SUPPLY
SUPPLY LSL1123-01
SUPPLY LSH1123-02
SUPPLY LSL1123-03
SUPPLY LSH1123-04
LAL 1111.01
LAH 1106.03 LAL 1106.01
LAH 1106.04 LAL 1106.02
COPOLYMER SAT 1
COPOLYMER SAT 2
PH 15/34
N 15/34
PH 18/01
N 18/01
17Q11
17Q18
17Q24
17Q30
X12 156
X12 158
X12 178
X12 157
X12 154
X12 179
X12 123
X12 124
X12 125
X12 126
X12 127
X12 128
X12 129
X12 130
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 FINAL START-UP 06/14/93 MCM
A
F
E
D
FOLIO 17
N° KF023 90125-05
DESSINE PAR D.P.
VERIFIE PAR P.V.
LE
LE
SUPPLY
CLIENT : F.P.C
cellier


SUPPLY LSL1124-01
SUPPLY LSH1124-02
SUPPLY LSL1124-03
SUPPLY LSH1124-04
SUPPLY LSL1104-01
SUPPLY LSH1104-02
SUPPLY LSL1104-03
SUPPLY LSH1104-04
COPOLYMER HOPPER SAT 1
COPOLYMER HOPPER SAT 2
HOMOPOLYMER DRYING HOPPER
RECLAIM DRYING HOPPER
PH 17/34
N 17/34
PH 20/01
N 20/17
18Q4
18Q8
18Q12
18Q16
18Q21
18Q25
18Q29
18Q33
X12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28
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 FINAL START-UP 06/14/93 MCM
B
A
F
E
D
FOLIO 18
KF023
N° 9012E-05
DESSINE PAR D.P.
VERIFIE PAR P.V.
LE
LE
VIDEO SUPPLY
CLIENT : F.P.C
cellier

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

C B A F E D

FOLIO 19

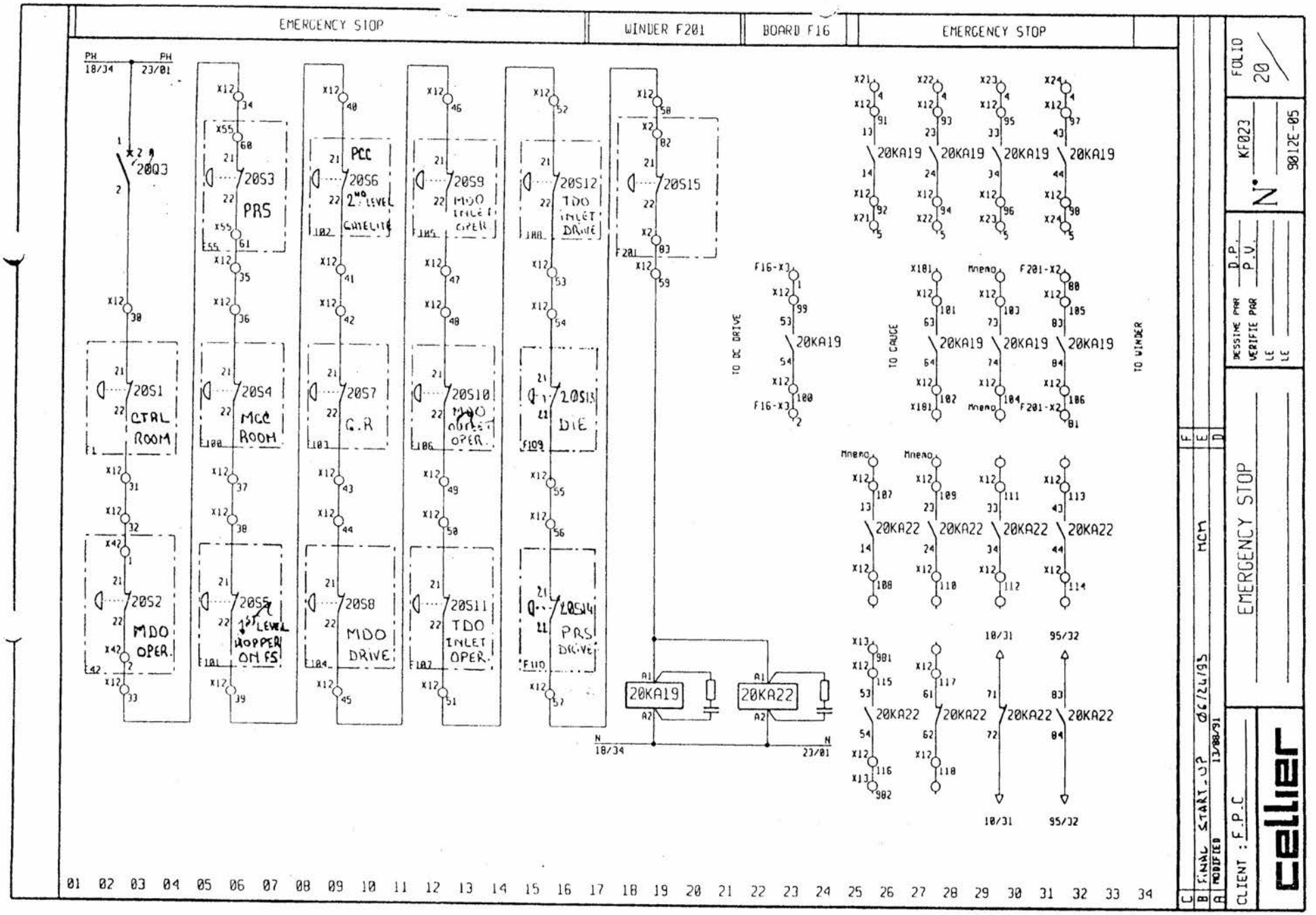
N° KF023 9012E-05

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

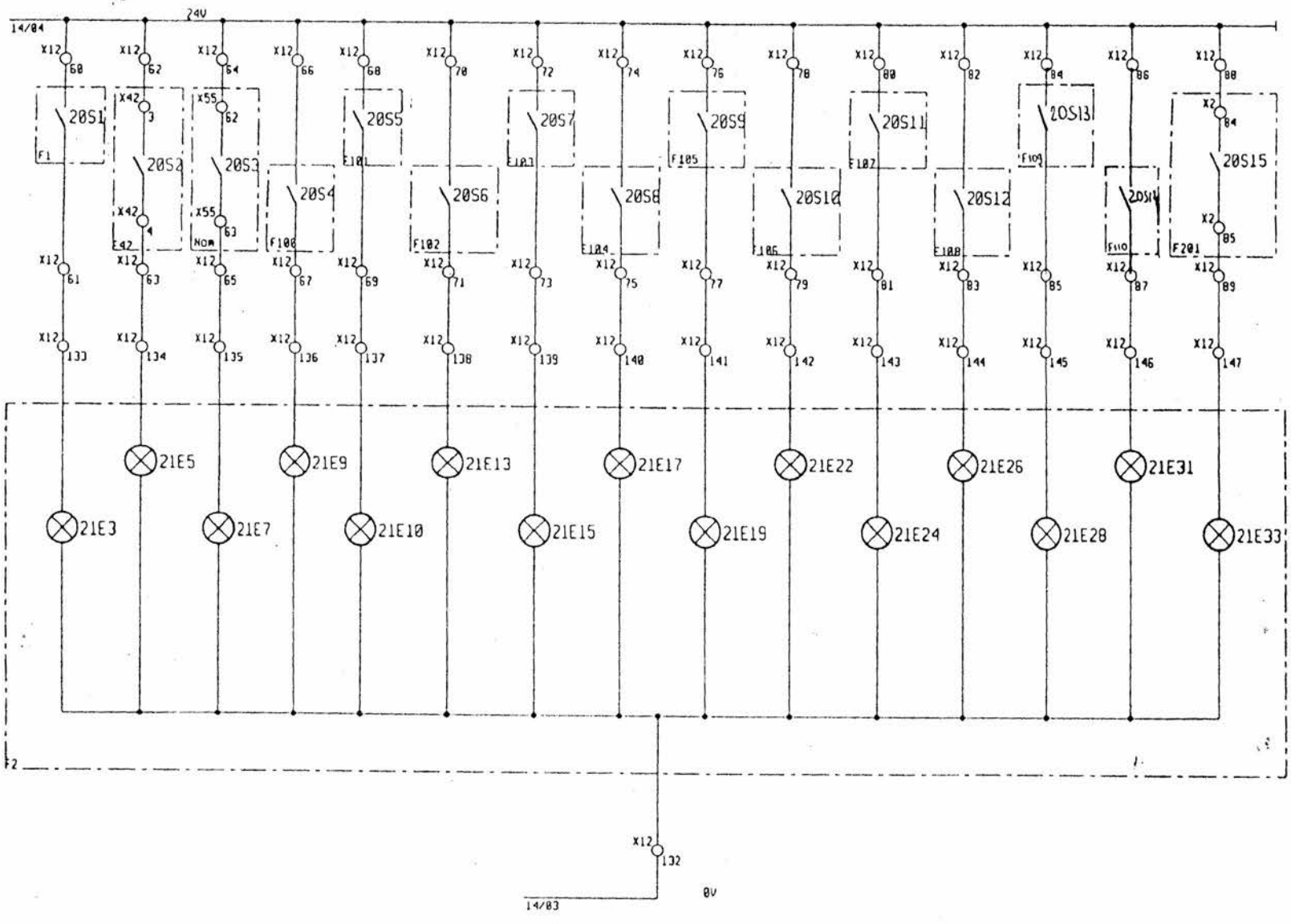
LIGHTING BOARD

CLIENT : F.P.C

celler


EMERGENCY STOP
WINDER F201
BOARD F16
EMERGENCY STOP
PH 18/34
PH 23/01
20Q3
20S1 CTRL ROOM
20S2 MDO OPER.
20S3 PRS
20S4 MCC ROOM
20S5 1st LEVEL HOPPER ON FS
PCC
20S6 2ND LEVEL CATELITE
20S7 G.R
20S8 MDO DRIVE
20S9 MDO INLET OPER
20S10 MDO OUTLET OPER.
20S11 TDO INLET OPER.
20S12 TDO INLET DRIVE
20S13 DIE
20S14 PRS DRIVE
20S15
20KA19
20KA22
TO DC DRIVE
TO GAUGE
TO WINDER
Mnemo
N 18/34
N 23/01
FOLIO 20
KF023
9012E-05
DESSINE PAR D.P.
VERIFIE PAR P.V.
EMERGENCY STOP
MCM
06/24/95
FINAL START-UP
13/08/91
MODIFIED
CLIENT : F.P.C
celler

EMERGENCY STOP SIGNALISATION



C	FINAL START-UP	06/24/93	HCM
B			
A			

CLIENT : F.P.C

celliet

EMERGENCY STOP SIGNALISATION

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

N° KF023 9012E-05

FOLIO 21

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

F
E
D
C
B
A

FOLIO 22

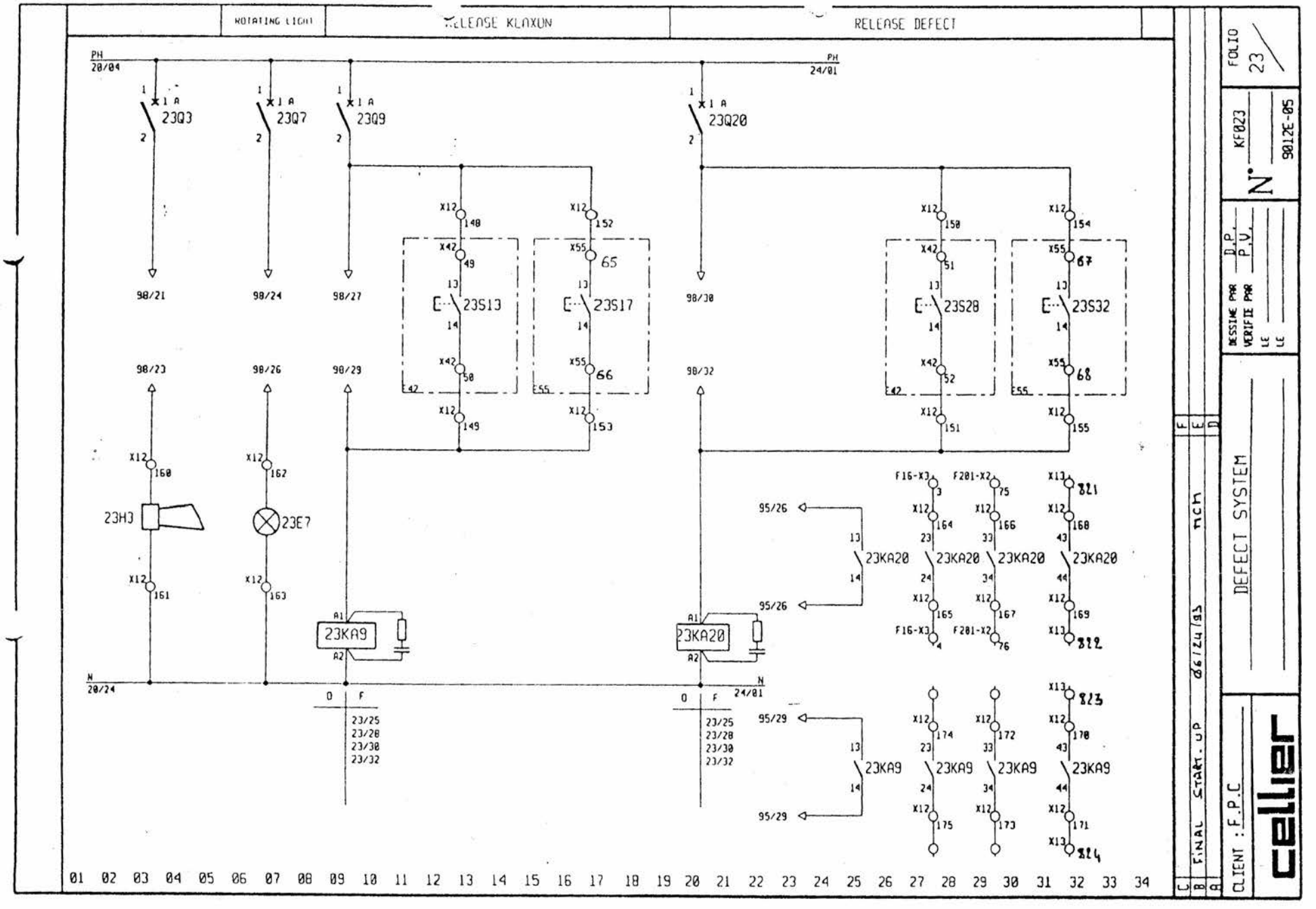
N° KF023 9012E-05

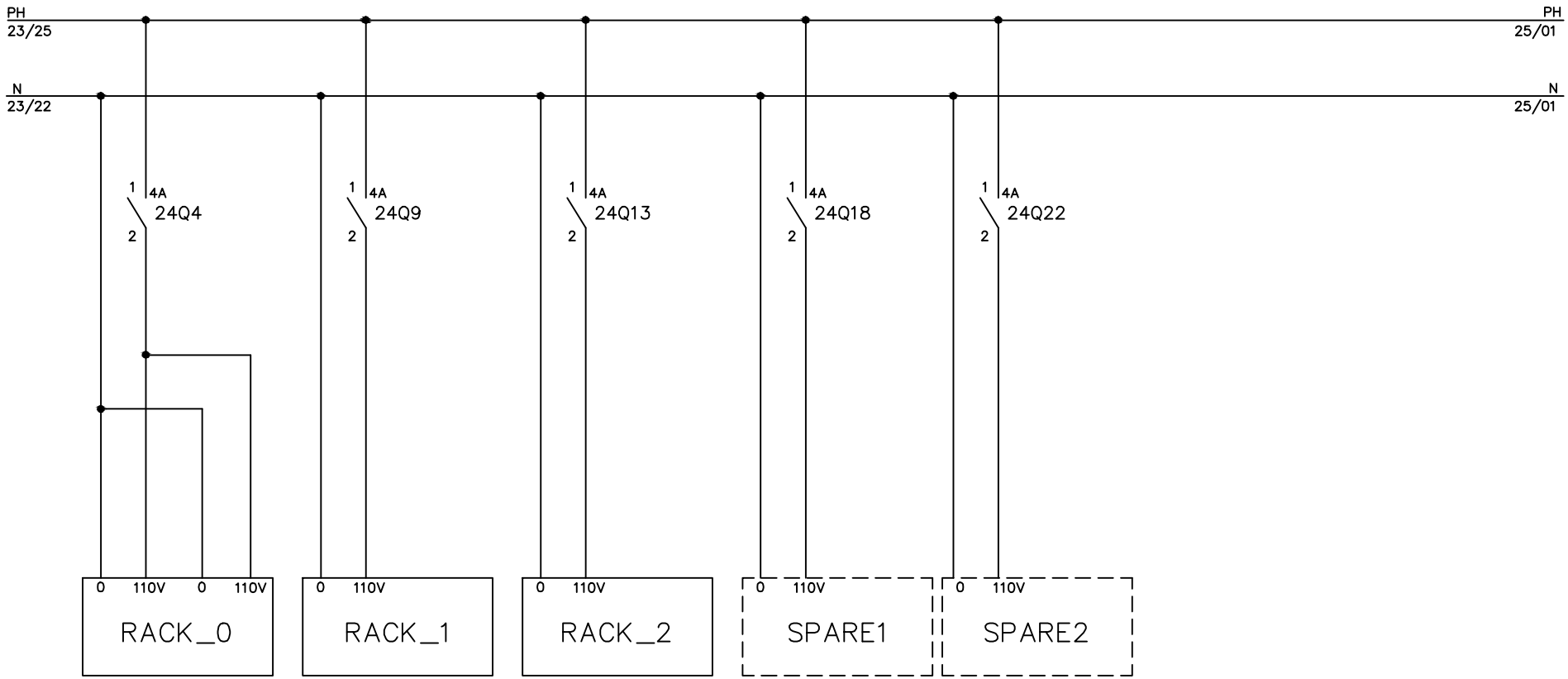
DESSINE PAR D.P.
VERIFIE PAR P.V.
LE
LE

FREE

CLIENT : F.P.C

cellier

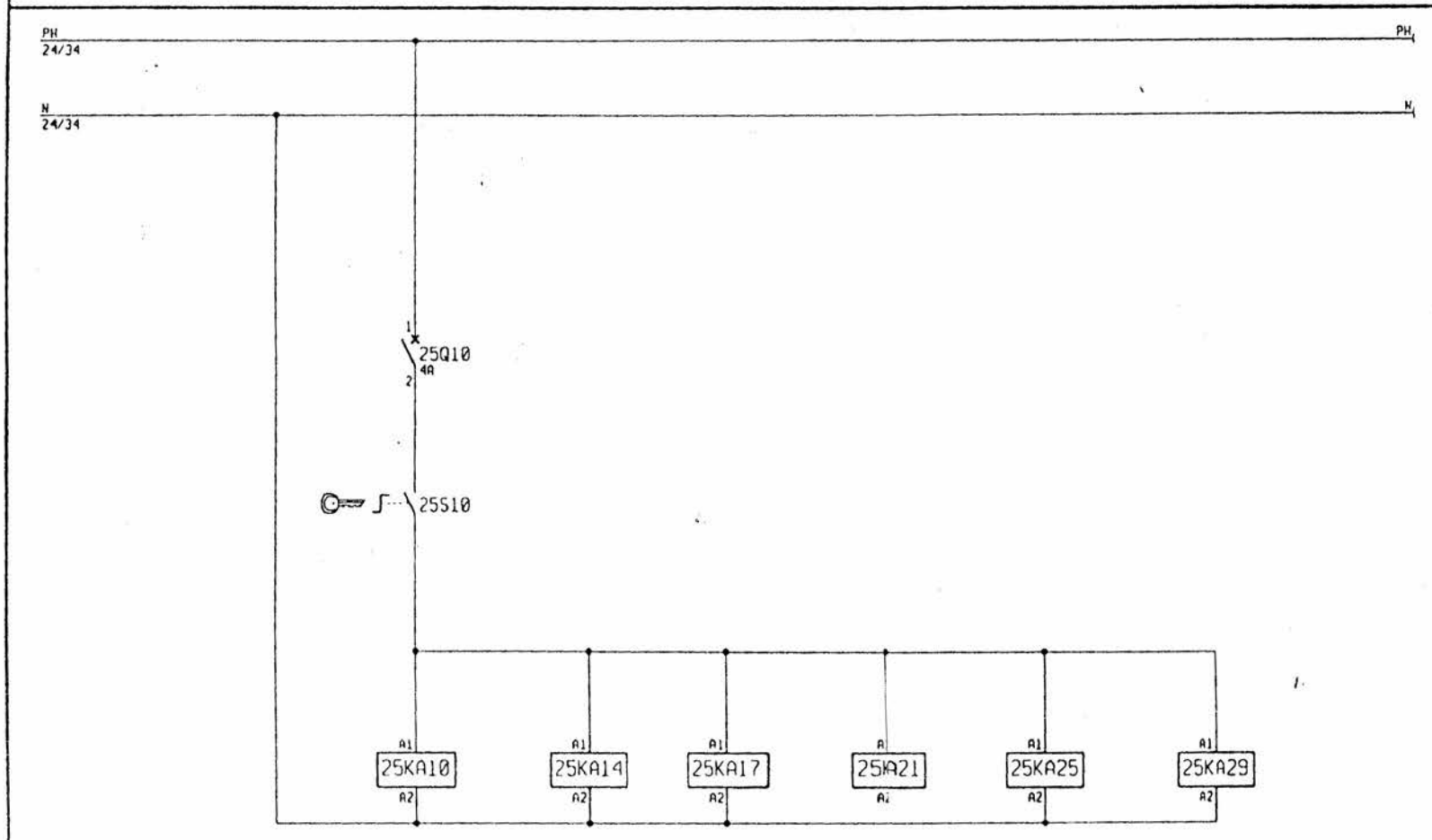

ROTATING LIGHT
RELEASE KLAXON
RELEASE DEFECT
PH 20/04
PH 24/01
23Q3
23Q7
23Q9
23Q20
98/21
98/24
98/27
98/30
98/23
98/26
98/29
98/32
23S13
23S17
23S28
23S32
23H3
23E7
23KA9
23KA20
95/26
95/29
N 20/24
N 24/01
23/25
23/28
23/30
23/32
FOLIO 23
KF023
9012E-05
DESSINE PAR D.P.
VERIFIE PAR P.V.
DEFECT SYSTEM
CLIENT : F.P.C
celler



File Name : P24 PLC Supply.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 DIVI. M/E DEPT.		Line2 P.L.C SUPPLY						DRAWING DESCRIPTION	KF023 F12		Page #	24			
											Total				
DRAWN BY	Rufus Huang		1	Add TerminalNumber	Charlie Z	05/07/19		DRAWING NO.			MATERIAL				
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE		DRAWN DATE:	05-01-2018		SCALE	NONE	UNIT	MM	



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

FOLIO 25

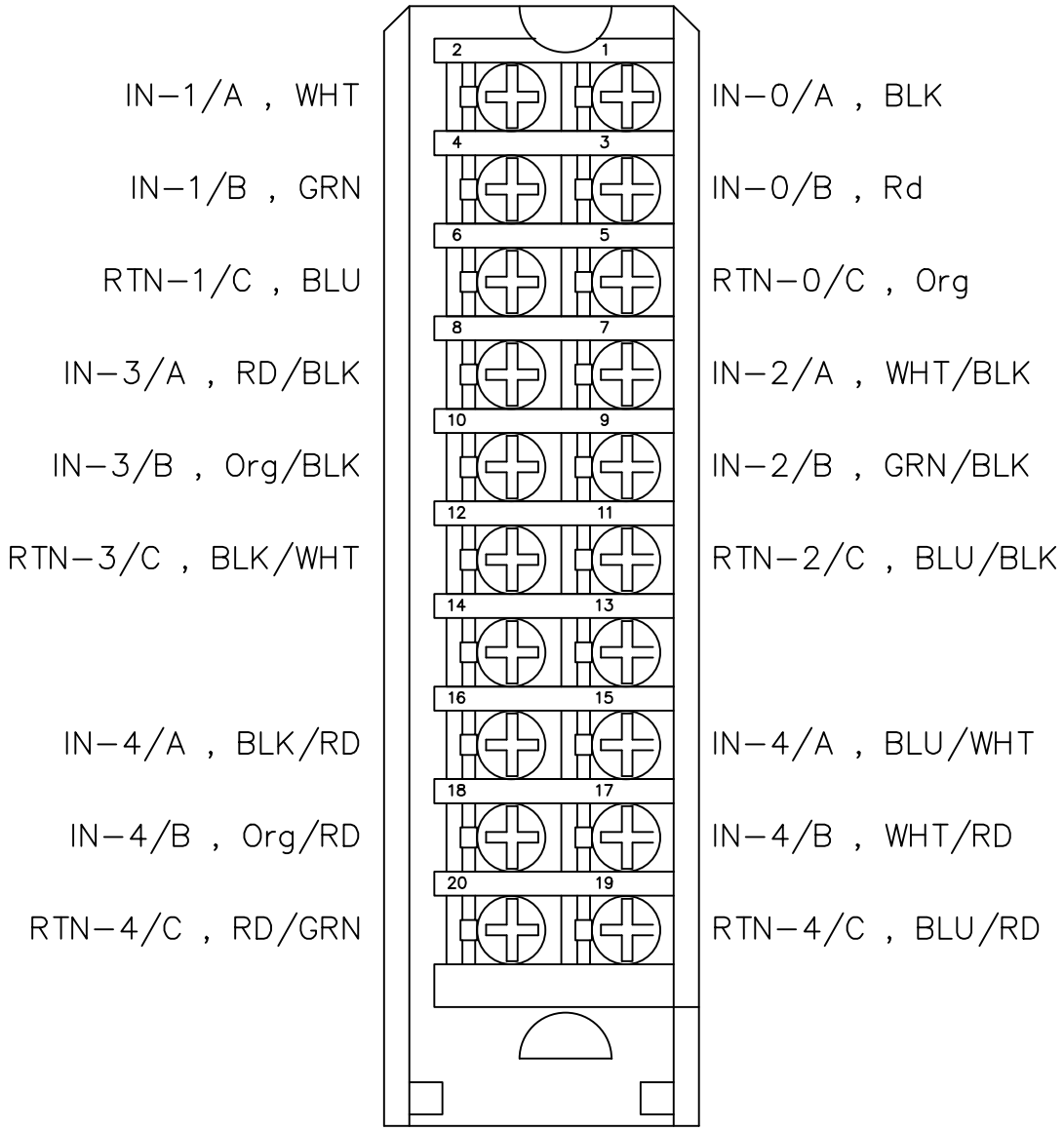
N° KF023 98126-05

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

DOOR LOCKED

CLIENT : F.P.C

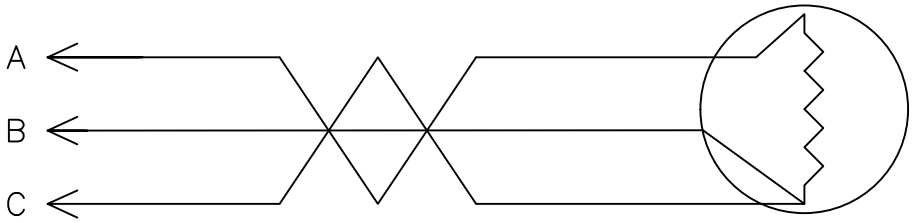
cellier



1756−IR6I Module wiring

	A	B	C
CH0 :	1	3	5
CH1 :	2	4	6
CH2 :	7	9	11

	A	B	C
CH3 :	8	10	12
CH4 :	15	17	19
CH6 :	16	18	20



PT−100
(RTD)

File Name: P25 1756−IR61 wirings.dwg

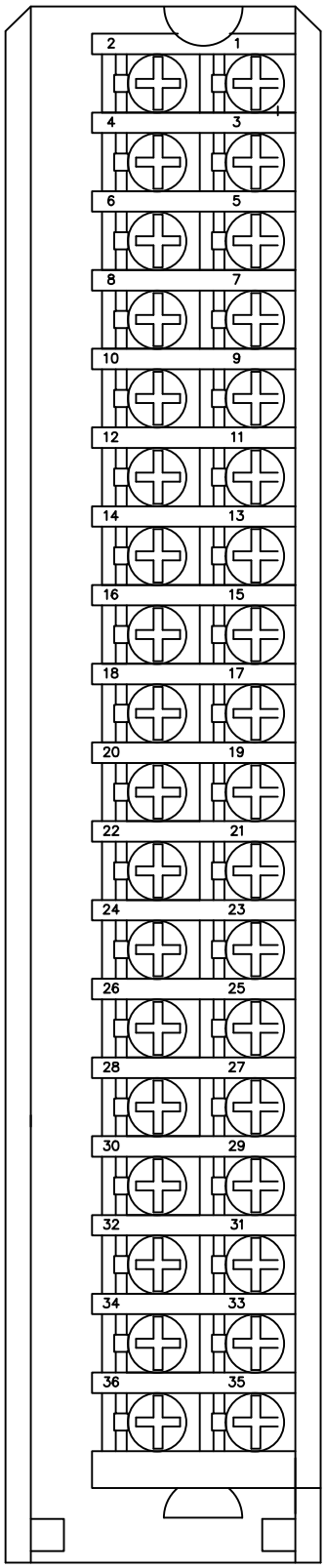
Line2 1756−IR61 3−wire RTD wiring

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

DRAWING DESCRIPTION: KF203 F12
DRAWING NO.
DRAWN DATE: 05−01−2018
Page # 25
Total
MATERIAL
SCALE NONE
UNIT MM

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

DRAWN BY Rufus Huang
CHECKED BY JERRY WU



1756-IF16 Different current Wiring

CH0 : 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

& Mean jumper wires

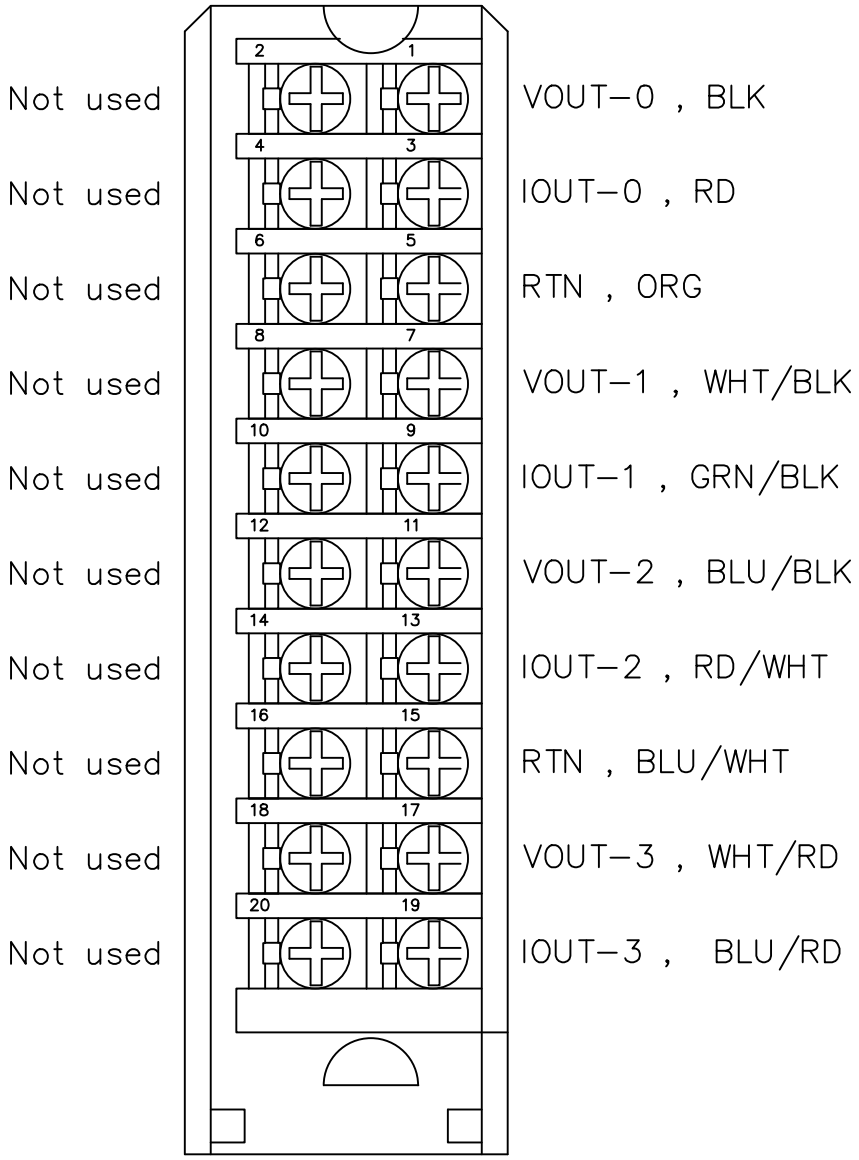
File Name: P26 1756-IF16 Wirings.dwg

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.							
DRAWN BY	Rufus Huang						
CHECKED BY	JERRY WU						

Line2 1756-IF16 Different current Wiring

						Page #	26
						Total	
						MATERIAL	
						SCALE	NONE
						UNIT	MM

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWING DESCRIPTION	KF203 F12
				DRAWING NO.	
				DRAWN DATE:	05-01-2018



1756-OF4 Current wiring

FILE NAME: P27 1756-OF4 Wirings.dwg

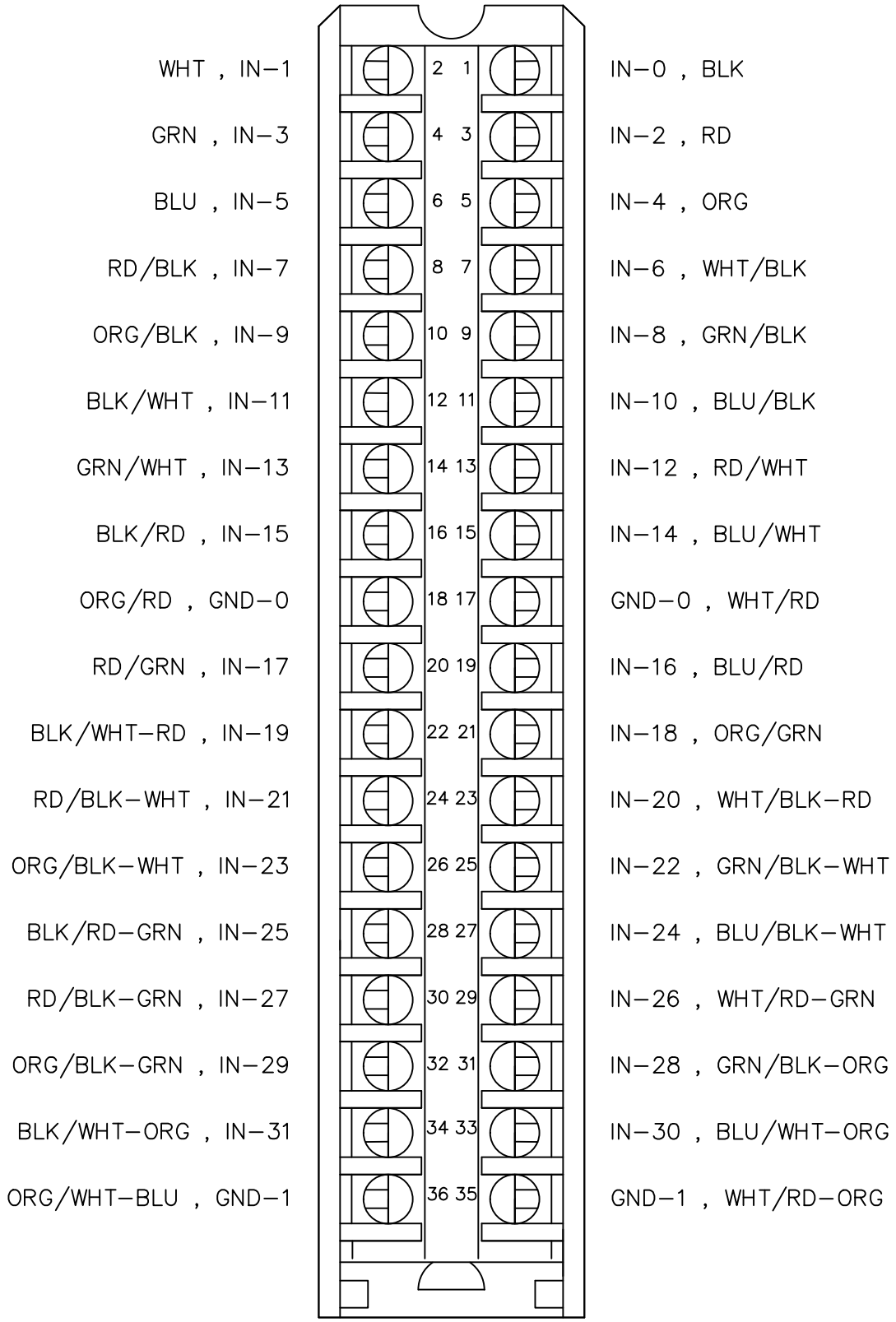
INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.

DRAWN BY Rufus Huang
CHECKED BY JERRY WU

Line2 1756-OF4 Current wiring

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

DRAWING DESCRIPTION KF203 F12
DRAWING NO.
DRAWN DATE: 05-01-2018
MATERIAL
SCALE NONE
UNIT MM
Page # 27
Total



1756-IB32 ControlLogix input midule

FILE NAME: P28 1756-IB32 Wirings.dwg

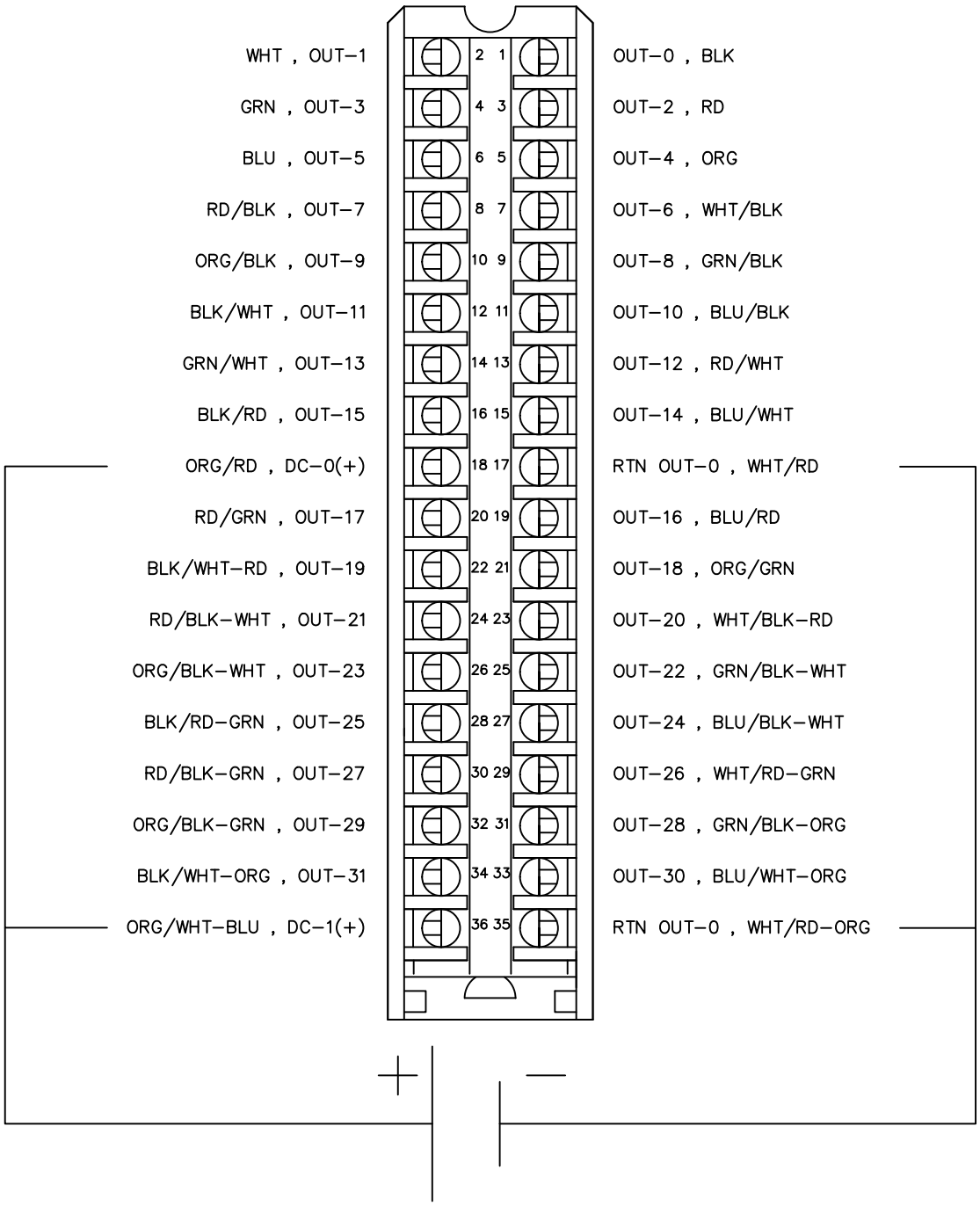
INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.

Line2 1756-IB32 ControlLogix input midule

DRAWN BY	Rufus Huang
CHECKED BY	JERRY WU

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

DRAWING DESCRIPTION: KF203 F12
DRAWING NO.
DRAWN DATE: 05-01-2018
MATERIAL
SCALE: NONE
UNIT: MM
Page # 28
Total



1756-OB32 ControlLogix input midule

File Name: P29 1756-IB32 Wirings.dwg

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

Line2 1756-IB32 ControlLogix input midule

DRAWN BY	Rufus Huang
CHECKED BY	JERRY WU

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

DRAWING DESCRIPTION: KF203 F12

DRAWING NO.

DRAWN DATE: 05-01-2018

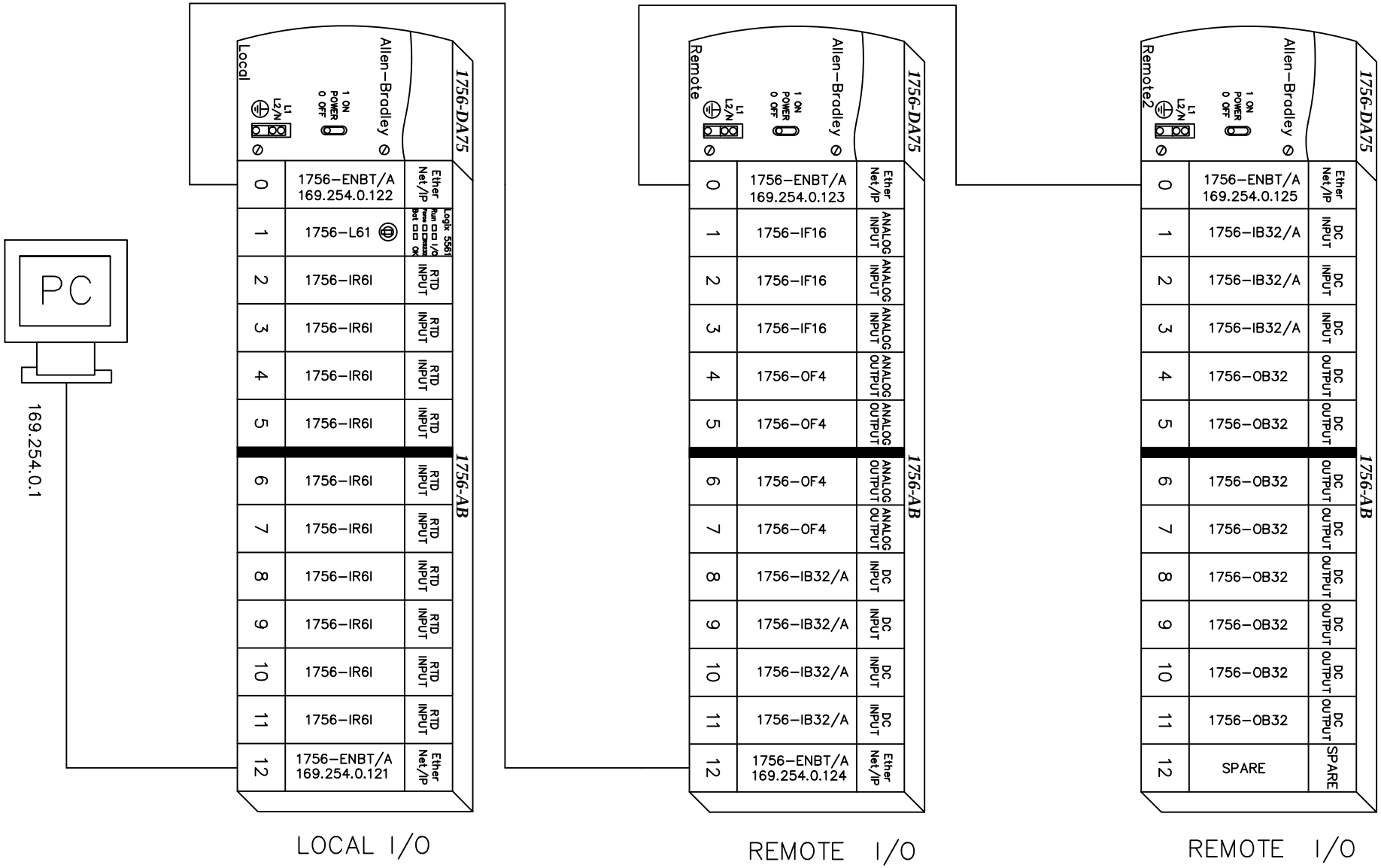
Page # 29

Total

MATERIAL

SCALE NONE

UNIT MM

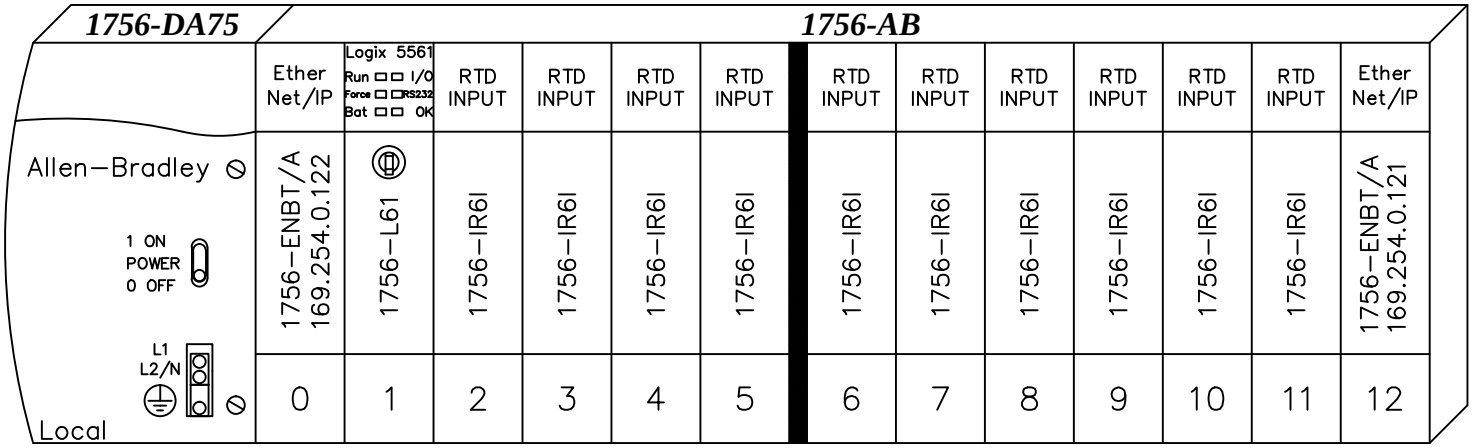


File Name : P30 PLC Module Link Layout.dwg

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 DIVI. M/E DEPT.		Line2 PLC MODULE LINK LAYOUT						DRAWING DESCRIPTION	KF023 F12		Page #	30		
											Total			
DRAWN BY	Charlie Zhang							DRAWING NO.			MATERIAL			
CHECKED BY	JERRY WU				REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM

RACK 0

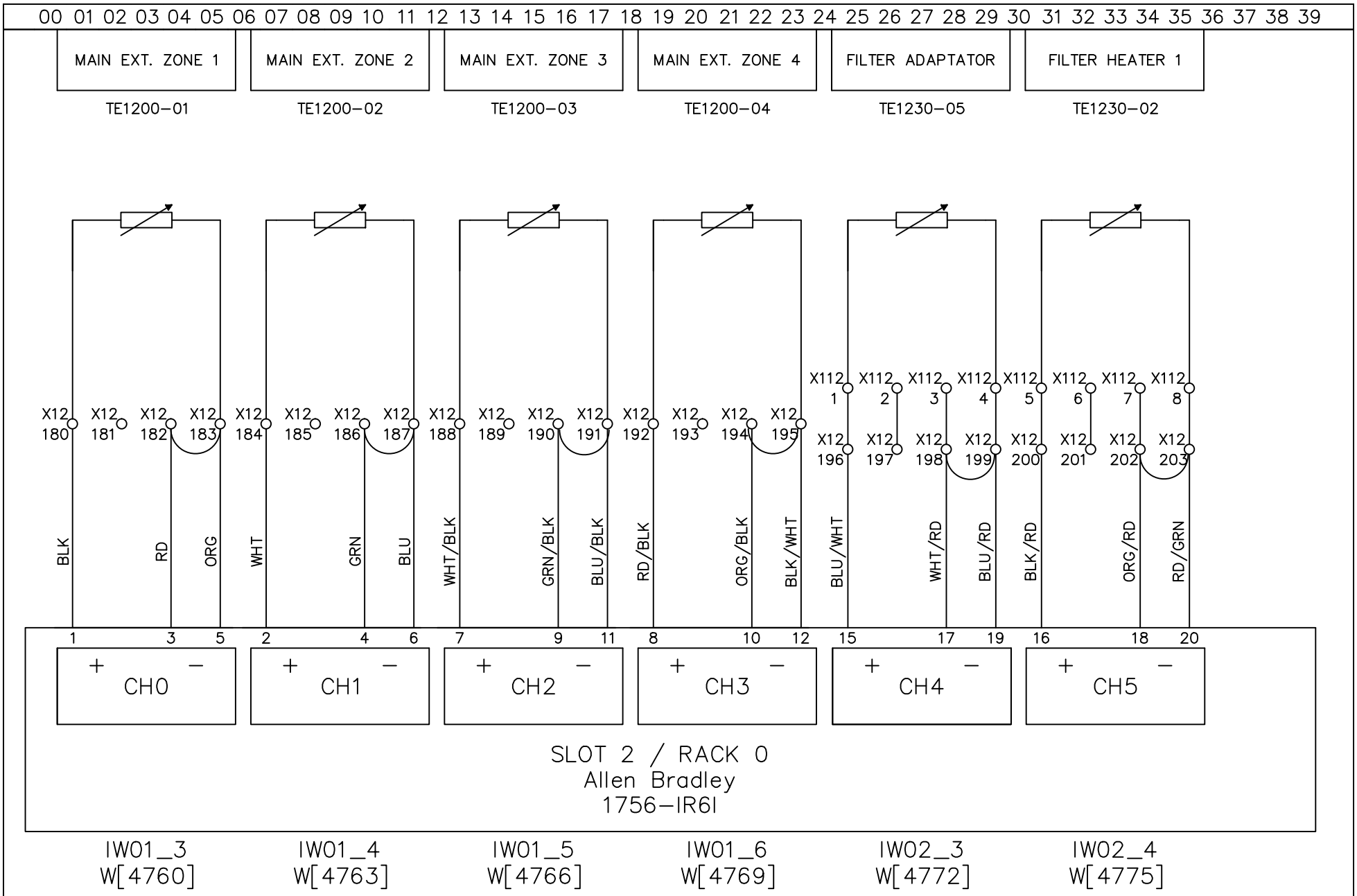


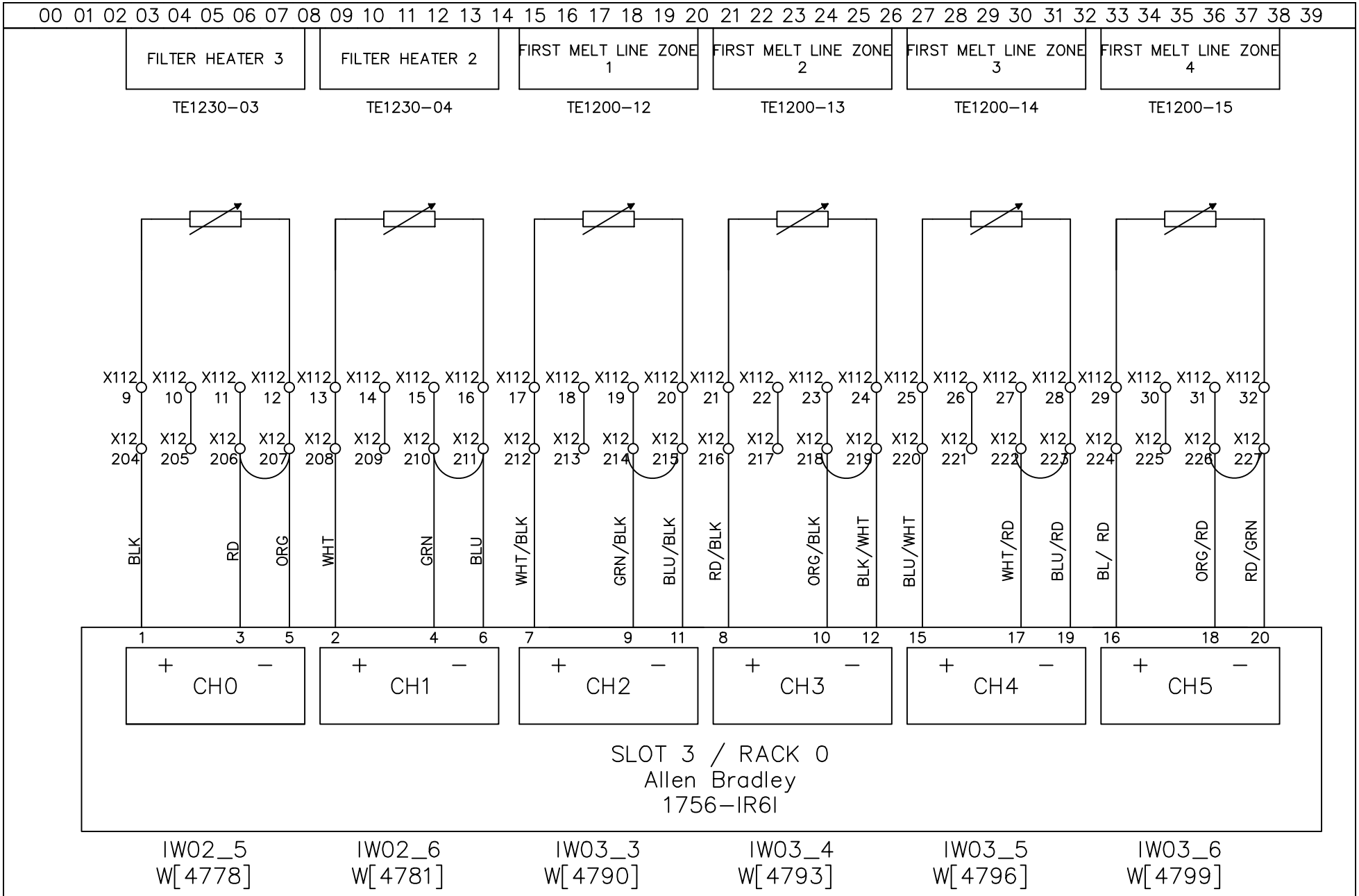
LOCAL I/O

File Name : P31 Rack0.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 DIVI. M/E DEPT.	Line2 RACK 0, 1756-A13 13-SLOT CONTROL LOGIX CHASSIS					DRAWING DESCRIPTION	KF023 F12	Page #	31		
								Total			
DRAWN BY	Rufus Huang	1	Add Terminal Number	CharlieZ.	05/07/19	DRAWING NO.		MATERIAL			
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM

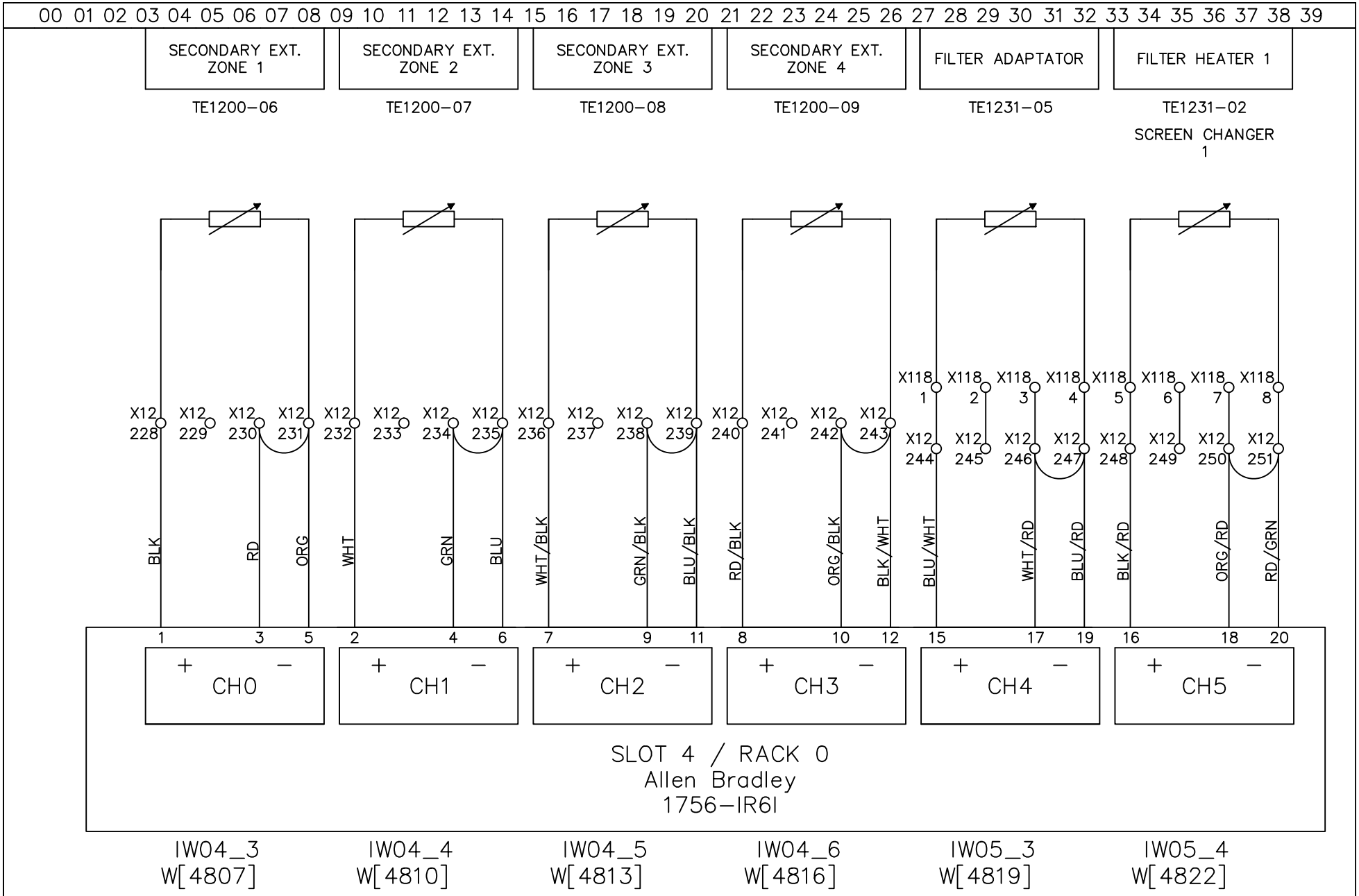

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39
MAIN EXT. ZONE 1
MAIN EXT. ZONE 2
MAIN EXT. ZONE 3
MAIN EXT. ZONE 4
FILTER ADAPTATOR
FILTER HEATER 1
TE1200-01
TE1200-02
TE1200-03
TE1200-04
TE1230-05
TE1230-02
X12 180 X12 181 X12 182 X12 183
X12 184 X12 185 X12 186 X12 187
X12 188 X12 189 X12 190 X12 191
X12 192 X12 193 X12 194 X12 195
X112 1 X112 2 X112 3 X112 4 X112 5 X112 6 X112 7 X112 8
X12 196 X12 197 X12 198 X12 199 X12 200 X12 201 X12 202 X12 203
BLK RD ORG
WHT GRN BLU
WHT/BLK GRN/BLK BLU/BLK
RD/BLK ORG/BLK BLK/WHT
BLU/WHT WHT/RD BLU/RD
BLK/RD ORG/RD RD/GRN
1 3 5 2 4 6 7 9 11 8 10 12 15 17 19 16 18 20
+ − CH0
+ − CH1
+ − CH2
+ − CH3
+ − CH4
+ − CH5
SLOT 2 / RACK 0
Allen Bradley
1756-IR6I
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 DIVI. M/E DEPT.
DRAWN BY Rufus Huang
CHECKED BY JERRY WU
Line2 6 P.L.C. ANALOG INPUT
PT100 Probe °F
1 Add Terminal Number Charlie Z. 05/07/19
REV. NO REV. DESCRIPTION REV. BY: REV. DATE
DRAWING DESCRIPTION
KF023 F12
X12 DOOR 1
DRAWING NO.
DRAWN DATE: 05-01-2018
Page # 32-33
Total
MATERIAL
SCALE NONE UNIT MM



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

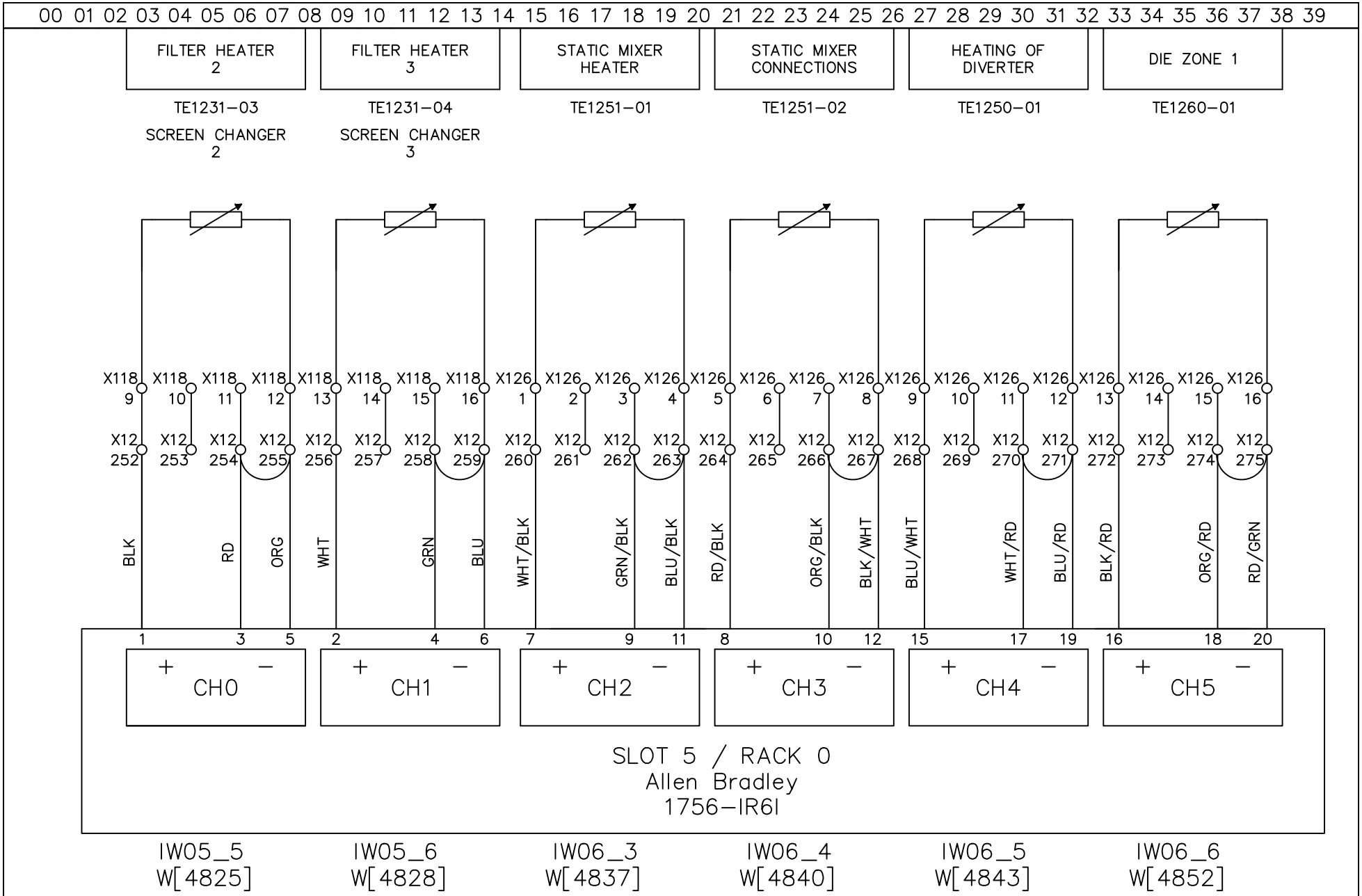
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 6 P.L.C. ANALOG INPUT PT100 Probe °F					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	33–34				
								Total					
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/07/19	DRAWING NO.		MATERIAL					
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05–01–2018	SCALE	NONE	UNIT	MM		



File Name : P35-36 slot 4 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

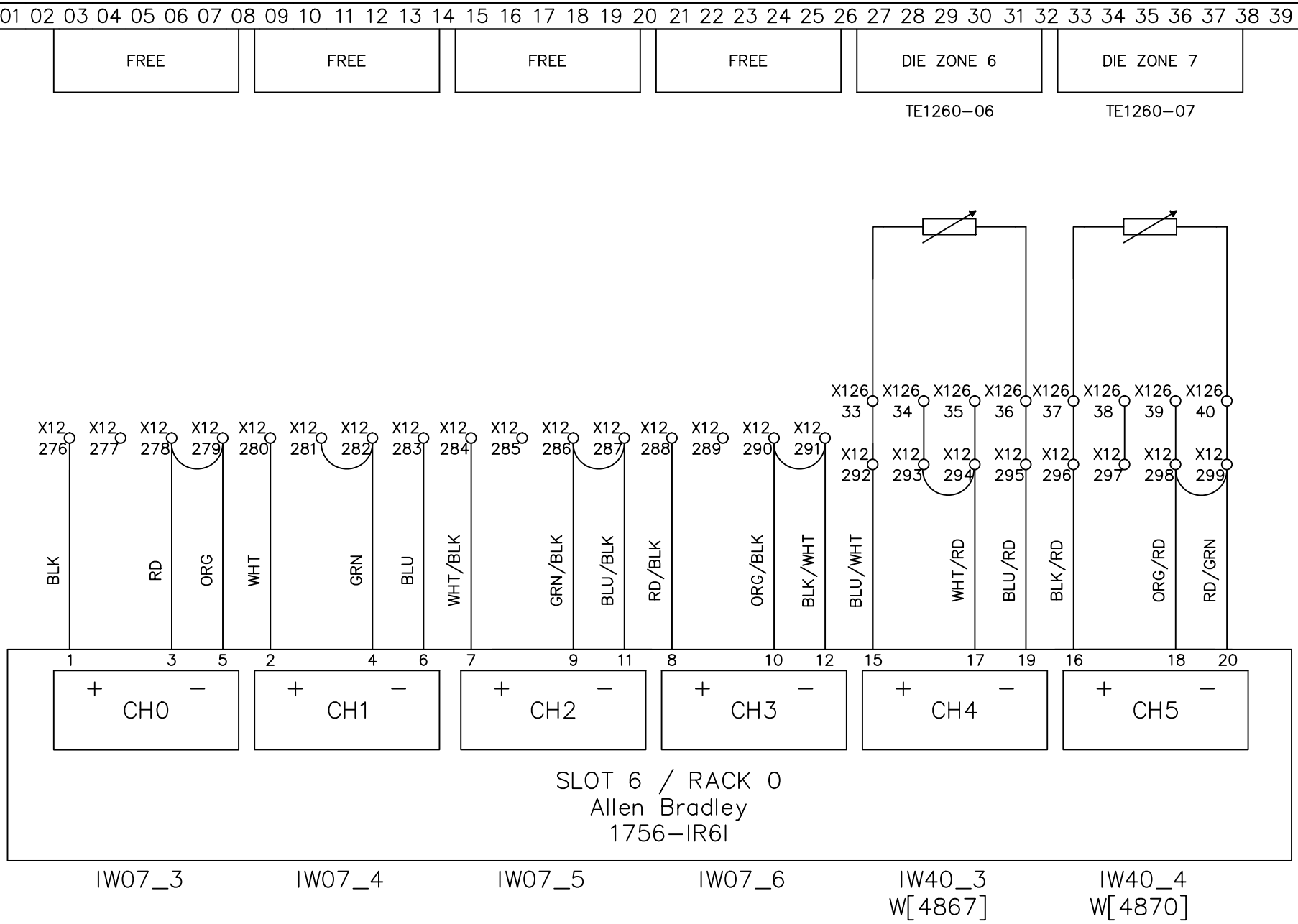
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 6 P.L.C. ANALOG INPUT PT100 Probe °F					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	35-36		
								Total			
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/07/19	DRAWING NO.		MATERIAL			
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM



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

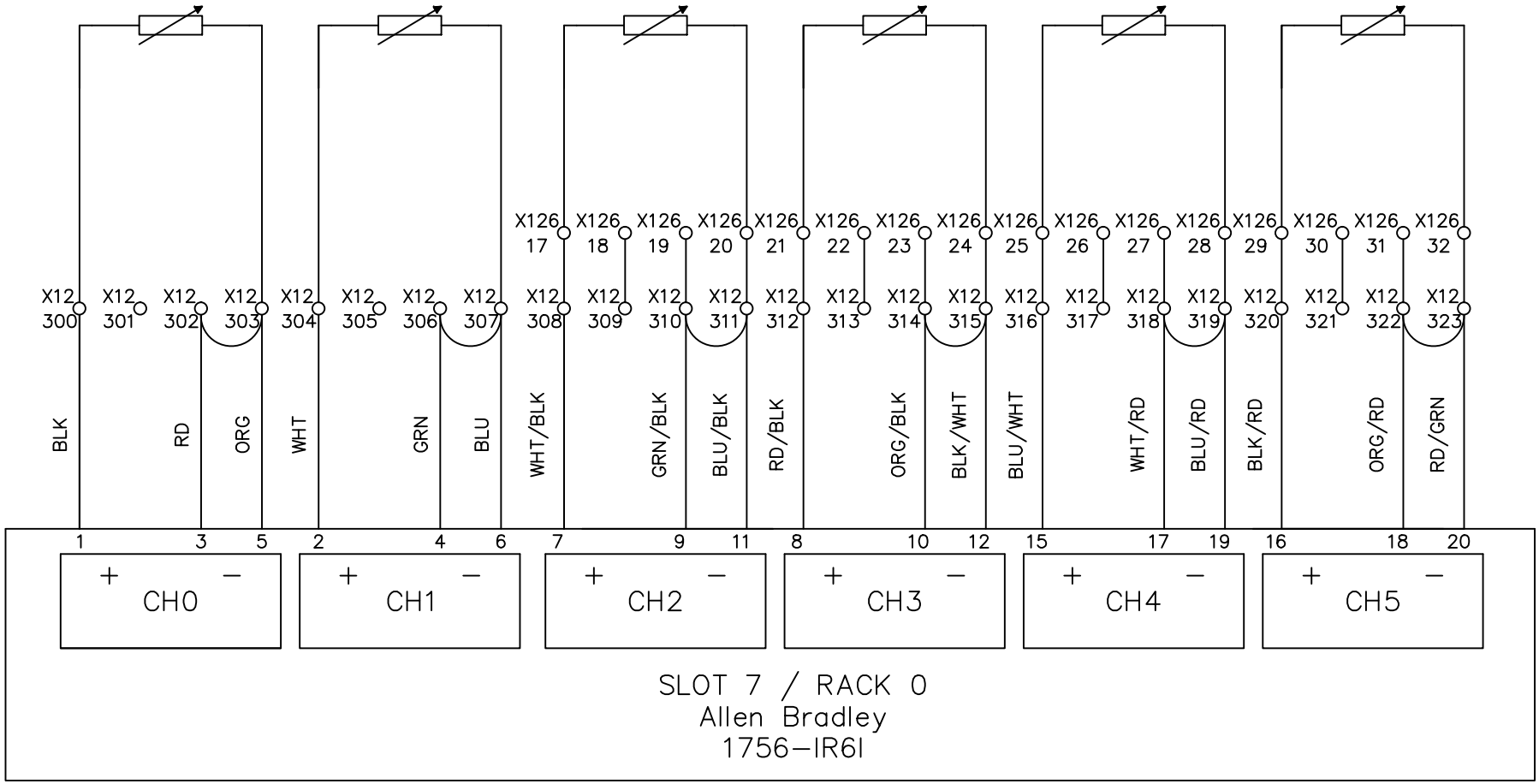
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 6 P.L.C. ANALOG INPUT PT100 Probe °F					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	36-37				
								Total					
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/07/19	DRAWING NO.		MATERIAL					
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM		



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

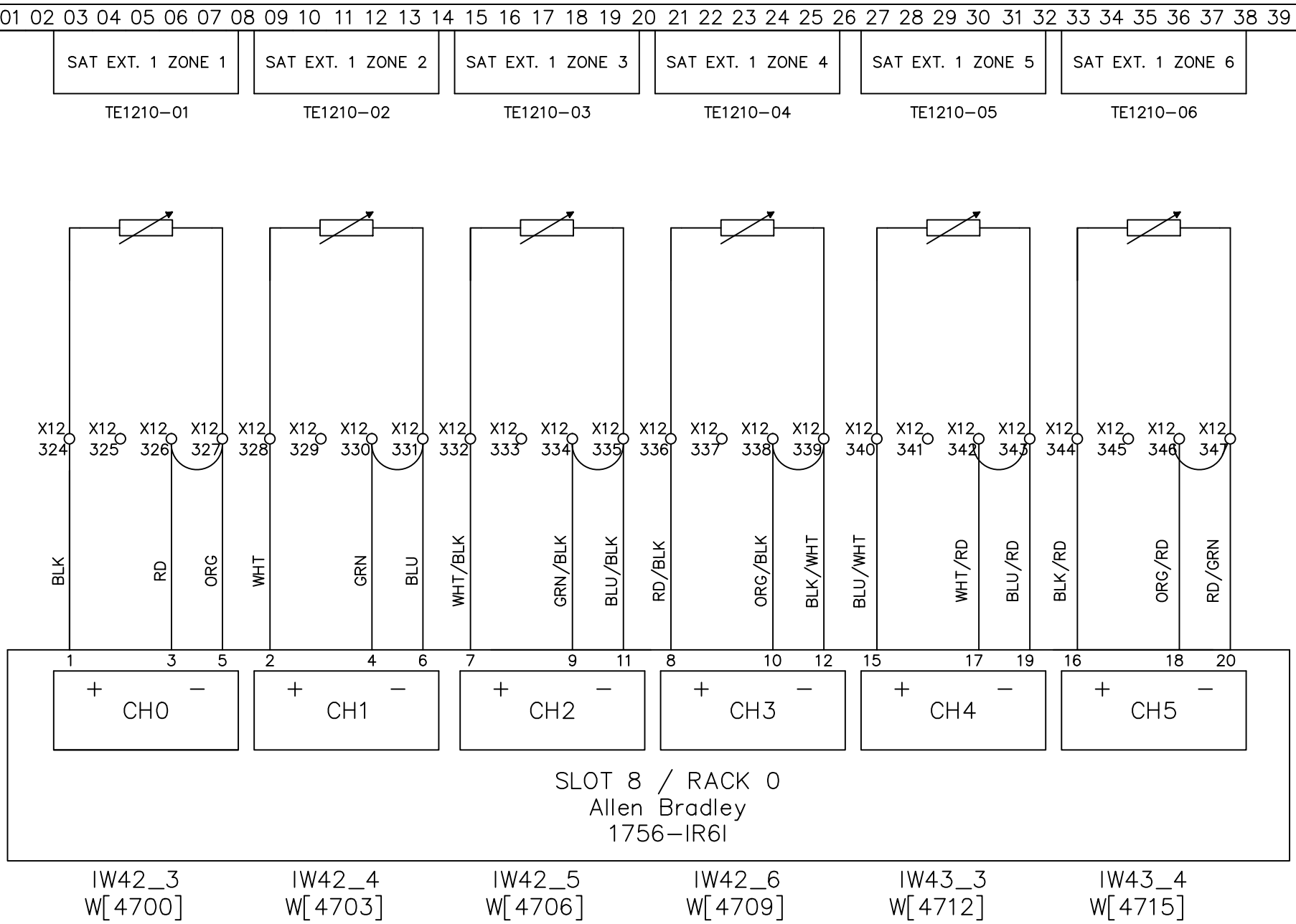
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 6 P.L.C. ANALOG INPUT PT100 Probe °F					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	38–40				
								Total					
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/07/19	DRAWING NO.		MATERIAL					
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05–01–2018	SCALE	NONE	UNIT	MM		



IW40_5	IW40_6	IW41_3	IW41_4	IW41_5	IW41_6
W[4731]	W[4734]	W[4855]	W[4858]	W[4861]	W[4864]

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

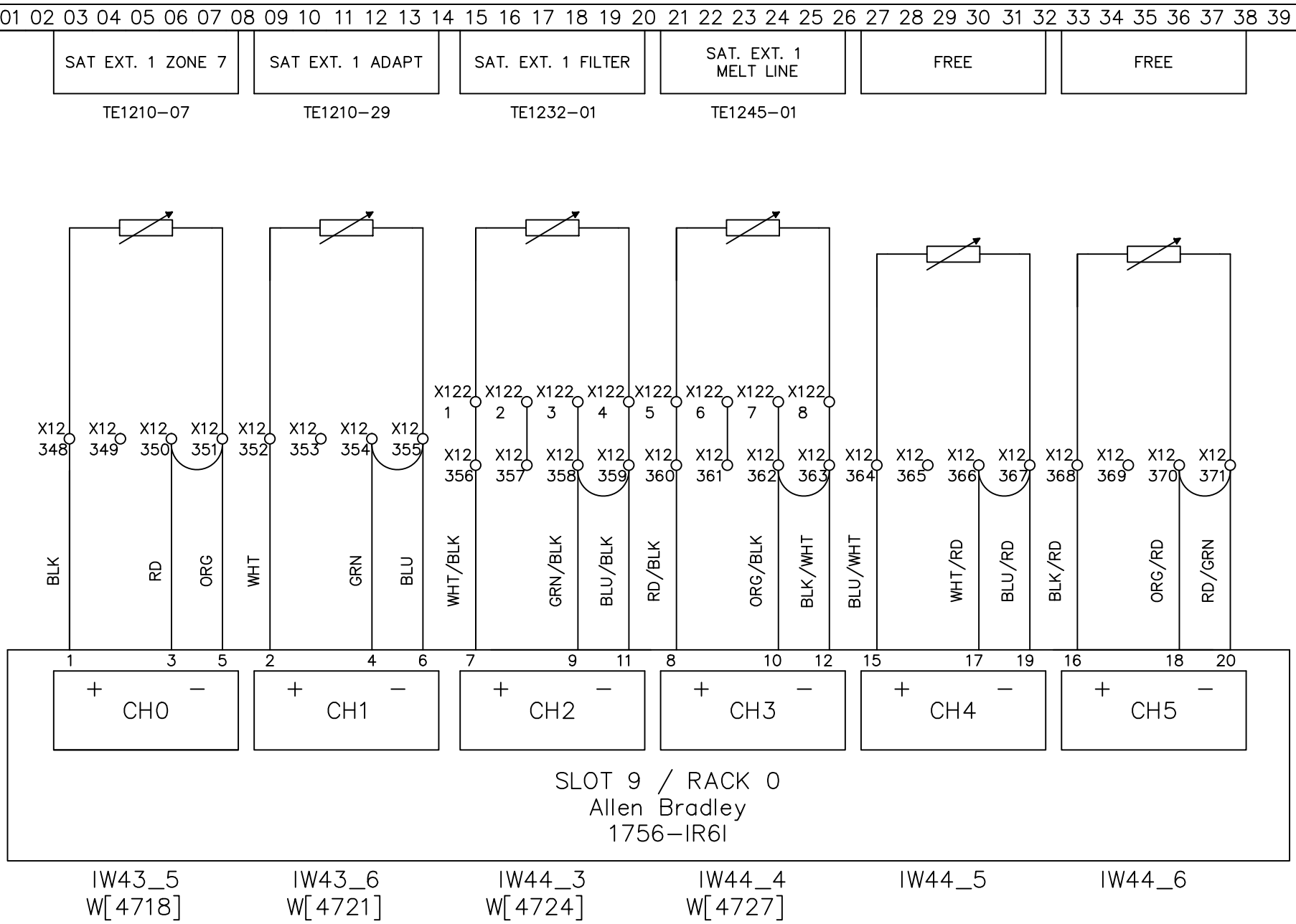
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 6 P.L.C. ANALOG INPUT PT100 Probe °F					DRAWING DESCRIPTION	DRAWING DESCRIPTION	Page #	40-41		
								Total			
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/07/19	DRAWING NO.		MATERIAL			
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM



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

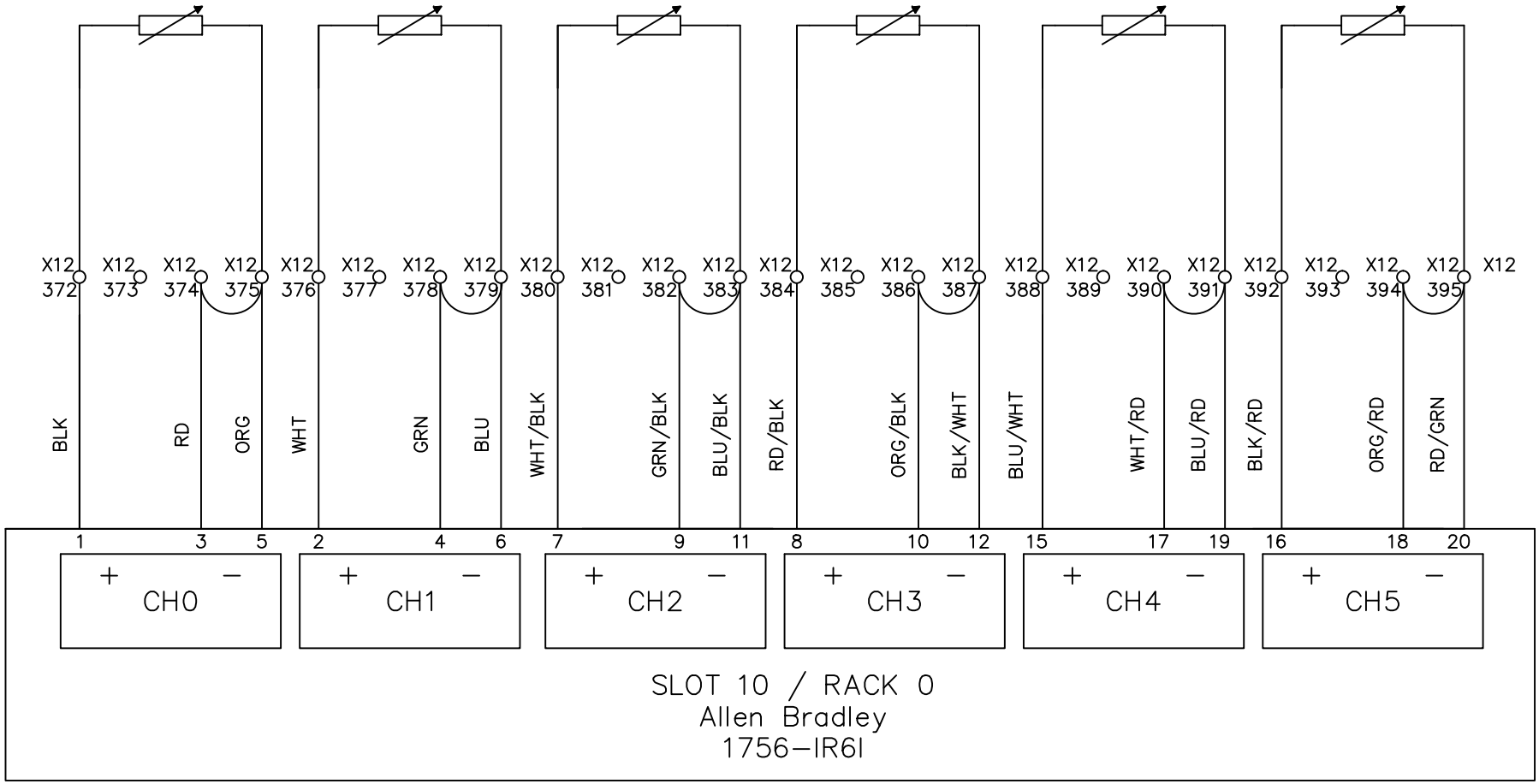
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 6 P.L.C. ANALOG INPUT PT100 Probe °F					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	42–43				
								Total					
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/07/19	DRAWING NO.		MATERIAL					
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05–01–2018	SCALE	NONE	UNIT	MM		



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

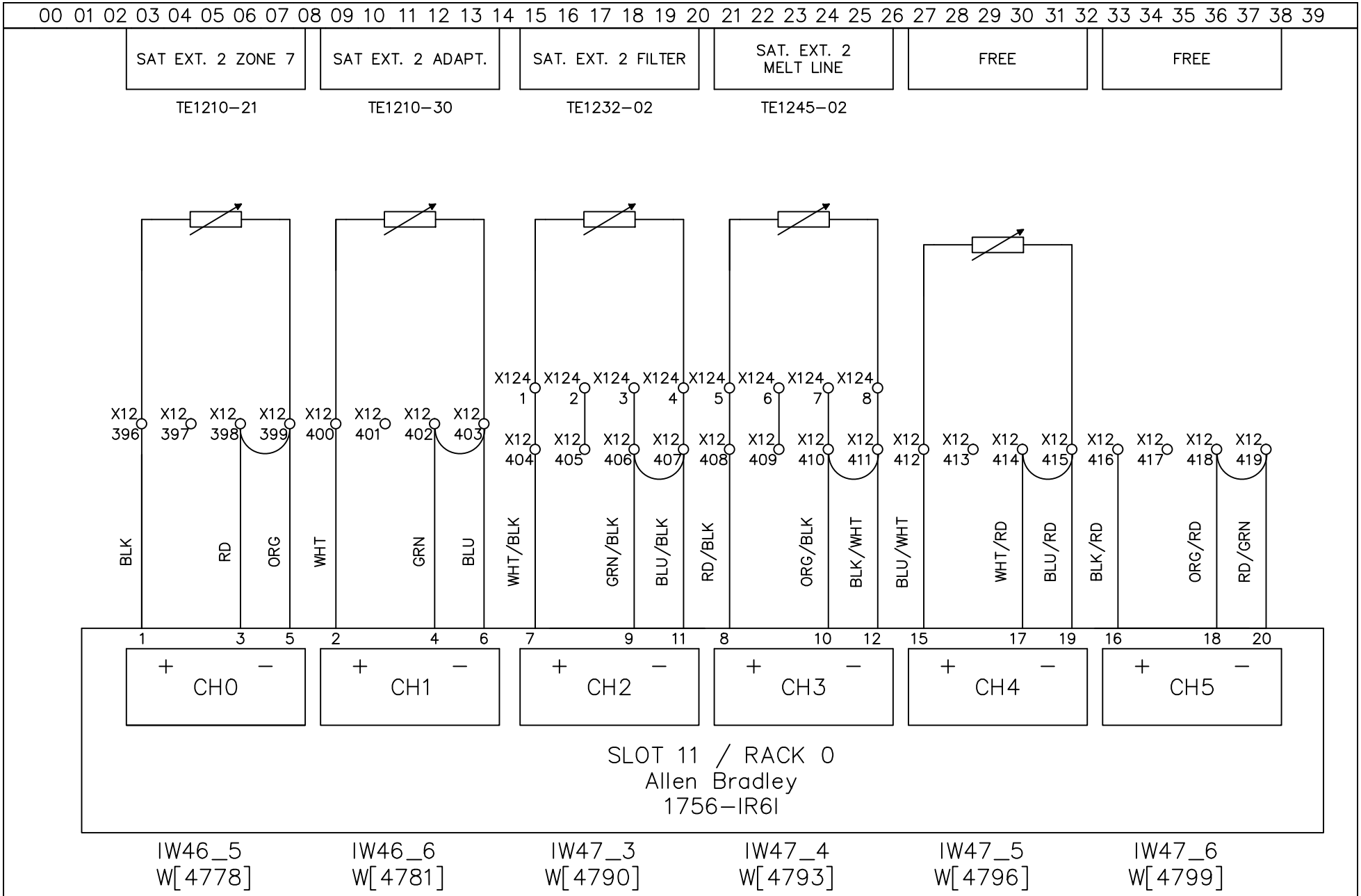
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 6 P.L.C. ANALOG INPUT PT100 Probe °F					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	43-44				
								Total					
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/07/19	DRAWING NO.		MATERIAL					
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM		



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.	Line2 6 P.L.C. ANALOG INPUT PT100 Probe °F					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	45–46				
								Total					
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/07/19	DRAWING NO.		MATERIAL					
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05–01–2018	SCALE	NONE	UNIT	MM		

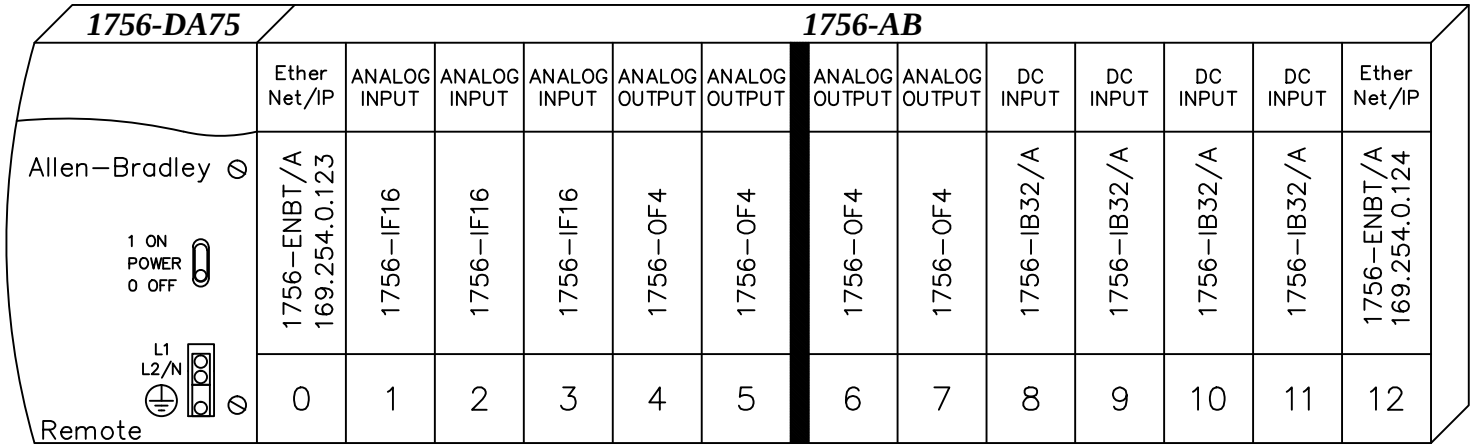


File Name : P46-47 slot 11Allen Bradley 1756-IR6I.dwg

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 DIVI. M/E DEPT.	Line2 6 P.L.C. ANALOG INPUT PT100 Probe °F					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	46-47		
								Total			
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/07/19	DRAWING NO.		MATERIAL			
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM

RACK 1



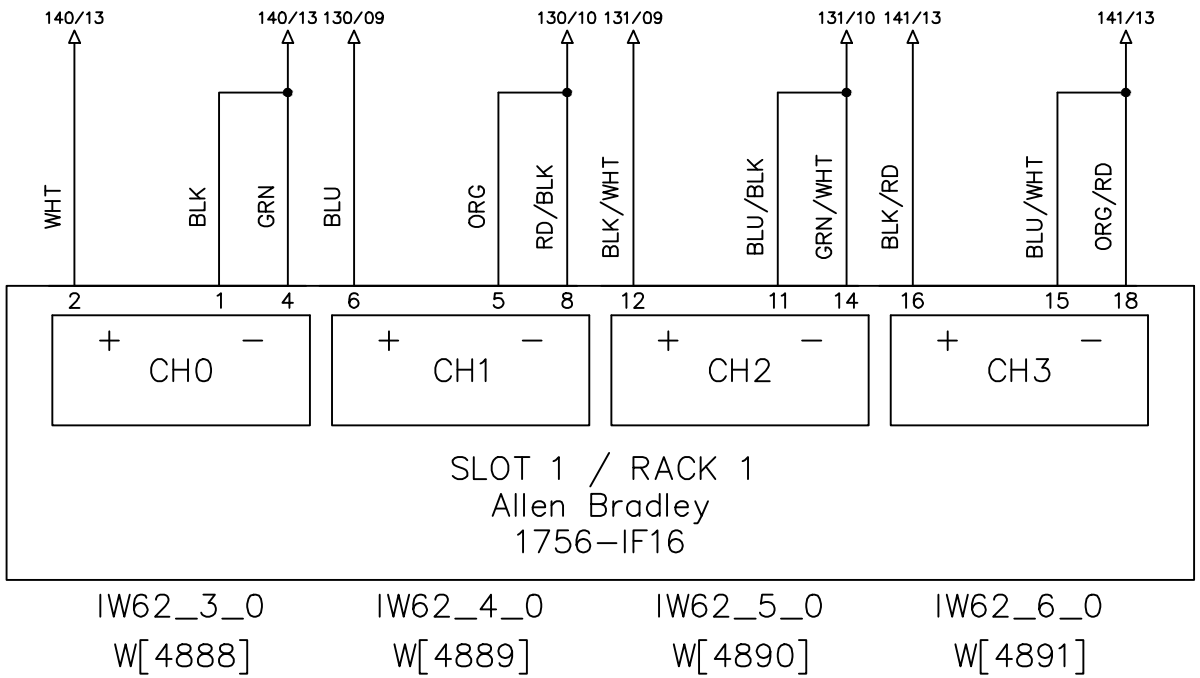
REMOTE I/O

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 DIVI. M/E DEPT.	Line2 RACK 1, 1756-A13 13-SLOT CONTROL LOGIX CHASSIS					DRAWING DESCRIPTION	KF023 F12	Page #	48				
								Total					
DRAWN BY	Rufus Huang	1	Add Terminal Number	CharlieZ.	05/07/19	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

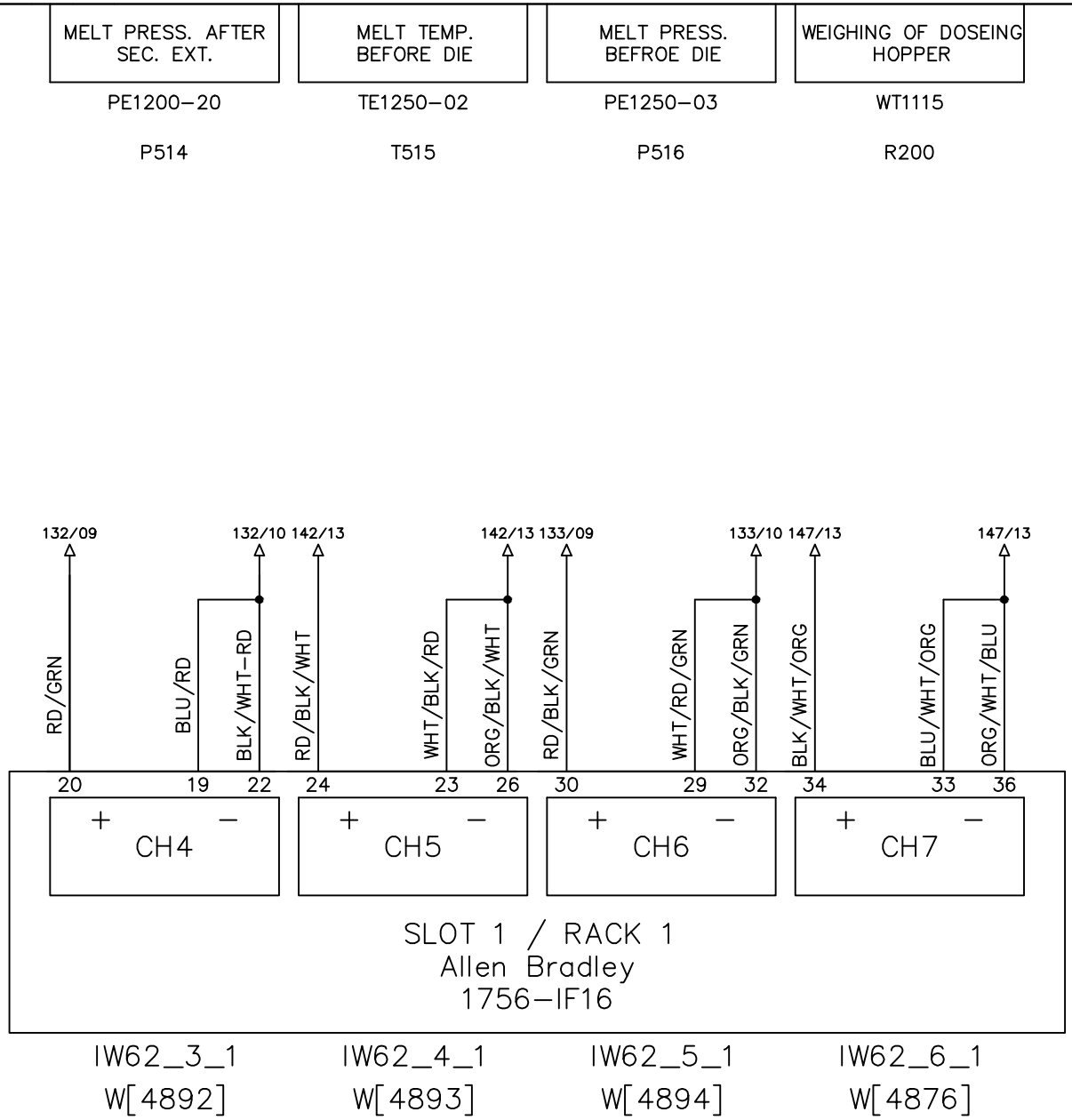


File Name : P57 slot 1 Allen Bradley 1756–IF16–1.dwg

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

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 8 P.L.C. ANALOG INPUT 4–20mA					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	57				
								Total					
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/07/19	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

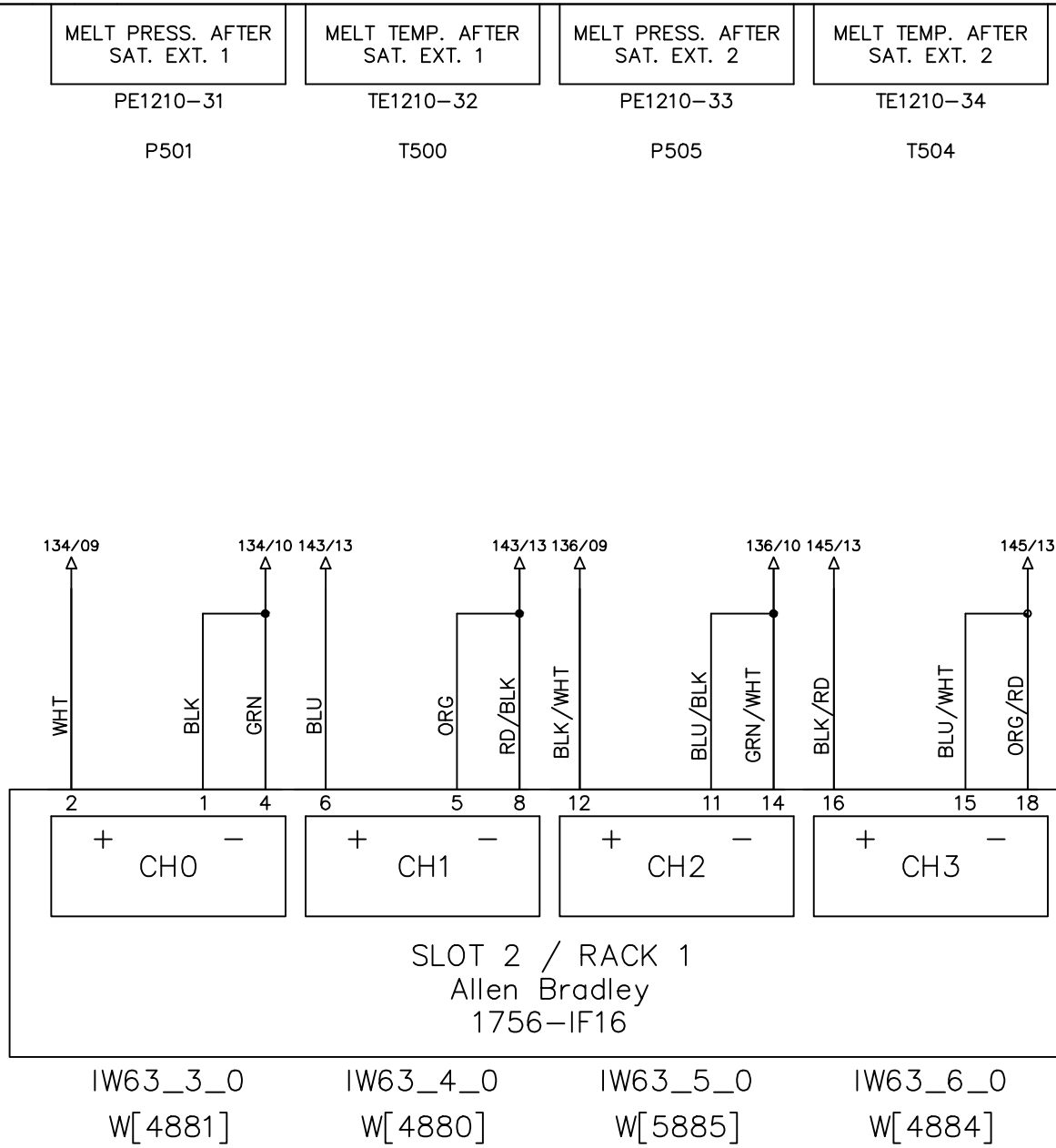


File Name : P58 slot 1 Allen Bradley 1756-IF16-2.dwg

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

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 8 P.L.C. ANALOG INPUT 4-20mA					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	58				
								Total					
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/07/19	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

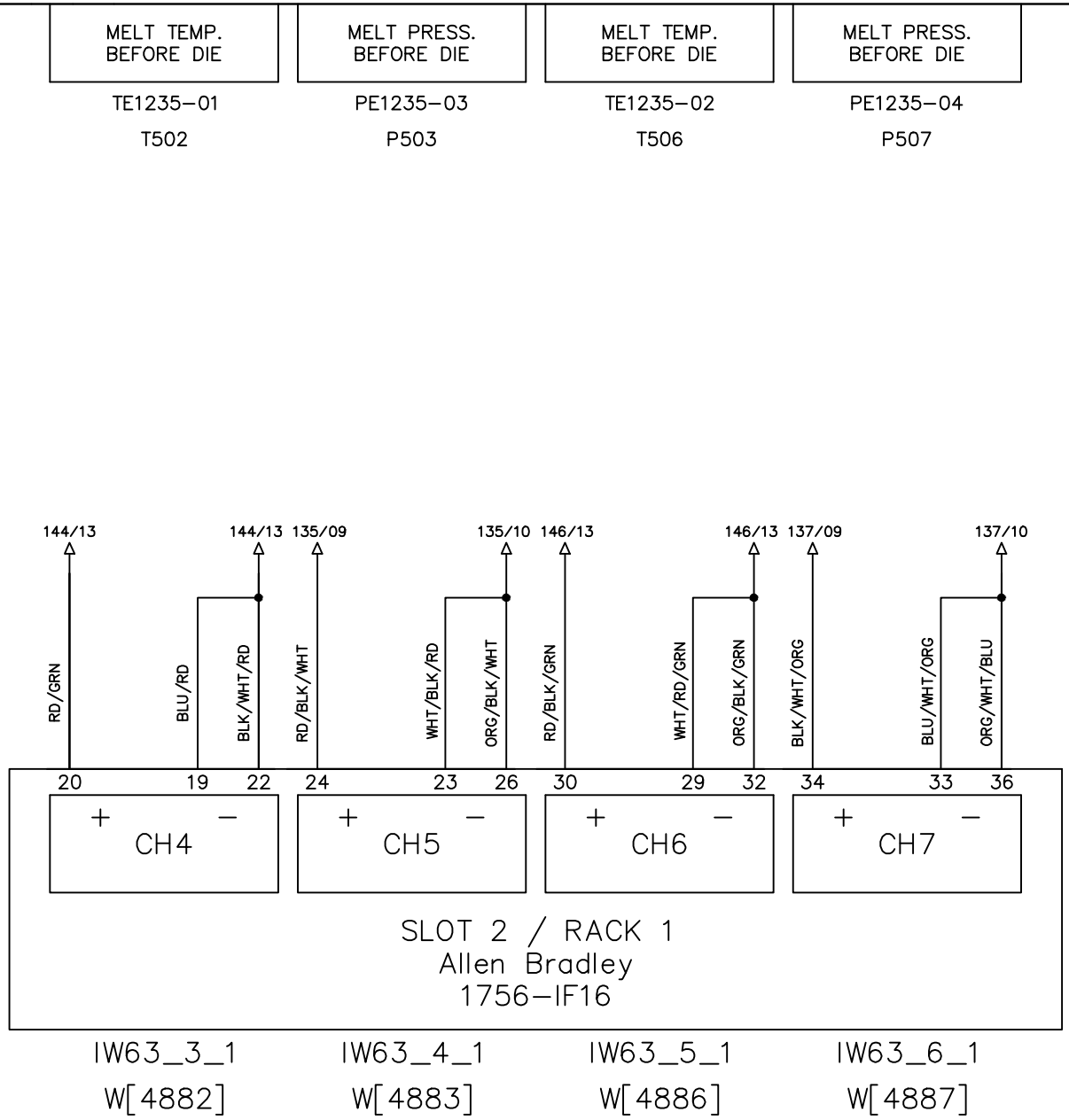


File Name : P59 slot 2 Allen Bradley 1756-IF16-1.dwg

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

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 8 P.L.C. ANALOG INPUT 4-20mA					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	59			
								Total				
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/07/19	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

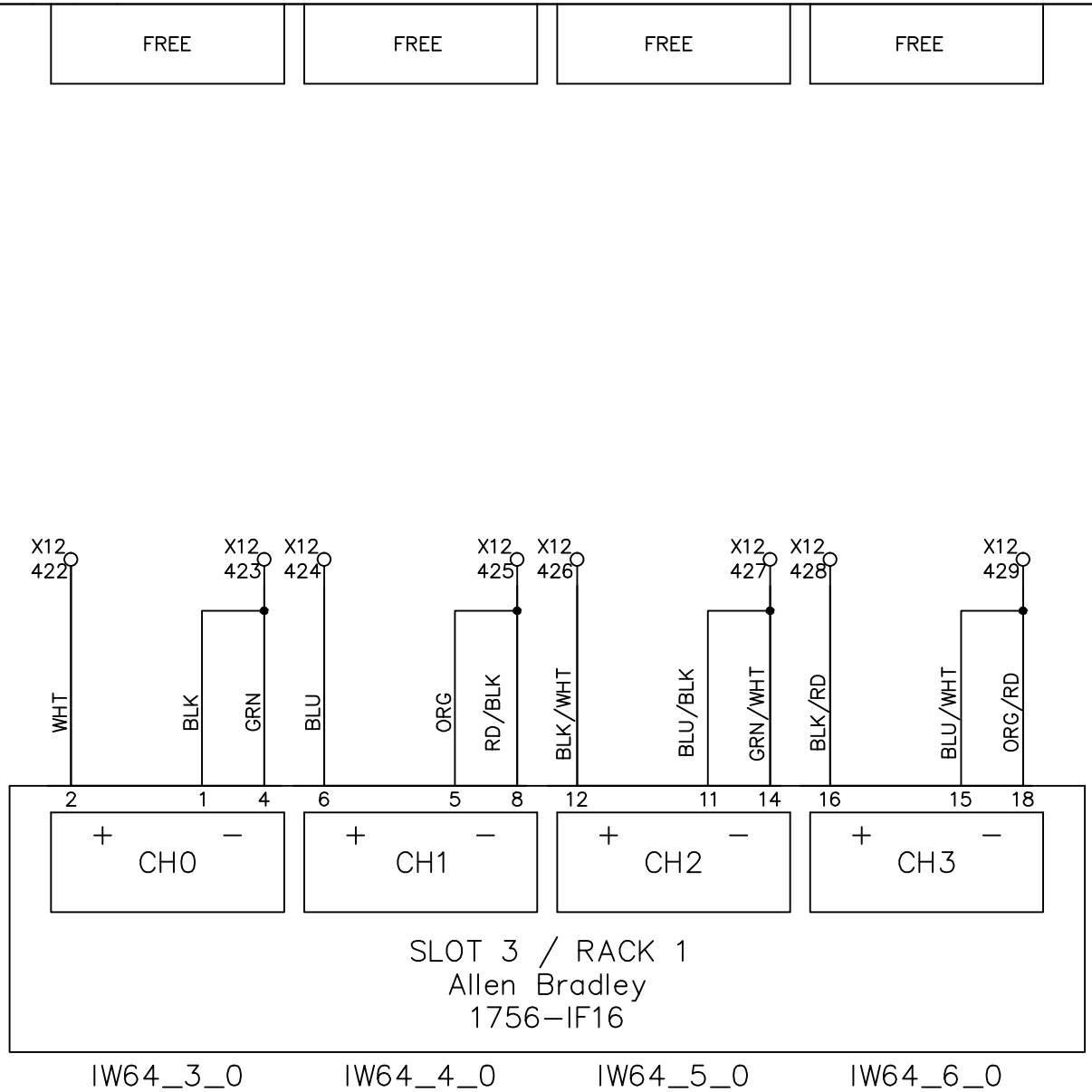


File Name : P60 slot 2 Allen Bradley 1756–IF16–2.dwg

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

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 8 P.L.C. ANALOG INPUT 4–20mA					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	60				
								Total					
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/07/19	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

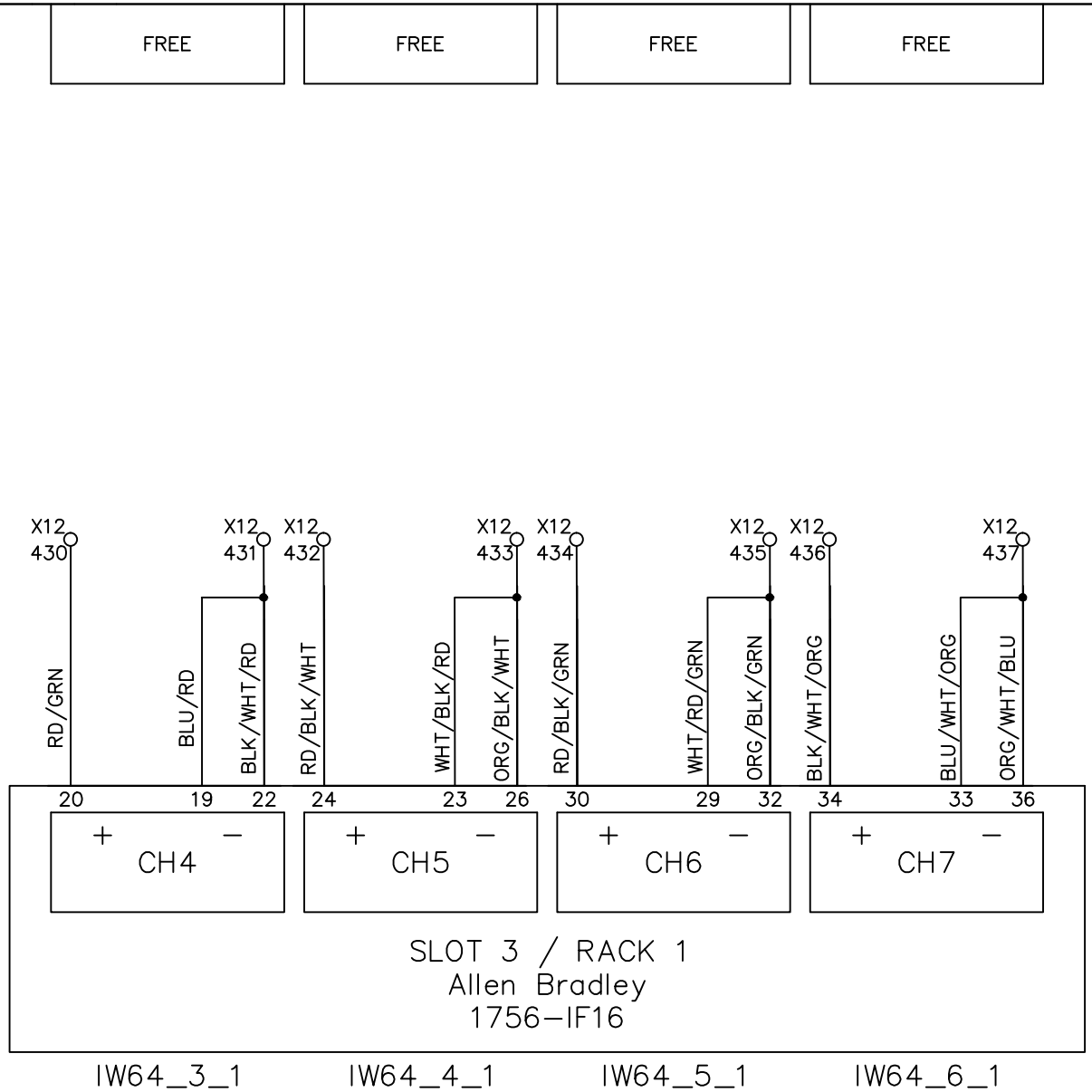


File Name : P61 slot 3 Allen Bradley 1756−IF16−1.dwg

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

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 8 P.L.C. ANALOG INPUT 4−20mA					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	61				
								Total					
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/07/19	DRAWING NO.		MATERIAL					
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05−01−2018	SCALE	NONE	UNIT	MM		

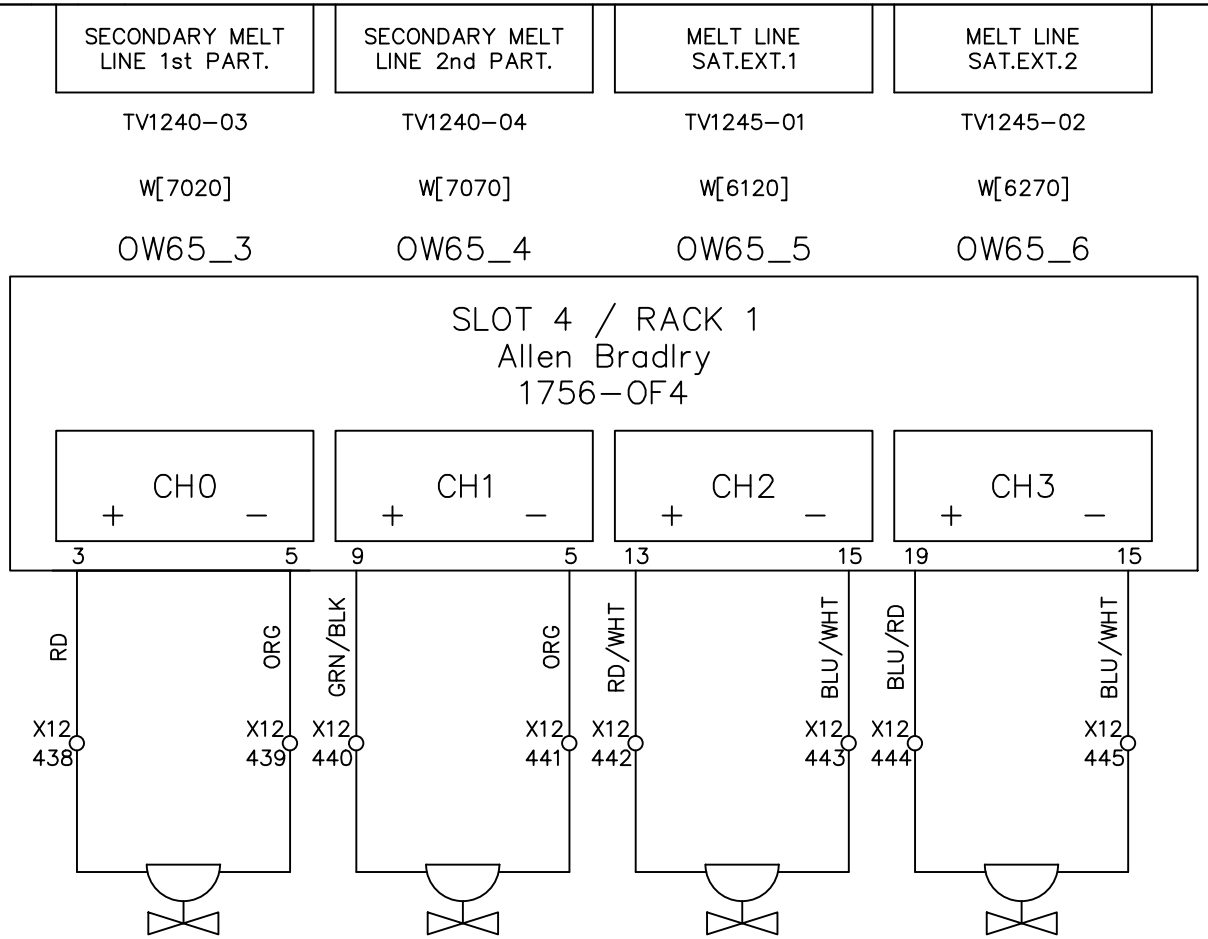
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



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

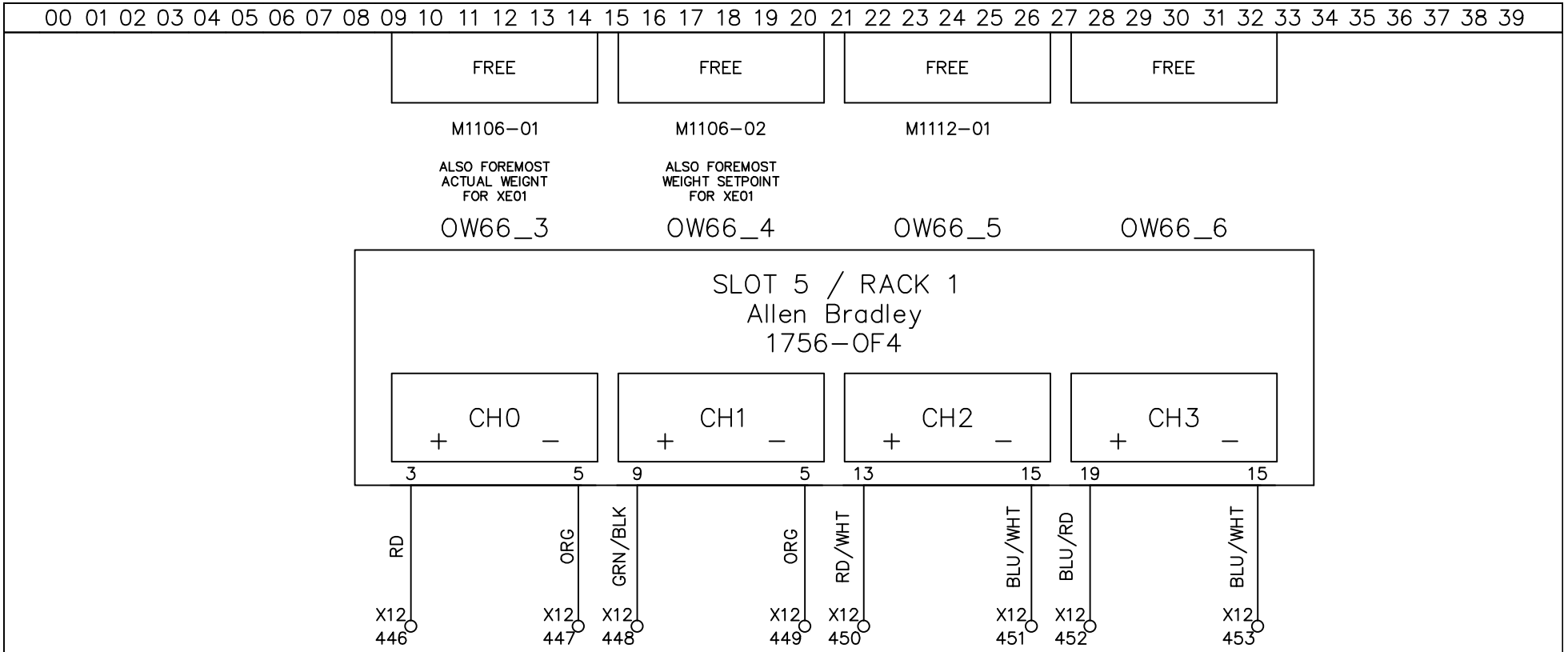
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 8 P.L.C. ANALOG INPUT 4−20mA					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	62				
								Total					
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/07/19	DRAWING NO.		MATERIAL					
CHECKED BY	JERRU WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05−01−2018	SCALE	NONE	UNIT	MM		



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

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 4 P.L.C. ANALOG OUTPUT Rack 1					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	63			
								Total				
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/07/19	DRAWING NO.		MATERIAL				
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM	

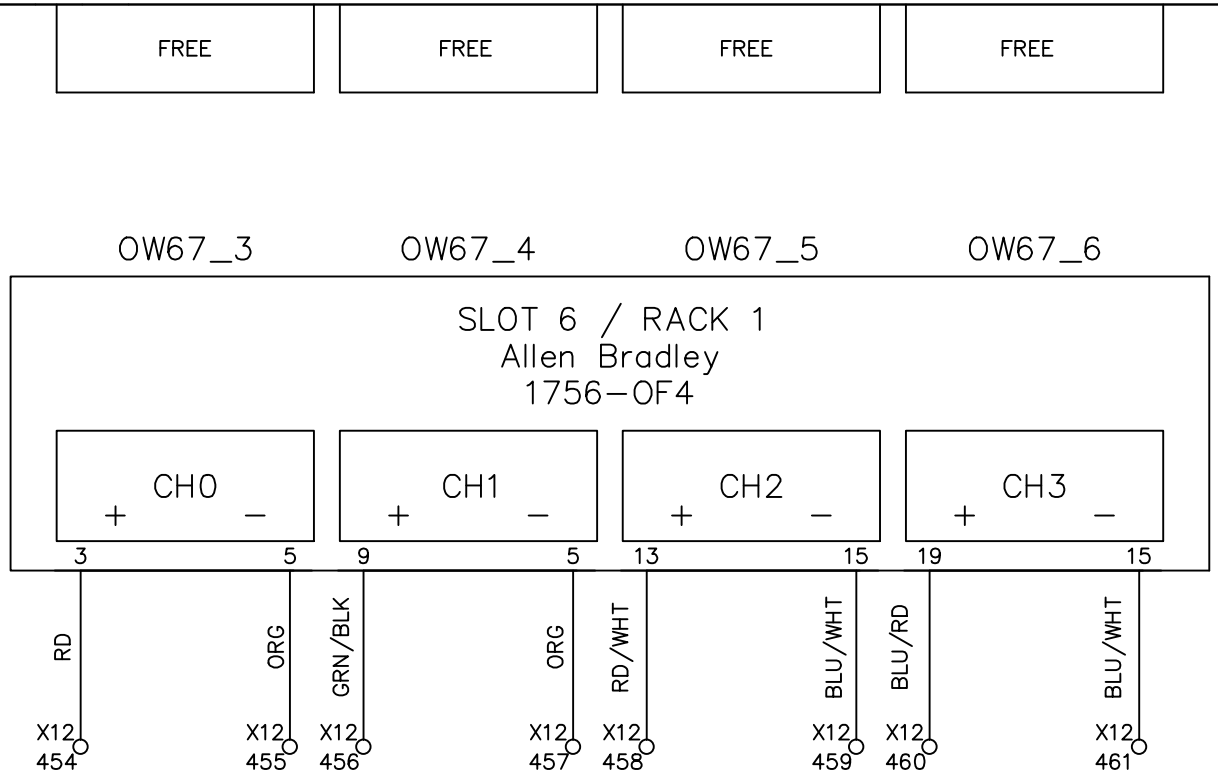


File Name : P64 slot 5 Allen Bradley 1756-OF4 rack1.dwg

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

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 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.	05/07/19	DRAWING NO.		MATERIAL					
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM		

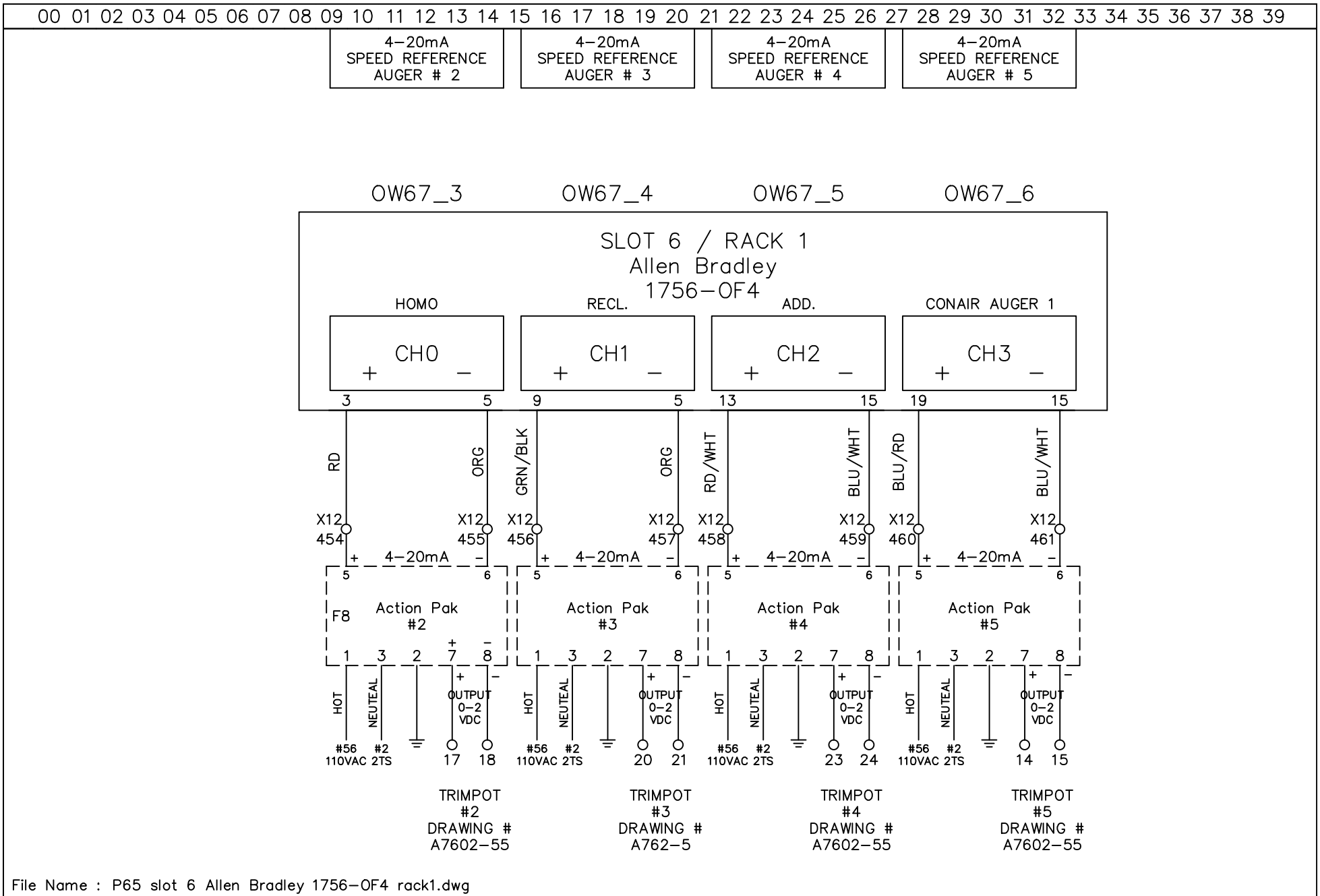
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



File Name : P65 slot 6 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

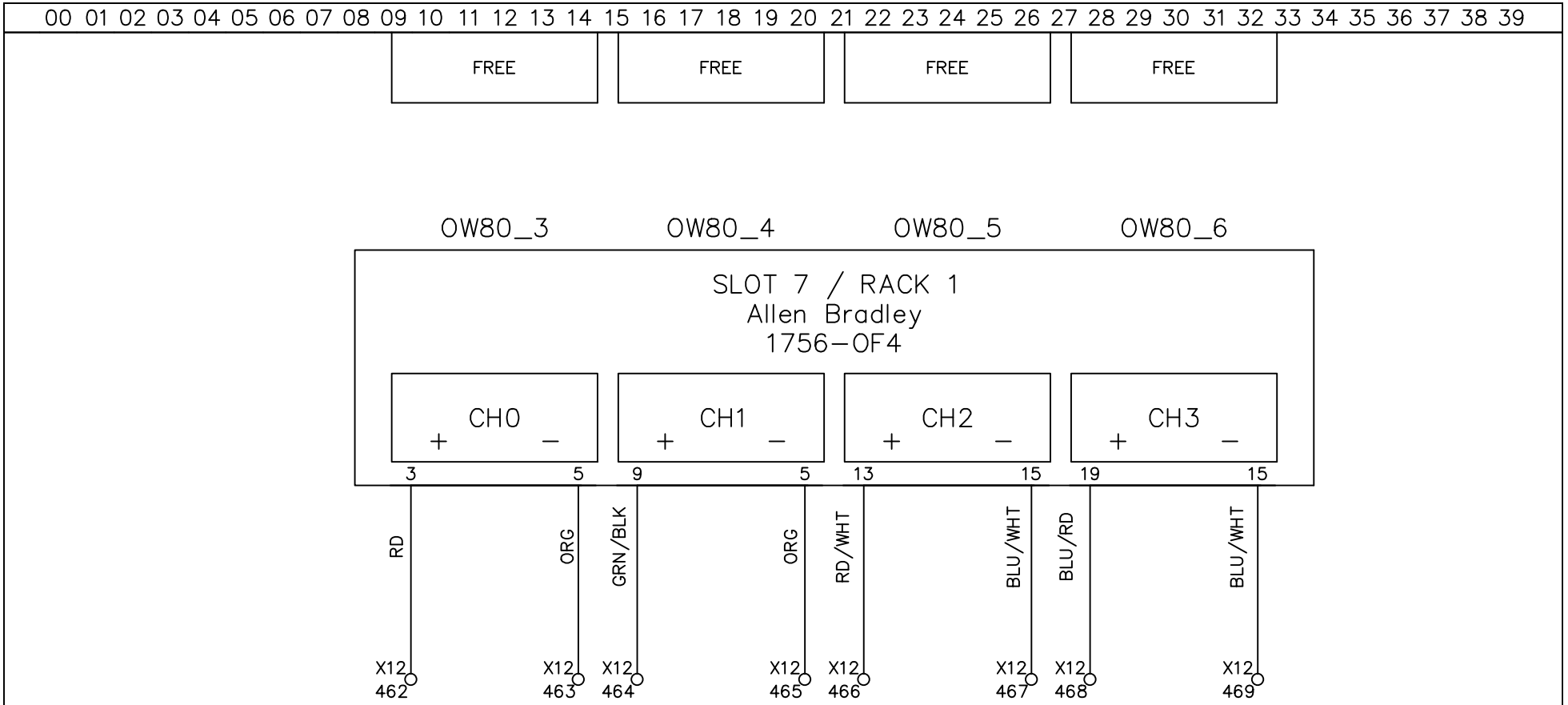
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 4 P.L.C. ANALOG OUTPUT Rack 1					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	65				
								Total					
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/08/19	DRAWING NO.		MATERIAL					
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM		



File Name : P65 slot 6 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.	Line2 4 P.L.C. ANALOG OUTPUT Rack 1					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	65				
DRAWN BY	Rufus Huang							Total					
						DRAWING NO.		MATERIAL					
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05–01–2018	SCALE	NONE	UNIT	MM		



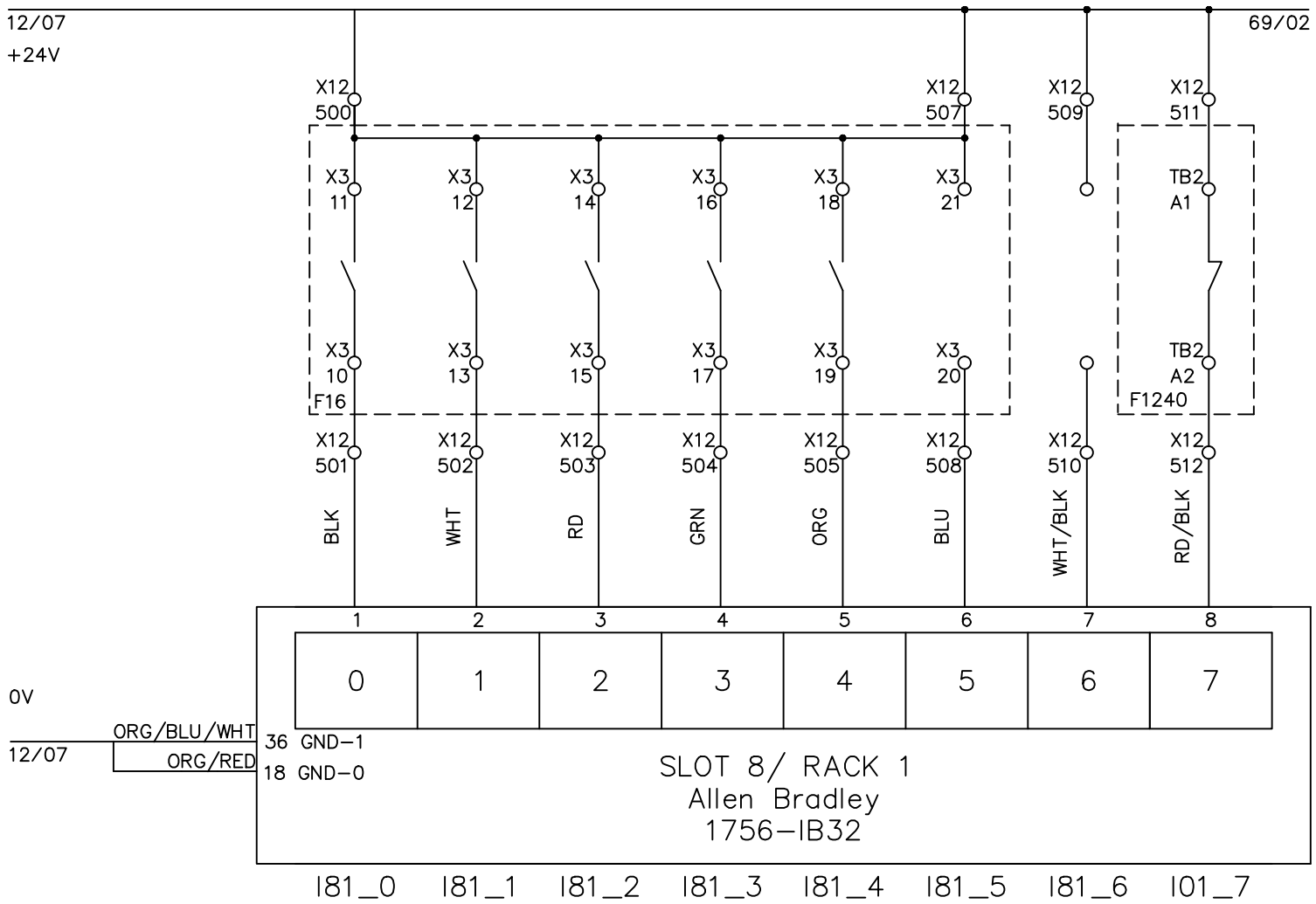
File Name : P67 slot 7 Allen Bradley 1756-OF4 rack1.dwg

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

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 4 P.L.C. ANALOG OUTPUT Rack 1					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	67				
								Total					
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/08/19	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

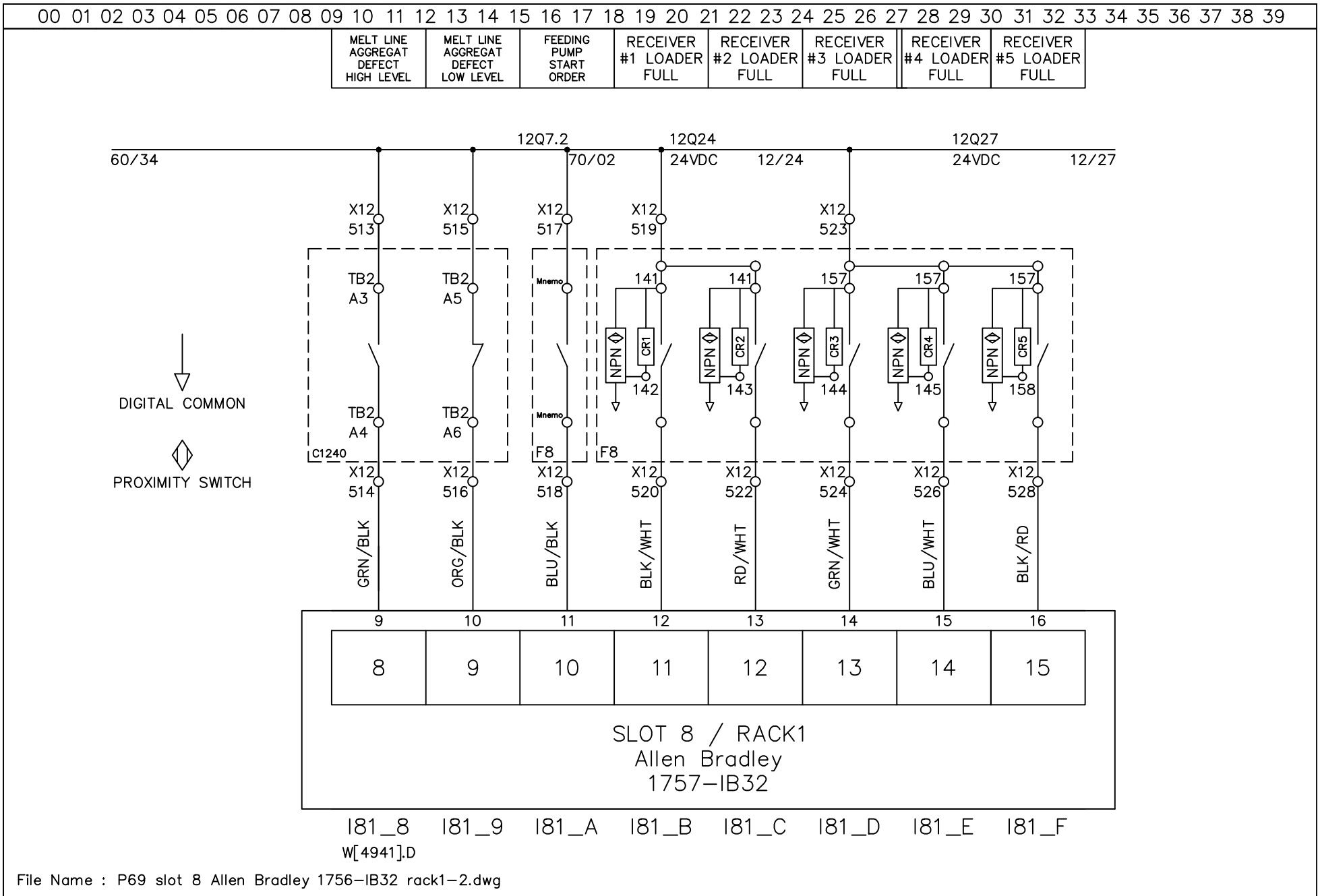
EXT. 1 RUNNING	EXT. 2 RUNNING	SAT. 1 RUNNING	SAT. 2 RUNNING	PRODUC. STRETCH.		FREE	MELT LINE AGGREGAT OVER TEMP.



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

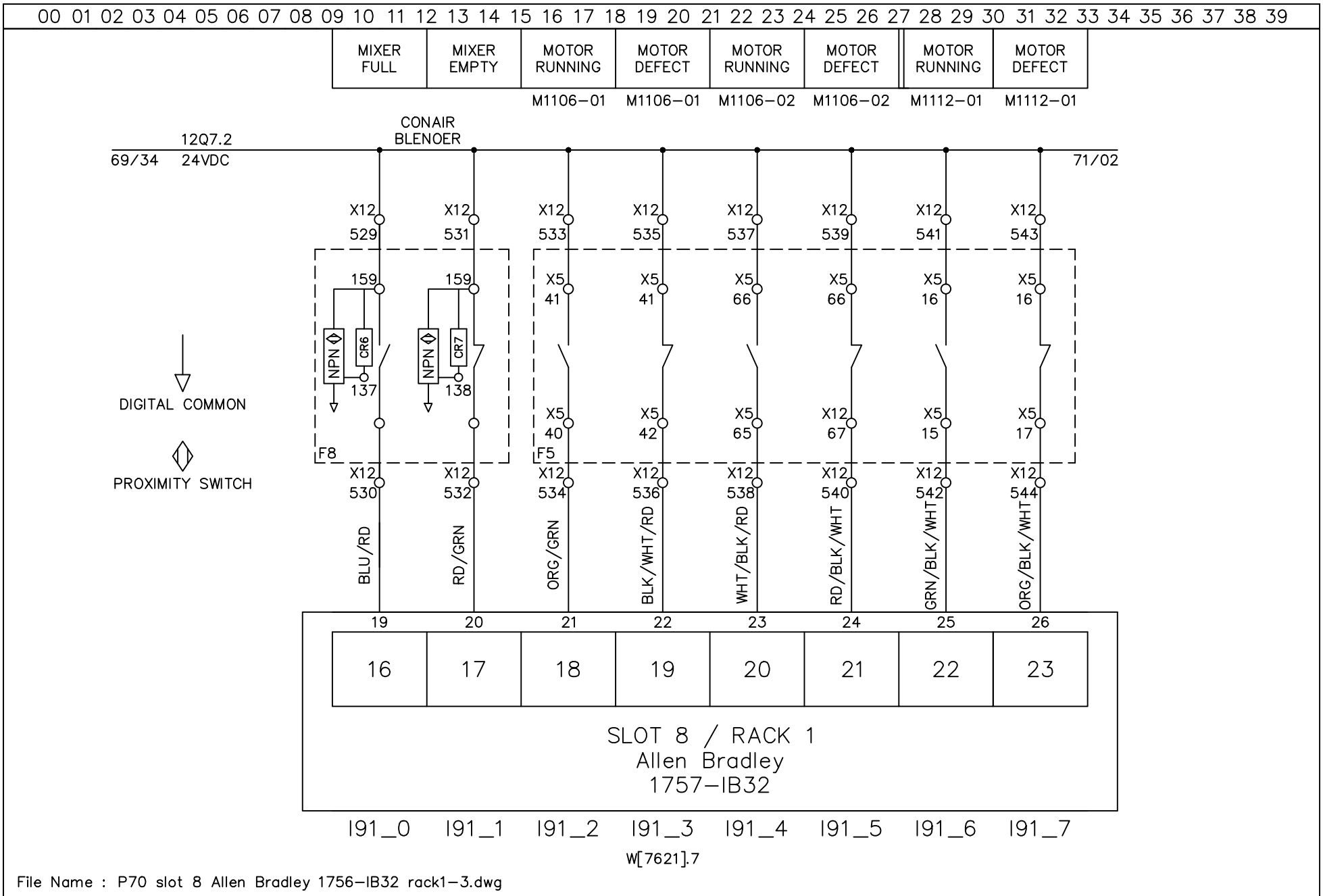
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL INPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	68			
								Total				
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/08/19	DRAWING NO.		MATERIAL				
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM	



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.		Line2 32 P.L.C. DIGITAL INPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1	Page #	69			
									Total				
DRAWN BY	Rufus Huang		1	Add Terminal Number	Charlie Z.	05/08/19	DRAWING NO.		MATERIAL				
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM	



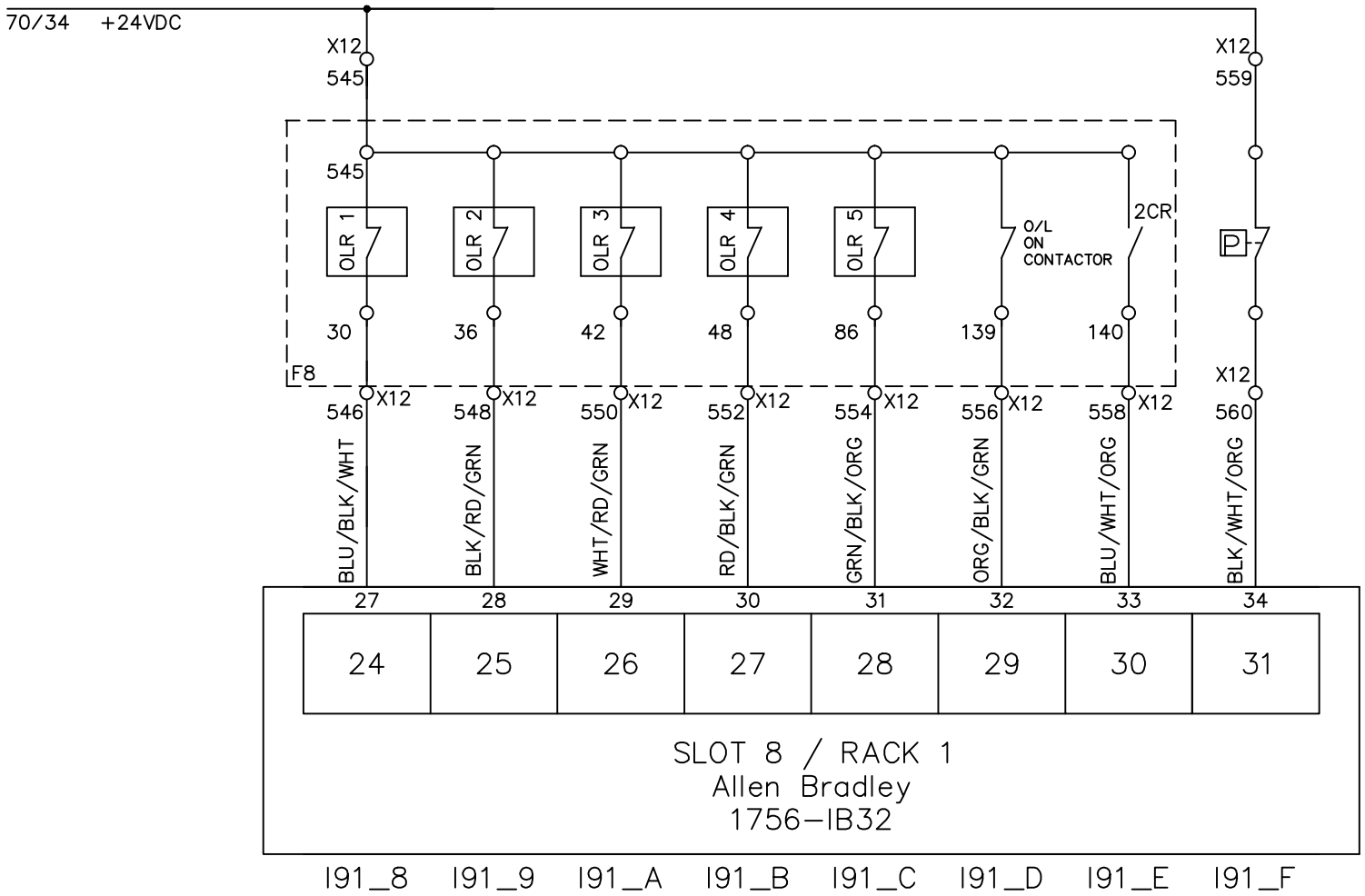
File Name : P70 slot 8 Allen Bradley 1756-IB32 rack1-3.dwg

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

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL INPUT						DRAWING DESCRIPTION	KF023 F12 X12 DOOR 1,5	Page #	70			
									Total				
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/08/19		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

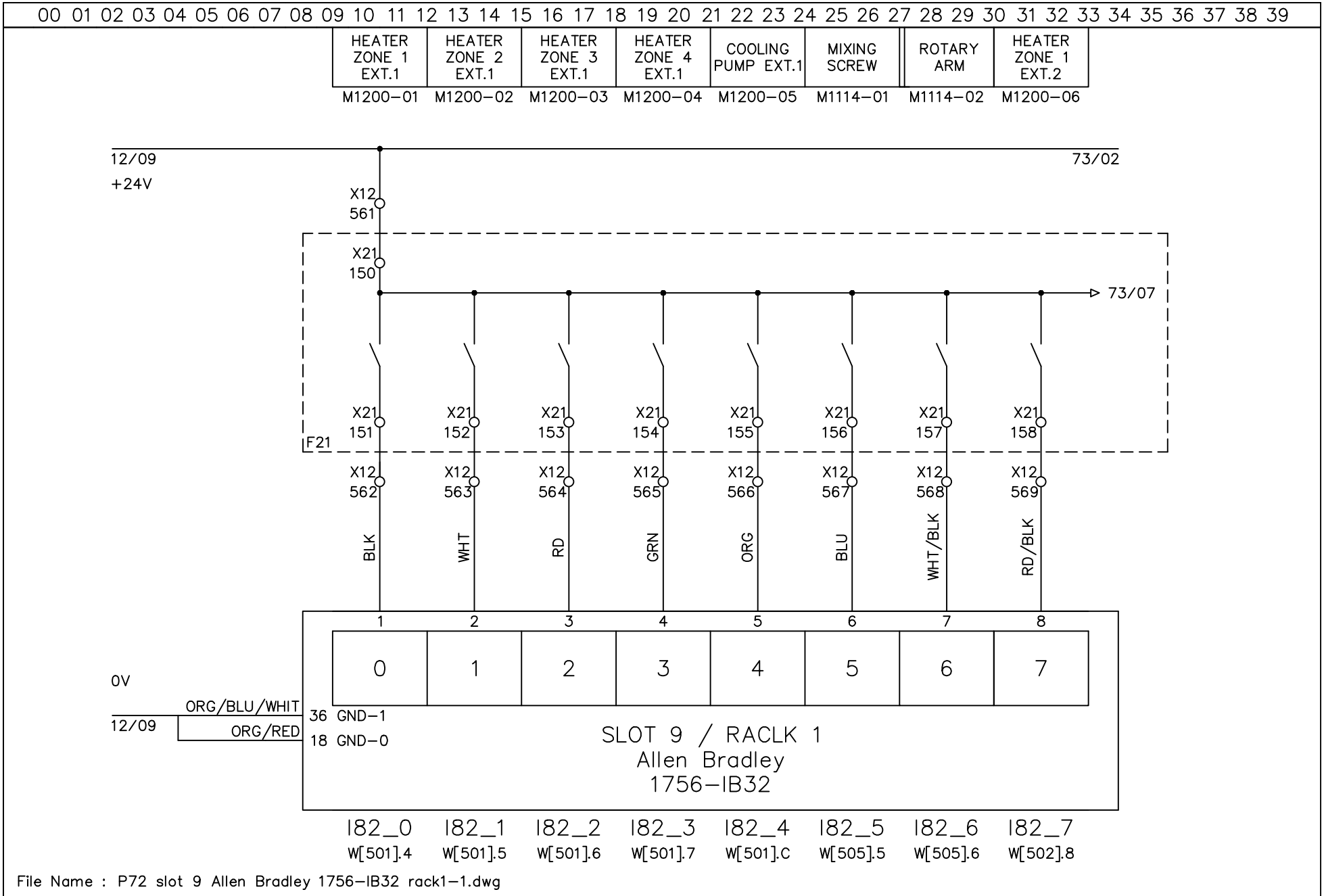
XE02,03,04	FREE	FREE	FREE	FREE	FREE	FREE	FREE	PRESSURE SWITCH–LOW
XE01 DELAY ACTION (TIMER)	P511	P512	P514	P516	P501	P503	P505	P507



File Name : P71 slot 8 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

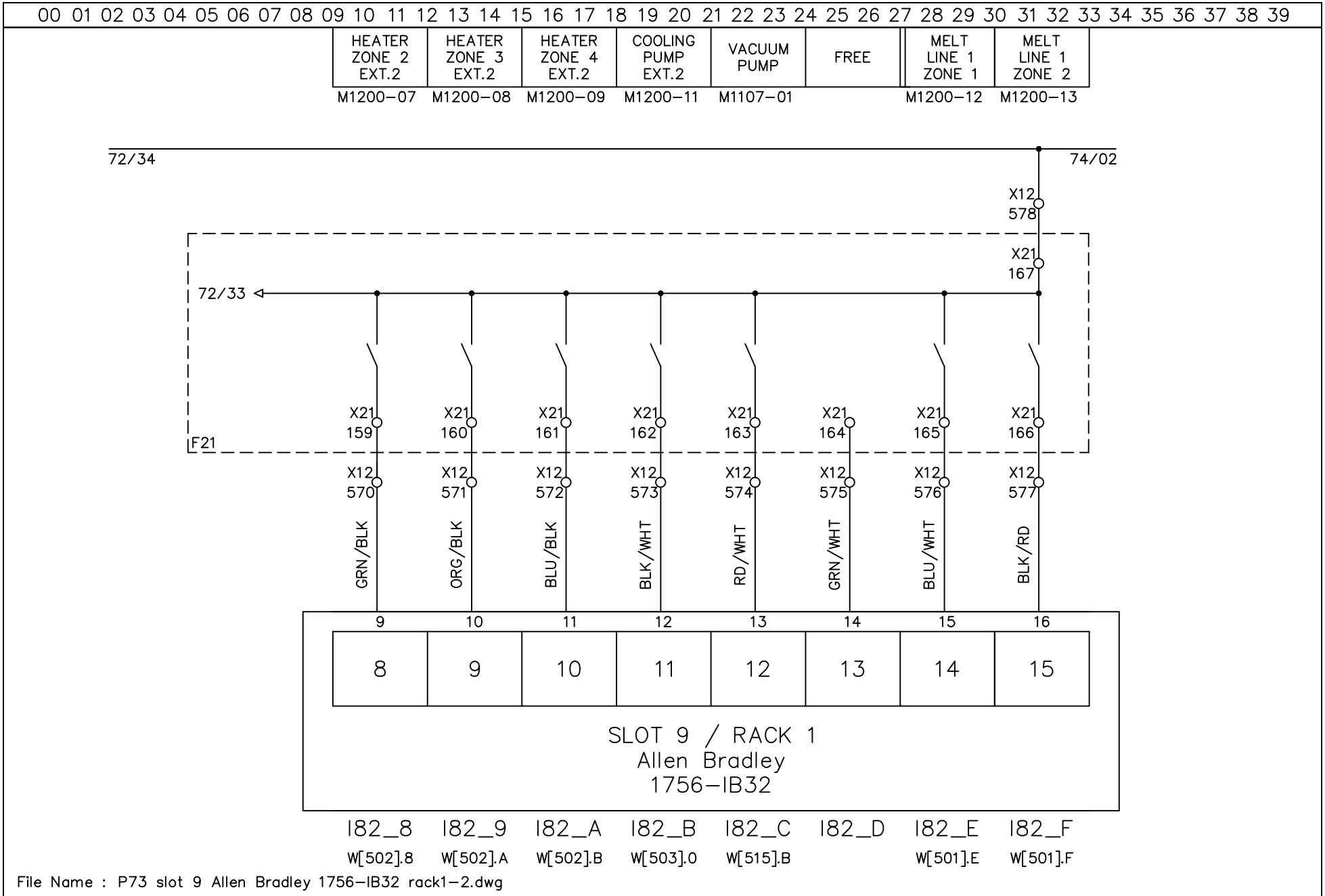
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL INPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 5	Page #	71			
								Total				
DRAWN BY Rufus Huang		1	Add Terminal Number	Charlie Z.	05/08/19	DRAWING NO.		MATERIAL				
CHECKED BY JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05–01–2018	SCALE	NONE	UNIT	MM	



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

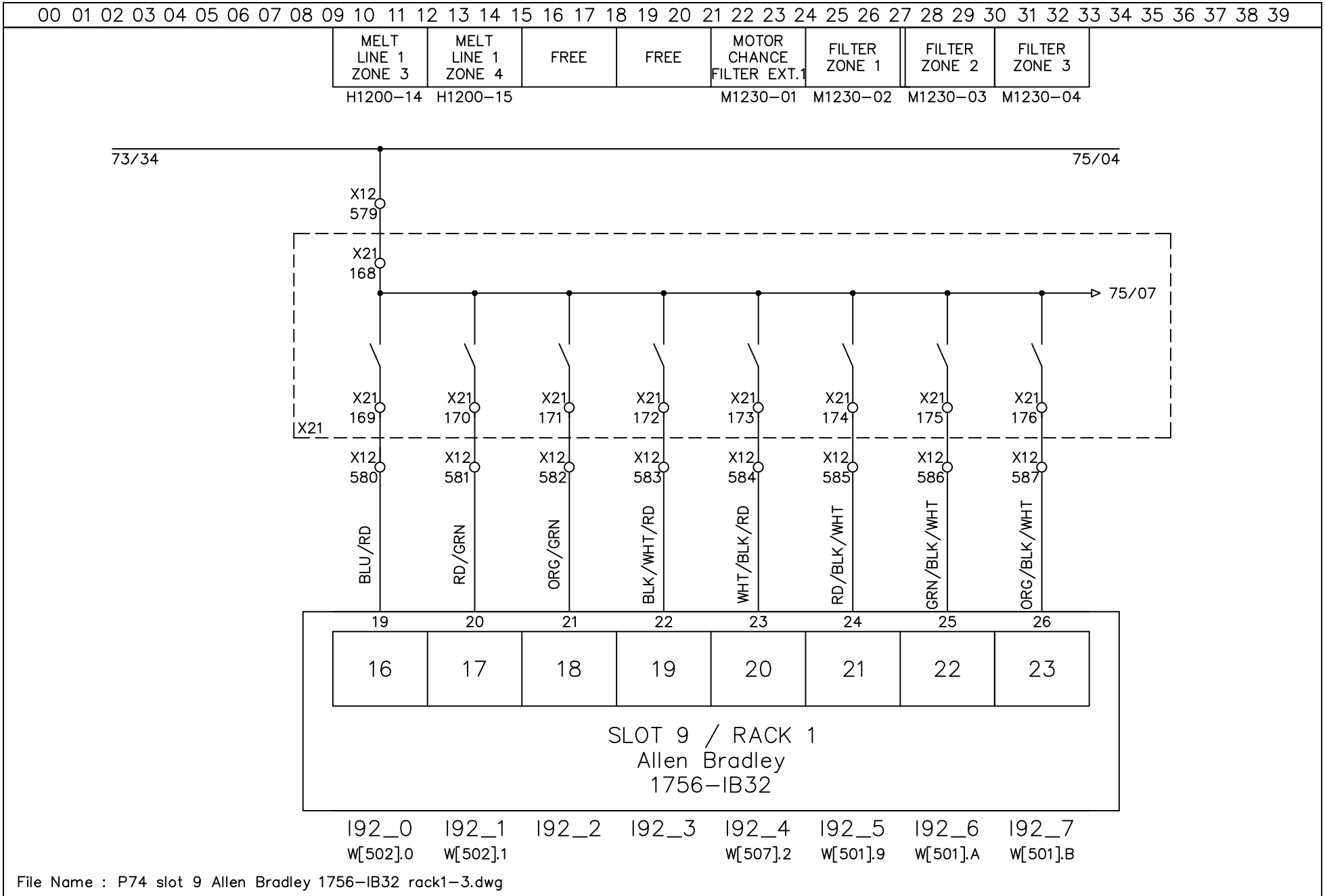
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL INPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 5	Page #	72				
								Total					
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/08/19	DRAWING NO.		MATERIAL					
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM		



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

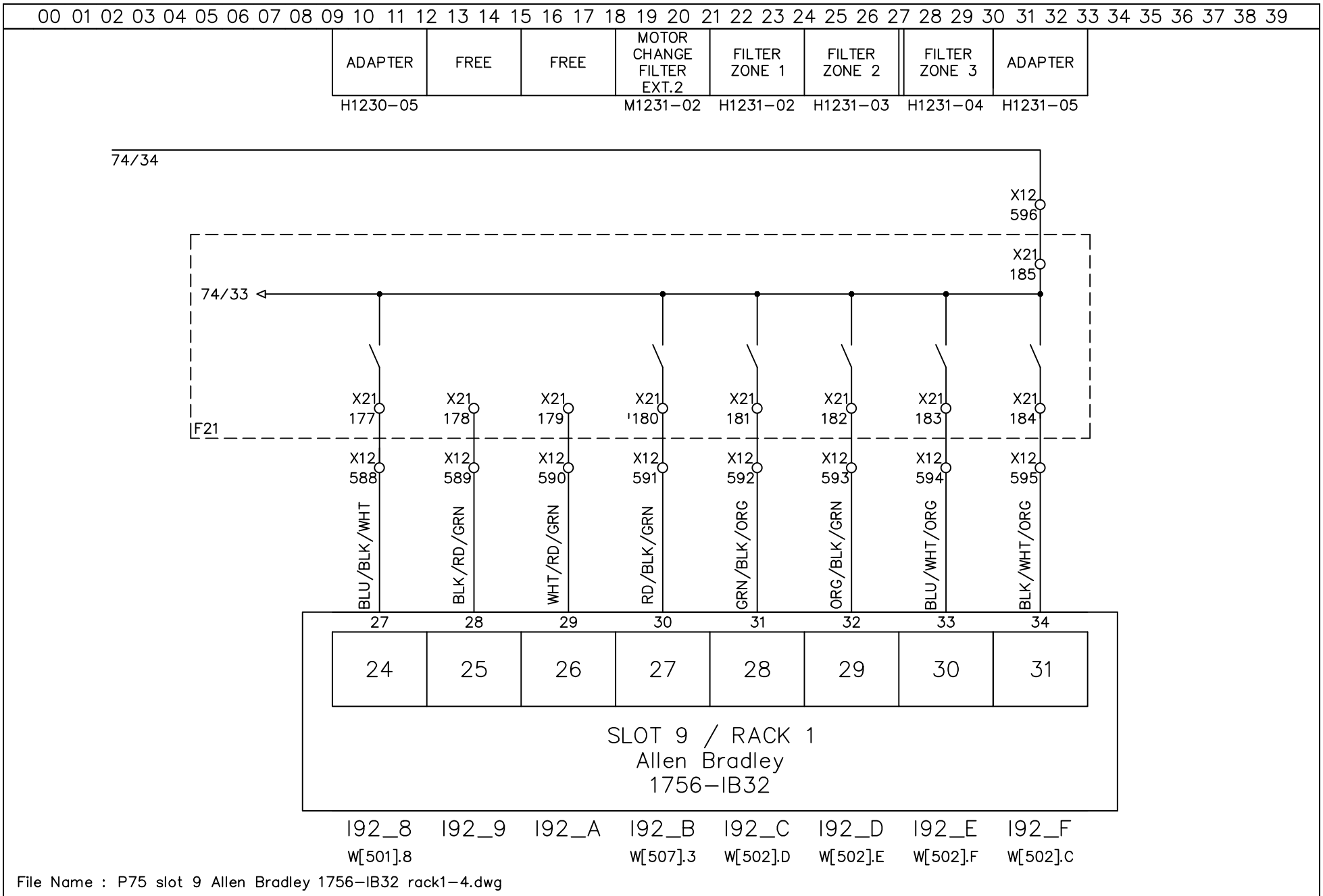
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL INPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 5		Page #	73			
									Total				
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/08/19	DRAWING NO.			MATERIAL				
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018		SCALE	NONE	UNIT	MM	



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

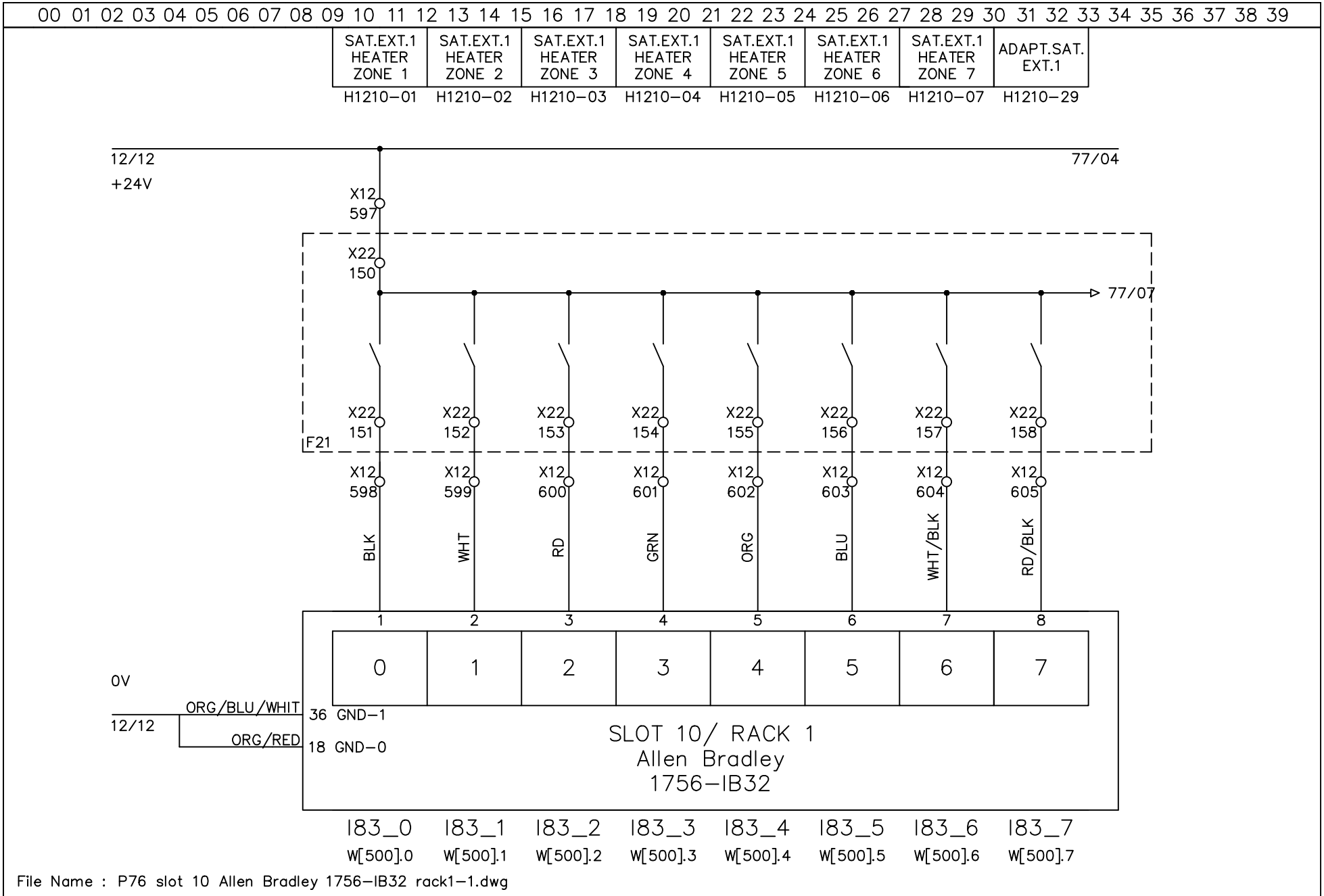
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL INPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 5	Page #	74		
								Total			
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/08/19	DRAWING NO.		MATERIAL			
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM

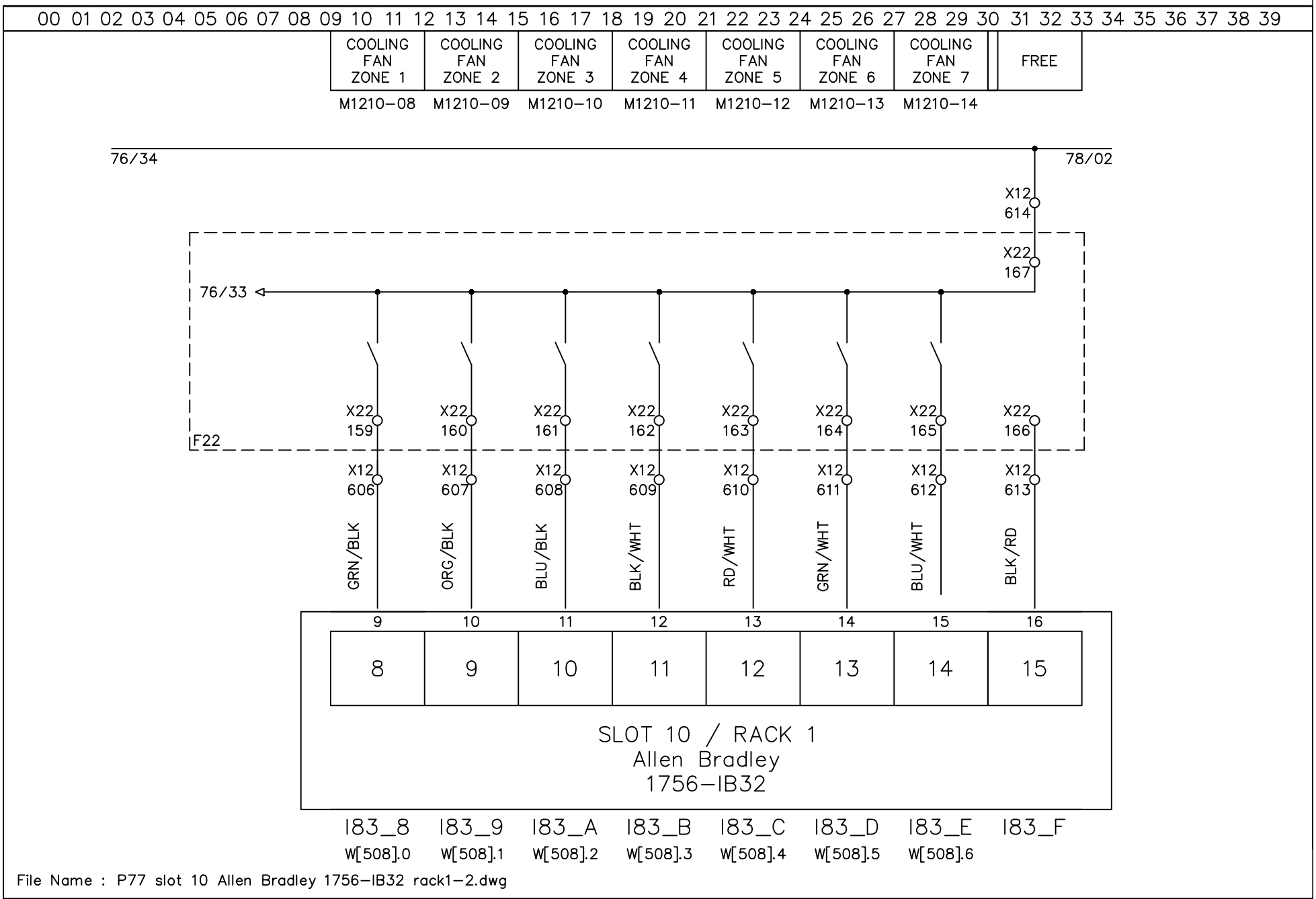


File Name : P75 slot 9 Allen Bradley 1756-IB32 rack1-4.dwg

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 DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL INPUT						DRAWING DESCRIPTION	KF023 F12 X12 DOOR 5	Page #	75			
									Total				
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/08/19		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
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
12/12
+24V
77/04
X12 597
X22 150
77/07
X22 151
X22 152
X22 153
X22 154
X22 155
X22 156
X22 157
X22 158
F21
X12 598
X12 599
X12 600
X12 601
X12 602
X12 603
X12 604
X12 605
BLK
WHT
RD
GRN
ORG
BLU
WHT/BLK
RD/BLK
1 2 3 4 5 6 7 8
0 1 2 3 4 5 6 7
0V
ORG/BLU/WHIT
12/12
ORG/RED
36 GND-1
18 GND-0
SLOT 10/ RACK 1
Allen Bradley
1756-IB32
I83_0 I83_1 I83_2 I83_3 I83_4 I83_5 I83_6 I83_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
INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.
DRAWN BY Rufus Huang
CHECKED BY JERRY WU
Line2 32 P.L.C. DIGITAL INPUT
1 Add Terminal Number Charlie Z. 05/08/19
REV. NO REV. DESCRIPTION REV. BY: REV. DATE
DRAWING DESCRIPTION KF023 F12 X12 DOOR 5
DRAWING NO.
DRAWN DATE: 05-01-2018
Page # 76
Total
MATERIAL
SCALE NONE UNIT MM

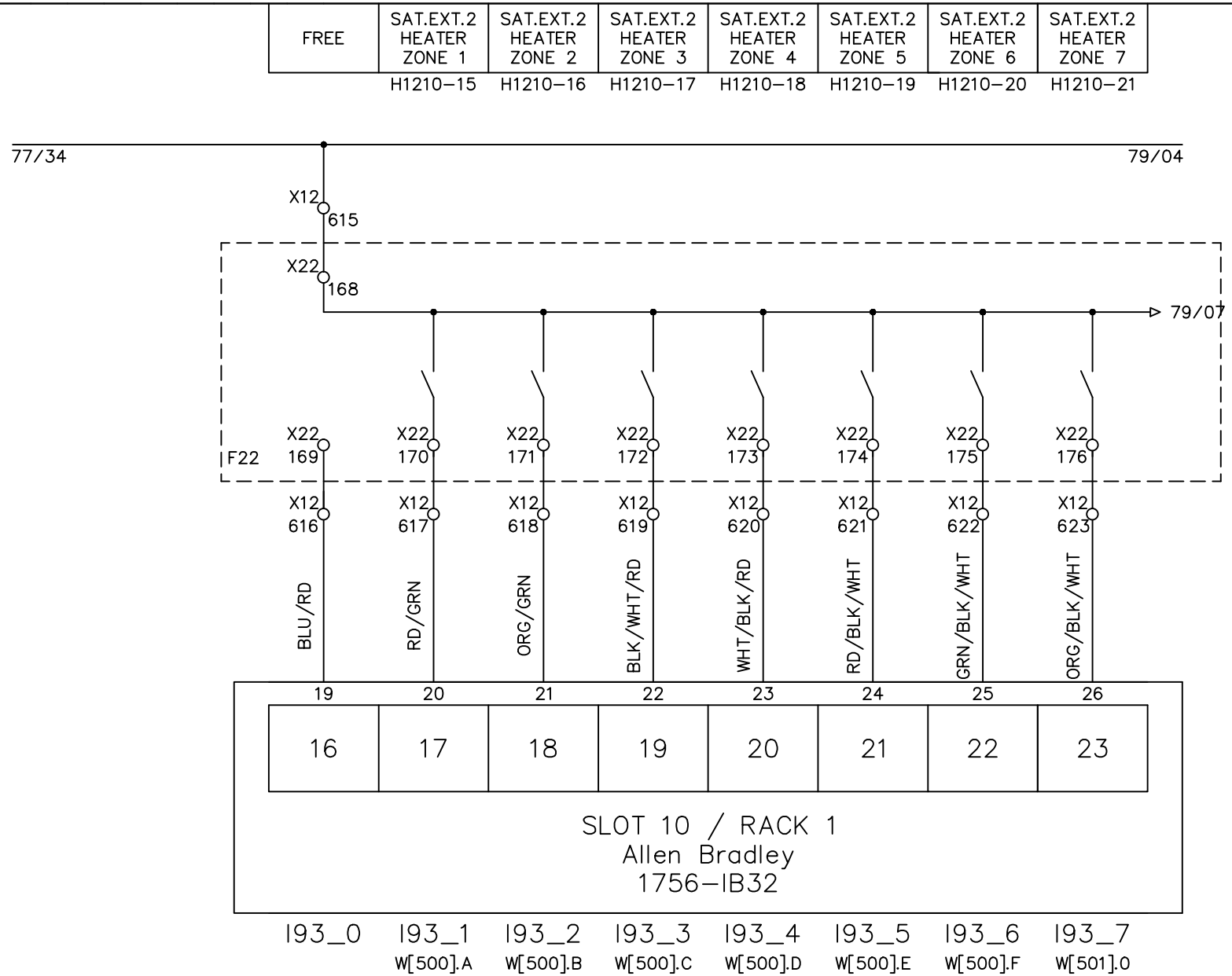


File Name : P77 slot 10 Allen Bradley 1756-IB32 rack1-2.dwg

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 DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL INPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 5	Page #	77				
								Total					
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/08/19	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

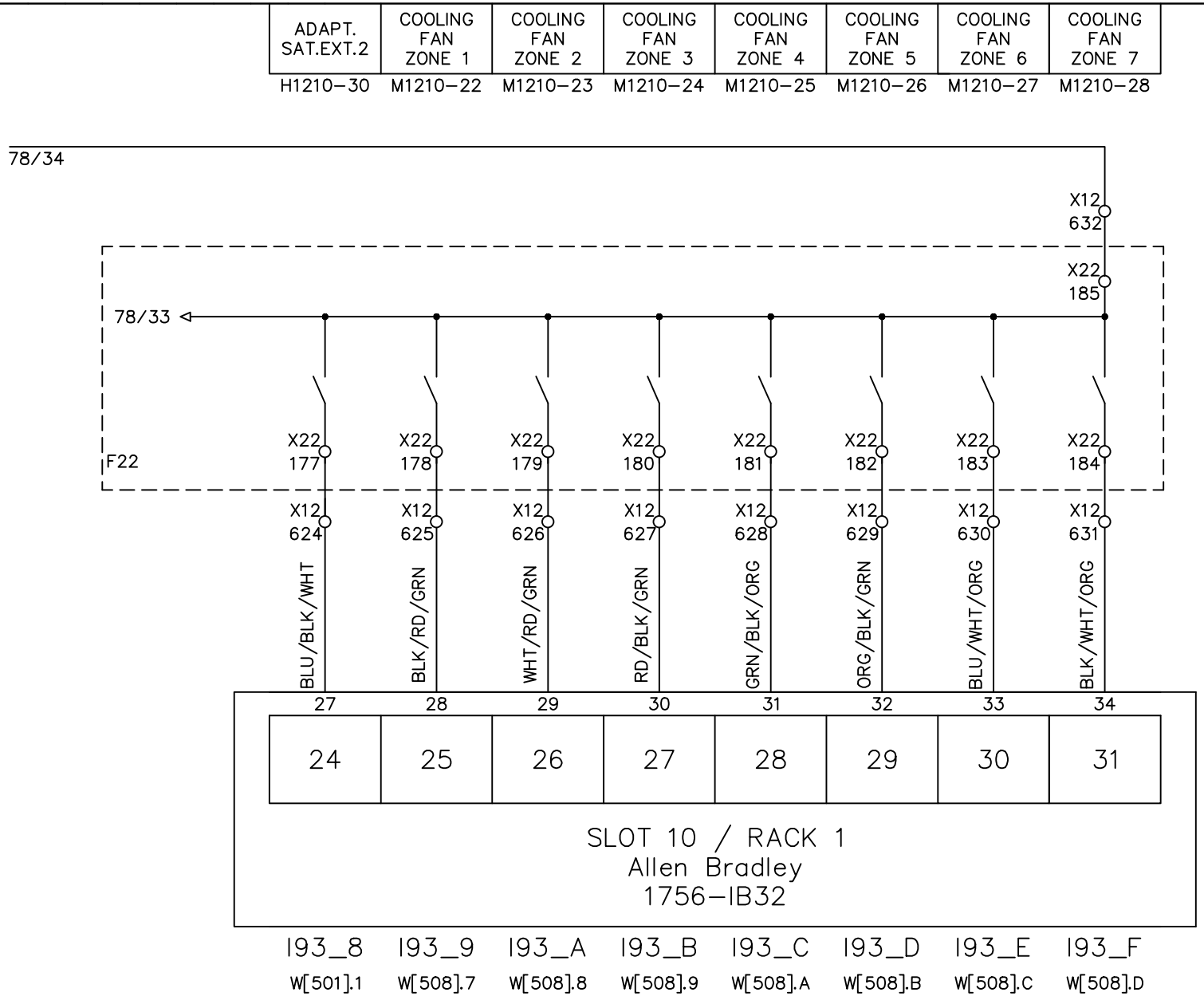


File Name : P78 slot 10 Allen Bradley 1756–IB32 rack1–3.dwg

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

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL INPUT						DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	78			
									Total				
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/08/19		DRAWING NO.		MATERIAL				
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE		DRAWN DATE:	05–01–2018	SCALE	NONE	UNIT	MM	

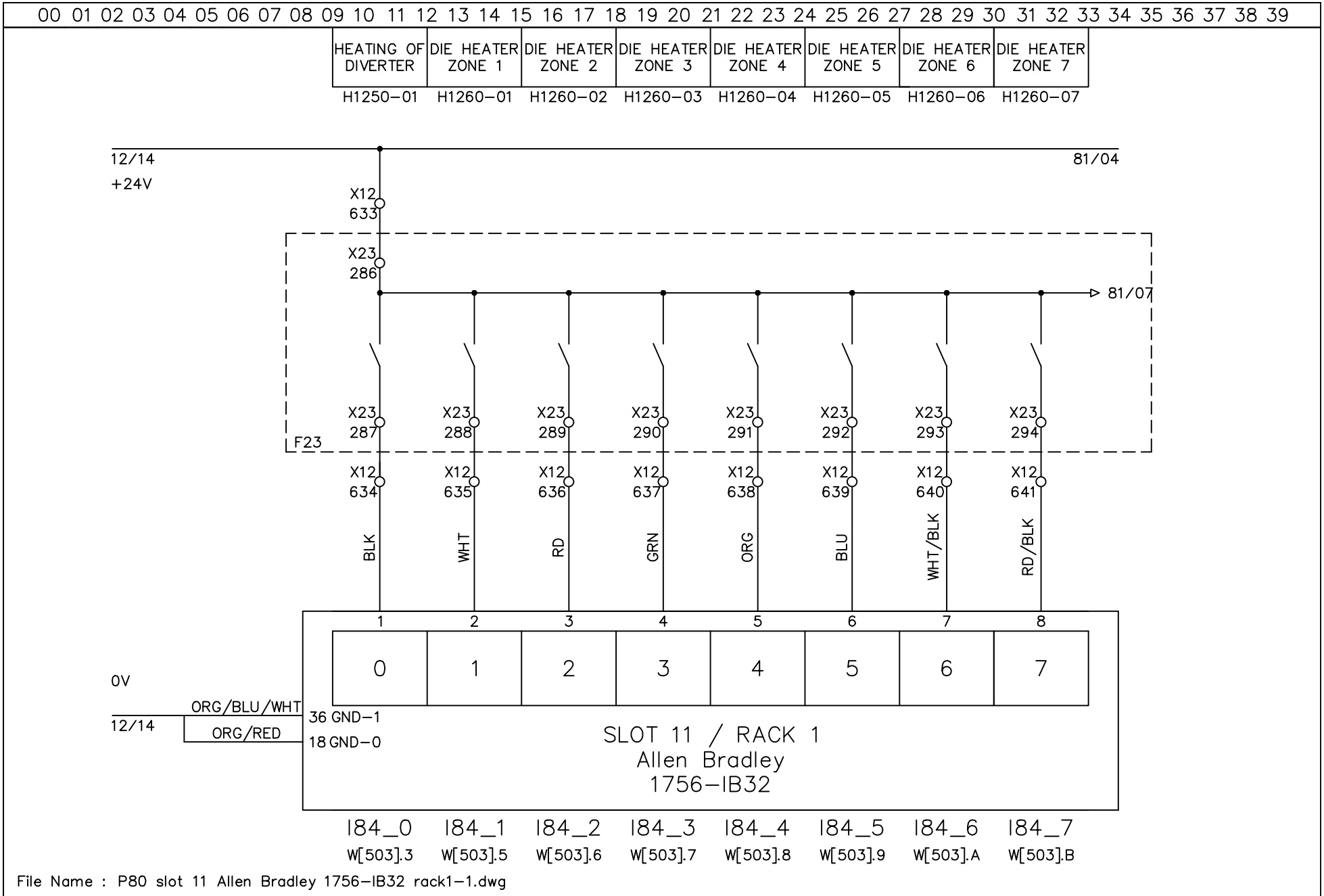
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



File Name : P79 slot 10 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

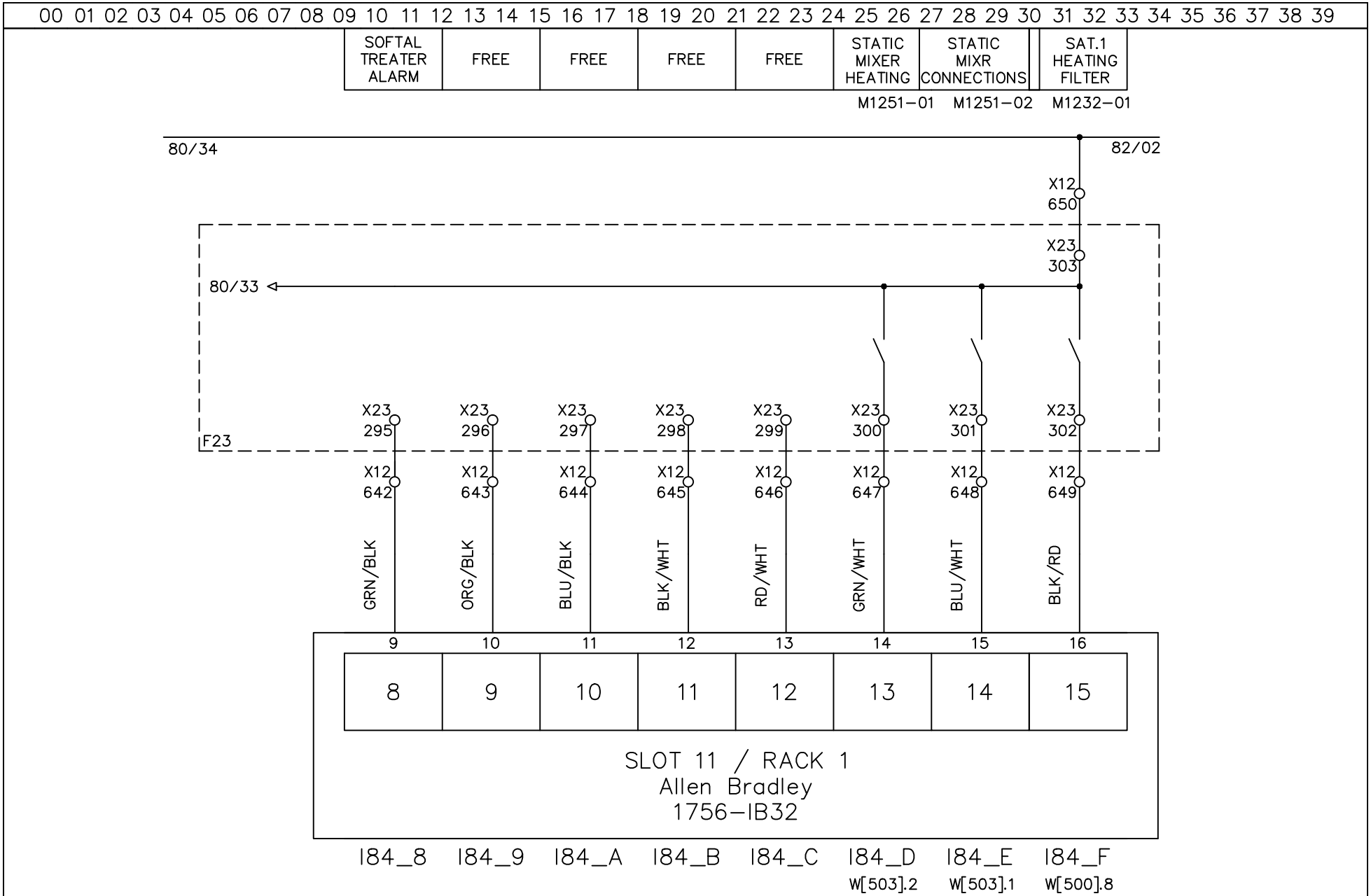
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL INPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	79				
								Total					
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/08/19	DRAWING NO.		MATERIAL					
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM		



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

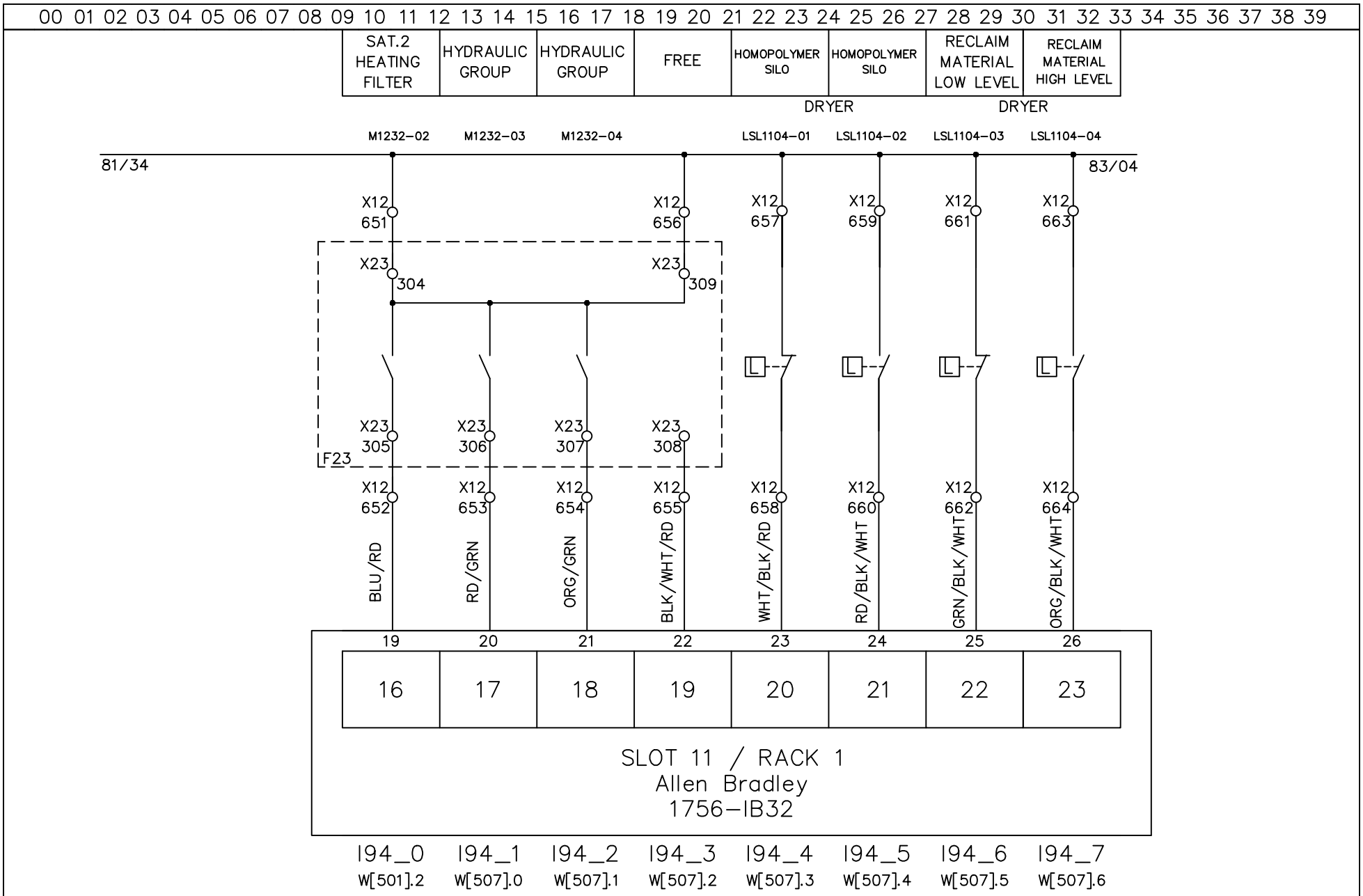
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL INPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	80			
								Total				
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/08/19	DRAWING NO.		MATERIAL				
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM	



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

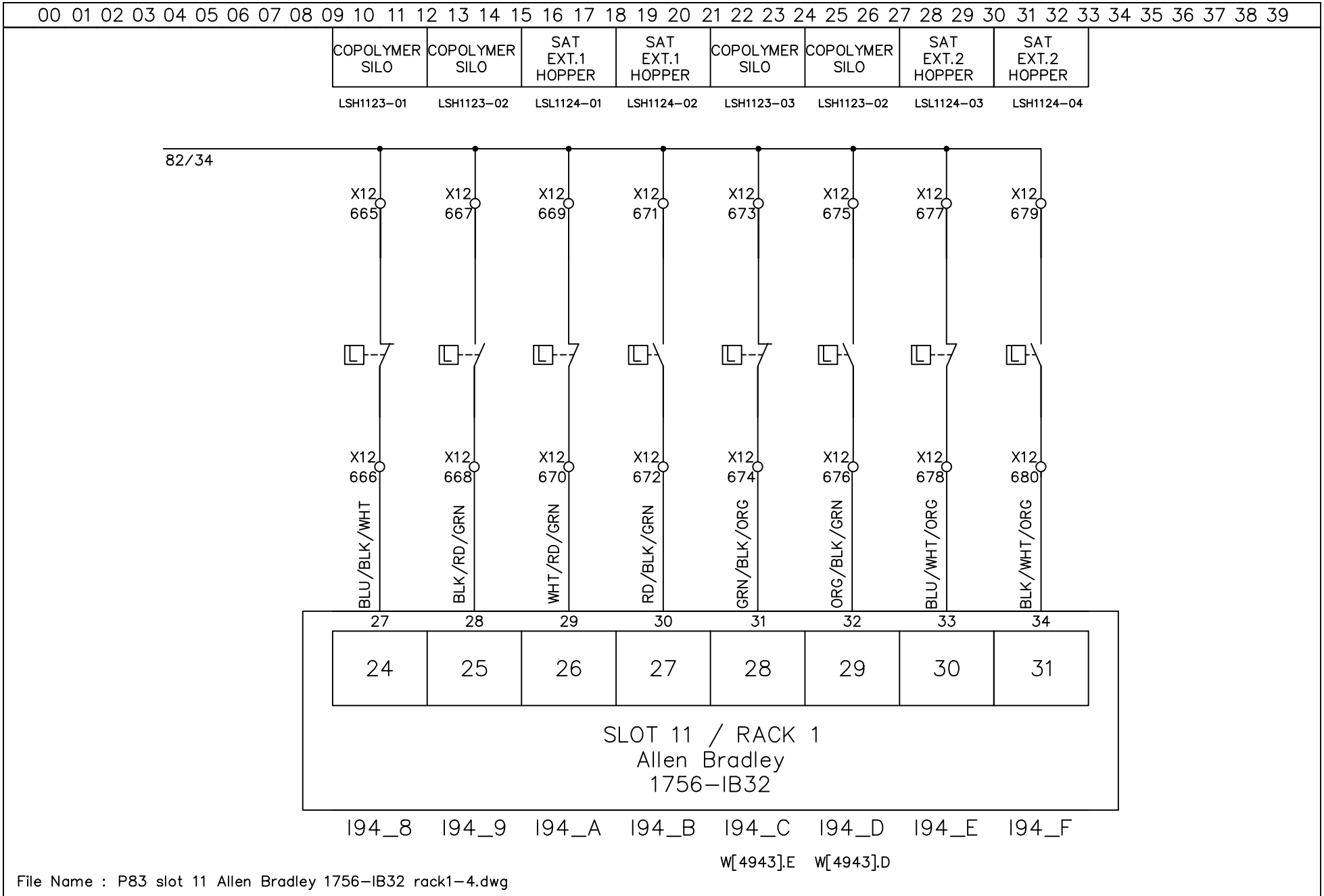
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 AB 32 P.L.C. DIGITAL INPUT						DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	81			
									Total				
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/08/19		DRAWING NO.		MATERIAL				
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE		DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM	



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

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL INPUT						DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	82			
									Total				
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/08/19		DRAWING NO.		MATERIAL				
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE		DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM	

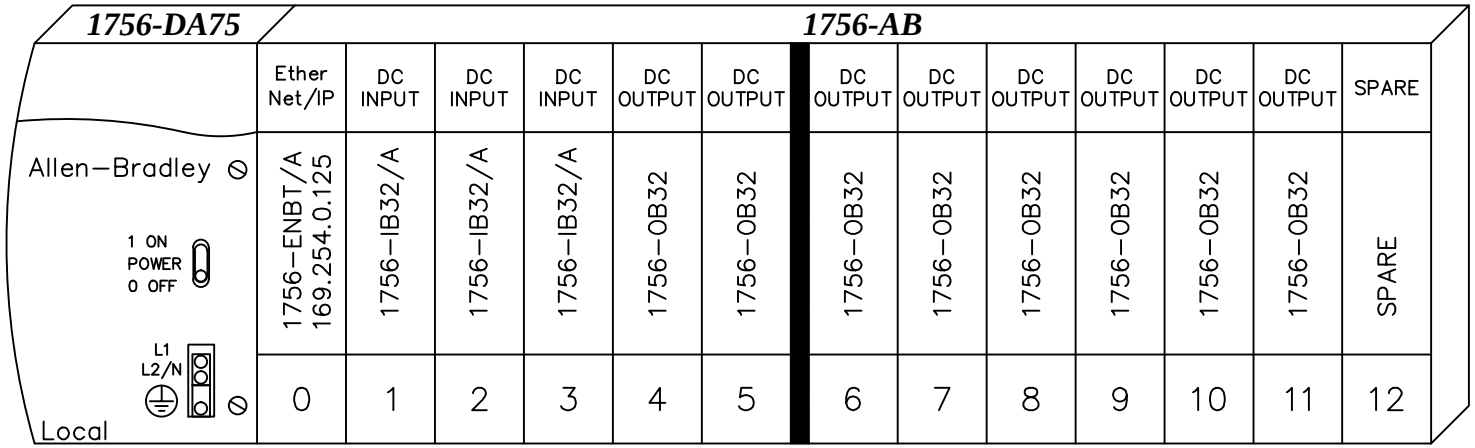


File Name : P83 slot 11 Allen Bradley 1756-IB32 rack1-4.dwg

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 DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL INPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	83				
								Total					
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/08/19	DRAWING NO.		MATERIAL					
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM		

RACK 2



REMOTE I/O

File Name : P83-84 Rack2.dwg

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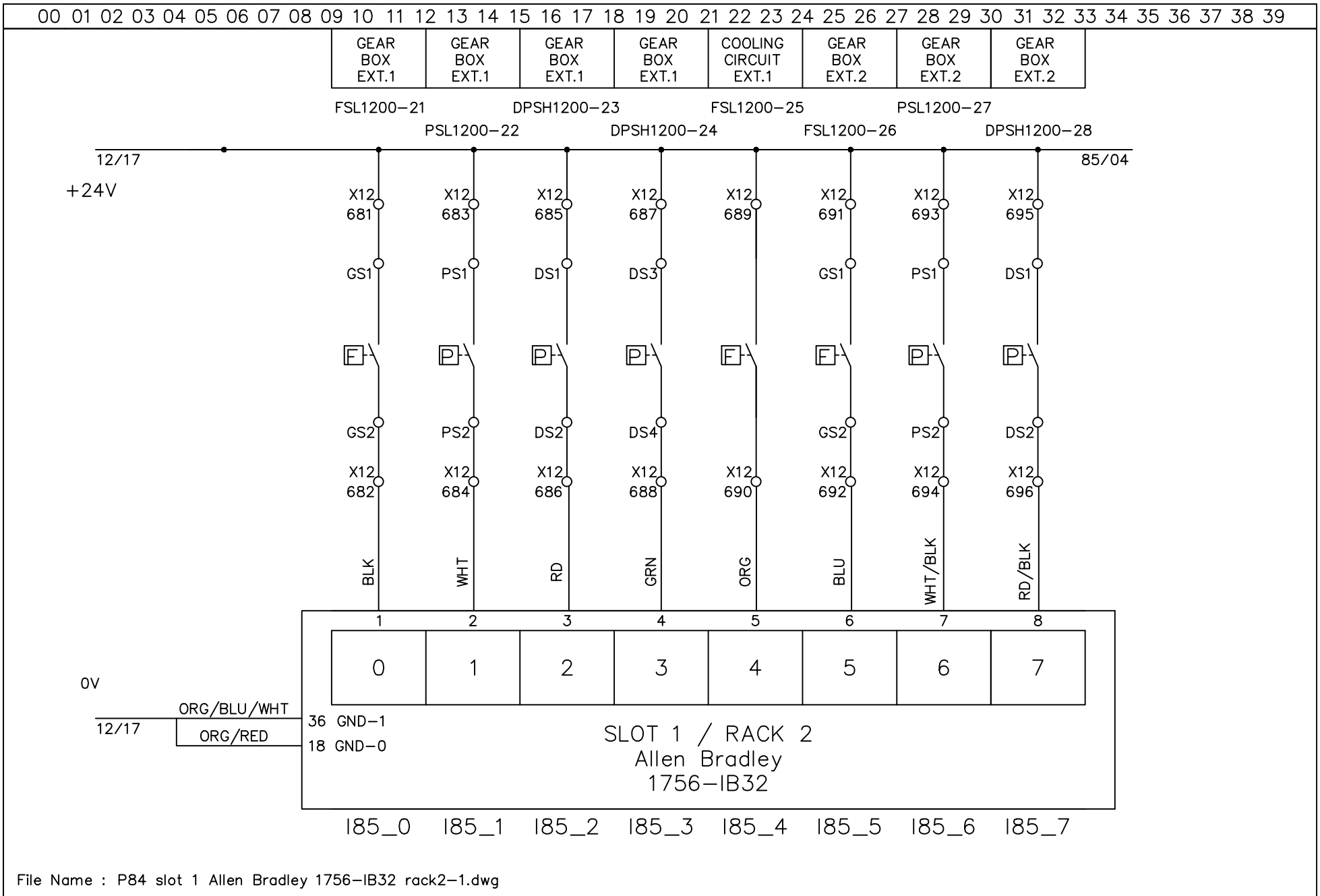
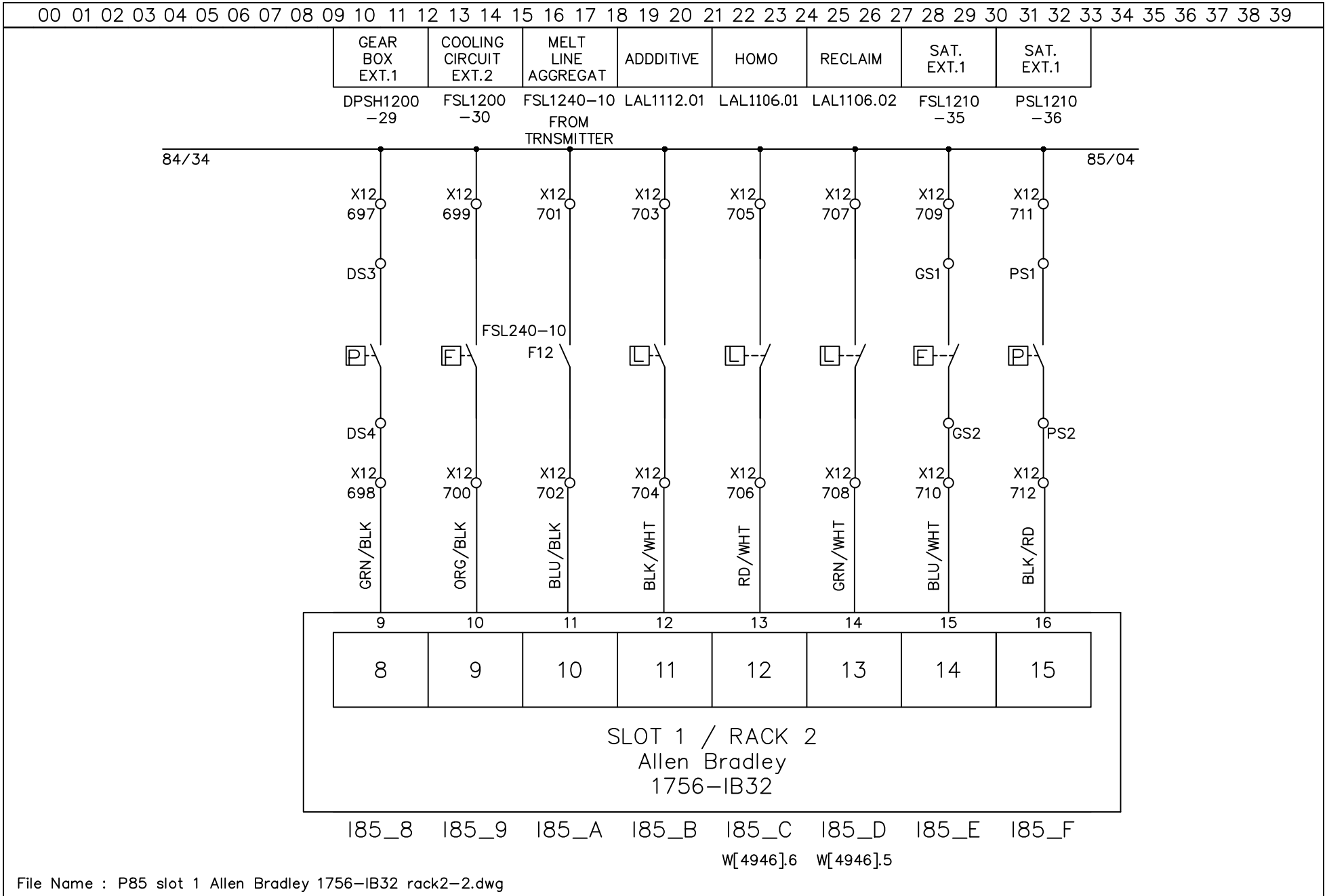
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 RACK 2, 1756-A13 13-SLOT CONTROL LOGIX CHASSIS					DRAWING DESCRIPTION	KF023 F12	Page #	83-84				
DRAWN BY	Charlie Zhang							Total					
						DRAWING NO.		MATERIAL					
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM		



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

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

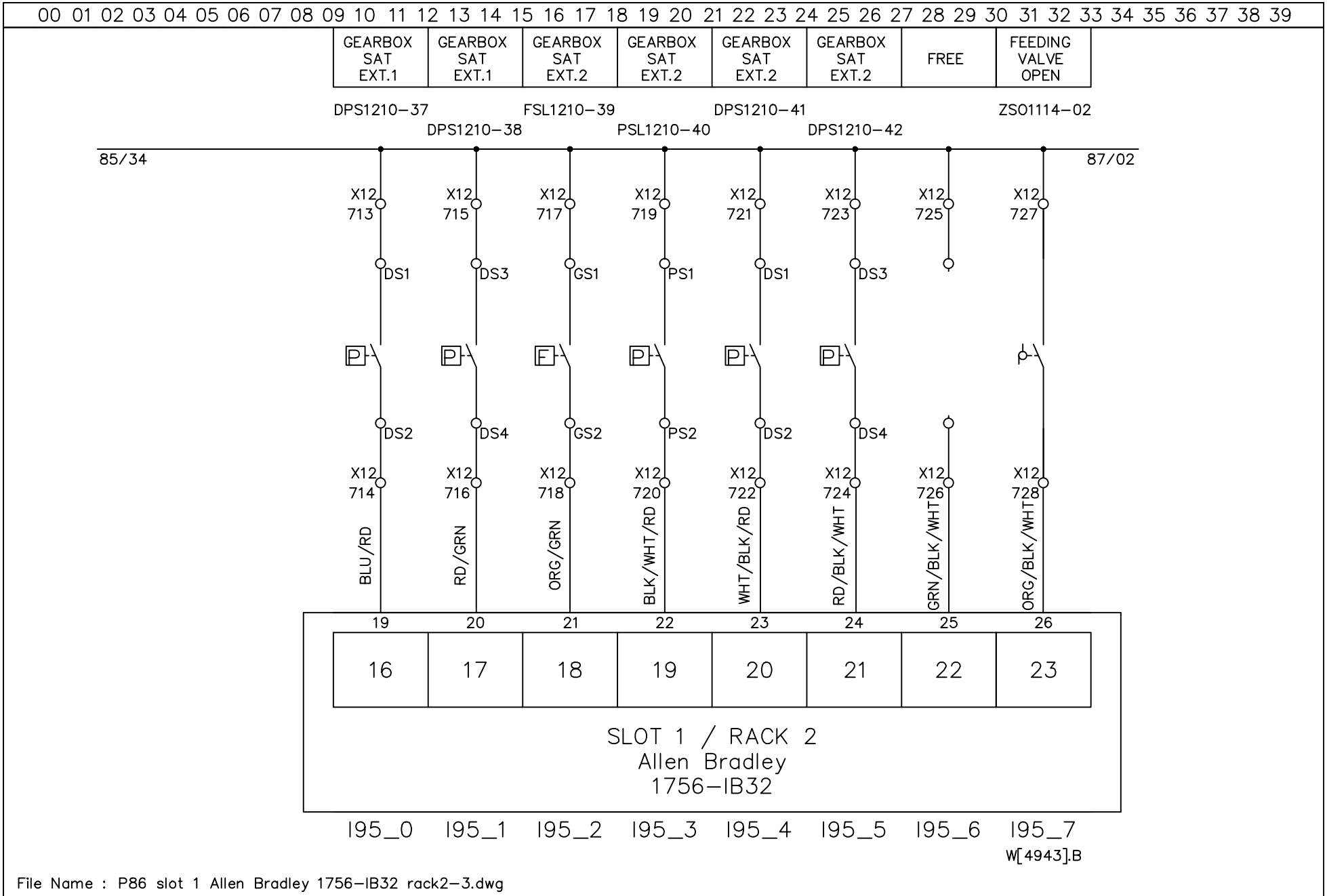
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL INPUT						DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	84			
									Total				
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/08/19		DRAWING NO.		MATERIAL				
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE		DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM	



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

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL INPUT						DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	85			
									Total				
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/08/19		DRAWING NO.		MATERIAL				
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE		DRAWN DATE:	05−01−2018	SCALE	NONE	UNIT	MM	

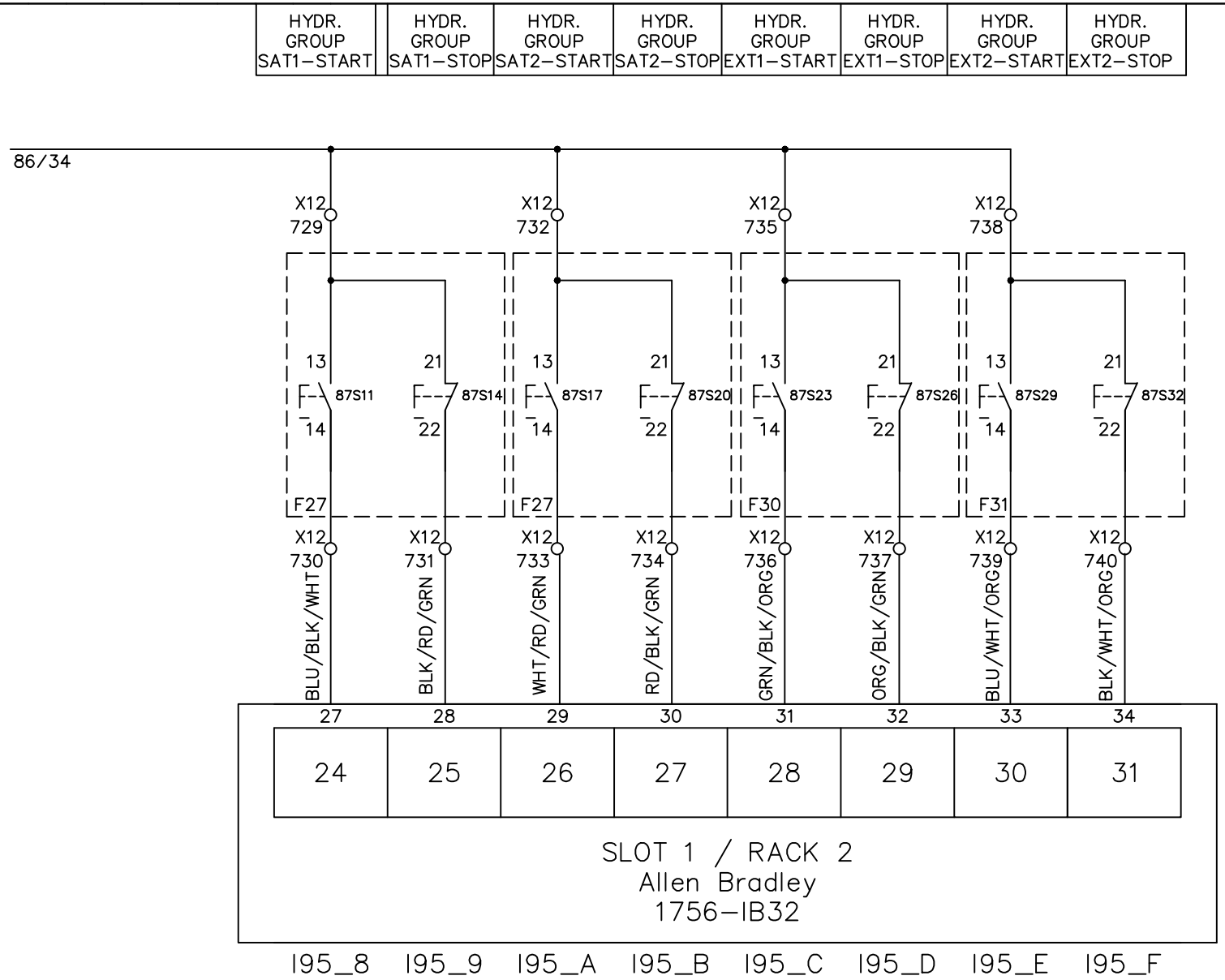


File Name : P86 slot 1 Allen Bradley 1756-IB32 rack2-3.dwg

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

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL INPUT						DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	86			
									Total				
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/08/19		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



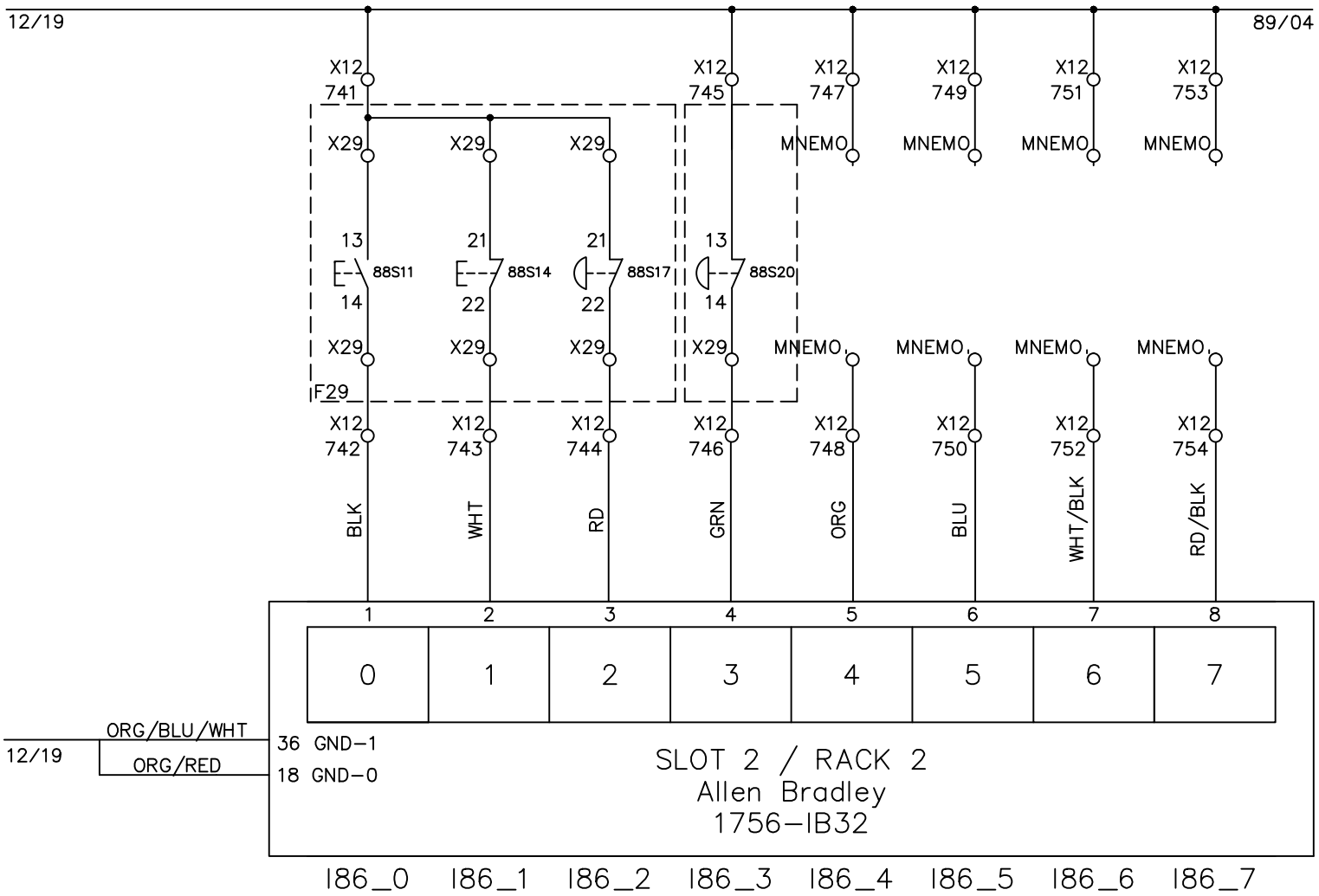
File Name : P87 slot 1 Allen Bradley 1756–IB32 rack2–4.dwg

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

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL INPUT						DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	87			
									Total				
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/08/19		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

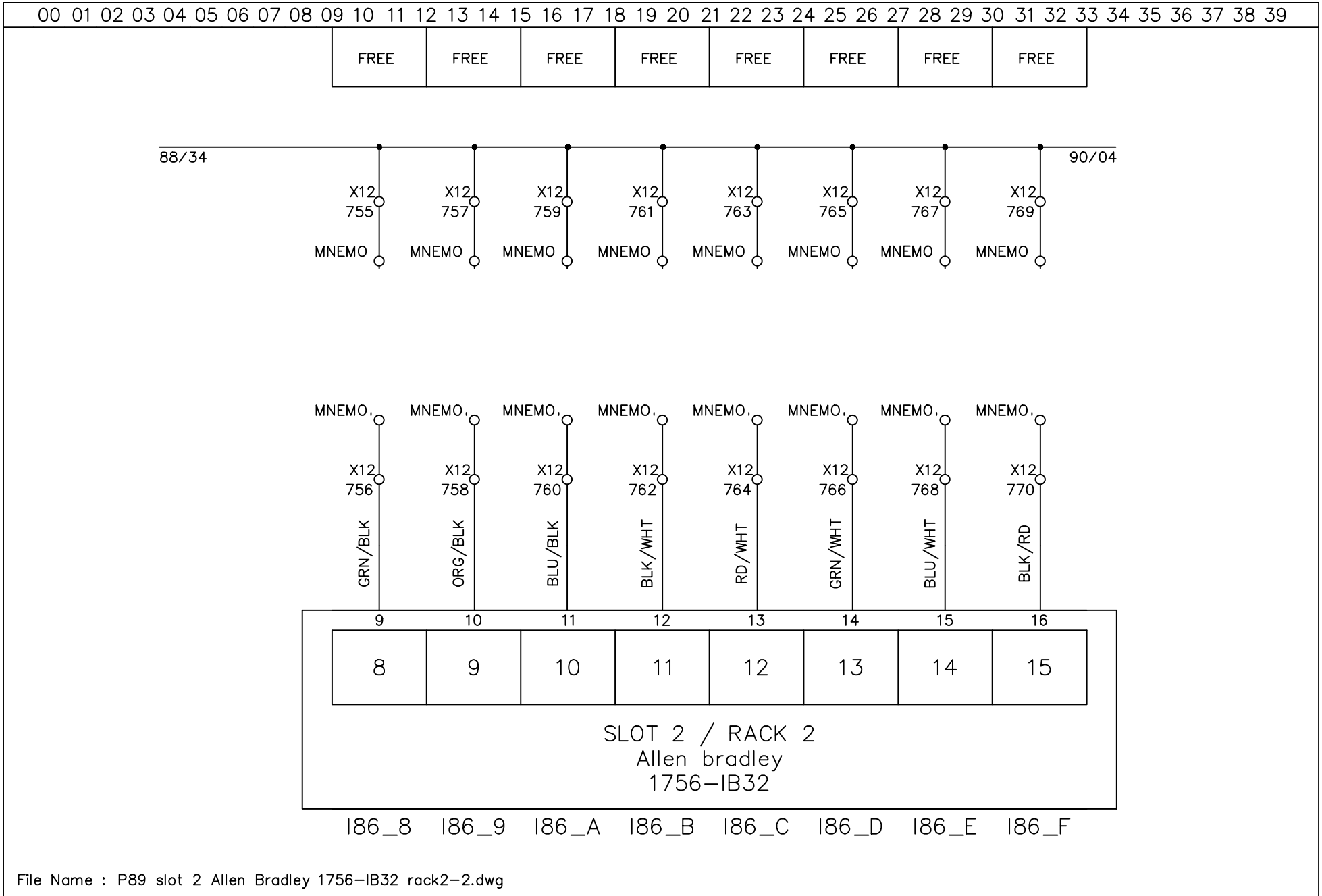
FEEDING VALVE OPEN	FEEDING VALVE CLOSE	4 EXTRUDER STOP	MELT LINE AGGREGAT STOP	FREE	FREE	FREE	FREE



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

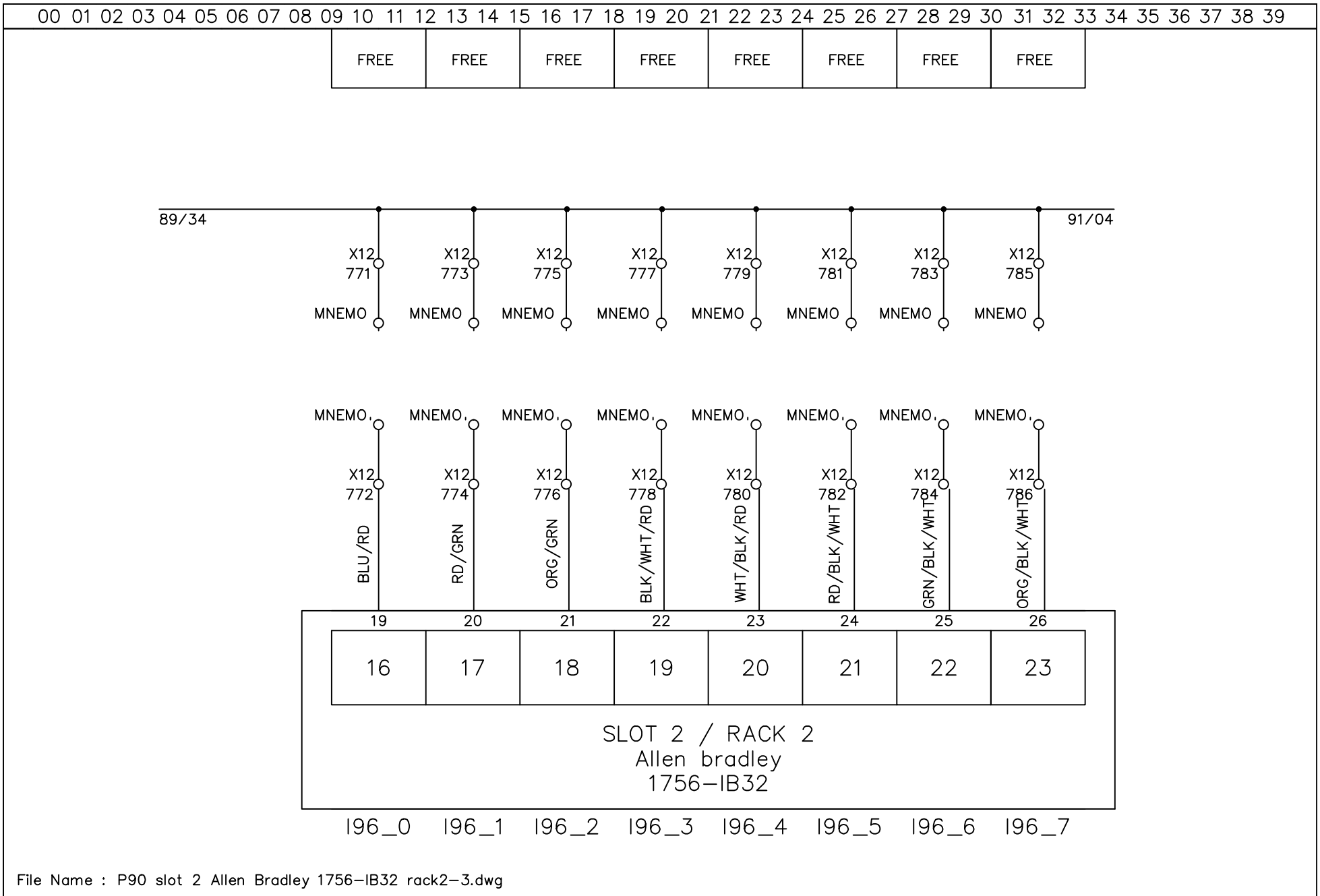
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL INPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6		Page #	88			
									Total				
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/08/19	DRAWING NO.			MATERIAL				
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018		SCALE	NONE	UNIT	MM	



File Name : P89 slot 2 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

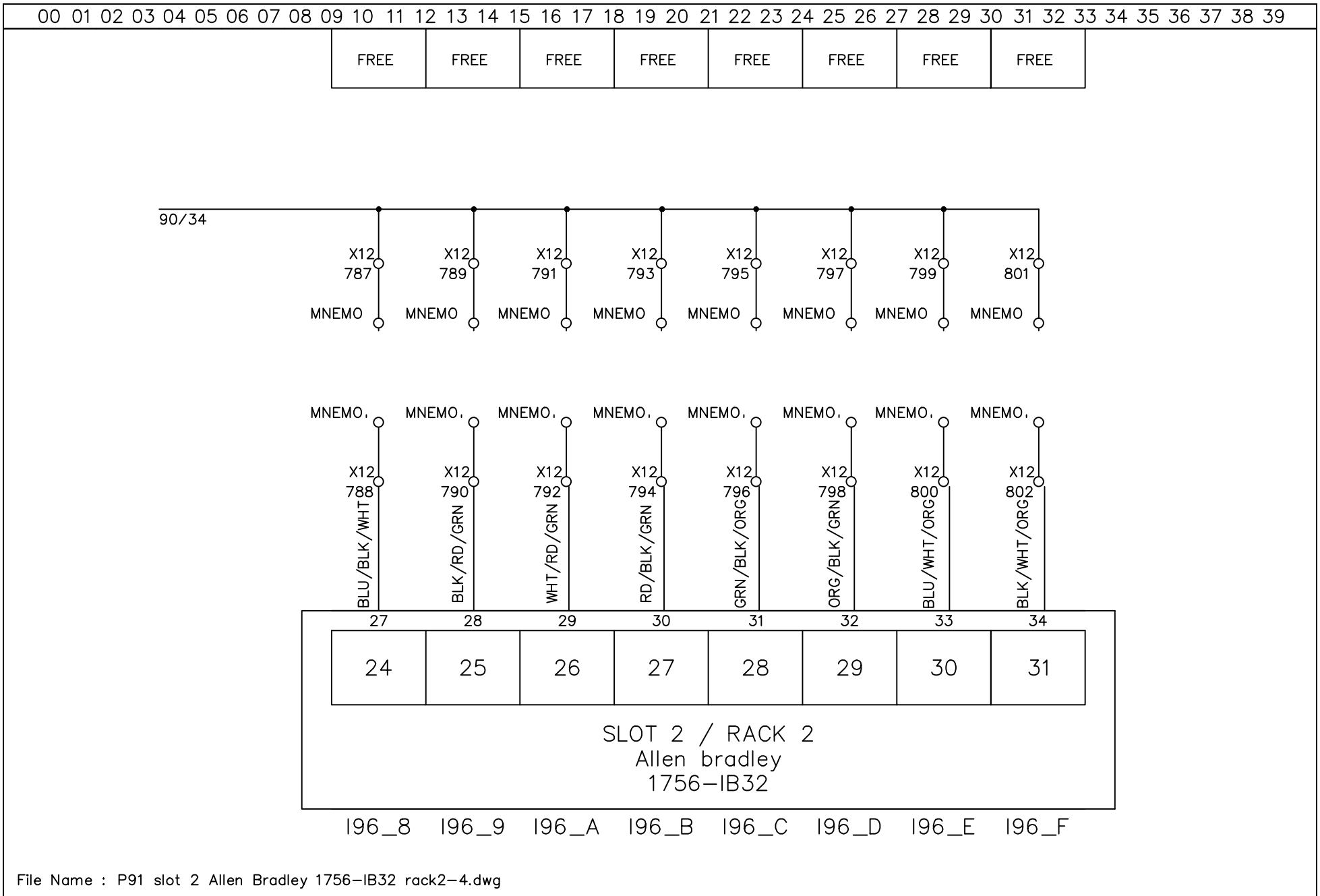
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 AB 32 P.L.C. DIGITAL INPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	89				
								Total					
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/09/19	DRAWING NO.		MATERIAL					
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM		



File Name : P90 slot 2 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

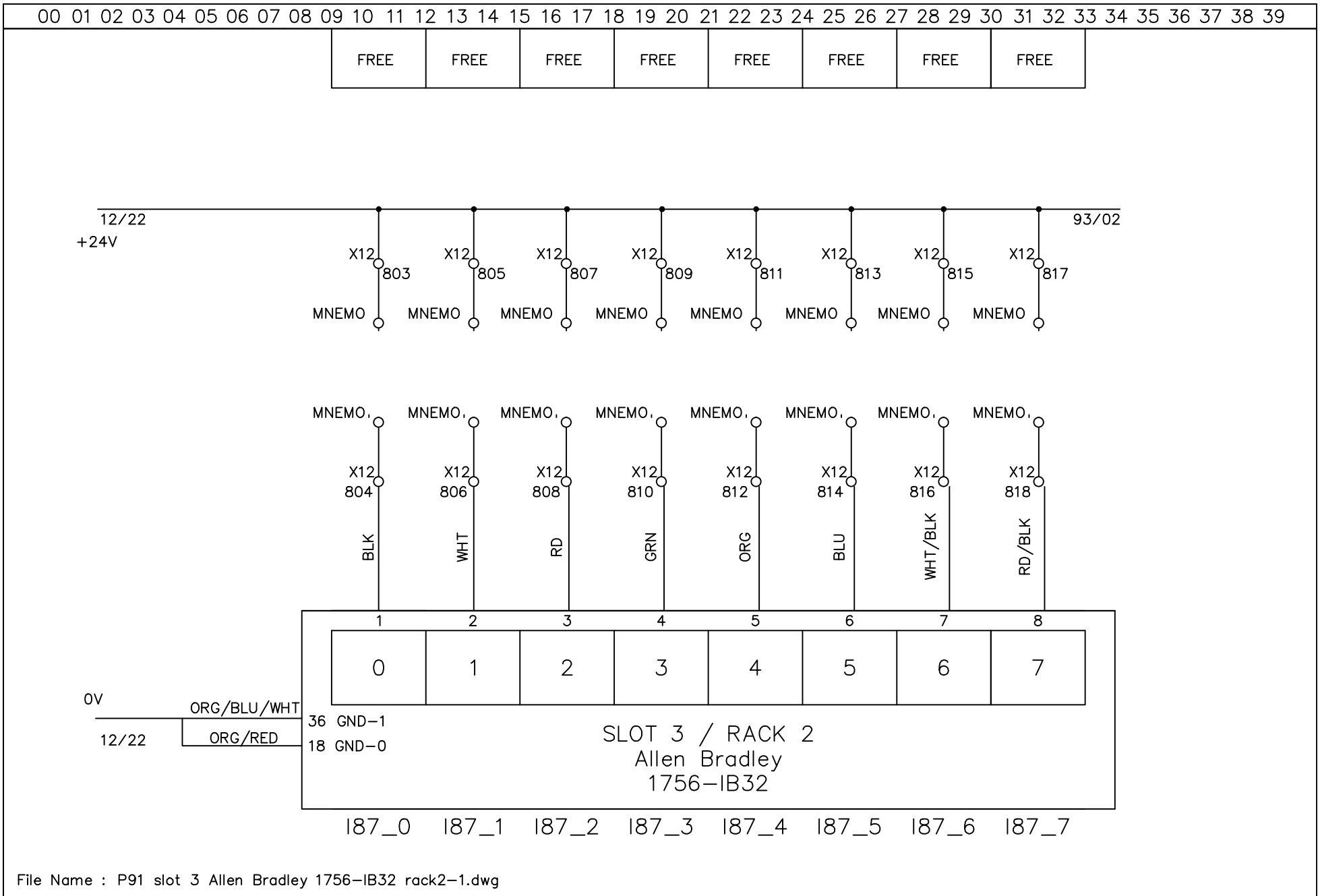
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL INPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	90			
								Total				
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/10/19	DRAWING NO.		MATERIAL				
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM	



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

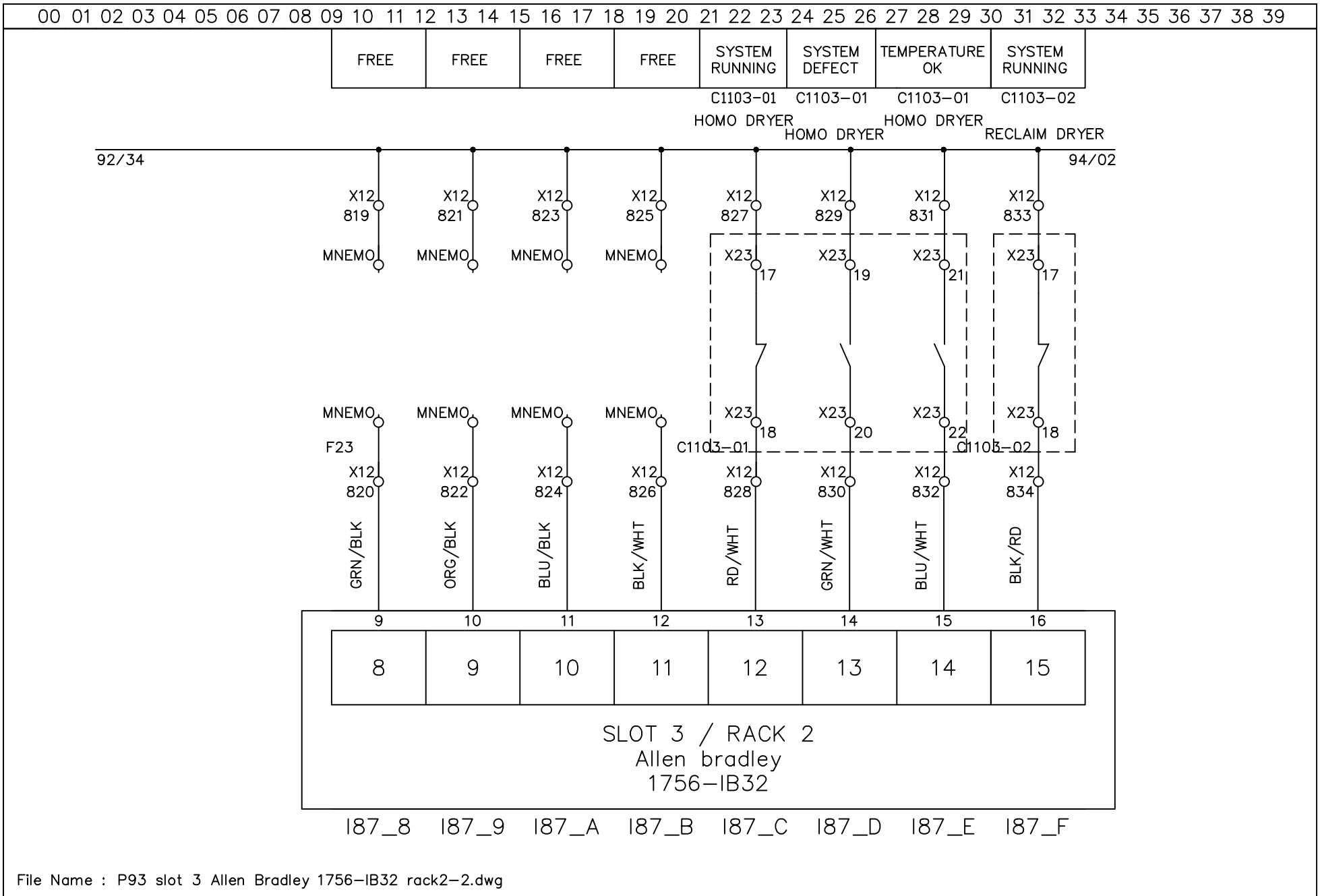
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL INPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	91				
								Total					
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/10/19	DRAWING NO.		MATERIAL					
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM		



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

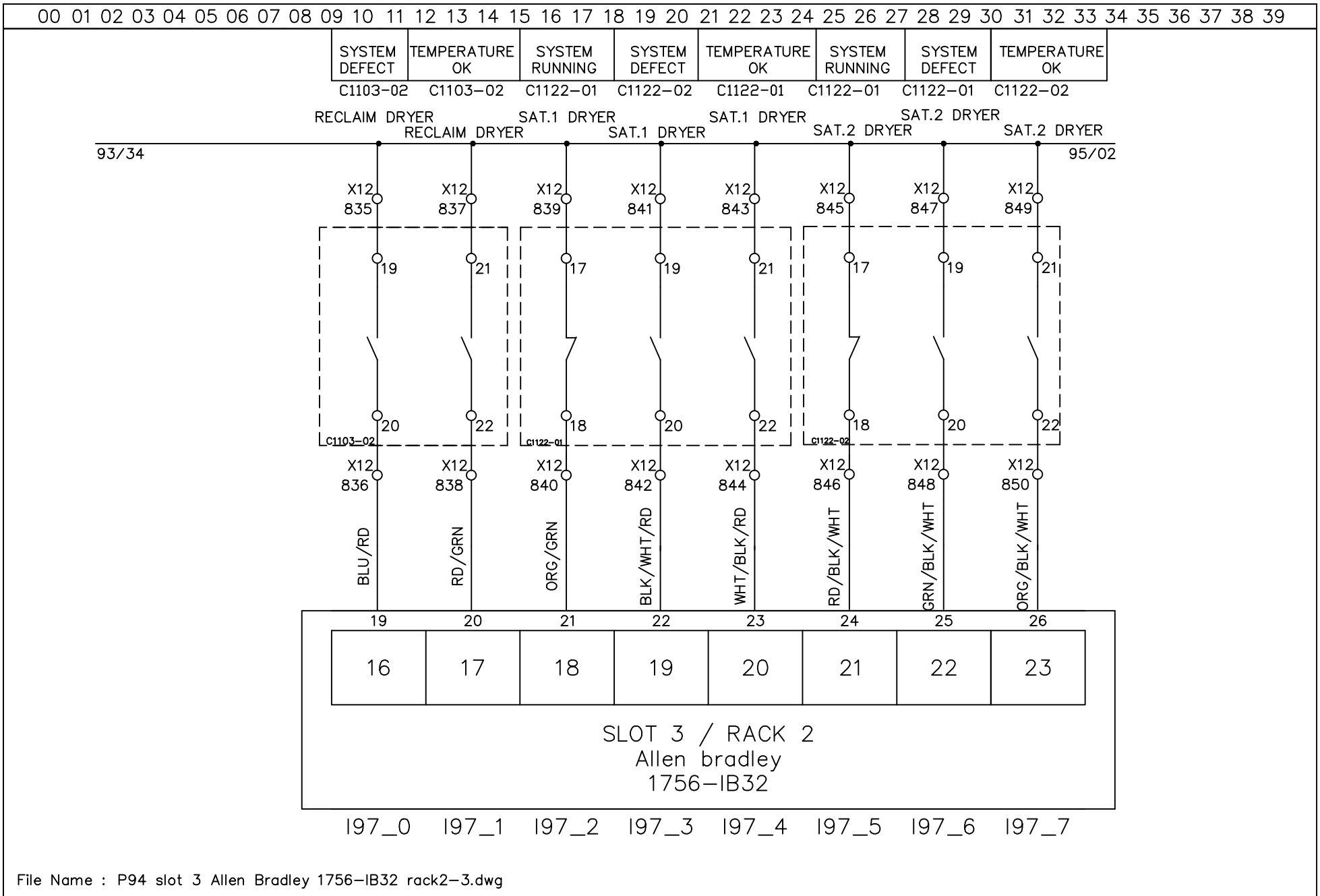
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL INPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	92			
								Total				
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/10/19	DRAWING NO.		MATERIAL				
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM	



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

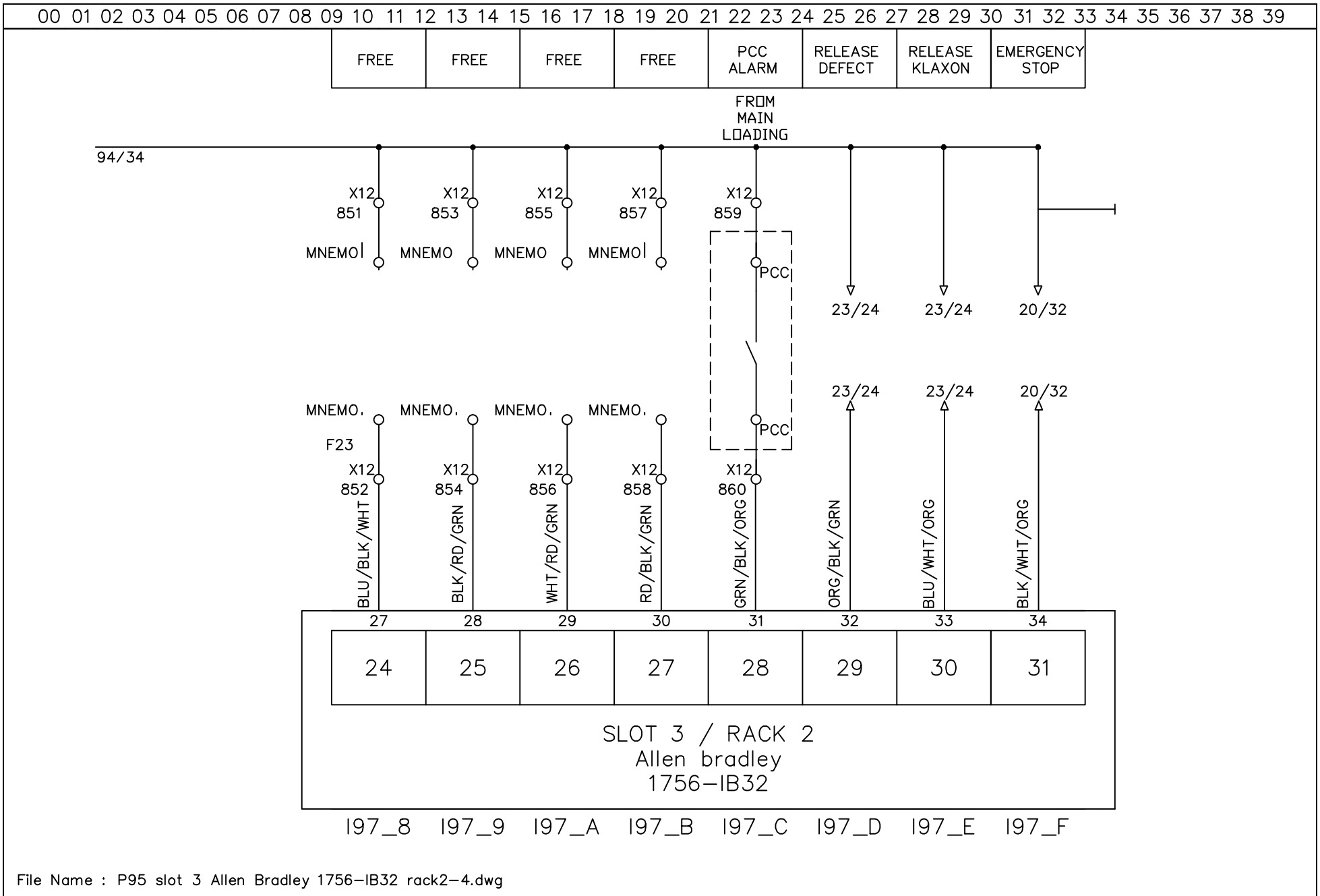
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL INPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	93				
								Total					
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/10/19	DRAWING NO.		MATERIAL					
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM		



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

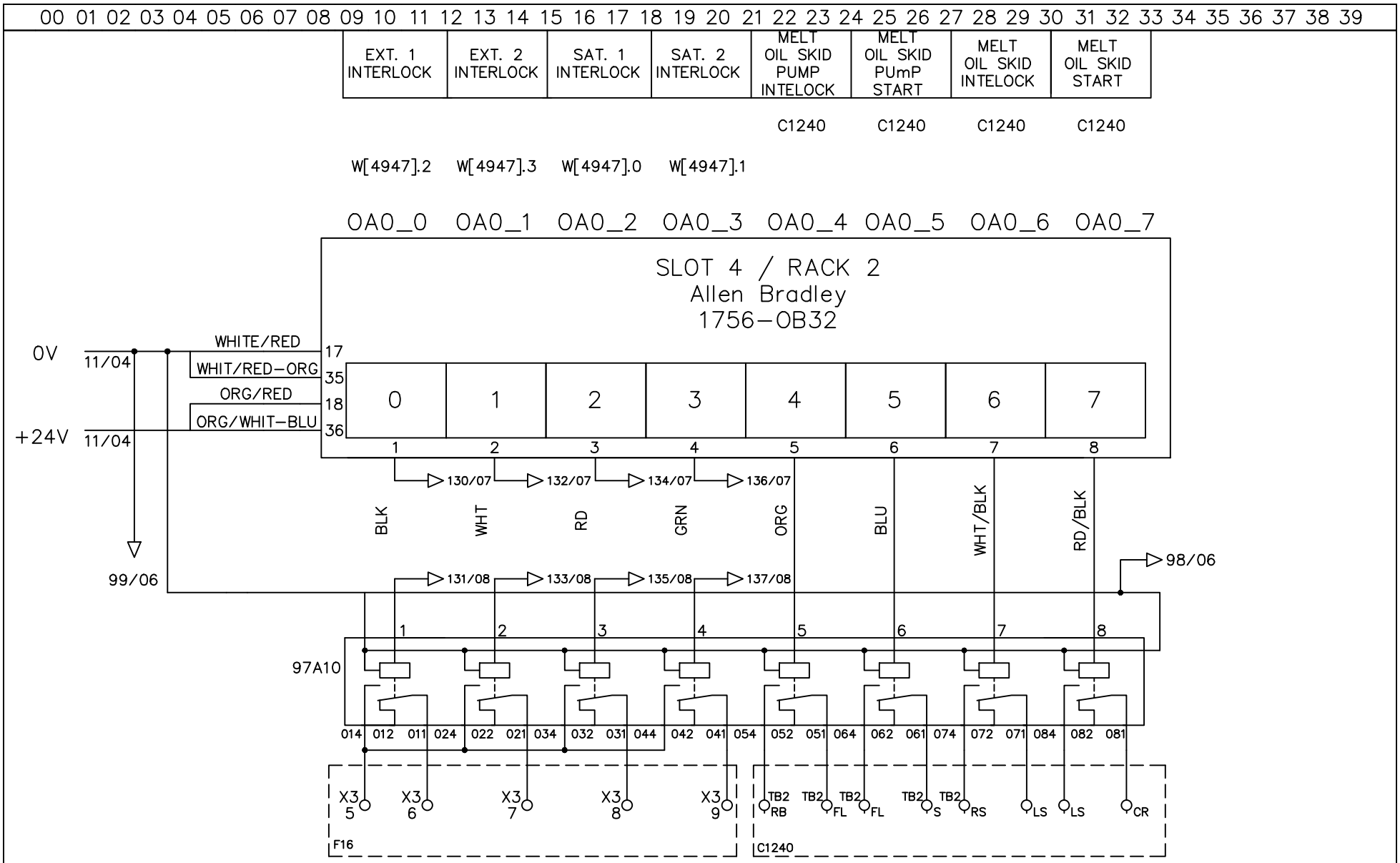
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 AB 32 P.L.C. DIGITAL INPUT						DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	94			
									Total				
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/10/19		DRAWING NO.		MATERIAL				
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE		DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM	



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

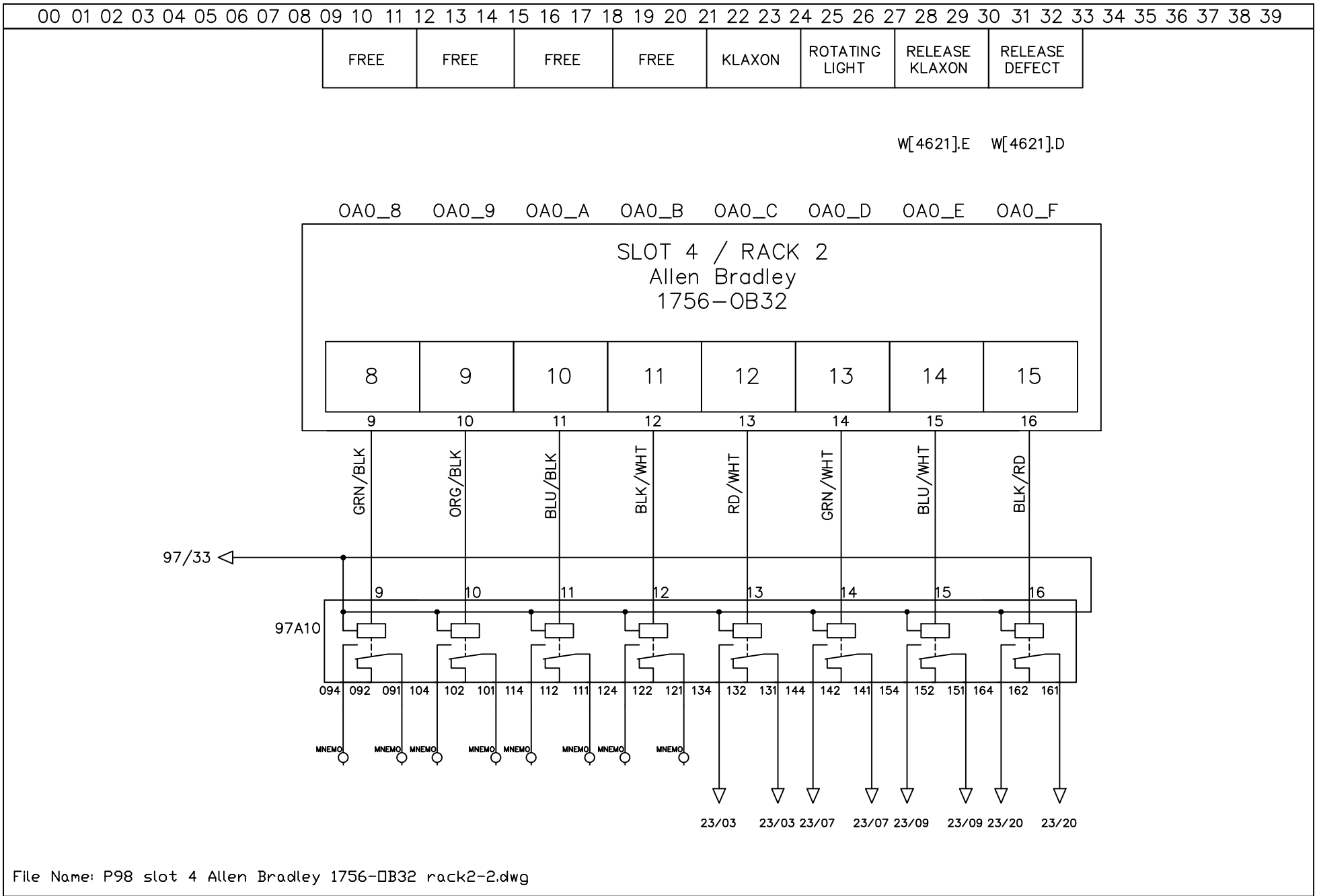
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL INPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	95				
								Total					
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/10/19	DRAWING NO.		MATERIAL					
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM		



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

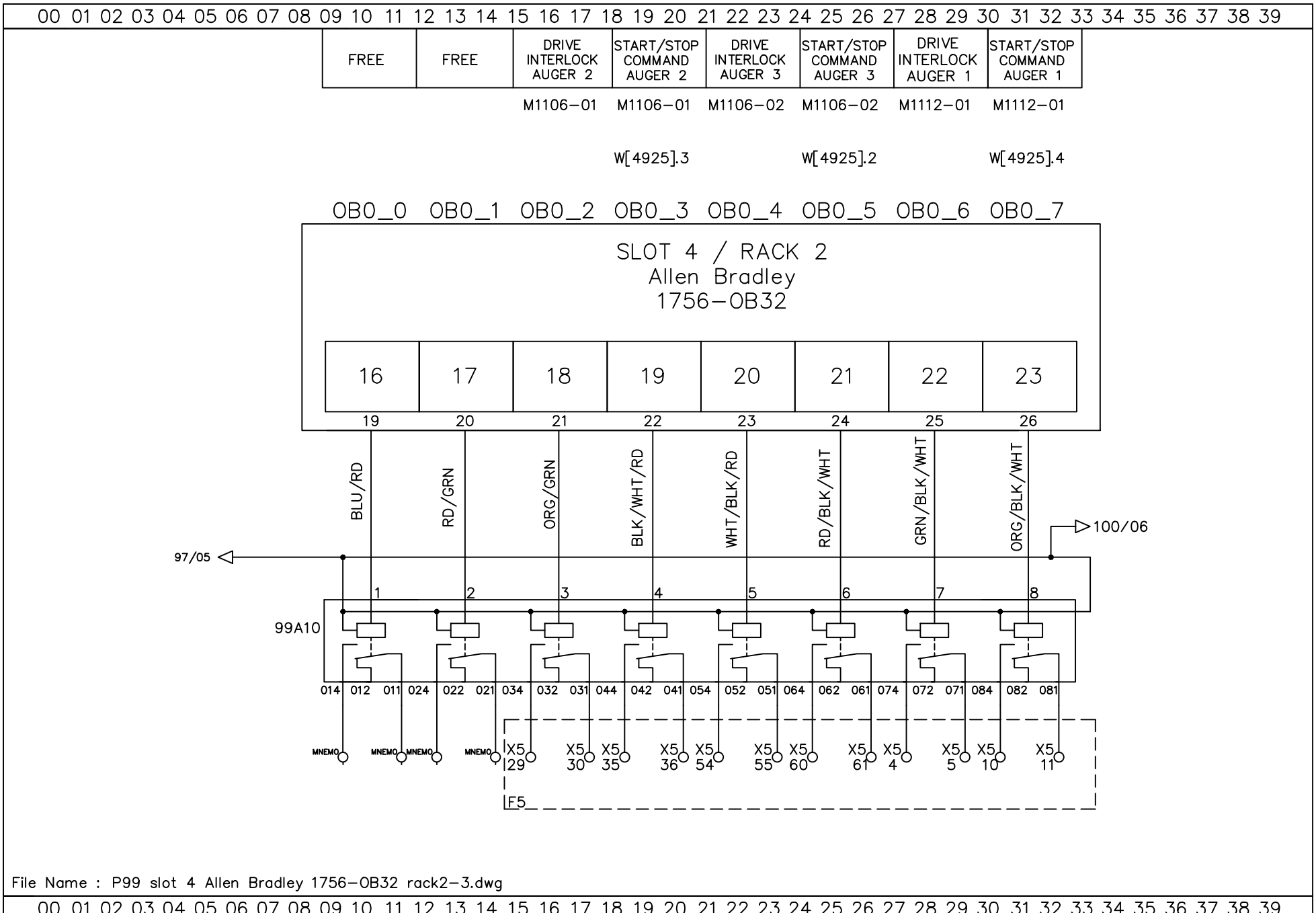
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12	Page #	97				
								Total					
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/10/19	DRAWING NO.		MATERIAL					
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM		



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

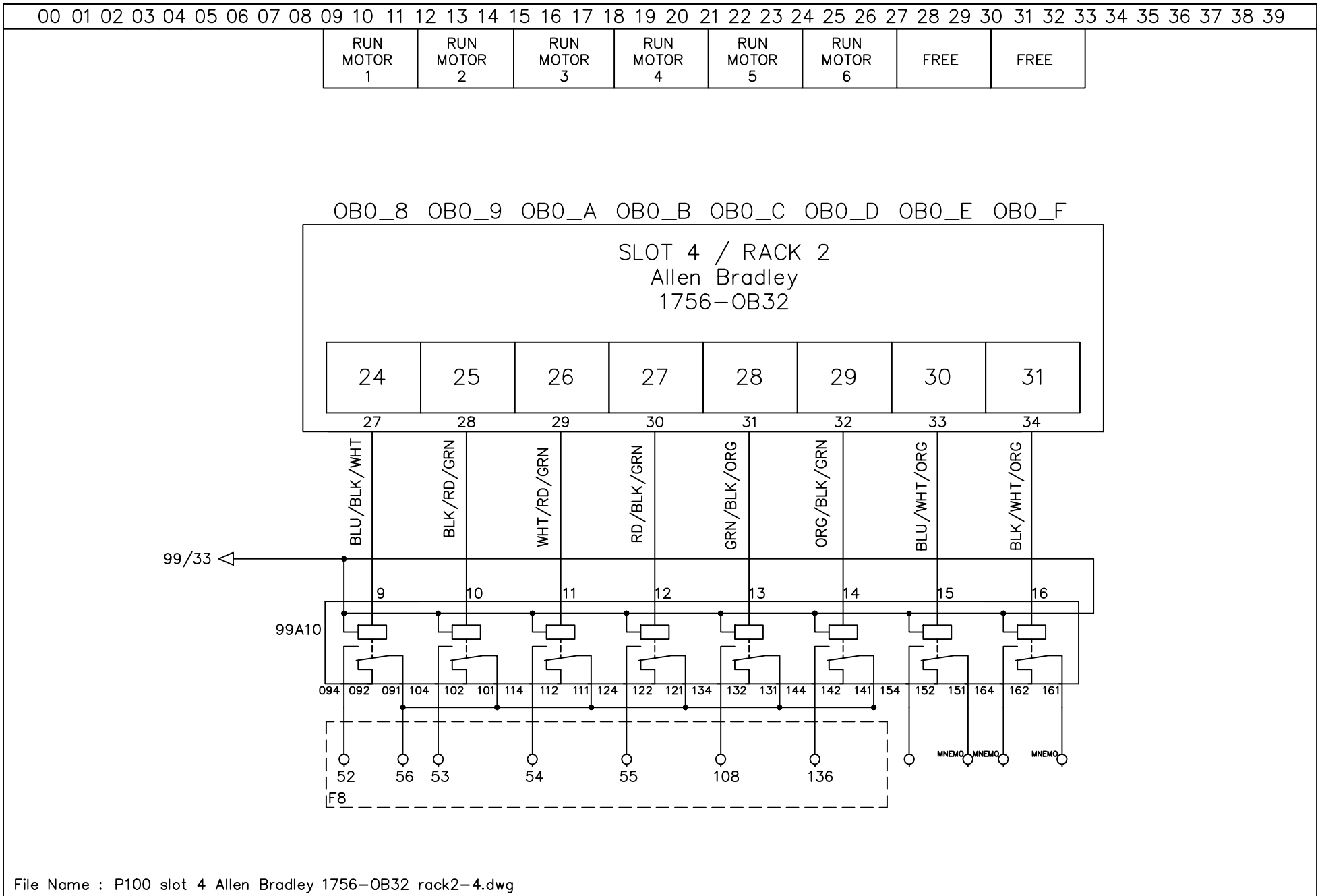
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12	Page #	98		
								Total			
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/10/19	DRAWING NO.		MATERIAL			
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM



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

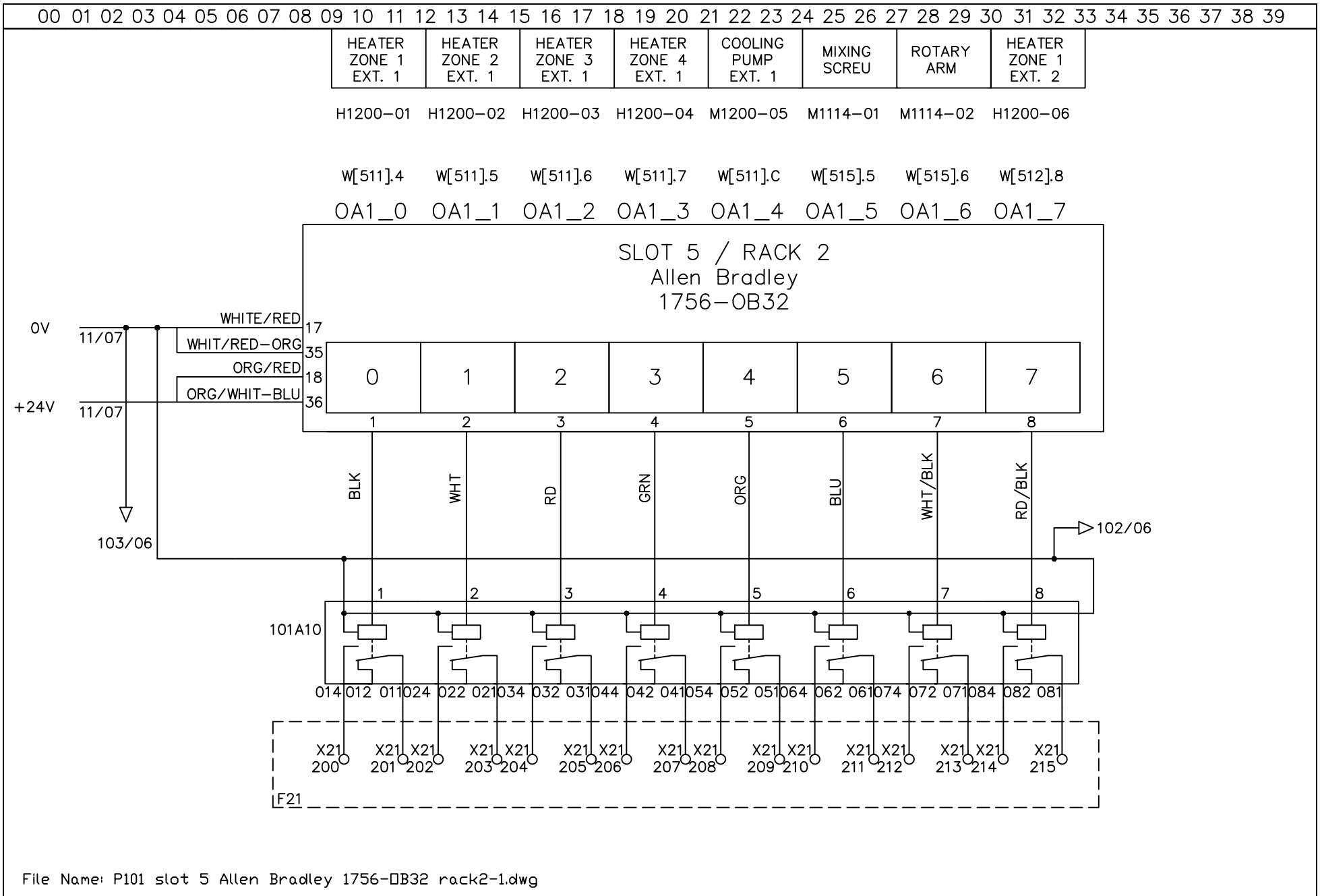
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12	Page #	99		
								Total			
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/10/19	DRAWING NO.		MATERIAL			
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM



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

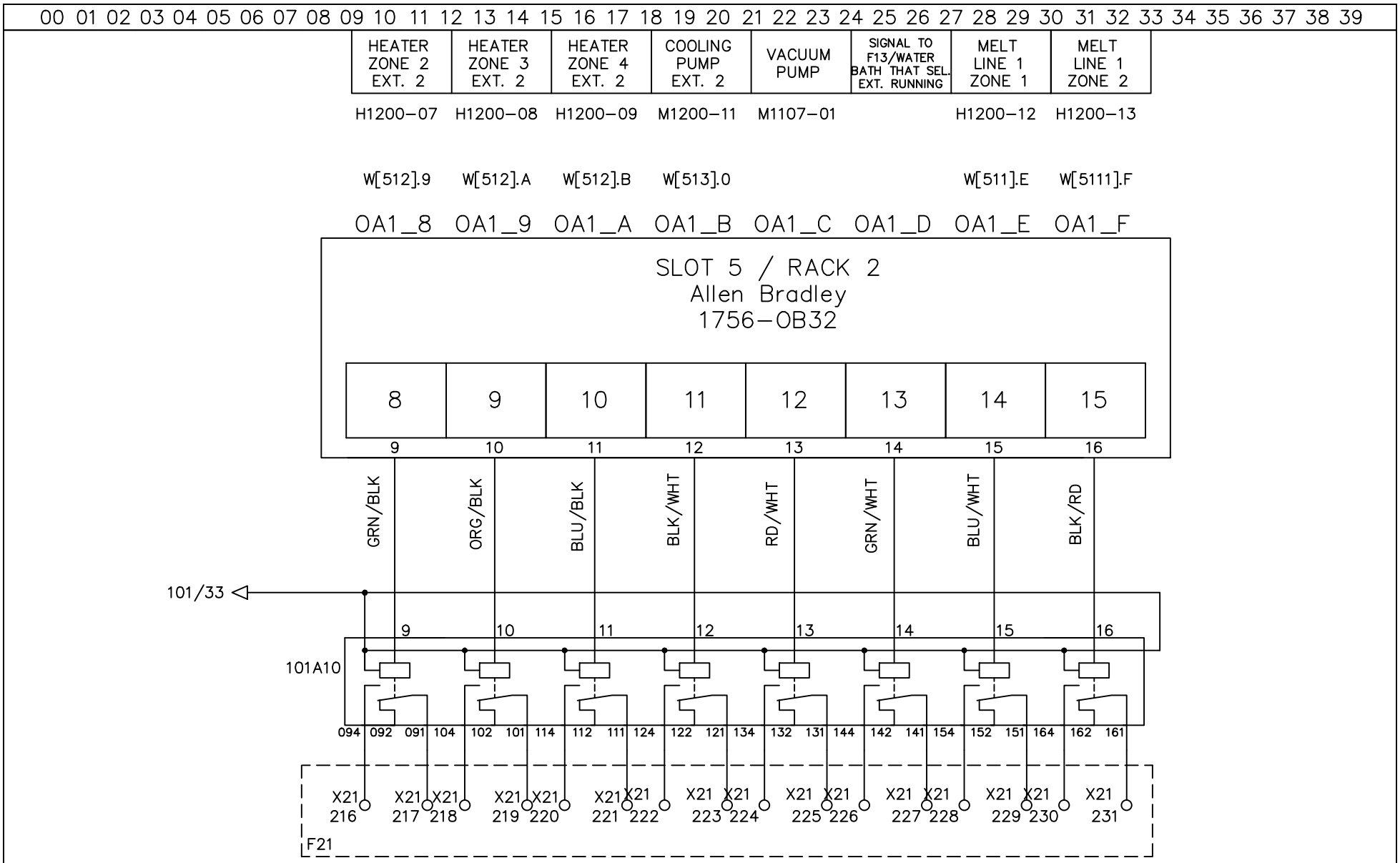
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12	Page #	100				
								Total					
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/10/19	DRAWING NO.		MATERIAL					
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM		



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

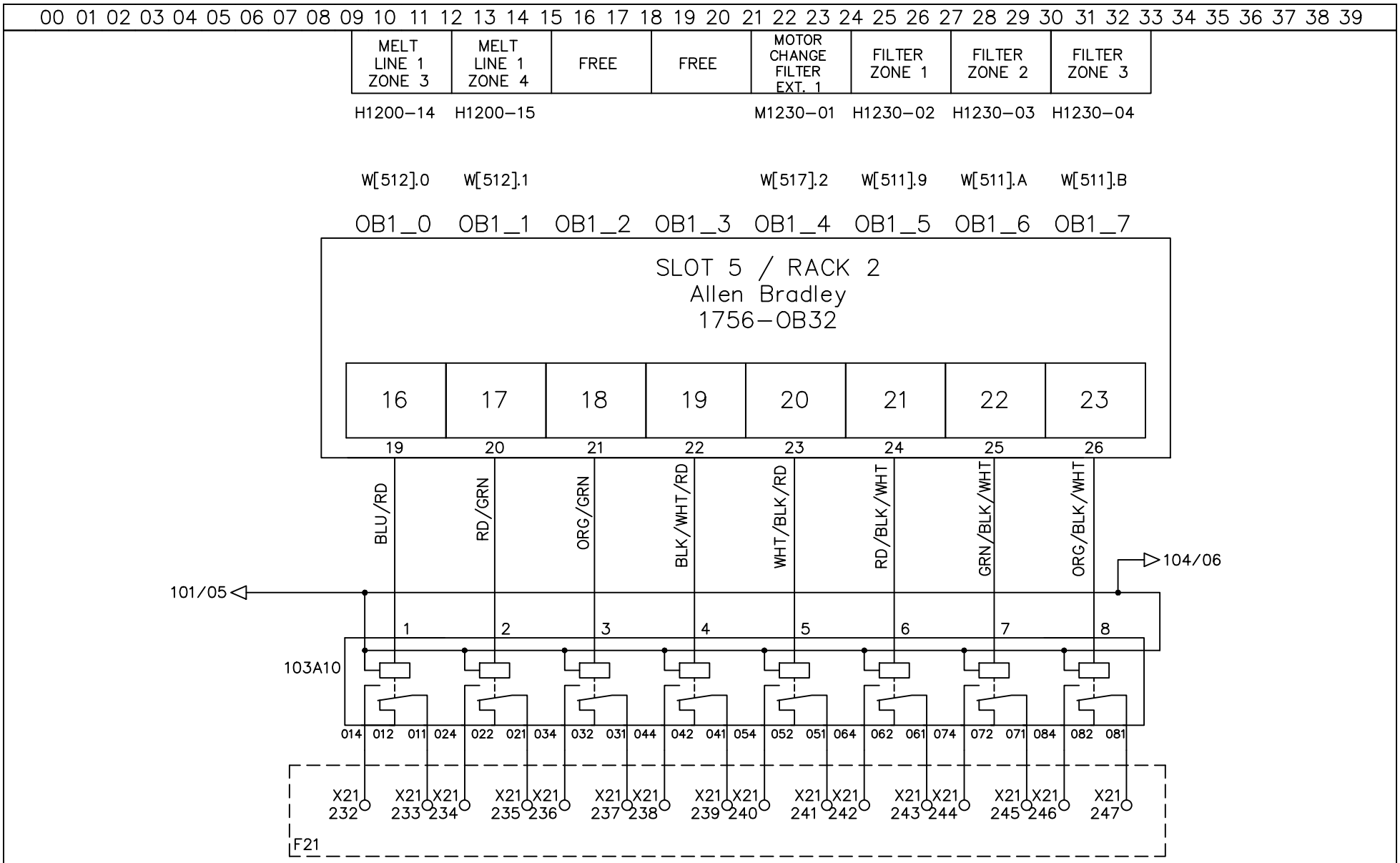
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12	Page #	101				
								Total					
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/10/19	DRAWING NO.		MATERIAL					
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM		



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

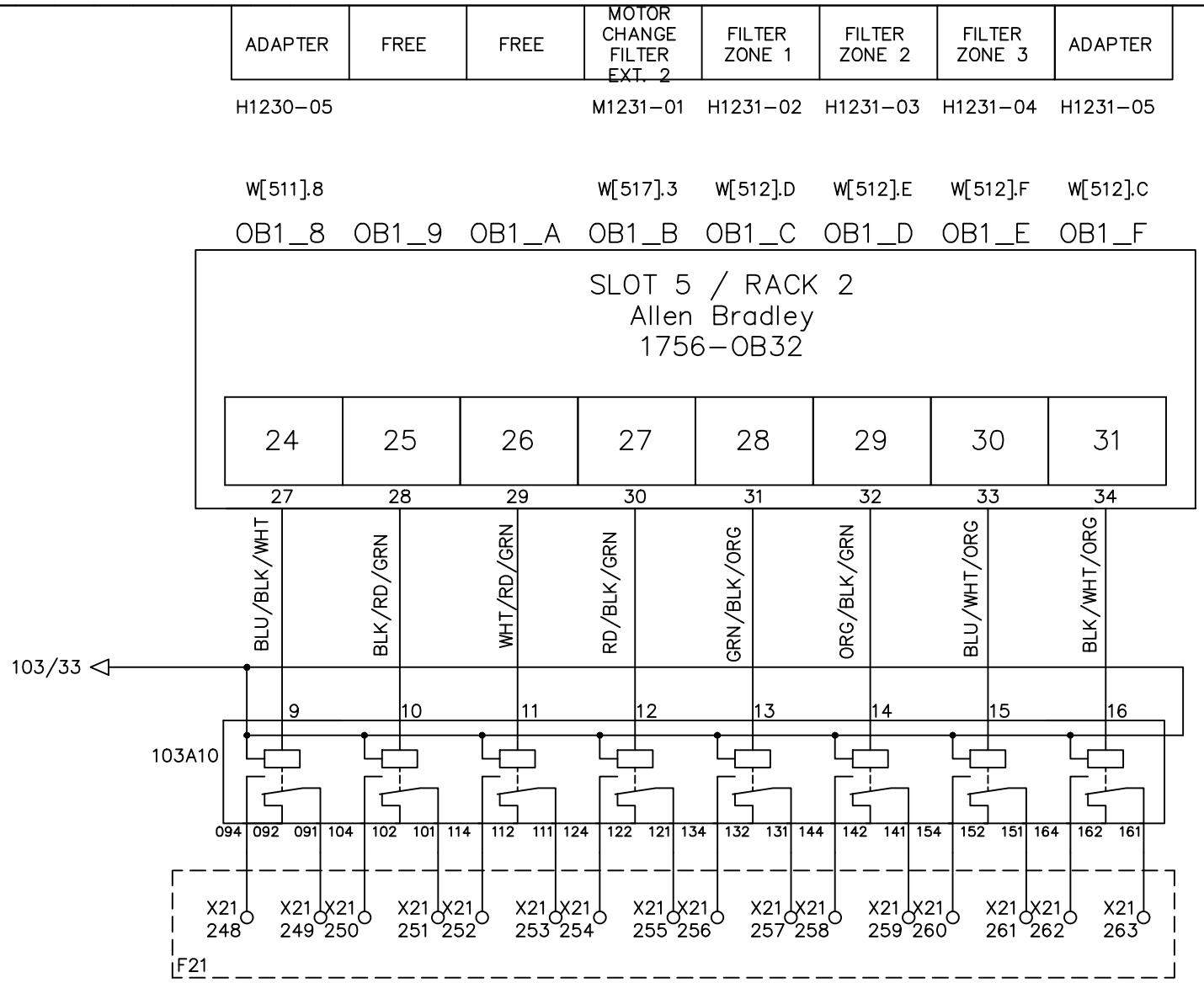
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12	Page #	102				
								Total					
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/10/19	DRAWING NO.		MATERIAL					
CHECKED BY	Jerry Wu	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM		



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

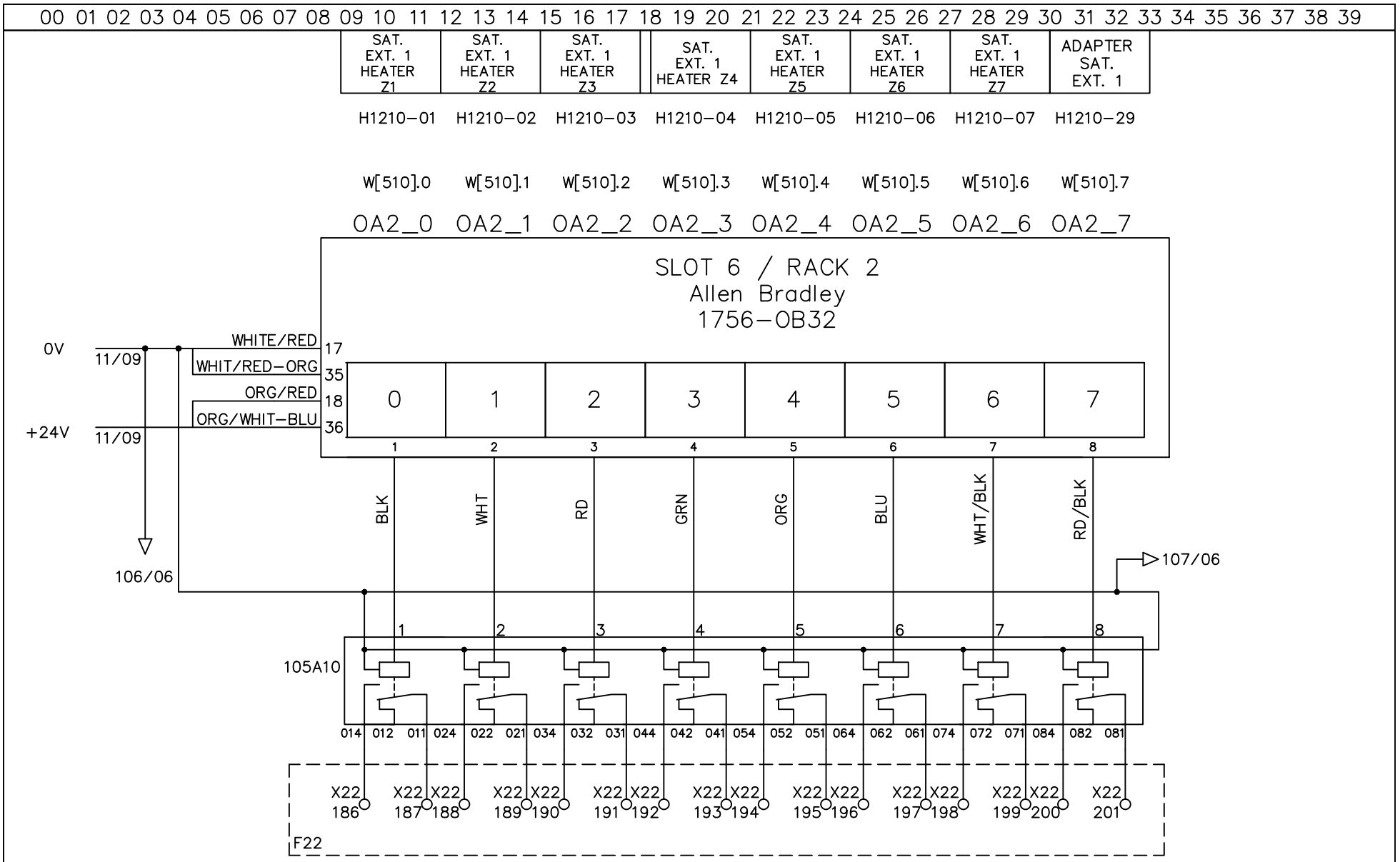
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line2 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12	Page #	103			
									Total				
DRAWN BY	Rufus Huang		1	Add Terminal Number	Charlie Z.	05/10/19	DRAWING NO.		MATERIAL				
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05–01–2018	SCALE	NONE	UNIT	MM	



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

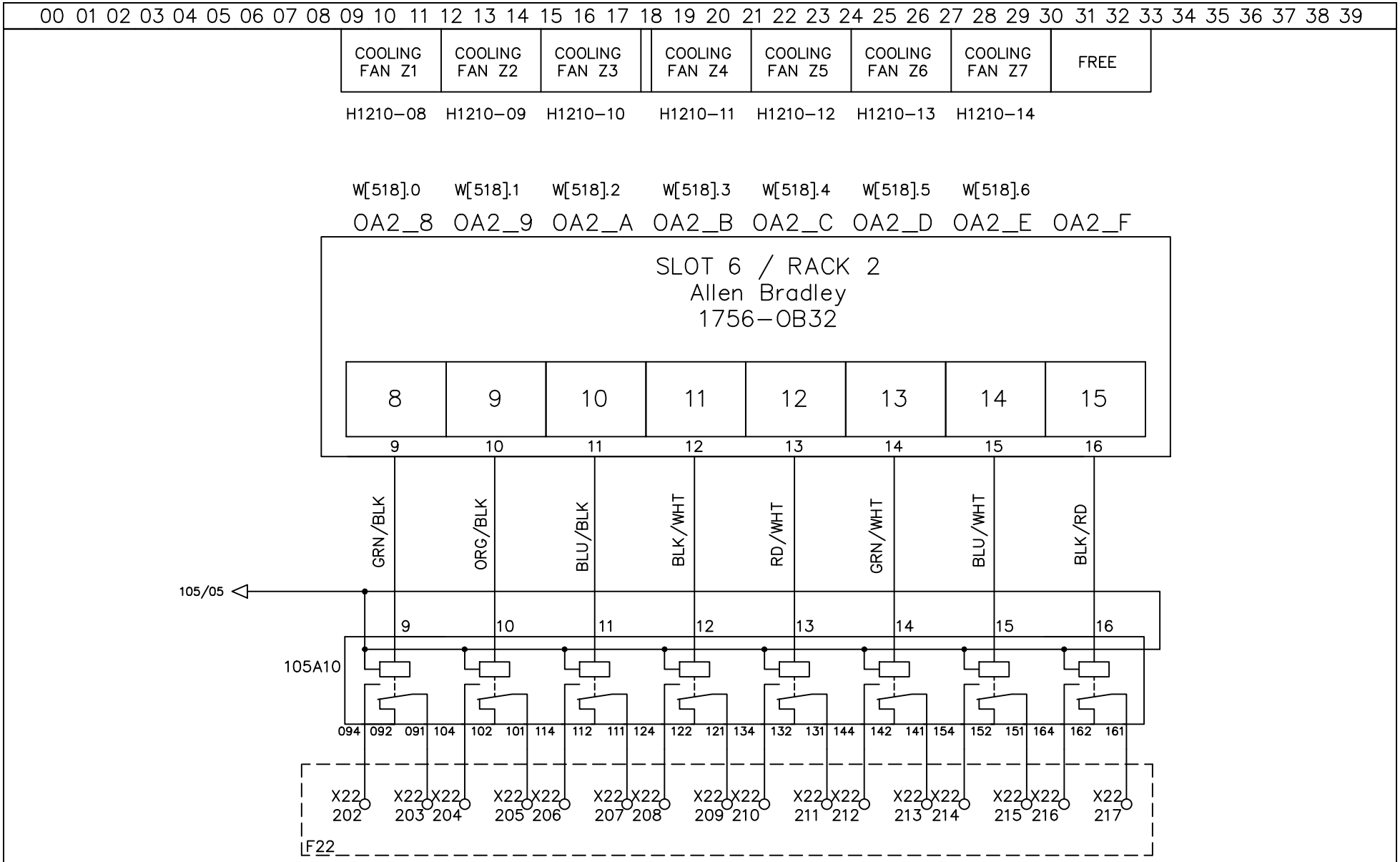
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12	Page #	104				
								Total					
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/10/19	DRAWING NO.		MATERIAL					
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM		



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

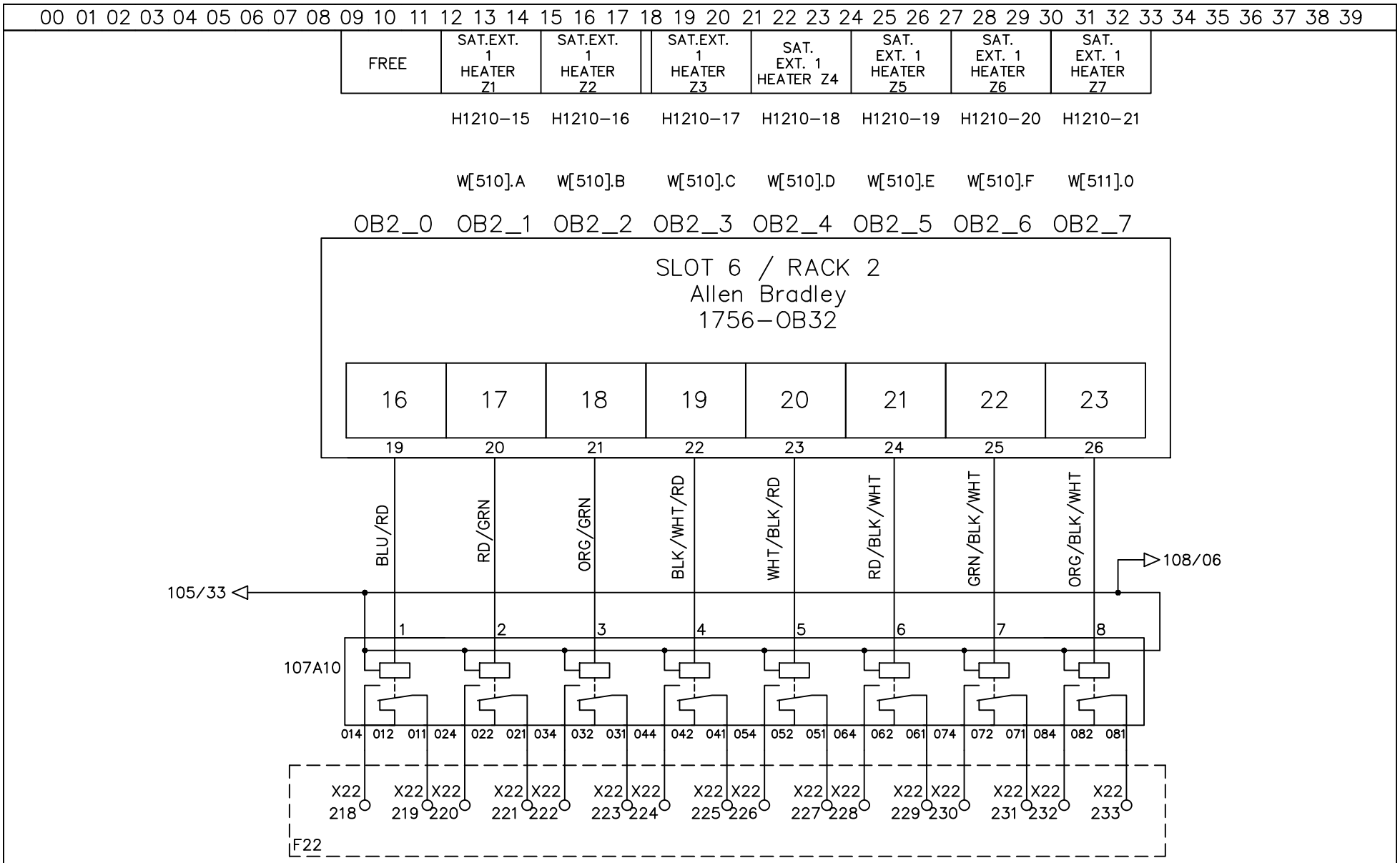
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12	Page #	105		
								Total			
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/10/19	DRAWING NO.		MATERIAL			
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM



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

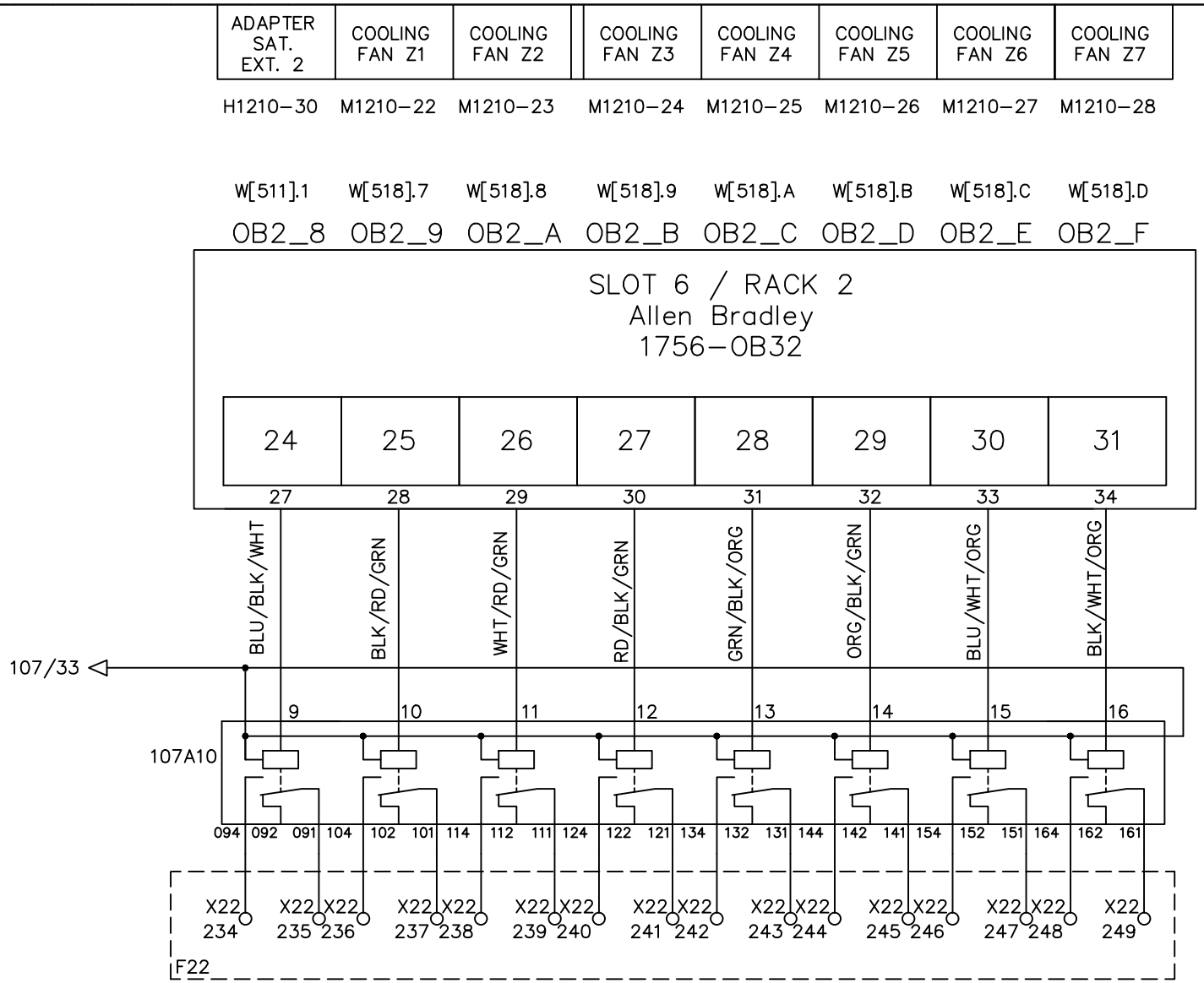
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12	Page #	106		
								Total			
DRAWN BY	Perrick Hsiao	1	Add Terminal Number	Charlie Z.	05/10/19	DRAWING NO.		MATERIAL			
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	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

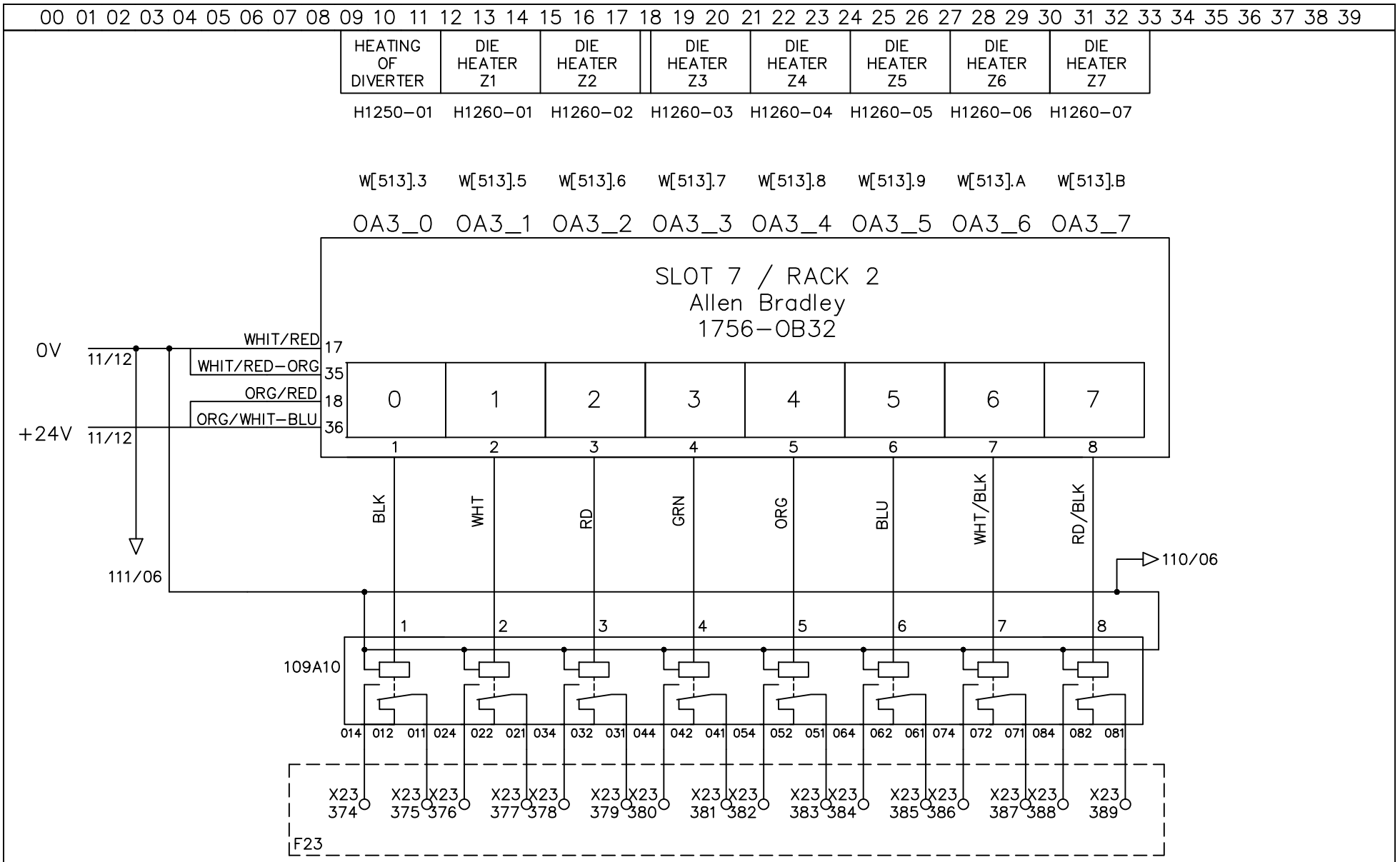
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12	Page #	107			
								Total				
DRAWN BY	Perrick Hsiao	1	Add Terminal Number	Charlie Z.	05/10/19	DRAWING NO.		MATERIAL				
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	03-23-2015	SCALE	NONE	UNIT	MM	



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

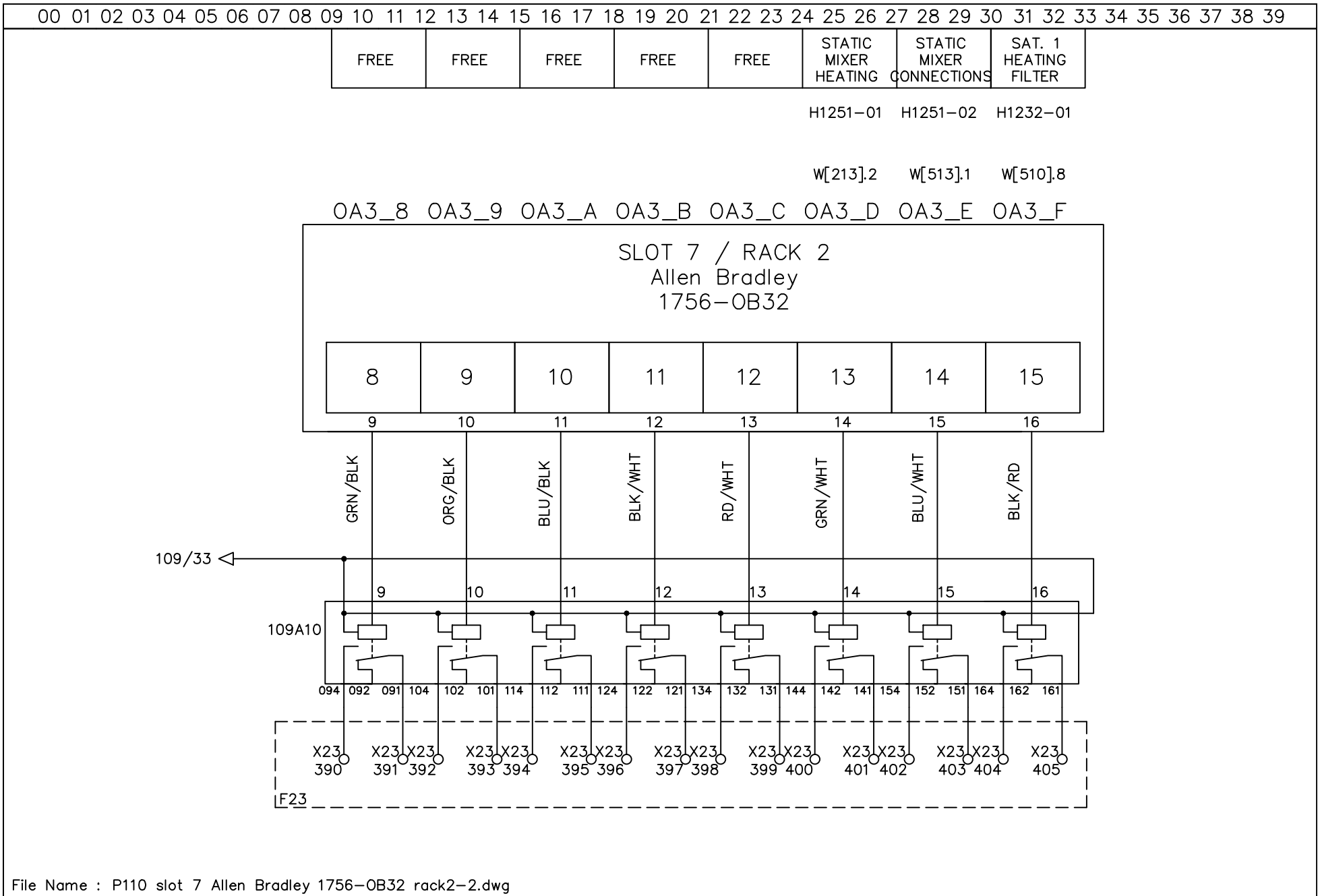
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12	Page #	108		
								Total			
DRAWN BY Perrick Hsiao		1	Add Terminal Number	Charlie Z.	05/10/19	DRAWING NO.		MATERIAL			
CHECKED BY JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	03-23-2015	SCALE	NONE	UNIT	MM



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

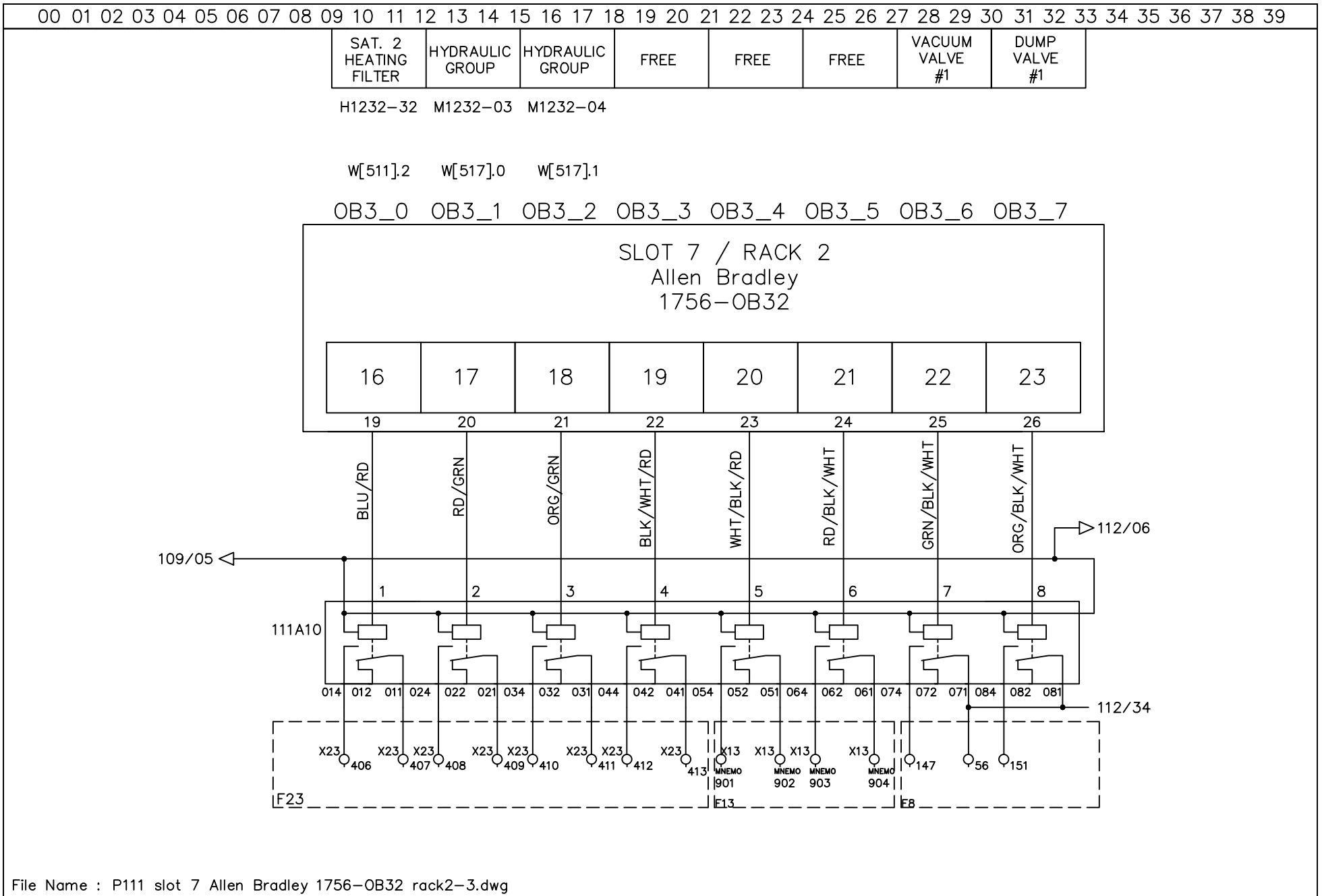
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12	Page #	109		
								Total			
DRAWN BY	Perrick Hsiao	1	Add Terminal Number	Charlie Z.	05/10/19	DRAWING NO.		MATERIAL			
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	03-23-2015	SCALE	NONE	UNIT	MM



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

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12		Page #	110			
									Total				
DRAWN BY	Perrick Hsiao	1	Add Terminal Number	Charlie Z.	05/10/19	DRAWING NO.			MATERIAL				
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	03-23-2015		SCALE	NONE	UNIT	MM	



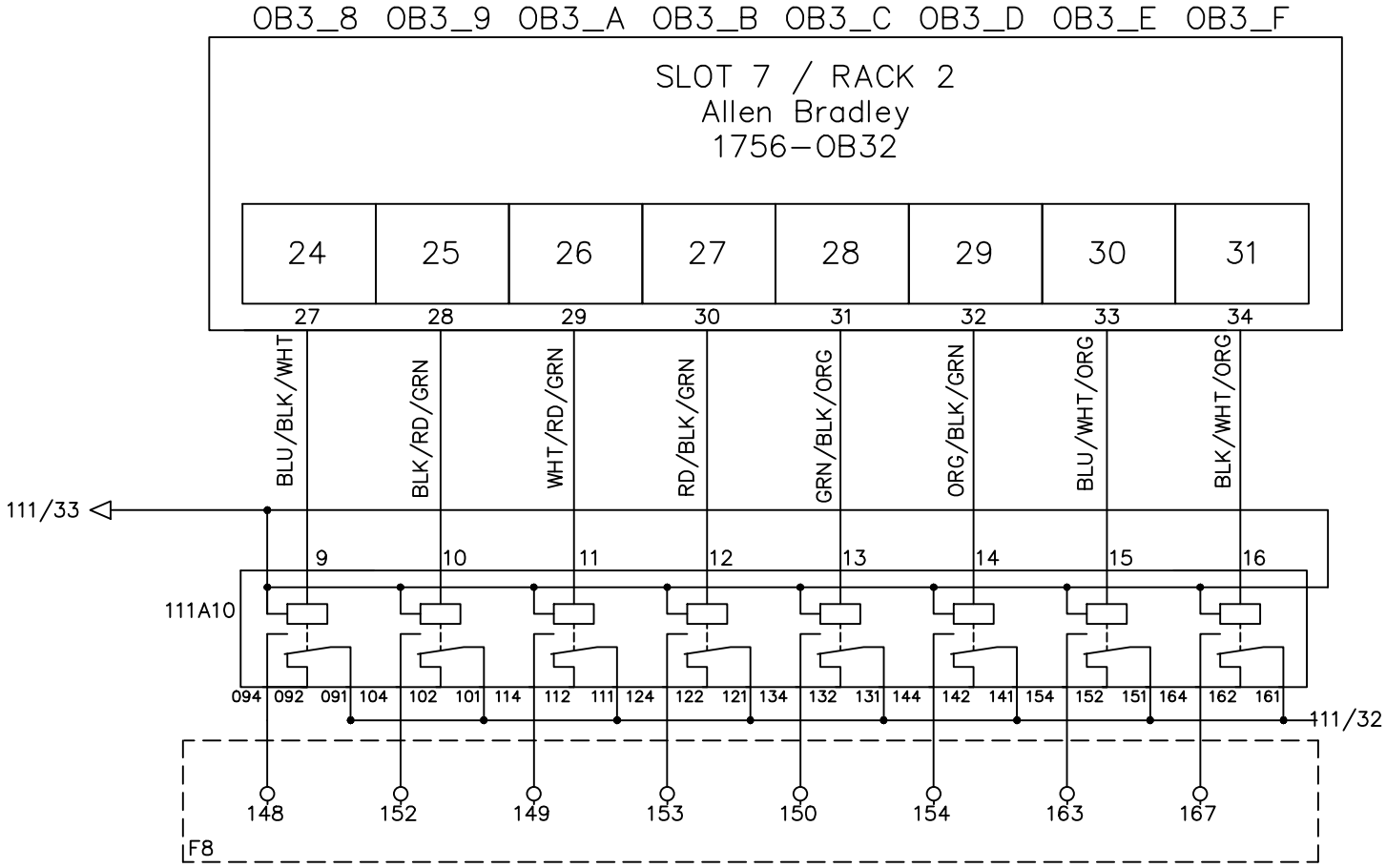
File Name : P111 slot 7 Allen Bradley 1756-OB32 rack2-3.dwg

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

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12	Page #	111				
								Total					
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/10/19	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

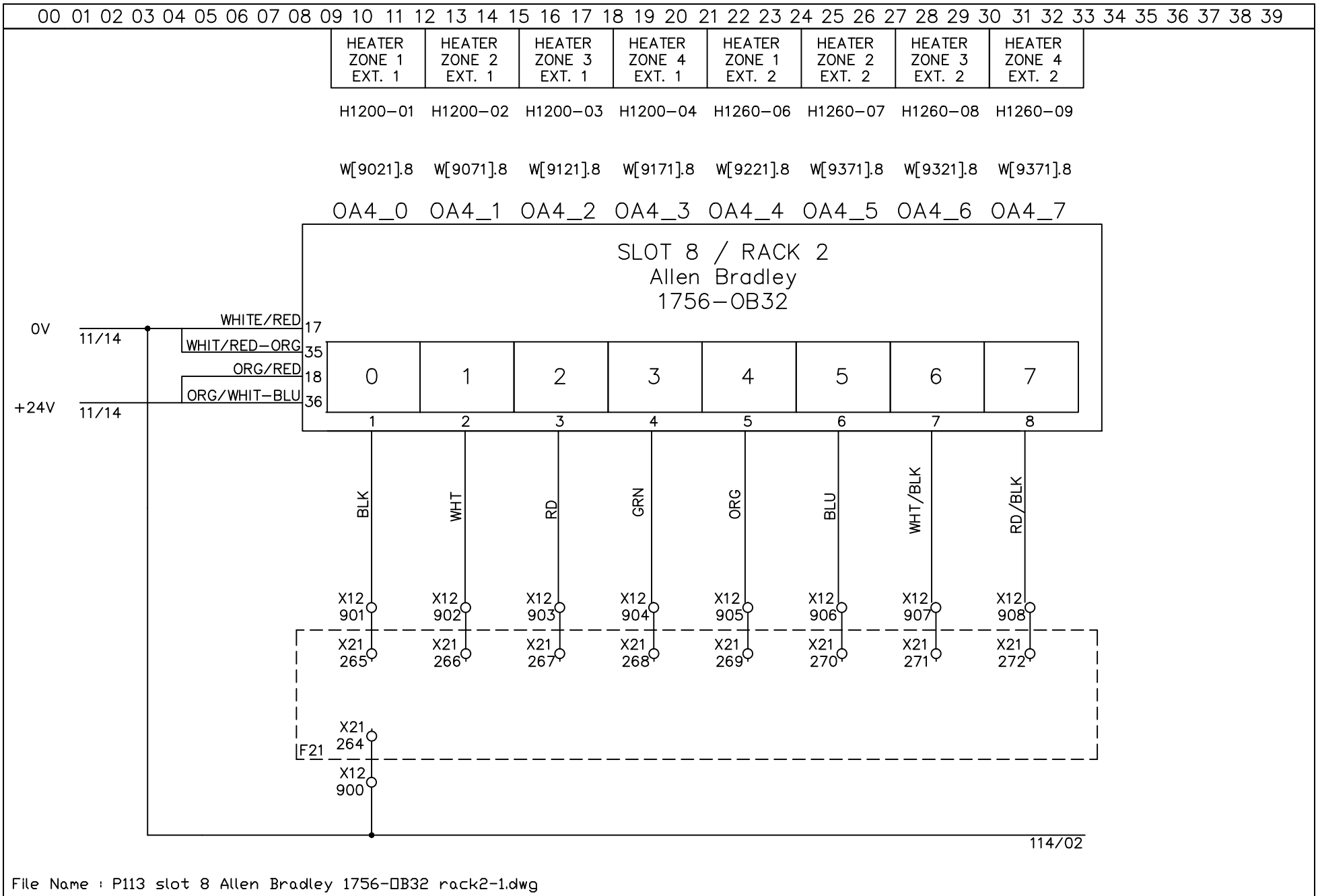
VACUUM VALVE 2	DUMP VALVE 2	VACUUM VALVE 3	DUMP VALVE 3	VACUUM VALVE 4	DUMP VALVE 4	VACUUM VALVE 5	DUMP VALVE 5



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

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12	Page #	112				
								Total					
DRAWN BY	Rufus Huang					DRAWING NO.		MATERIAL					
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM		

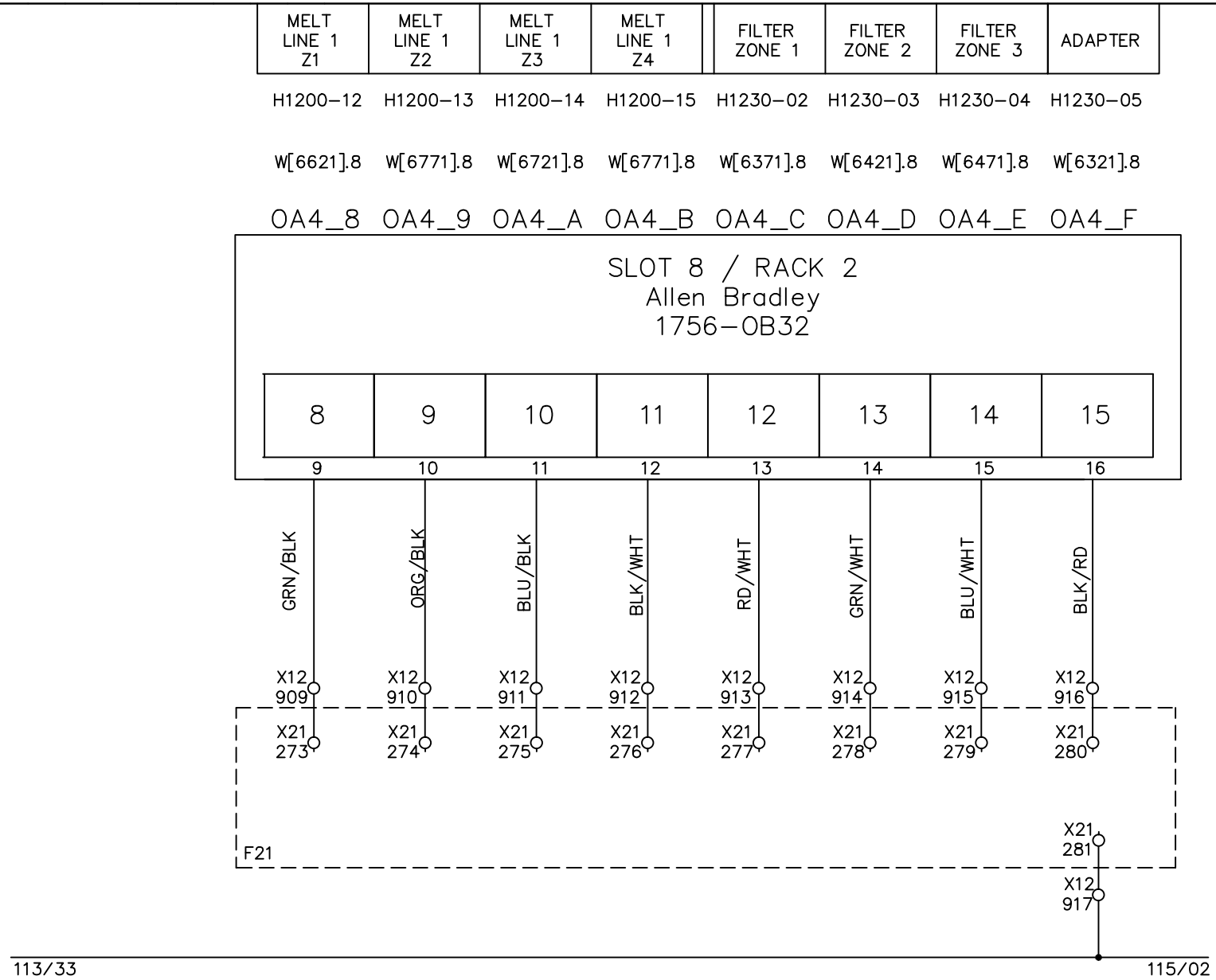


File Name : P113 slot 8 Allen Bradley 1756-OB32 rack2-1.dwg

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.	Line2 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	113				
								Total					
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/10/19	DRAWING NO.		MATERIAL					
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM		

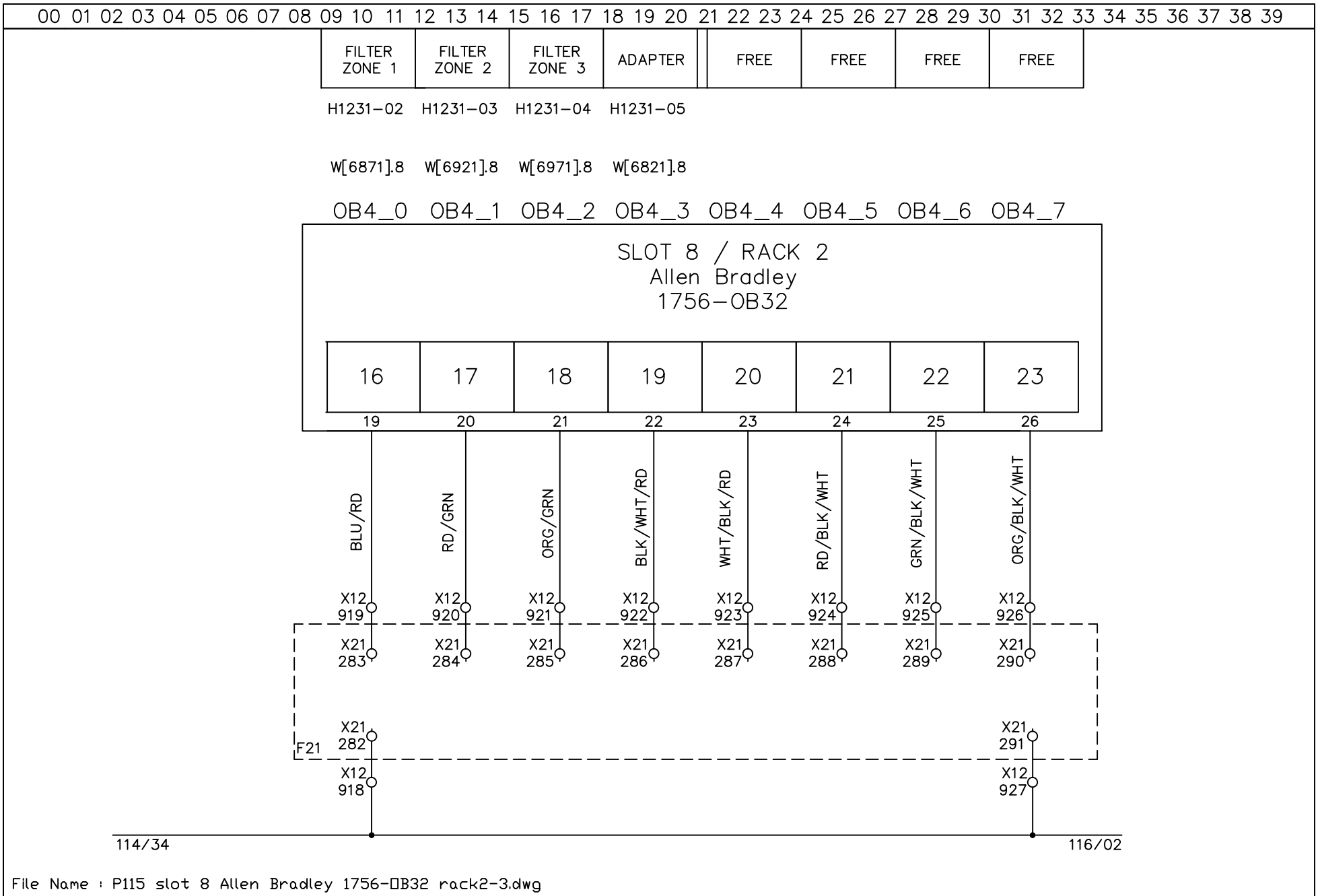
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



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

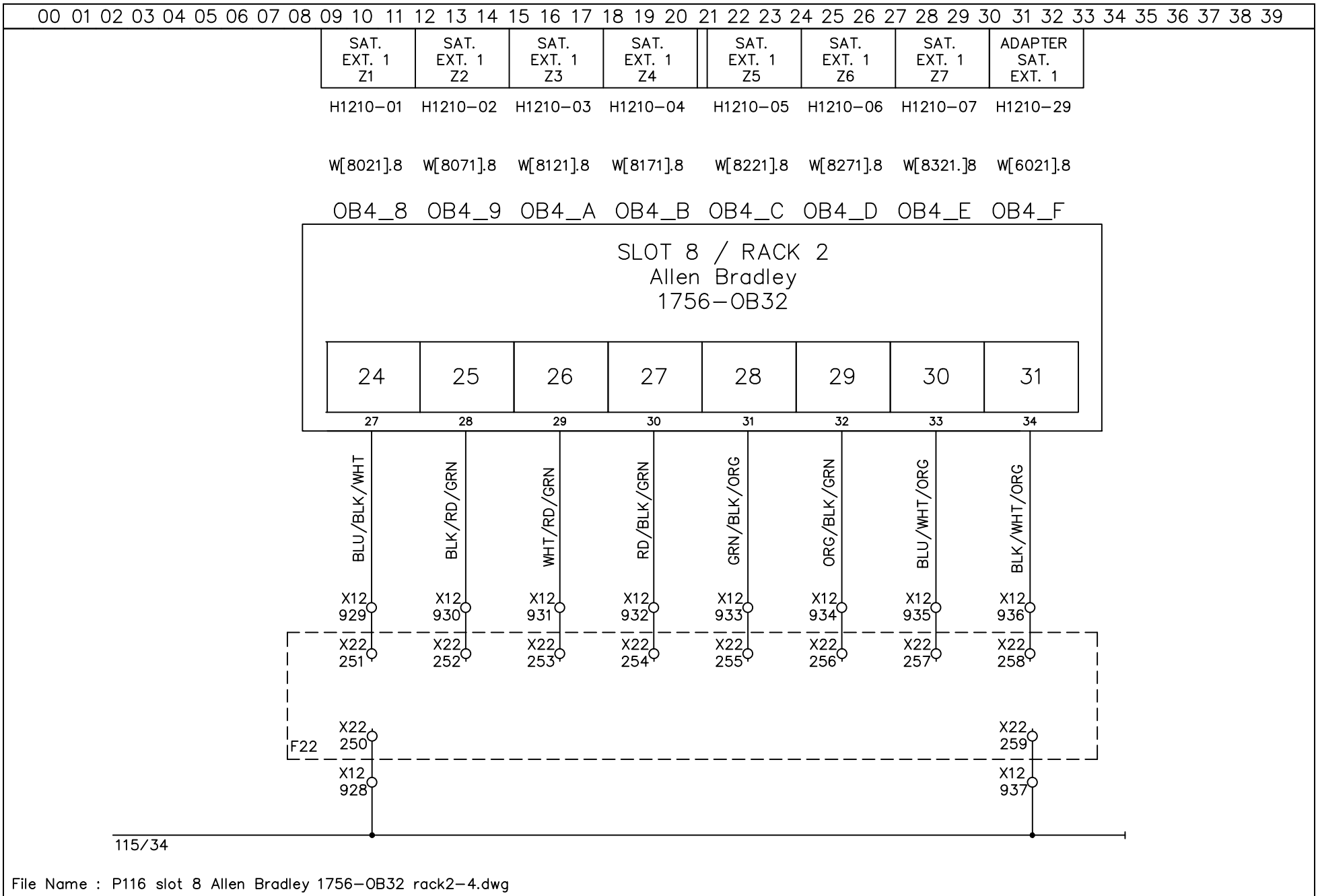
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	114				
								Total					
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/10/19	DRAWING NO.		MATERIAL					
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05–01–2018	SCALE	NONE	UNIT	MM		



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

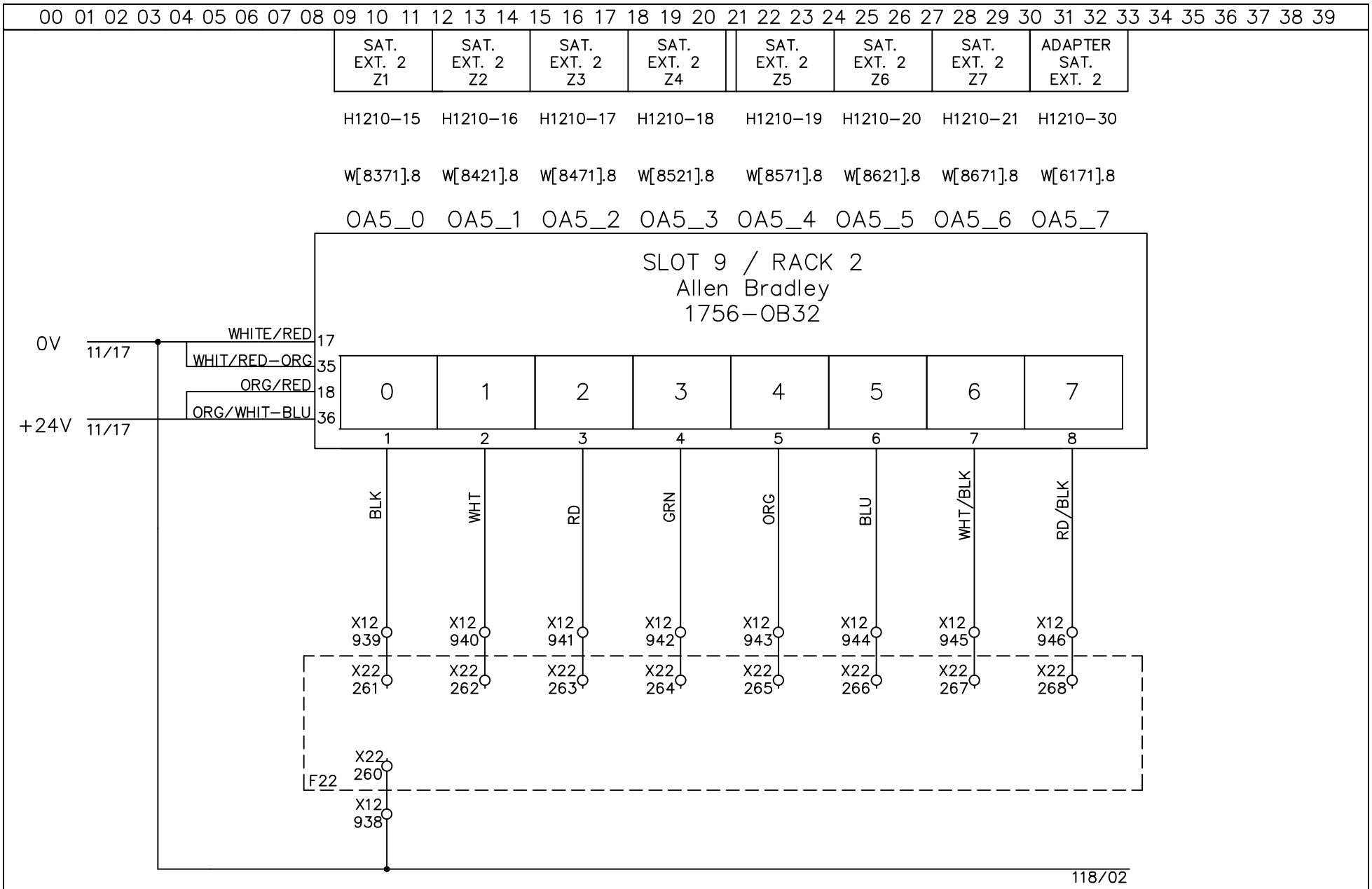
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	115				
								Total					
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/10/19	DRAWING NO.		MATERIAL					
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM		



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 DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL OUTPUT						DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	116			
									Total				
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/10/19		DRAWING NO.		MATERIAL				
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE		DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM	

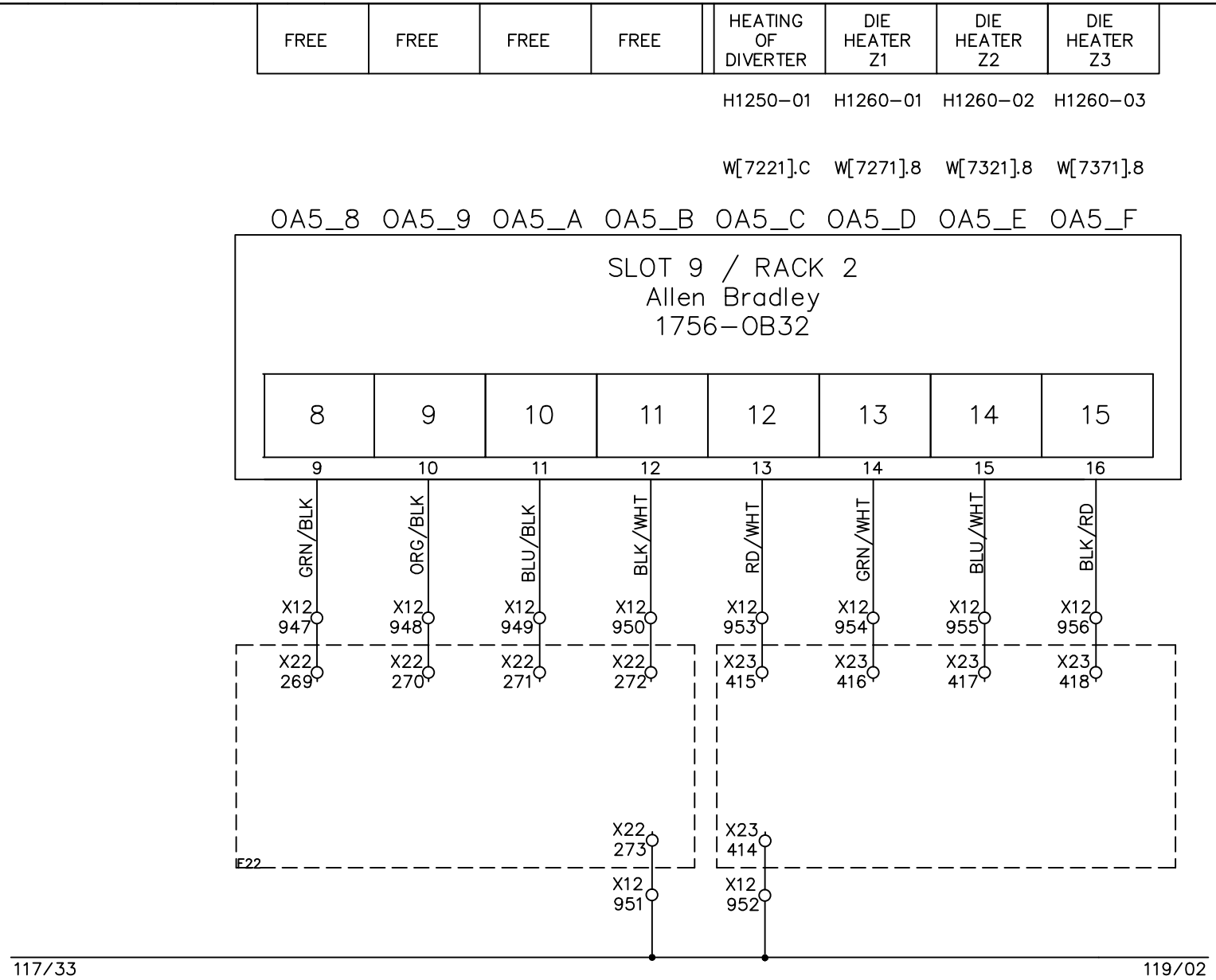


File Name : P117 slot 9 Allen Bradley 1756-OB32 rack2-1.dwg

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 DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6		Page #	117			
									Total				
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/10/19	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

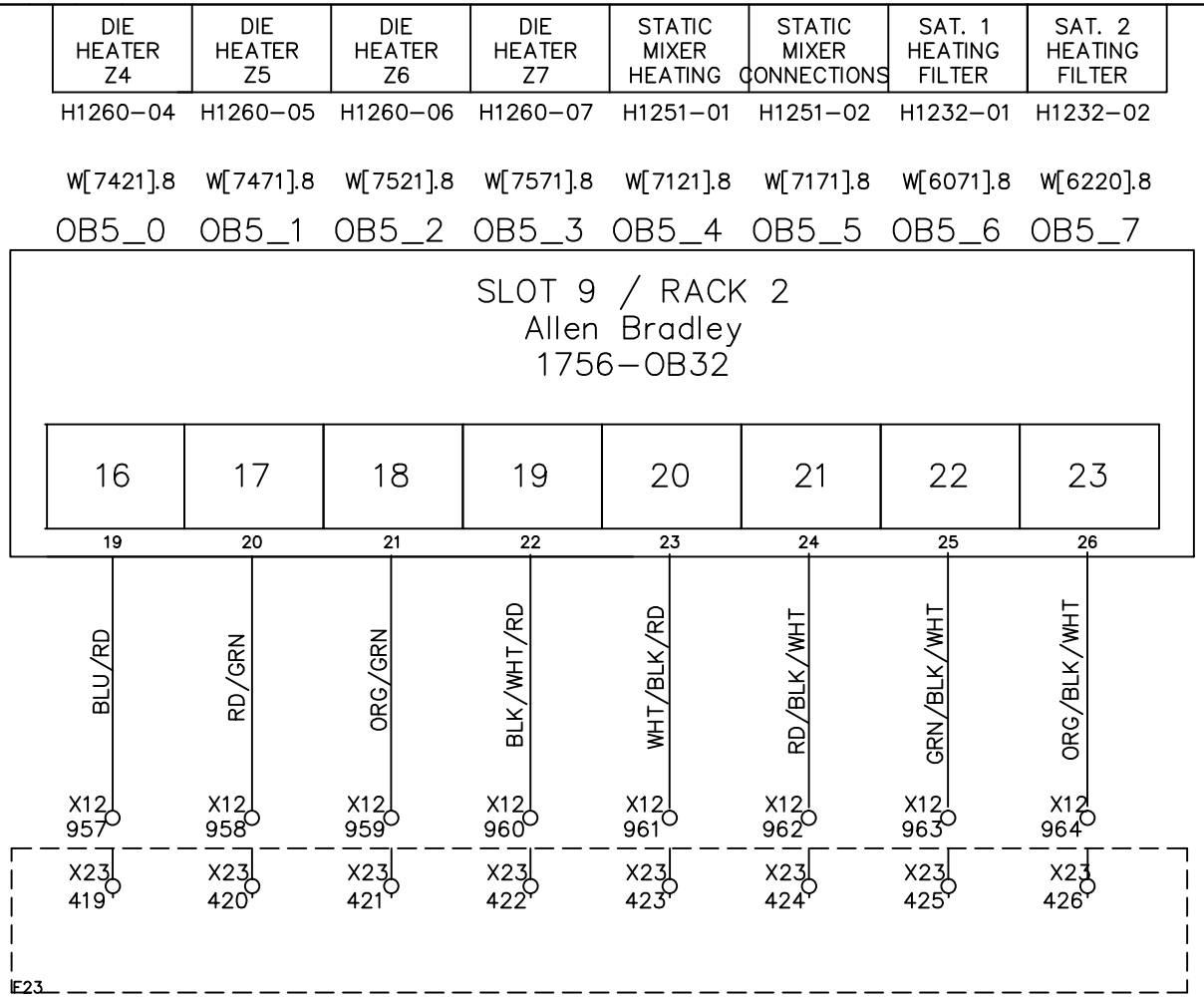


File Name : P118 slot 9 Allen Bradley 1756-OB32 rack2-2.dwg

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

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	118				
								Total					
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/10/19	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



118/34

120/02

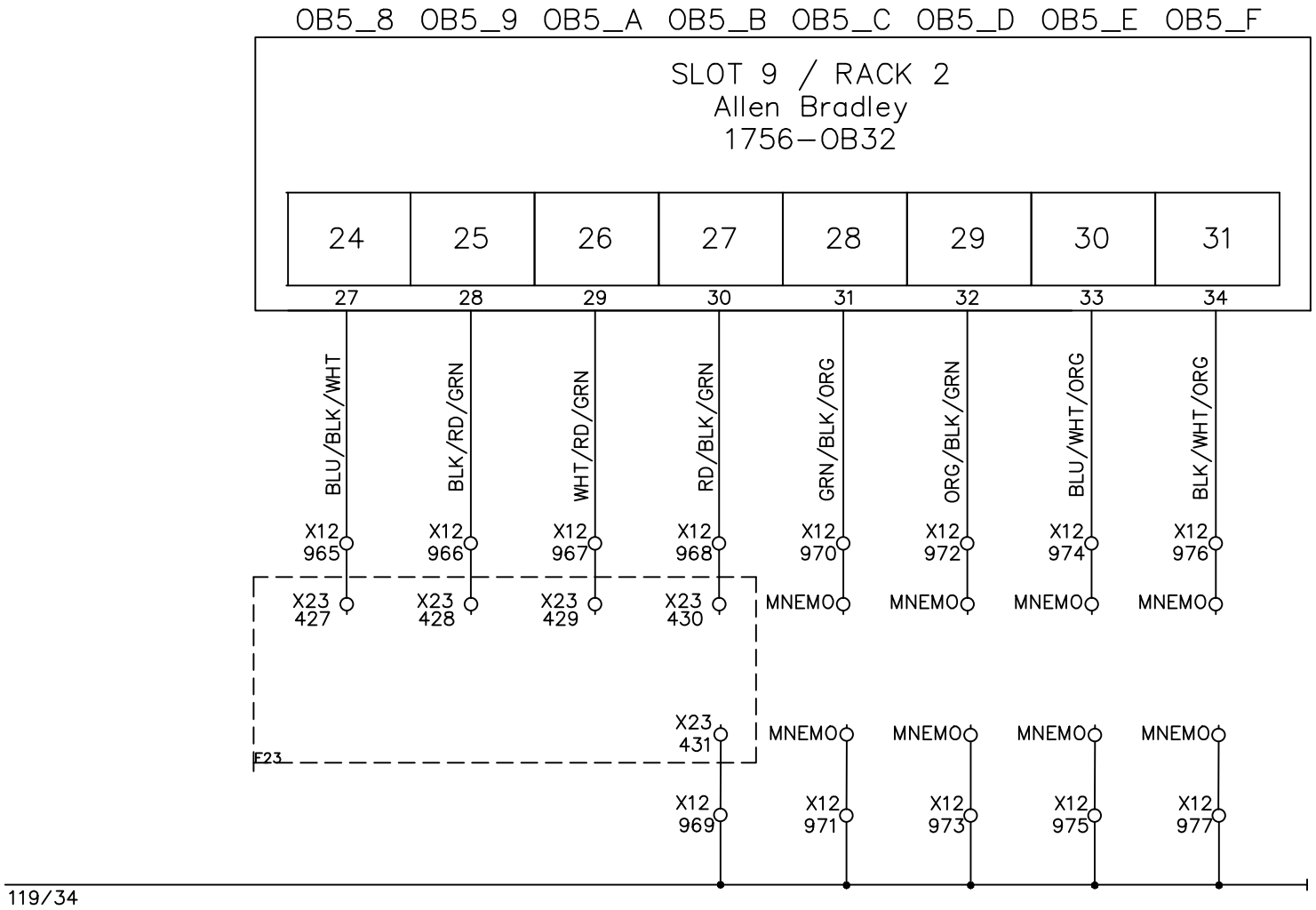
File Name : P119 slot 9 Allen Bradley 1756-OB32 rack2-3.dwg

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

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	119				
								Total					
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/10/19	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

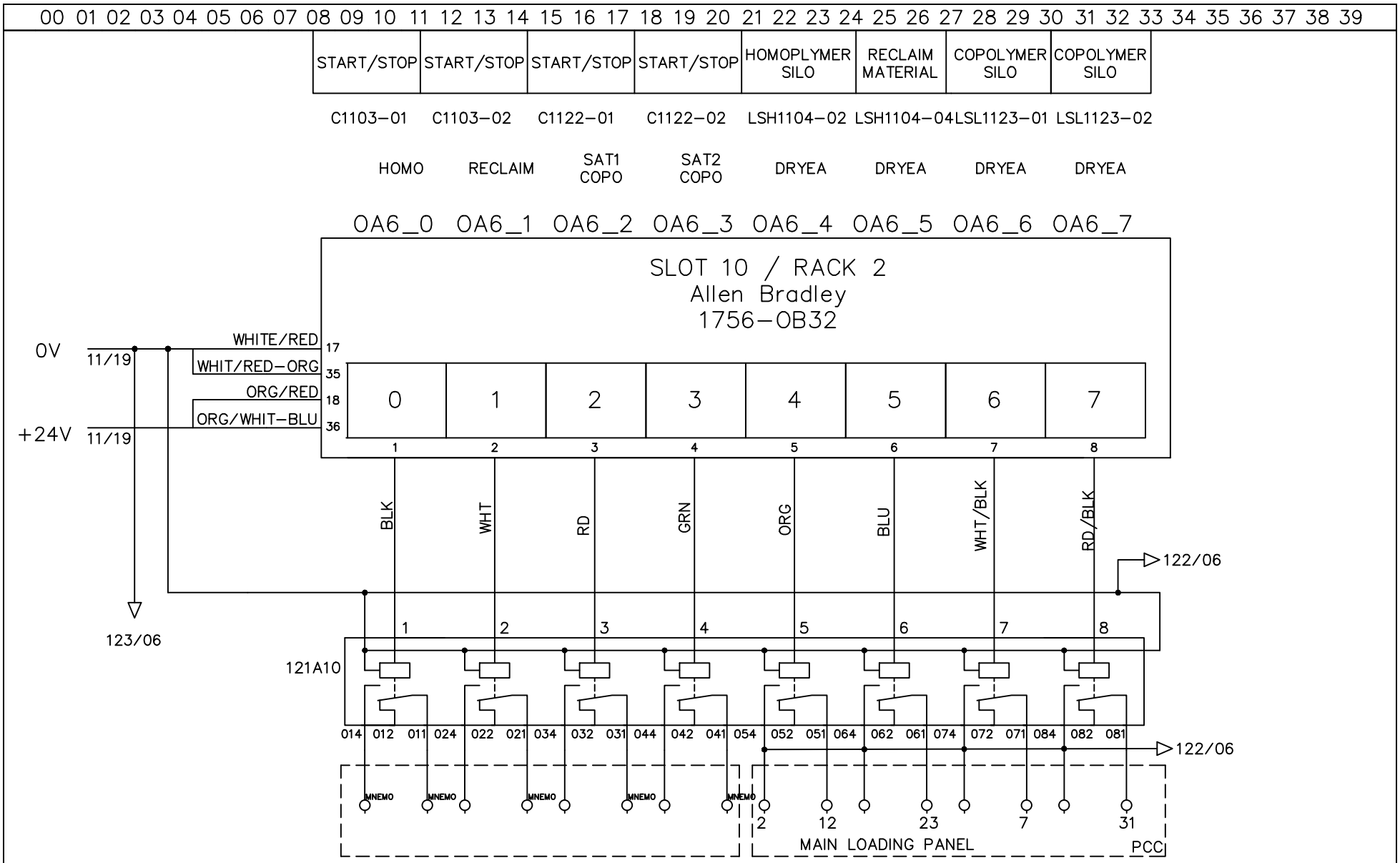
FREE	FREE	FREE	FREE	FREE	FREE	FREE	FREE



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

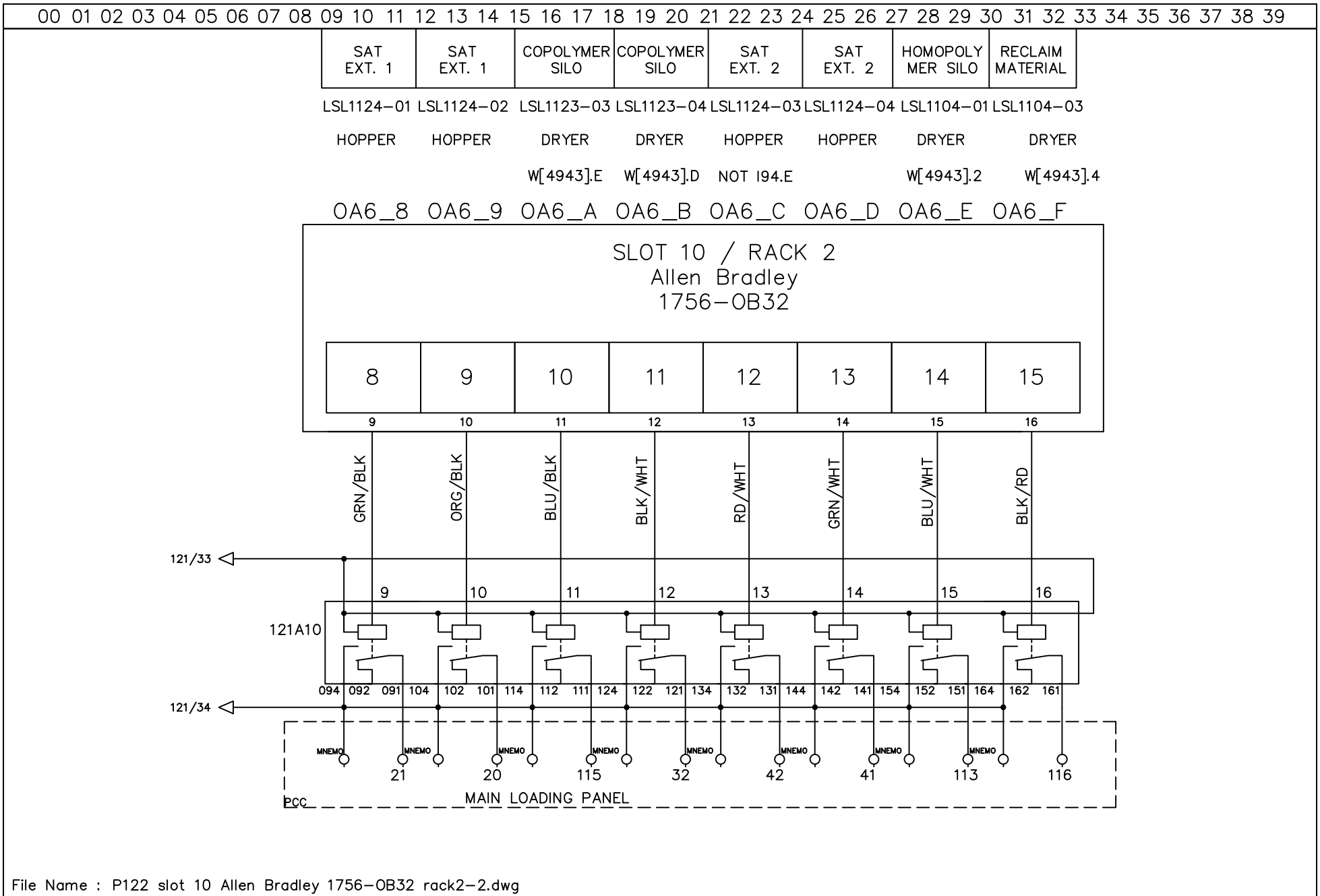
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	120				
								Total					
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/10/19	DRAWING NO.		MATERIAL					
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM		



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 DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12		Page #	121			
									Total				
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/10/19	DRAWING NO.			MATERIAL				
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018		SCALE	NONE	UNIT	MM	



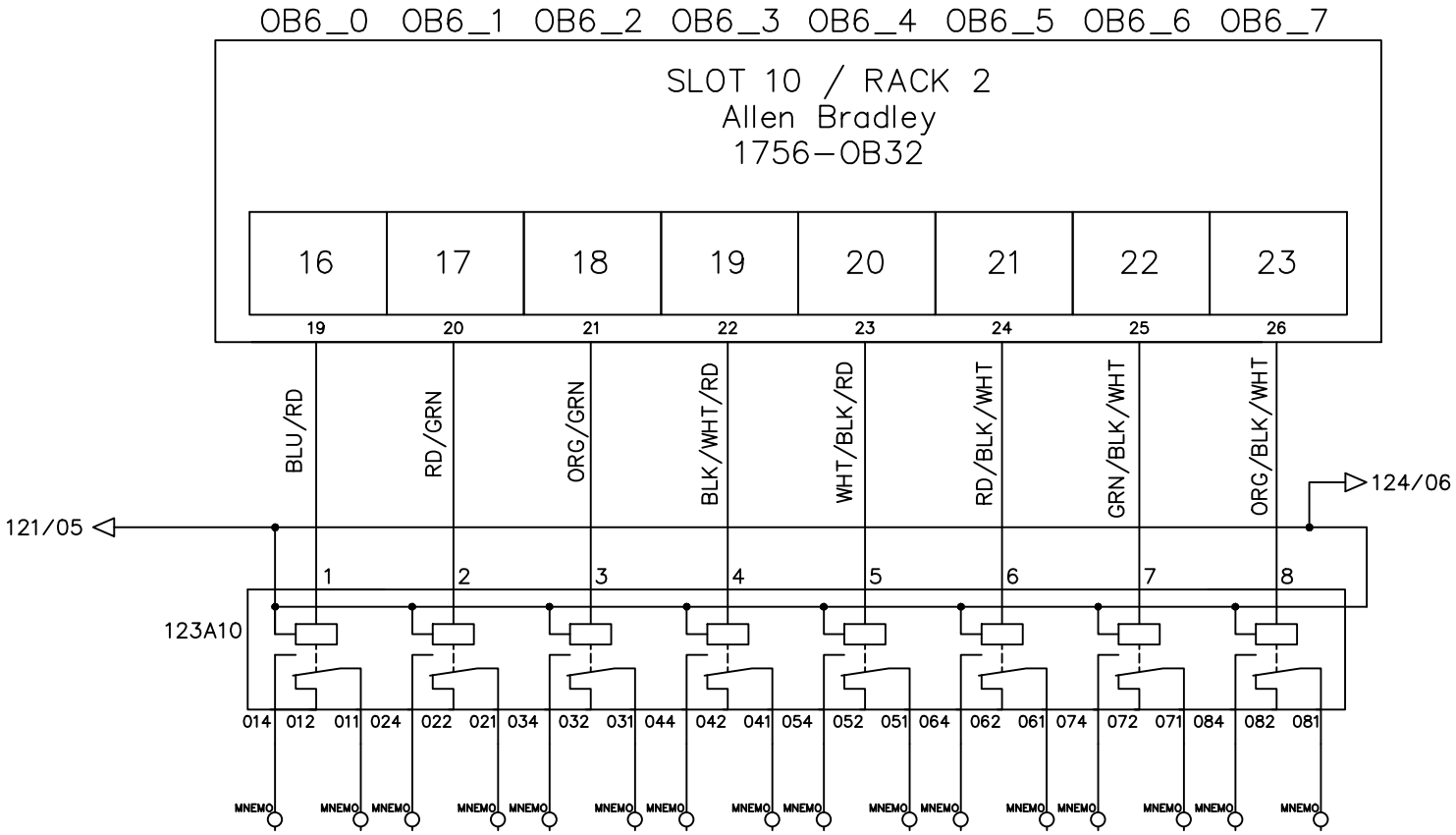
File Name : P122 slot 10 Allen Bradley 1756-OB32 rack2-2.dwg

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 DIVI. M/E DEPT.		Line2 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12	Page #	122			
									Total				
DRAWN BY	Rufus Huang		1	Add Terminal Number	Charlie Z.	05/10/19	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

FREE	FREE	FREE	FREE	FREE	FREE	FREE	FREE



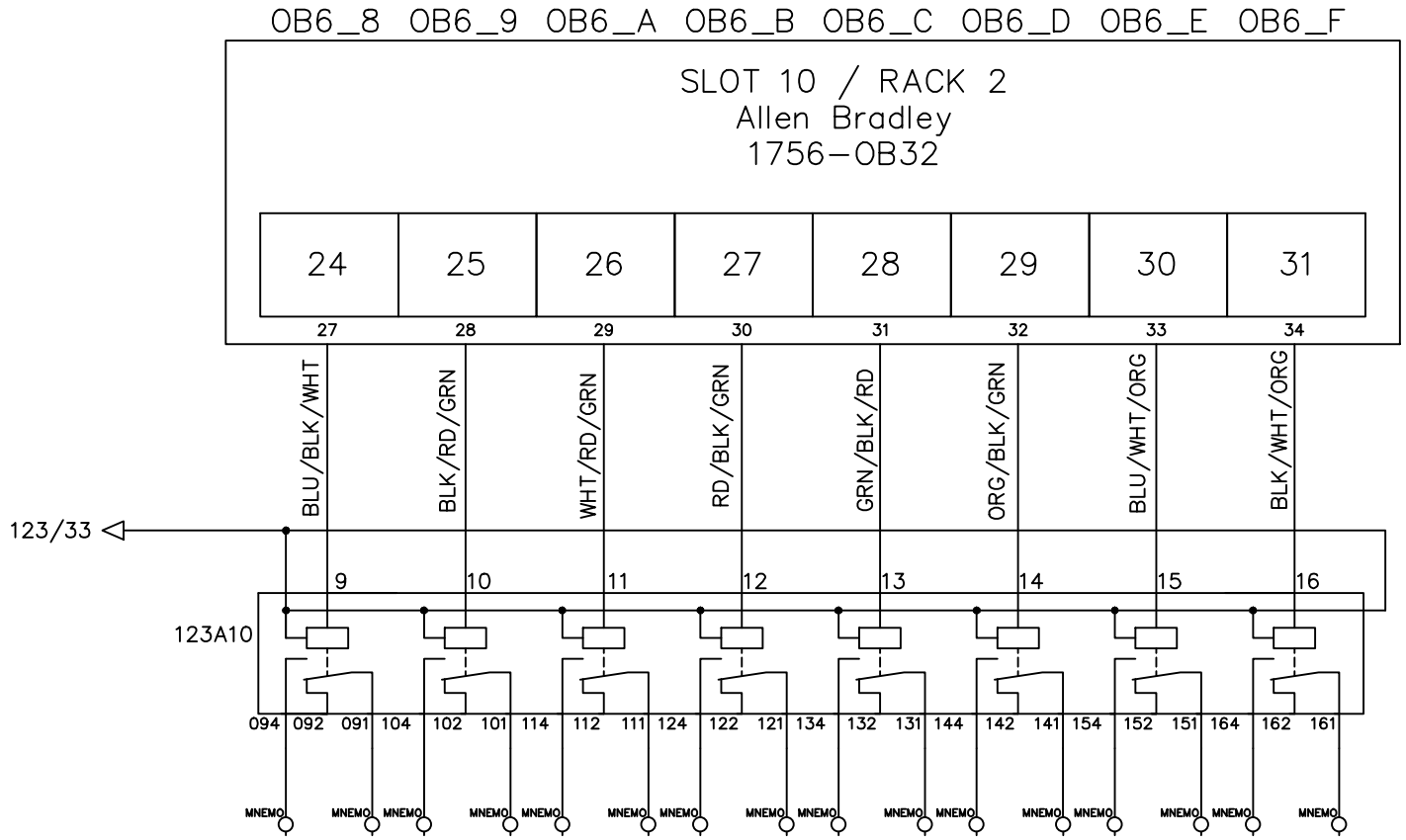
File Name : P123 slot 10 Allen Bradley 1756-OB32 rack2-3.dwg

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

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12	Page #	123			
								Total				
DRAWN BY Rufus Huang		1	Add Terminal Number	Charlie Z.	05/10/19	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

FREE	FREE	FREE	FREE	FREE	FREE	FREE	FREE



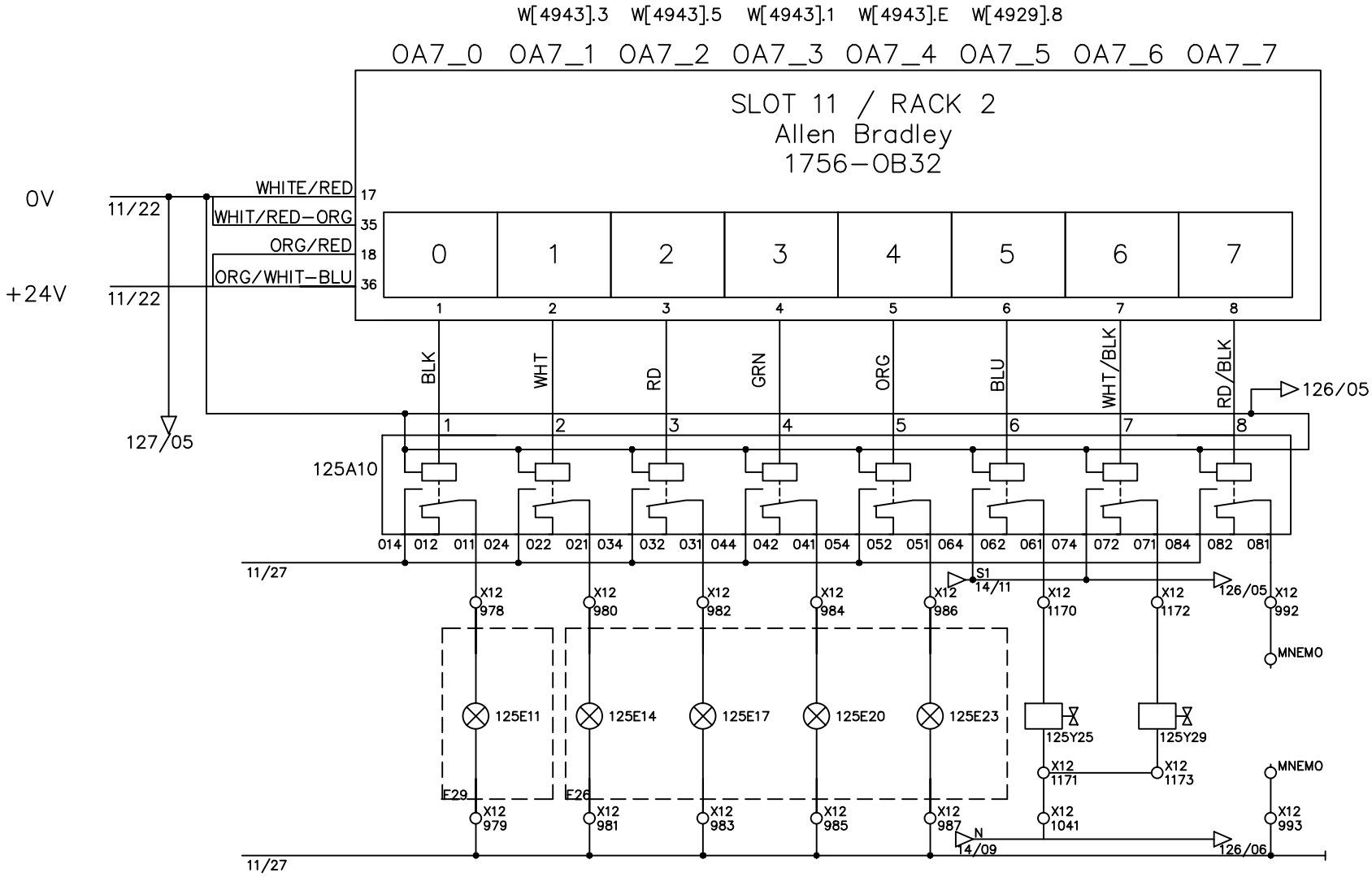
File Name : P124 slot 10 Allen Bradley 1756-OB32 rack2-4.dwg

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

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12	Page #	124			
								Total				
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/10/19	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

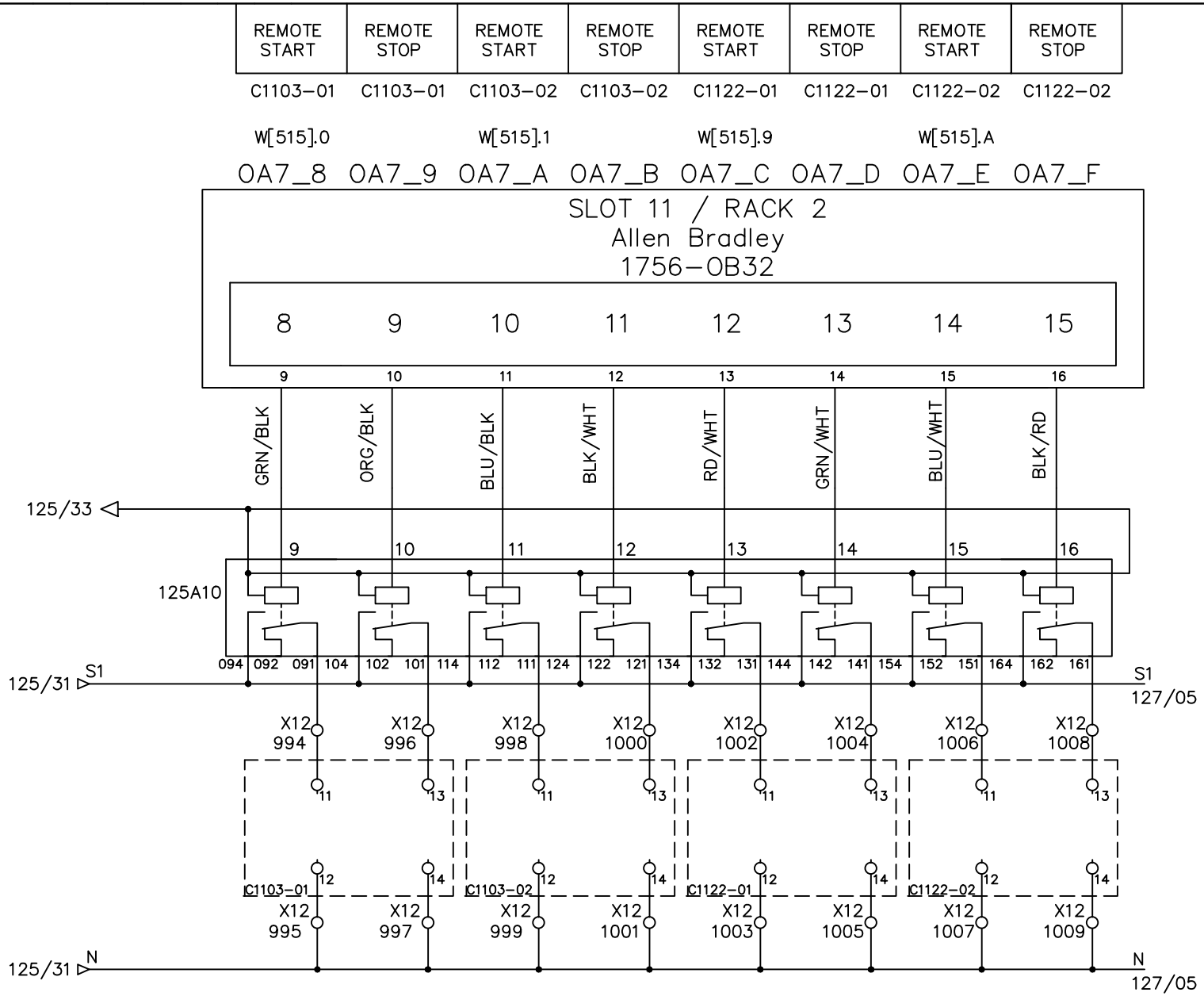
FEEDING VALVE OPEN	HIGH LEVEL HOMOPOL. SLIO	HIGH LEVEL RECLAIM MAT	HIGH LEVEL COPOL SAT. 1	HIGH LEVEL COPOL SAT. 2	COOLING FEEDING ZONE EXT. 2	EXHAUST SOLENOID VALVE CONNAIR	FREE



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 DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	125		
								Total			
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/10/19	DRAWING NO.		MATERIAL			
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	05-01-2018	SCALE	NONE	UNIT	MM



File Name : P126 slot 11 Allen Bradley 1756-OB32 rack2-2.dwg

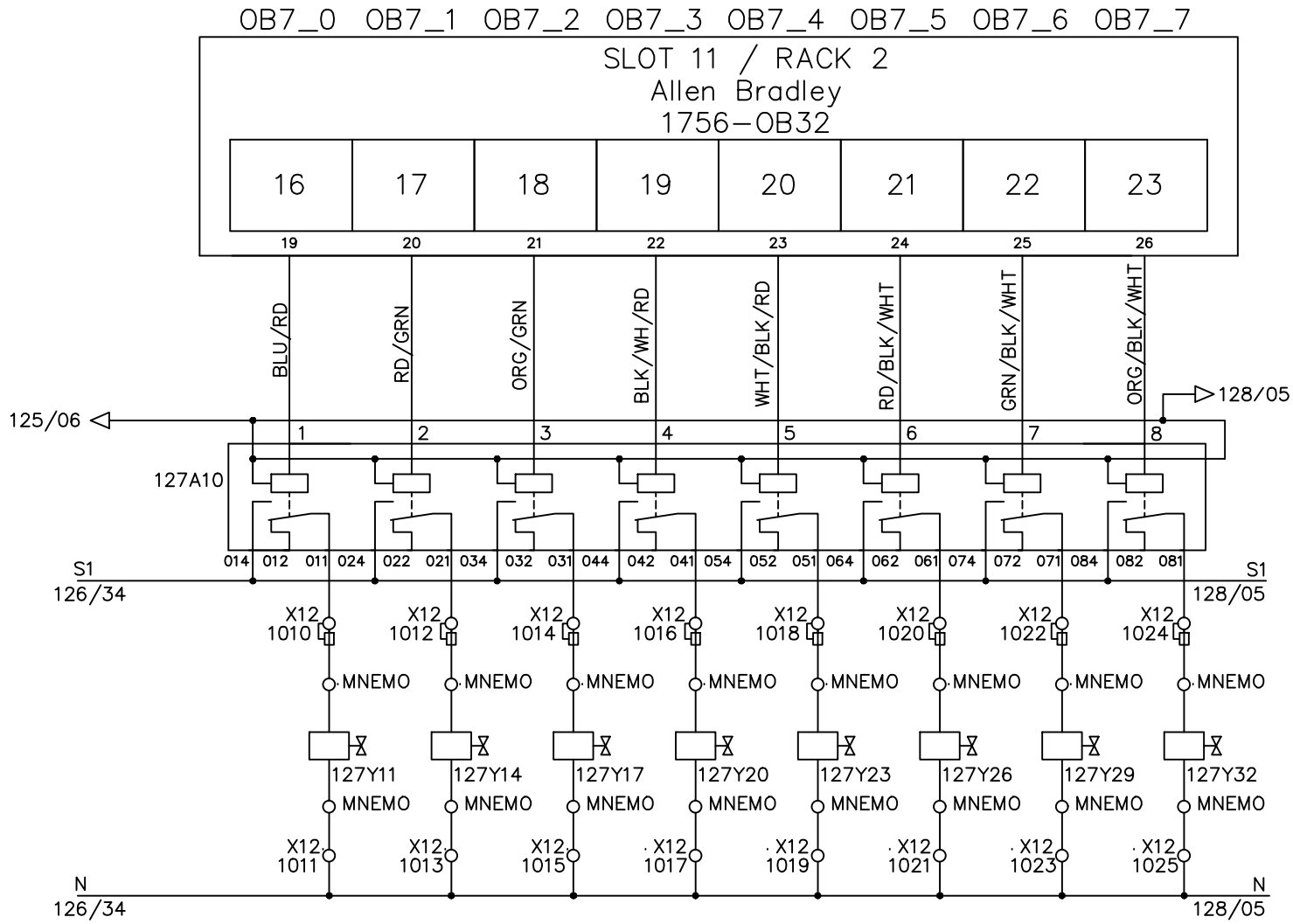
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	126				
								Total					
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/10/19	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

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
SV1114-01		SV1240-03	SV1240-04	SV1245-01	SV1245-02	SV1200-00	SV1200-01

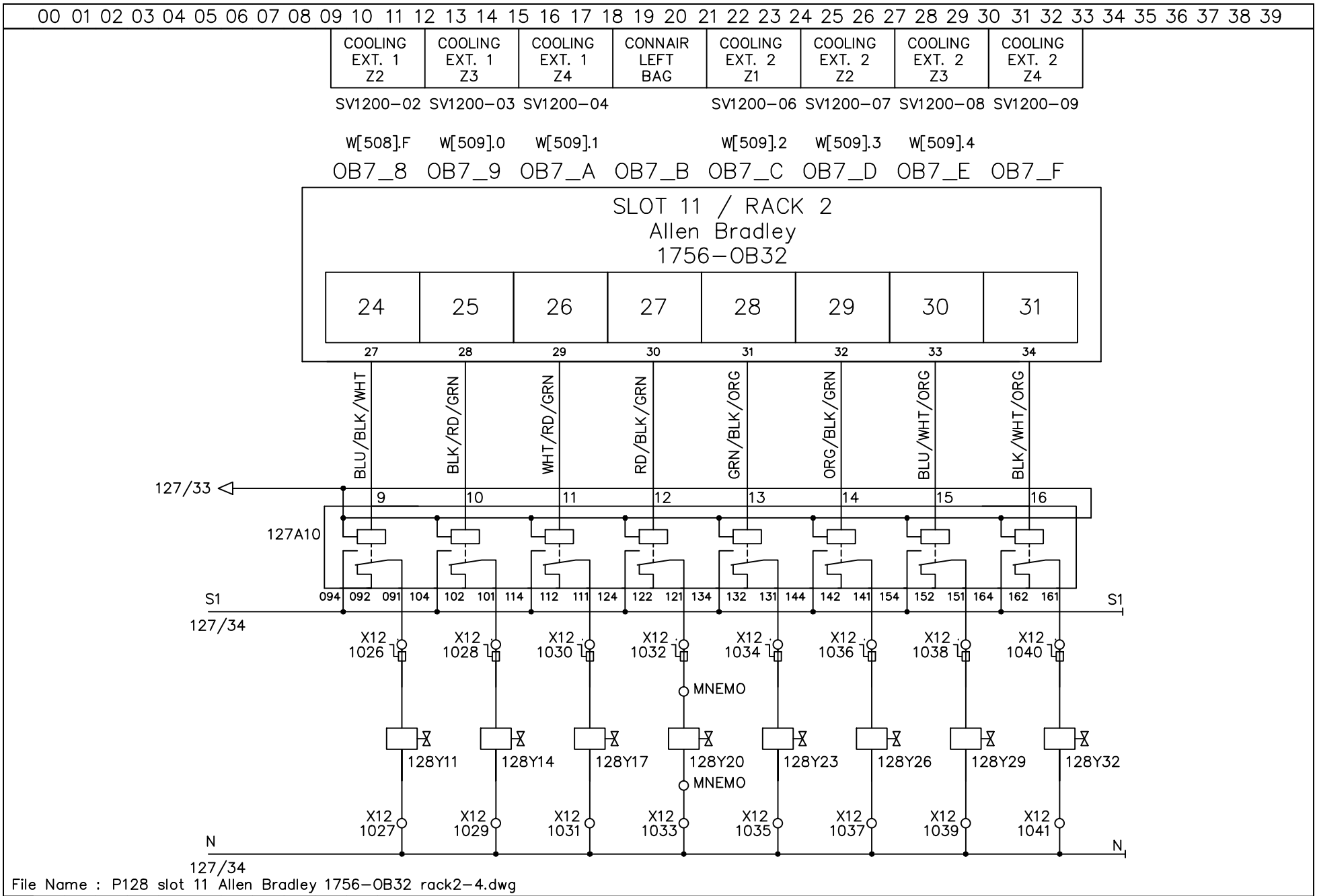
W[4929].7 W[508].E



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

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 32 P.L.C. DIGITAL OUTPUT					DRAWING DESCRIPTION	KF023 F12 X12 DOOR 6	Page #	127		
								Total			
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	05/10/19	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
COOLING EXT. 1 Z2
COOLING EXT. 1 Z3
COOLING EXT. 1 Z4
CONNAIR LEFT BAG
COOLING EXT. 2 Z1
COOLING EXT. 2 Z2
COOLING EXT. 2 Z3
COOLING EXT. 2 Z4
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
BLU/BLK/WHT
BLK/RD/GRN
WHT/RD/GRN
RD/BLK/GRN
GRN/BLK/ORG
ORG/BLK/GRN
BLU/WHT/ORG
BLK/WHT/ORG
127/33
9 10 11 12 13 14 15 16
127A10
S1
127/34
094 092 091 104 102 101 114 112 111 124 122 121 134 132 131 144 142 141 154 152 151 164 162 161
S1
X12 1026
X12 1028
X12 1030
X12 1032
X12 1034
X12 1036
X12 1038
X12 1040
MNEMO
128Y11
128Y14
128Y17
128Y20
128Y23
128Y26
128Y29
128Y32
MNEMO
X12 1027
X12 1029
X12 1031
X12 1033
X12 1035
X12 1037
X12 1039
X12 1041
N
127/34
N
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
INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.
DRAWN BY Rufus Huang
CHECKED BY JERRY WU
Line2 32 P.L.C. DIGITAL OUTPUT
1 Add Terminal Number Charlie Z. 05/10/19
REV. NO REV. DESCRIPTION REV. BY: REV. DATE
DRAWING DESCRIPTION KF023 F12 X12 DOOR 6
DRAWING NO.
DRAWN DATE:
Page # 128
Total
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

FROM RACK 2/SLOT6
DA2.0~DA2.7

FROM RACK 2/SLOT6
DA2.8~DA2.F

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

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

TO X22 FROM TERMINAL 186-217

TO X22 FROM TERMINAL 186-217

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

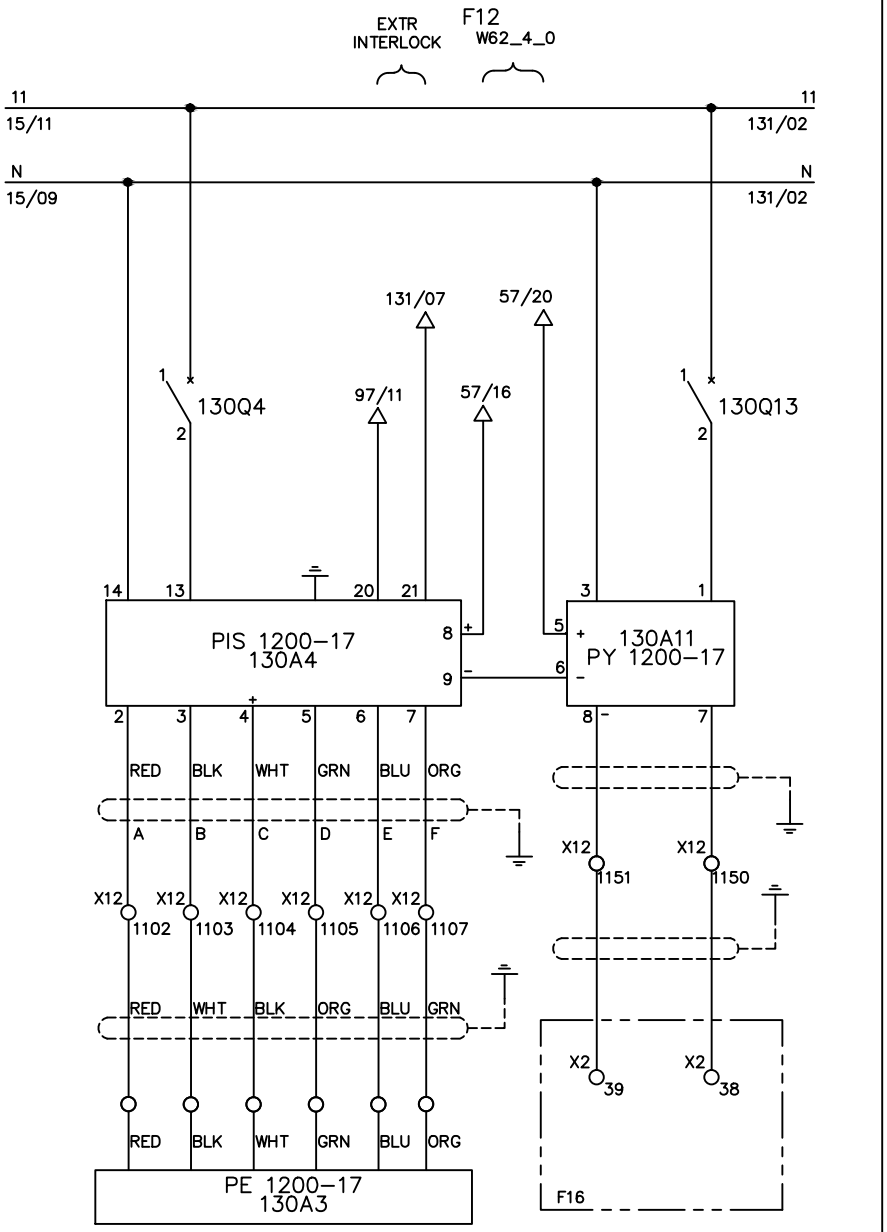
	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1

FROM RACK 2/SLOT6
DA2.8~DA2.F

FROM RACK 2/SLOT6
DA2.0~DA2.7

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.	LINE2 DUCT 5 RELAY					DRAWING DESCRIPTION	KF023 F12	Page #	129				
								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		

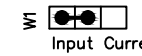


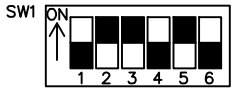
MARKS	DESIGNATION	MANUFACTURER	SCALES
PE 1200-17	TPT463E	DYNISCO	B-345 bars
PIS 1200-17	UPR900	DYNISCO	4-20mA
PY 1200-17	4380	Action Pak	4-20mA

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		

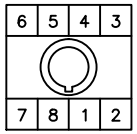
Action Pak 4380

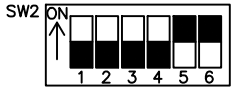
1: POWER (HOT)
2: SHIELD(GND)
3: POWER(NEU)
4: NOT USED(N/A)
5: + INPUT
6: - INPUT
7: + OUTPUT
8: - OUTPUT





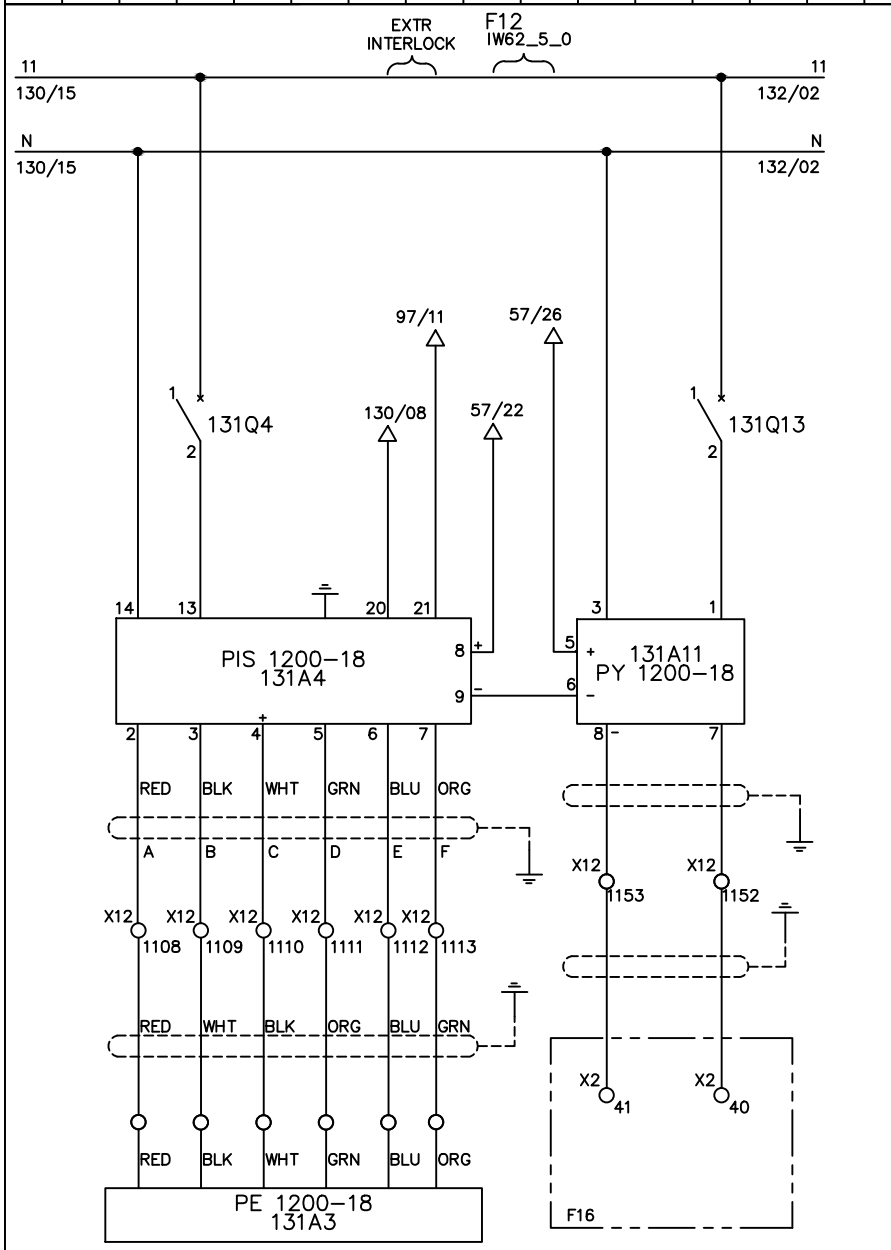
Input 20mA





Output 4~20mA

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 MELT PRESSURE AFTER EXT.1 PE 1200-17 (P511, 0-5000PSI)			DRAWING DESCRIPTION	KF012	Page #	130		
						Total			
DRAWN BY	Charlie Zhang			DRAWING NO.		MATERIAL			
CHECKED BY	VINCENT HUANG	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 10/15/2018	SCALE	NONE	UNIT MM

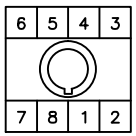


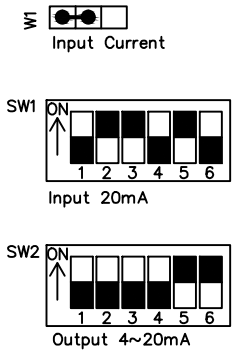
MARKS	DESIGNATION	MANUFACTURER	SCALES
PE 1200-18	PT462E	DYNISCO	B-104 bars
PIS 1200-18	UPR900	DYNISCO	4-20mA
PY 1200-18	4380	Action Pak	4-20mA

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

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





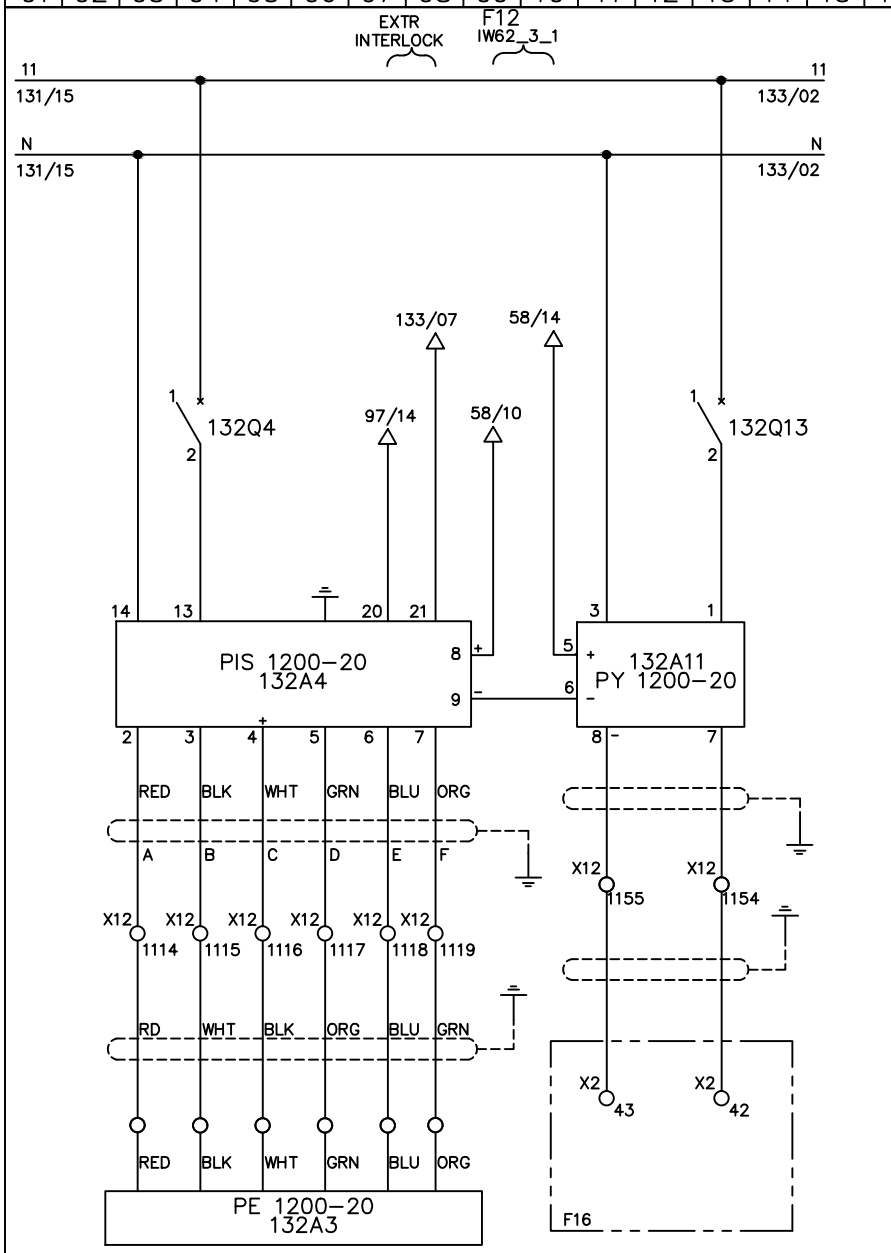
INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.

Line2 MELT PRESSURE BEFORE EXT.2
PE 1200-18 (P512, 0-1500PSI)

DRAWN BY	Charlie Zhang
CHECKED BY	VINCENT HUANG

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

DRAWING DESCRIPTION	KF023	Page #	131
		Total	
DRAWING NO.		MATERIAL	
DRAWN DATE:	10/15/2018	SCALE	NONE
		UNIT	MM

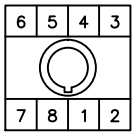


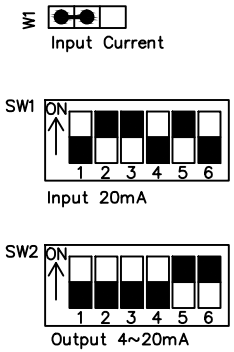
MARKS	DESIGNATION	MANUFACTURER	SCALES
PE 1200-20	TPT463E	DYNISCO	B-345 bars
PIS 1200-20	UPR900	DYNISCO	4-20mA
PY 1200-20	4380	Action Pak	4-20mA

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

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





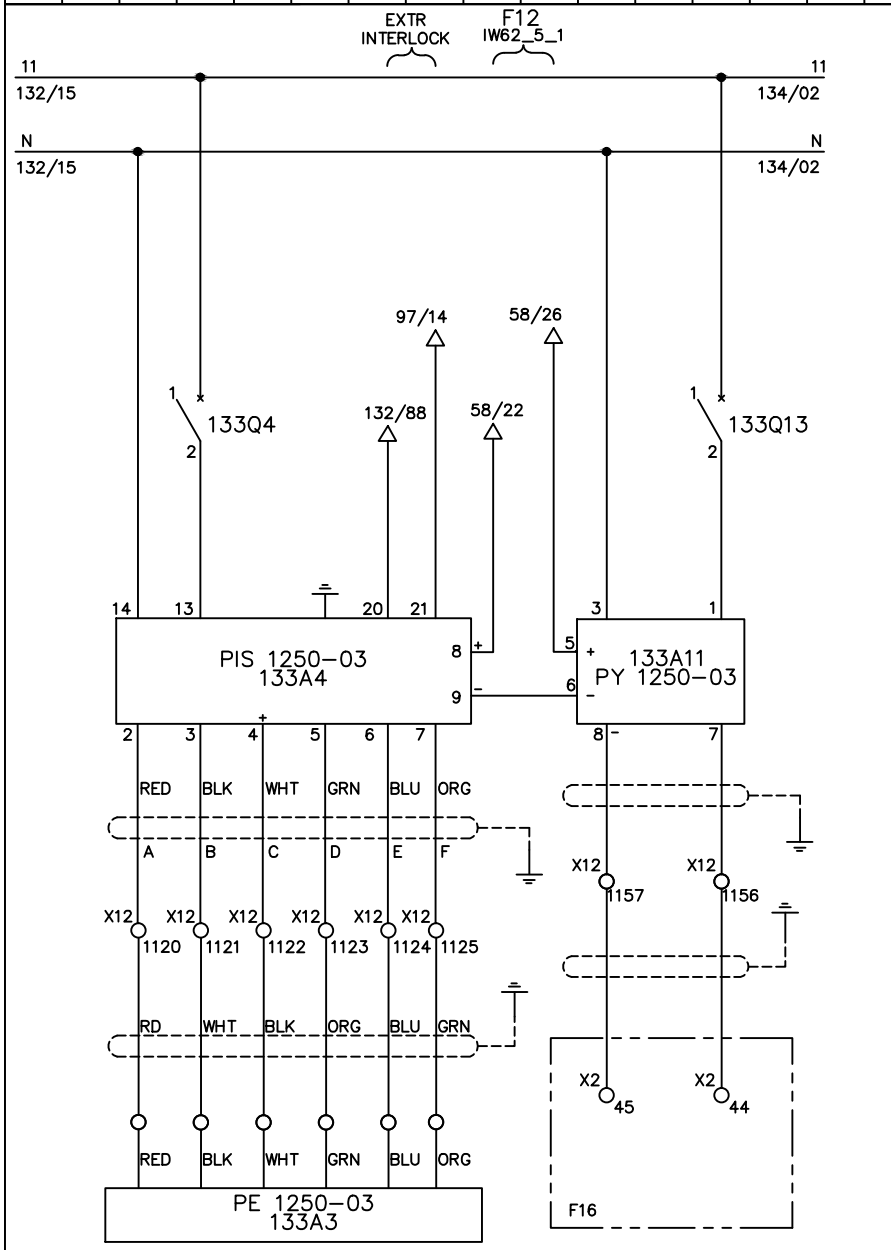
INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.

Line2 MELT PRESSURE AFTER EXT.2
PE 1200-20 (P514, 0-5000PSI)

DRAWN BY	Charlie Zhang	DRAWING DESCRIPTION	KF023
CHECKED BY	VINCENT HUANG	DRAWING NO.	
		DRAWN DATE:	10/15/2018

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

Page #	132				
Total					
MATERIAL					
SCALE	NONE	UNIT	MM		

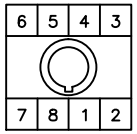


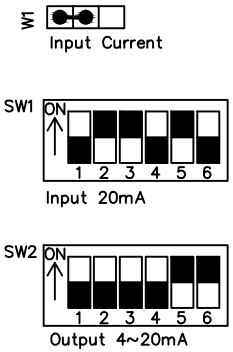
MARKS	DESIGNATION	MANUFACTURER	SCALES
PE 1250-03	TPT463E	DYNISCO	B-207 bars
PIS 1250-03	UPR900	DYNISCO	4-20mA
PY 1250-03	4380	Action Pak	4-20mA

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

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





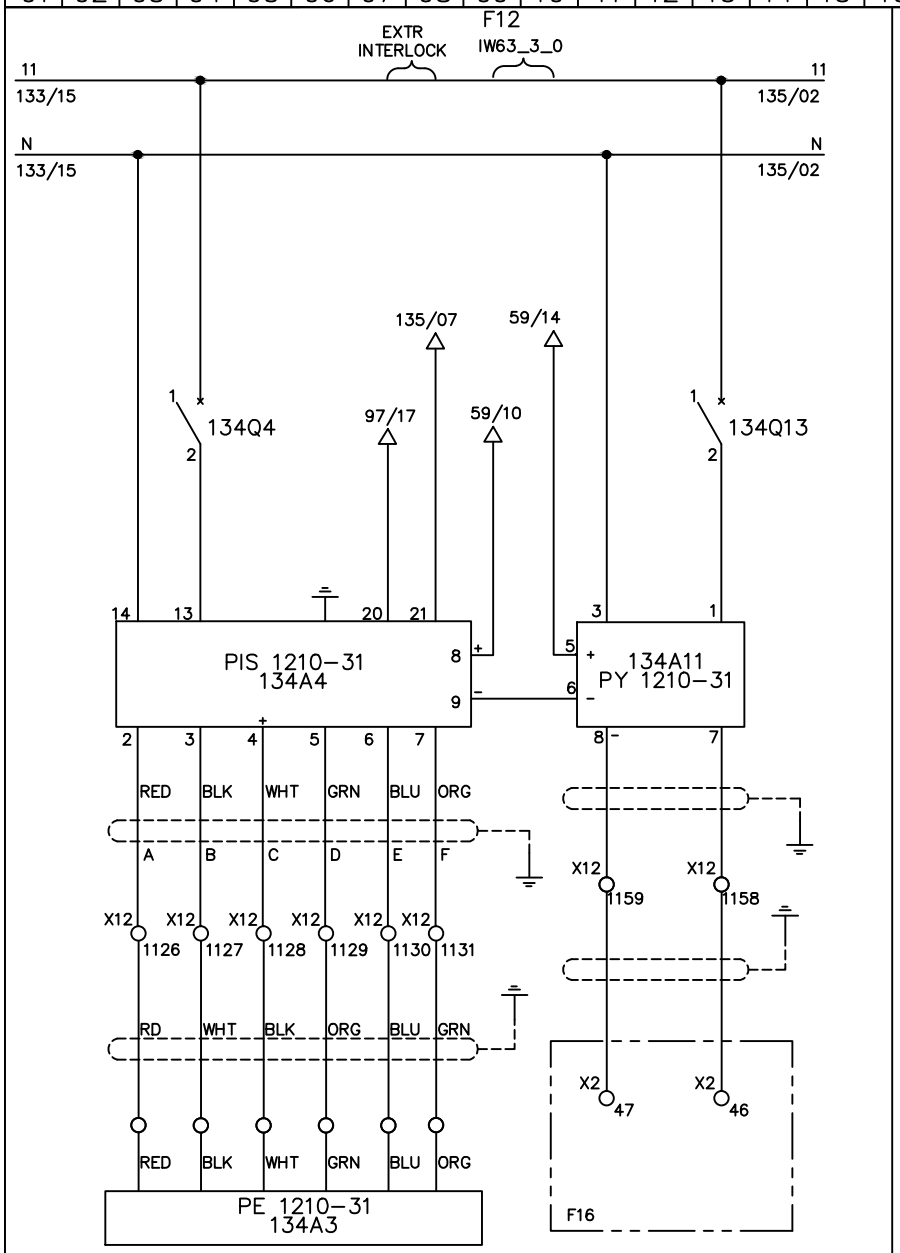
INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.

Line2 MELT PRESSURE BEFORE DIE
PE 1250-03 (P516, 0-3000PSI)

DRAWN BY	Charlie Zhang
CHECKED BY	VINCENT HUANG

DRAWING DESCRIPTION	KF023	Page #	133		
		Total			
DRAWING NO.		MATERIAL			
DRAWN DATE:	10/15/2018	SCALE	NONE	UNIT	MM

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

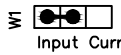


MARKS	DESIGNATION	MANUF ACTURER	SCALES
PE 1210-31	TPT463E	DYNISCO	B-345 bars
PIS 1210-31	UPR900	DYNISCO	4-20mA
PY 1210-31	4380	Action Pak	4-20mA

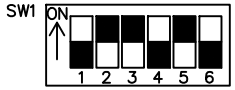
MEAN	UPR690	UPR700	UPR900	PIN NAME	LINE(690)
SIG(+)	6	12	2	A	RED
SIG(-)	7	13	3	B	BLACK
EXCIT(+)	8	16	4	C	WHITE
EXCIT(-)	9	17	5	D	GREEN
CAL.SW,1	10	17	6	E	BLUE
CAL.SW,2	11	14	7	F	ORANGE
OUT(+)	4	21	8		CURRENT(+)
OUT(-)	5	22	9		CURRENT(-)
C	26	46	20		
NO	25	45	21		
GND	33	55	X		
110V	31	53	13		
0	32	54	14		

Action Pak 4380

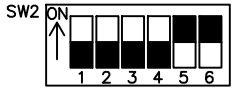
1: POWER (HOT)
2: SHIELD(GND)
3: POWER(NEU)
4: NOT USED(N/A)
5: + INPUT
6: - INPUT
7: + OUTPUT
8: - OUTPUT



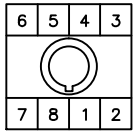
Input Current



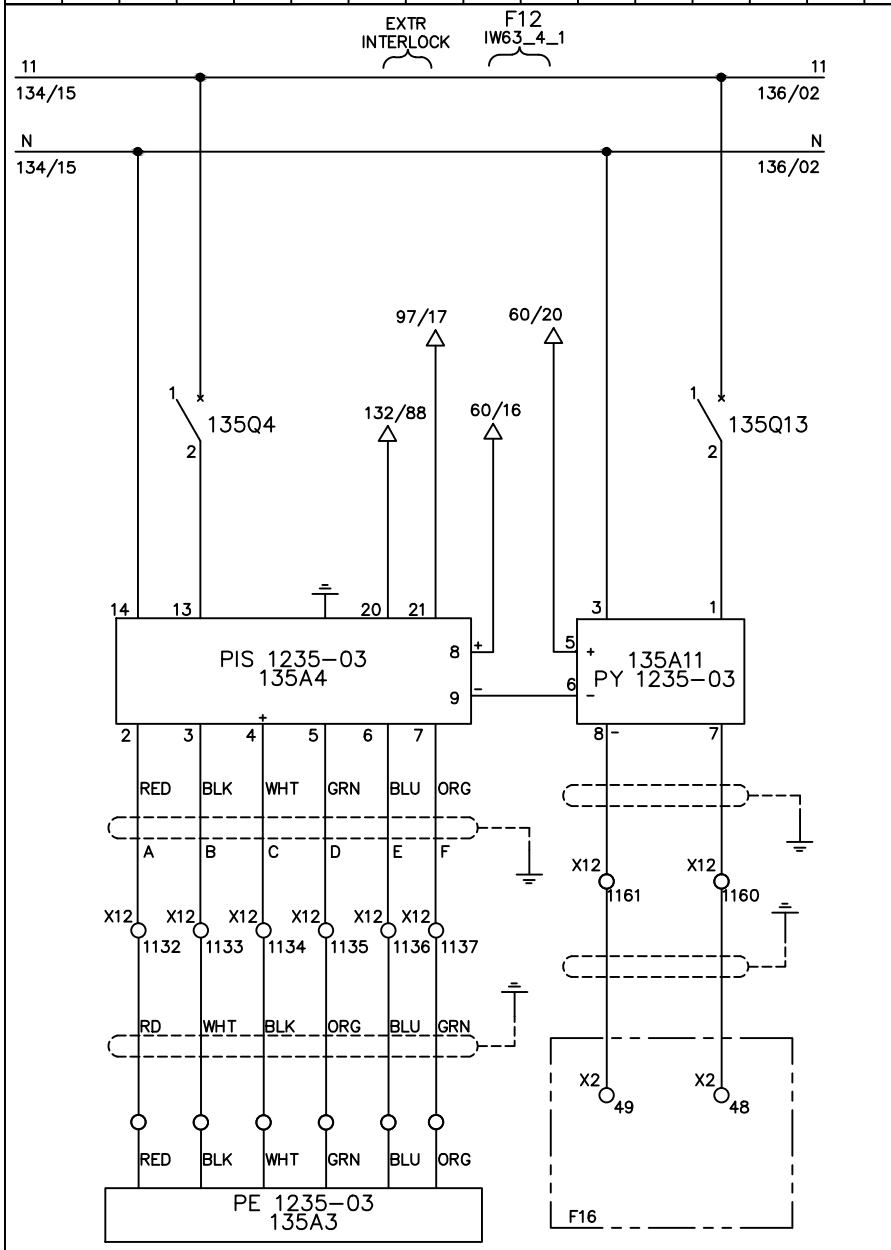
Input 20mA



Output 4~20mA



INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 MELT PRESSURE AFTER SAT.1 PE 1210-31 (P501, 0-5000PSI)			DRAWING DESCRIPTION	KF023	Page #	134				
						Total					
DRAWN BY	Charlie Zhang			DRAWING NO.		MATERIAL					
CHECKED BY	VINCENT HUANG	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	10/15/2018	SCALE	NONE	UNIT	MM

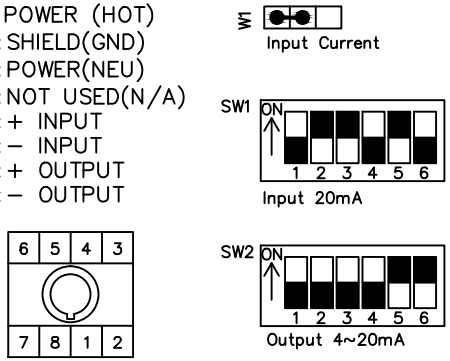


MARKS	DESIGNATION	MANUFACTURER	SCALES
PE 1235-03	TPT463E	DYNISCO	B-207 bars
PIS 1235-03	UPR900	DYNISCO	4-20mA
PY 1235-03	4380	Action Pak	4-20mA

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

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



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

DRAWN BY: Charlie Zhang
CHECKED BY: VINCENT HUANG

Line2 MELT PRESSURE BEFORE DIE
PE 1235-03 (P503, 0-3000PSI)

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

DRAWING DESCRIPTION: KF023
DRAWING NO.:
DRAWN DATE: 10/15/2018

Page #: 135
Total:
MATERIAL:
SCALE: NONE
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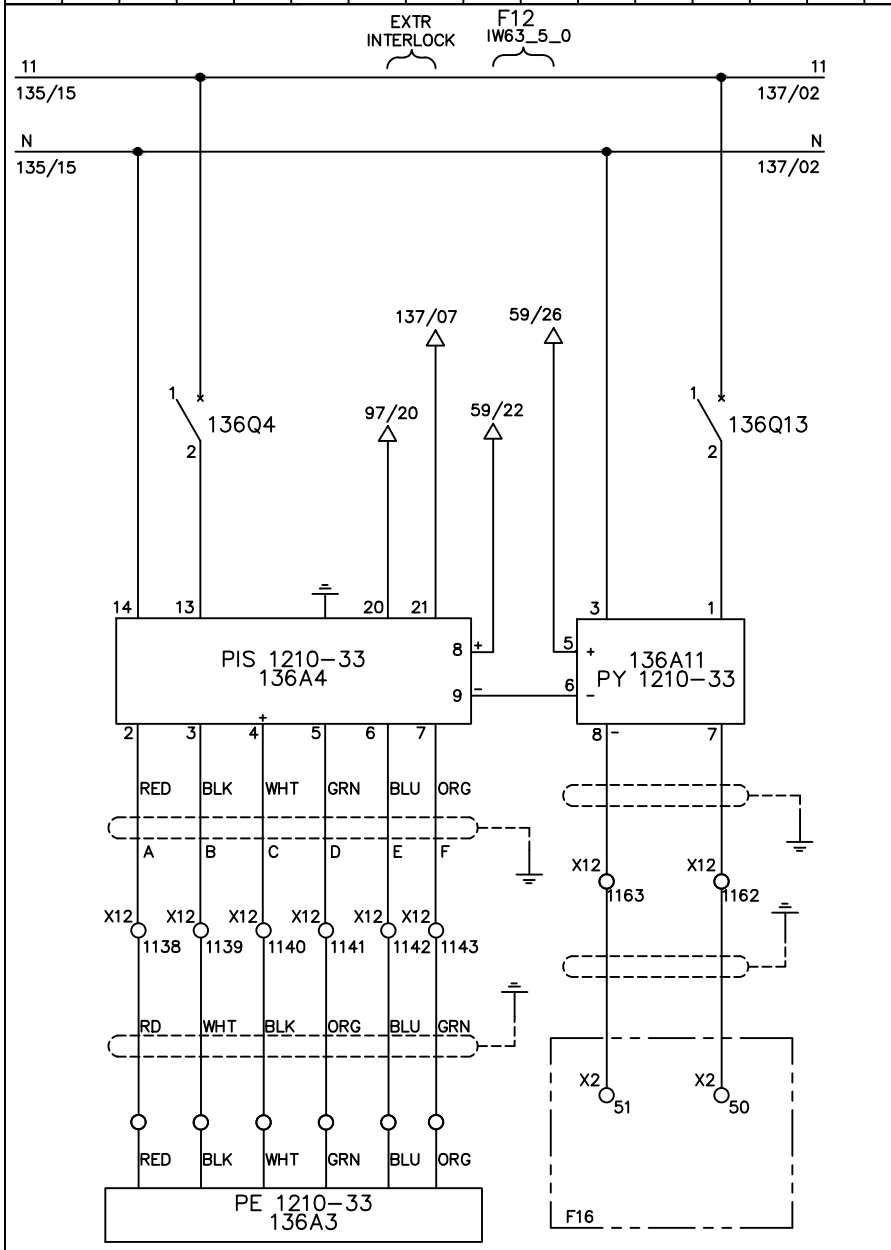
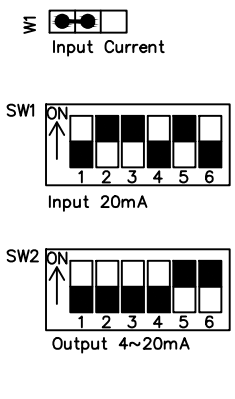


MARKS	DESIGNATION	MANUFACTURER	SCALES
PE 1210-33	TPT463E	DYNISCO	B-345 bars
PIS 1210-33	UPR900	DYNISCO	4-20mA
PY 1210-33	4380	Action Pak	4-20mA

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

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



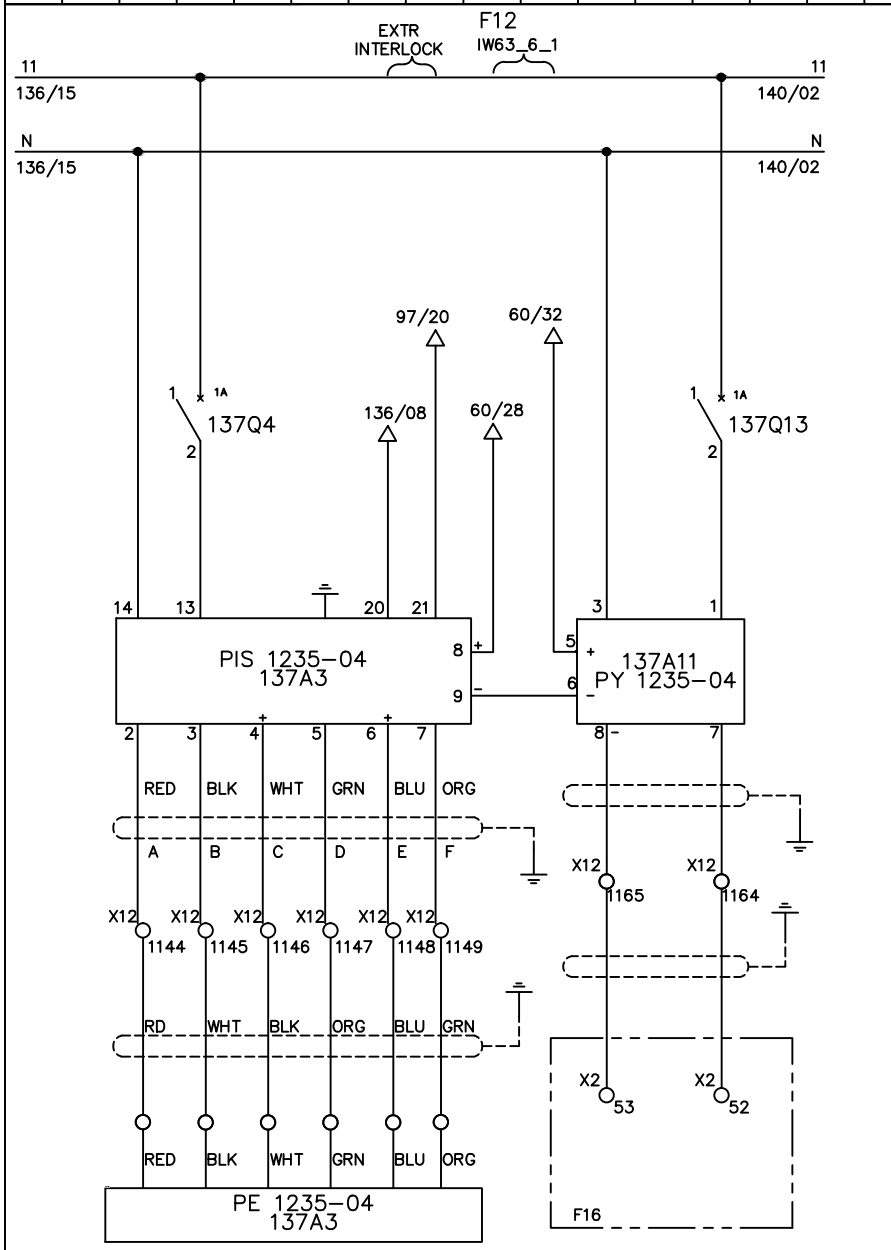
INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.

Line2 MELT PRESSURE AFTER SAT.2
PE 1210-33 (P505, 0-5000PSI)

DRAWN BY	Charlie Zhang
CHECKED BY	VINCENT HUANG

DRAWING DESCRIPTION	KF023	Page #	136		
		Total			
DRAWING NO.		MATERIAL			
DRAWN DATE:	10/15/2018	SCALE	NONE	UNIT	MM

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

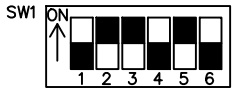


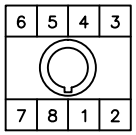
MARKS	DESIGNATION	MANUFACTURER	SCALES
PE 1235-04	TPT463E	DYNISCO	B-207 bars
PIS 1235-04	UPR900	DYNISCO	4-20mA
PY 1235-04	4380	Action Pak	4-20mA

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

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

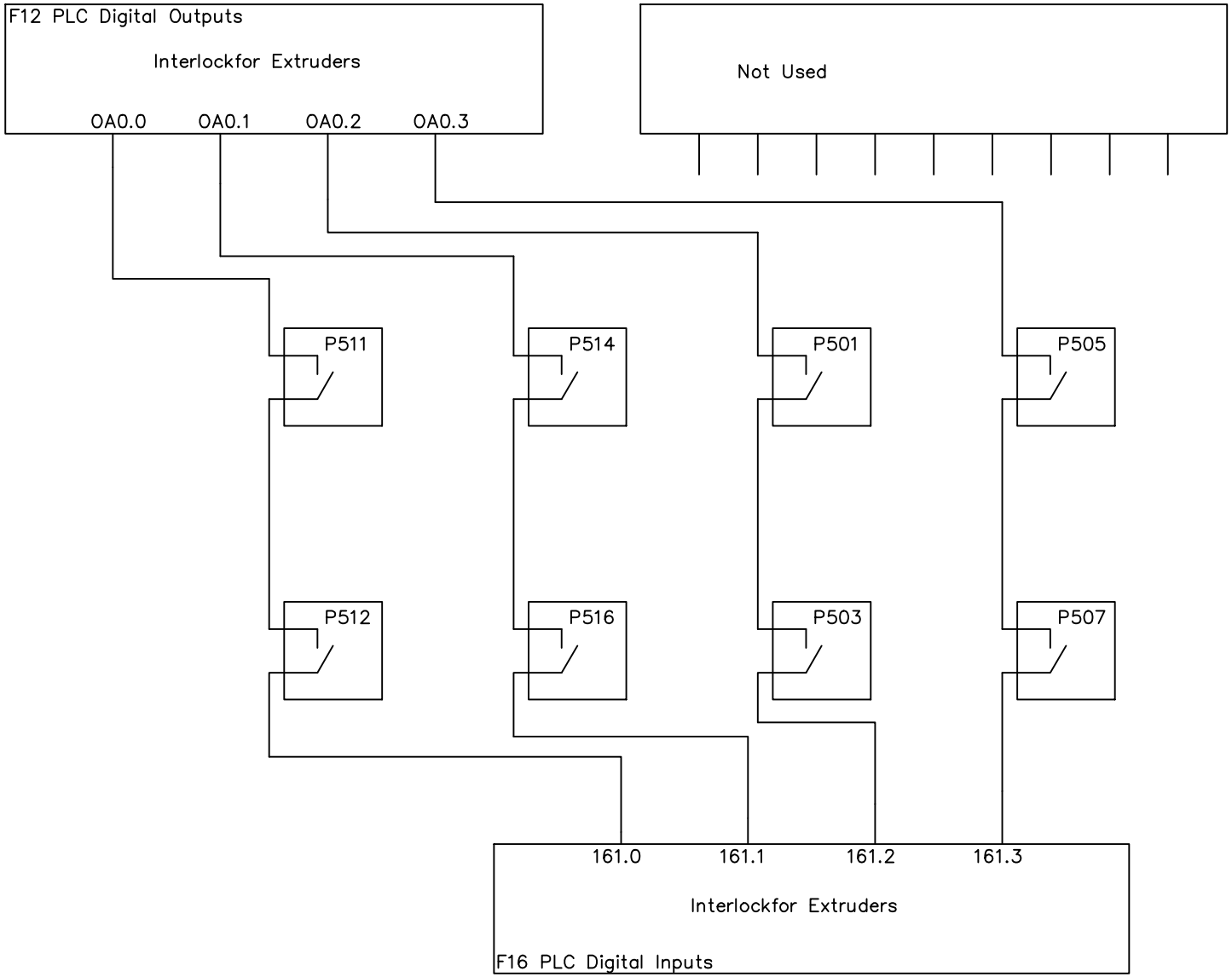




INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 MELT PRESSURE SAT.2 BEFORE DIE PE 1235-04 (P507, 0-3000PSI)	DRAWING DESCRIPTION	KF023
DRAWN BY	Charlie Zhang	DRAWING NO.	
CHECKED BY	VINCENT HUANG	DRAWN DATE:	10/15/2018

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

Page #	137				
Total					
MATERIAL					
SCALE	NONE	UNIT	MM		



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INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		FREE						DRAWING DESCRIPTION	KF023		Page #	138			
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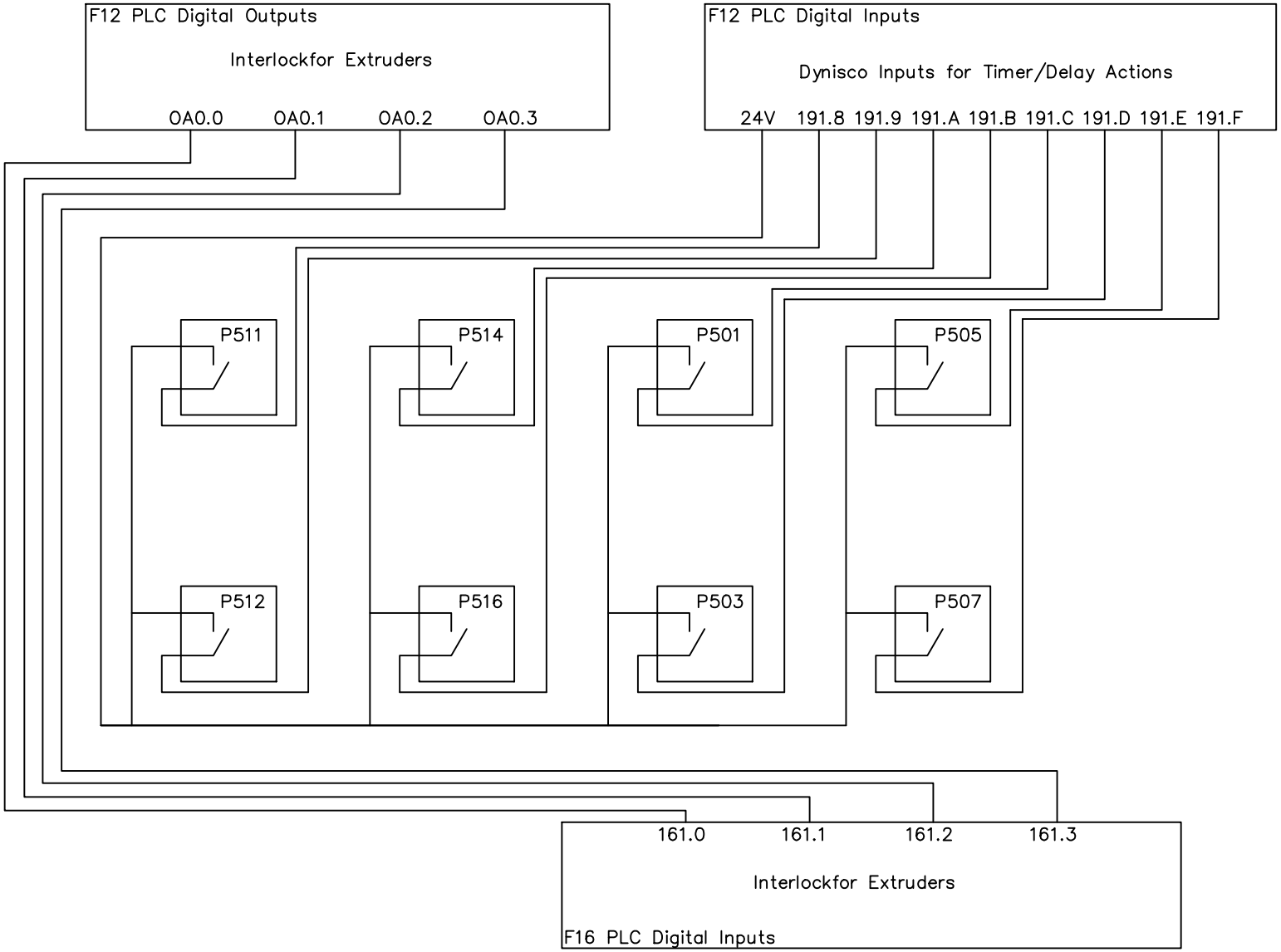
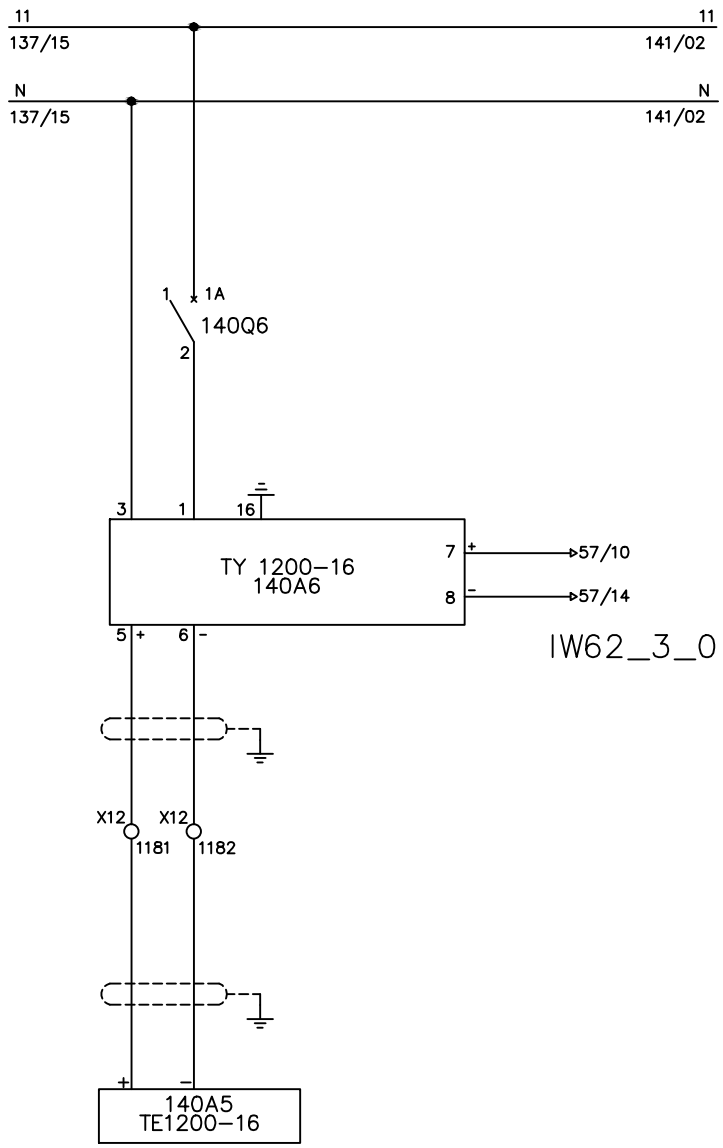
DRAWN BY	Charlie Zhang							DRAWING NO.			MATERIAL				
CHECKED BY	VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE		DRAWN DATE:	10/31/2018		SCALE	NONE	UNIT	MM	



INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	FREE				DRAWING DESCRIPTION	KF023	Page #	139			
							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	



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

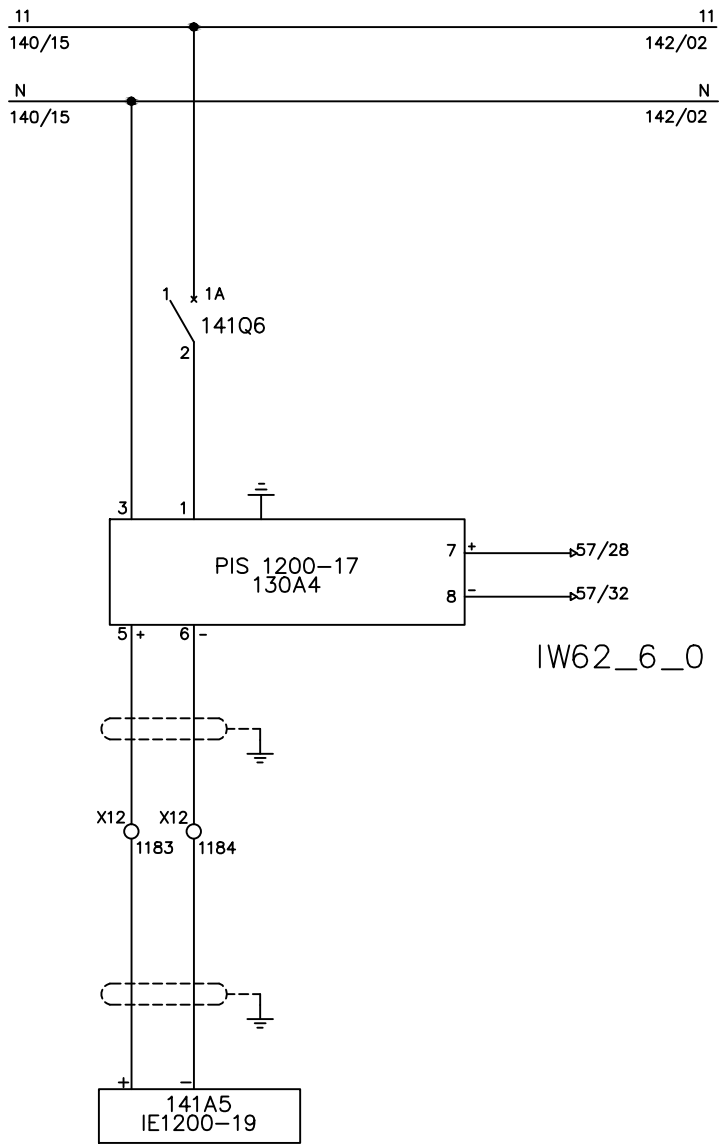
OUTPUT 4-20 mA

TERMINALS BLOCKS BETWEEN PROBE AND CONVERTER TO COMPENSATE THERMOCOUPLE J

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 MELT TEMP . AFTER PRIMARY EXT.1 TE1200-16 (T510)	DRAWING DESCRIPTION	KF012
DRAWN BY	Charlie Zhang	DRAWING NO.	
CHECKED BY	VINCENT HUANG	DRAWN DATE:	10/15/2018

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

Page #	140		
Total			
MATERIAL			
SCALE	NONE	UNIT	MM



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

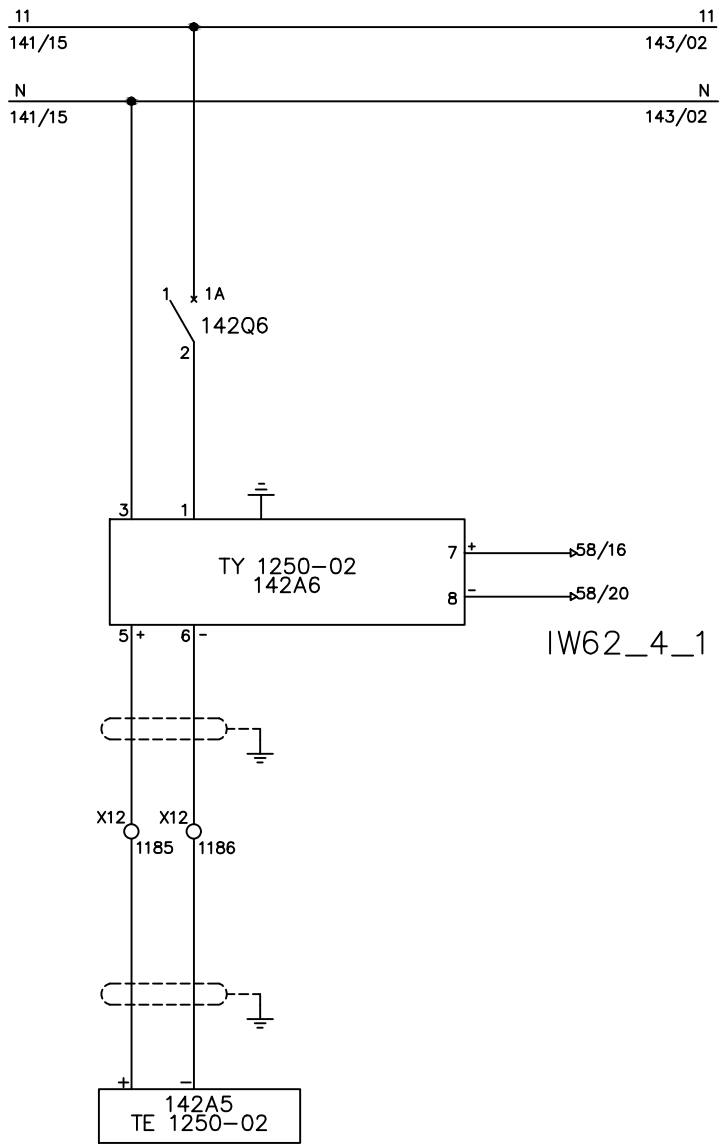
OUTPUT 4-20 mA

TERMINALS BLOCKS BETWEEN PROBE AND CONVERTER TO COMPENSATE THERMOCOUPLE J

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 MELT TEMP . AFTER SEC.EXT. TE1200-19 (T513)	DRAWING DESCRIPTION	KF012
DRAWN BY	Charlie Zhang	DRAWING NO.	
CHECKED BY	VINCENT HUANG	DRAWN DATE:	10/15/2018

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

Page #	141		
Total			
MATERIAL			
SCALE	NONE	UNIT	MM



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

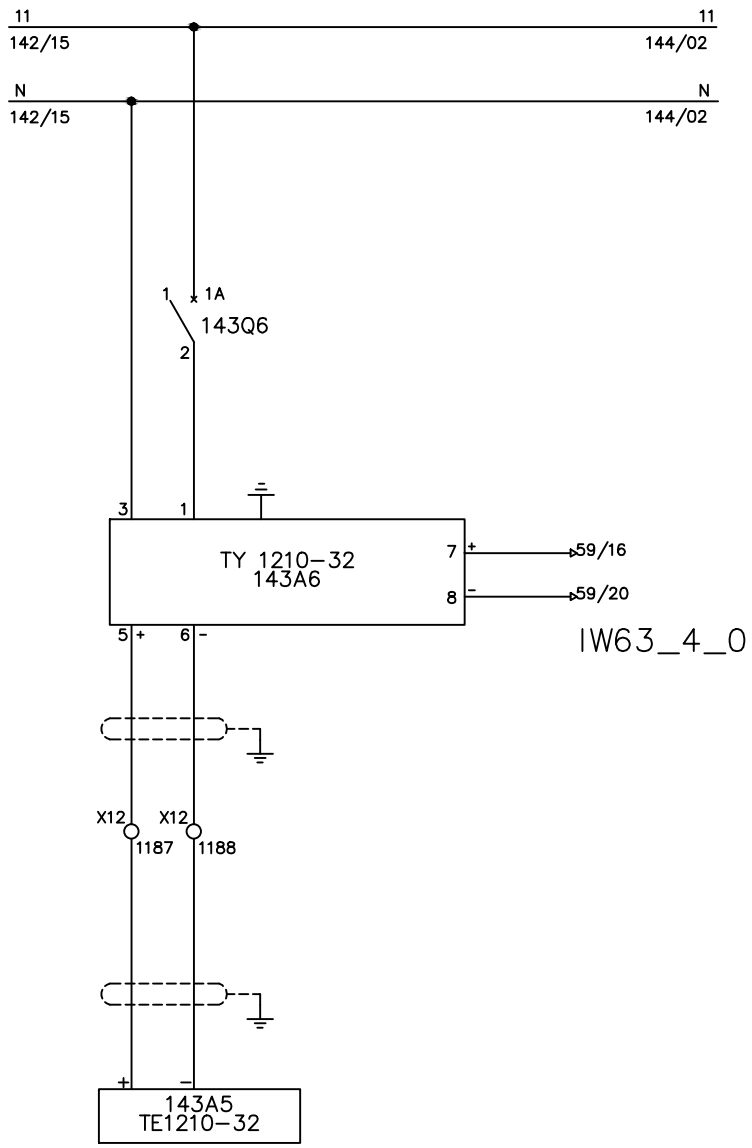
OUTPUT 4-20 mA

TERMINALS BLOCKS BETWEEN PROBE AND CONVERTER TO COMPENSATE THERMOCOUPLE J

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 MELT TEMP . BEFORE DIE TE1250-02 (T515)	DRAWING DESCRIPTION	KF012
DRAWN BY	Charlie Zhang	DRAWING NO.	
CHECKED BY	VINCENT HUANG	DRAWN DATE:	10/15/2018

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

Page #	142		
Total			
MATERIAL			
SCALE	NONE	UNIT	MM



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)

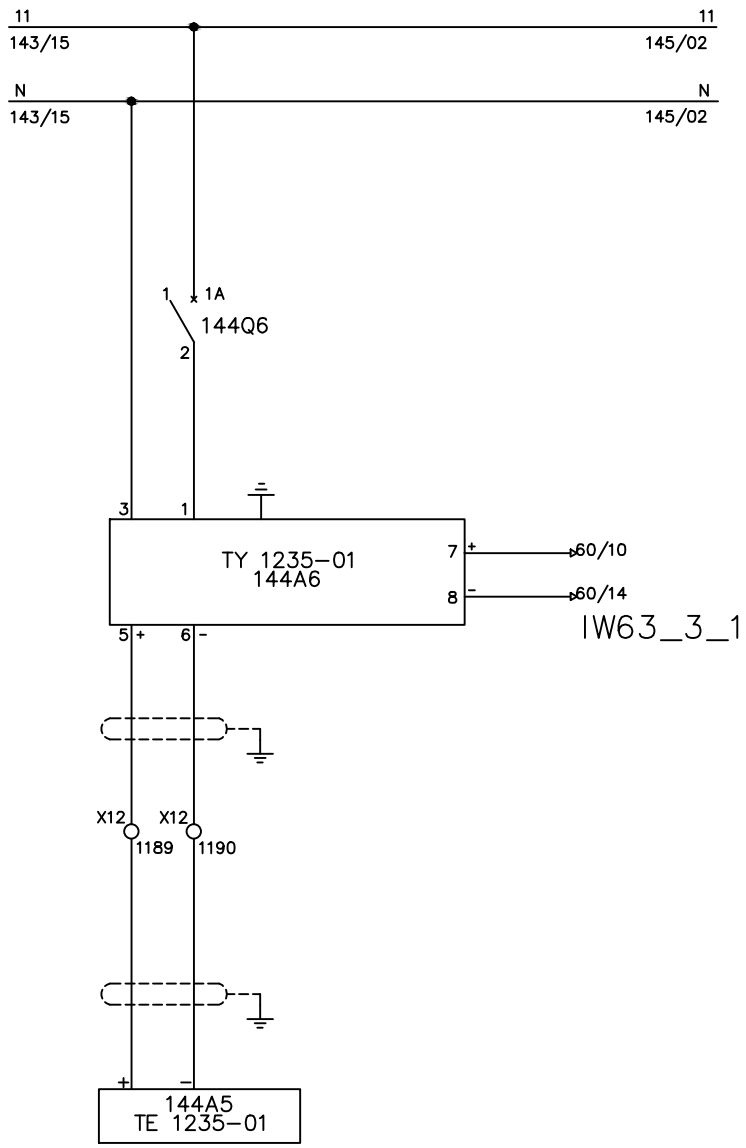
CONVERTER

INPUT 0-300 deg.C TYPE J

OUTPUT 4-20 mA

TERMINALS BLOCKS BETWEEN PROBE AND CONVERTER TO COMPENSATE THERMOCOUPLE J

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 MELT TEMP . AFTER SAT . EXT .1 TE1210-32 (T500)			DRAWING DESCRIPTION	KF012	Page #	143		
						Total			
DRAWN BY	Charlie Zhang			DRAWING NO.		MATERIAL			
CHECKED BY	VINCENT HUANG	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	10/15/2018	SCALE	NONE	UNIT	MM



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

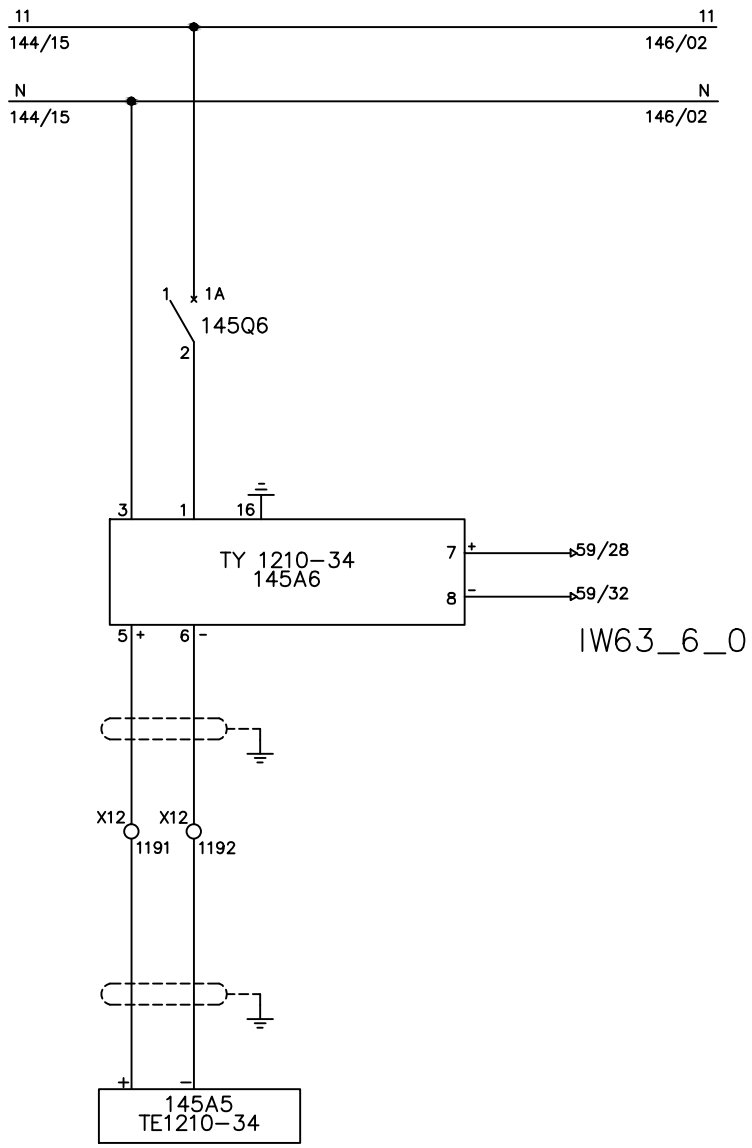
OUTPUT 4-20 mA

TERMINALS BLOCKS BETWEEN PROBE AND CONVERTER TO COMPENSATE THERMOCOUPLE J

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 MELT TEMPERATURE BEFORE DIE TE1235-01 (T502)	DRAWING DESCRIPTION	KF012
DRAWN BY	Charlie Zhang	DRAWING NO.	
CHECKED BY	VINCENT HUANG	DRAWN DATE:	10/15/2018

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

Page #	144		
Total			
MATERIAL			
SCALE	NONE	UNIT	MM



MARKS	DESIGNATION	MANUFACTURER	SCALES
TE -1210-34	TPT 463E	DYNISCO	TYPE J
TY -1210-34	4351	Action Pak	0-300 C

JUNCTION

TERMINAL + : WIRE YELLOW (IRON)

TERMINAL - : WIRE BLACK (CONSTANATAN)

CONVERTER

INPUT 0-300 deg.C TYPE J

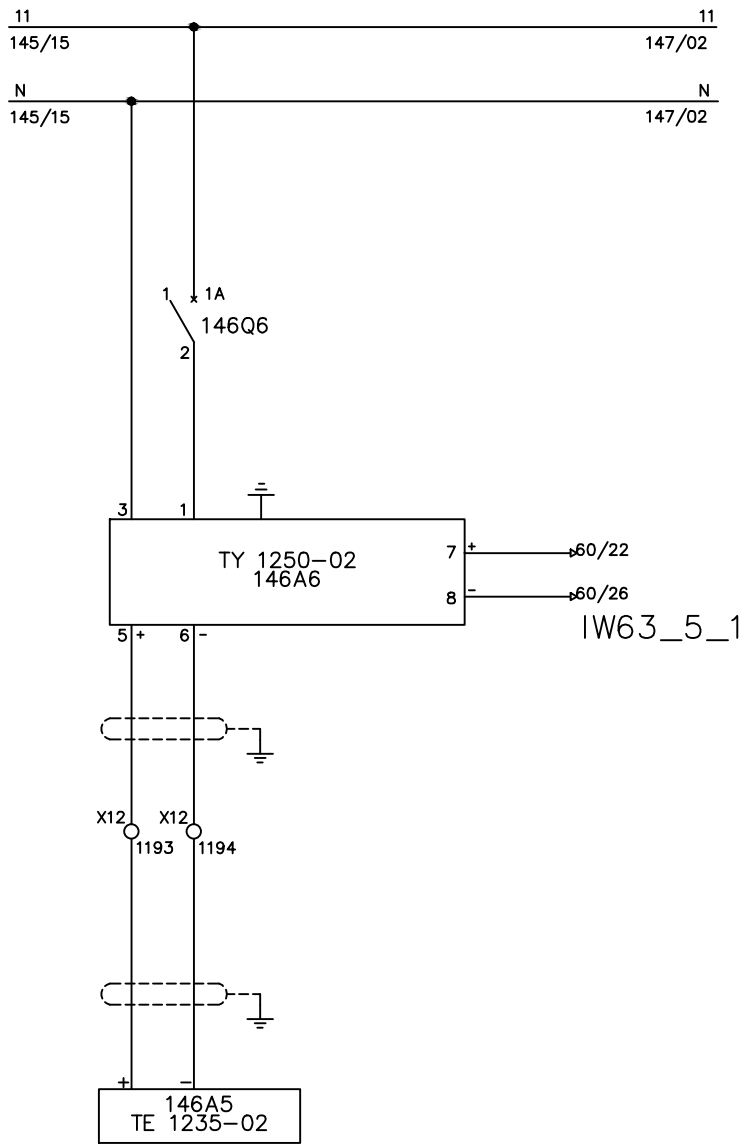
OUTPUT 4-20 mA

TERMINALS BLOCKS BETWEEN PROBE AND CONVERTER TO COMPENSATE THERMOCOUPLE J

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 MELT TEMP . AFTER SAT . EXT . 2 TE1210-34 (T504)	DRAWING DESCRIPTION	KF023
DRAWN BY	Charlie Zhang	DRAWING NO.	
CHECKED BY	VINCENT HUANG	DRAWN DATE:	10/15/2018

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

Page #	145				
Total					
MATERIAL					
SCALE	NONE	UNIT	MM		



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

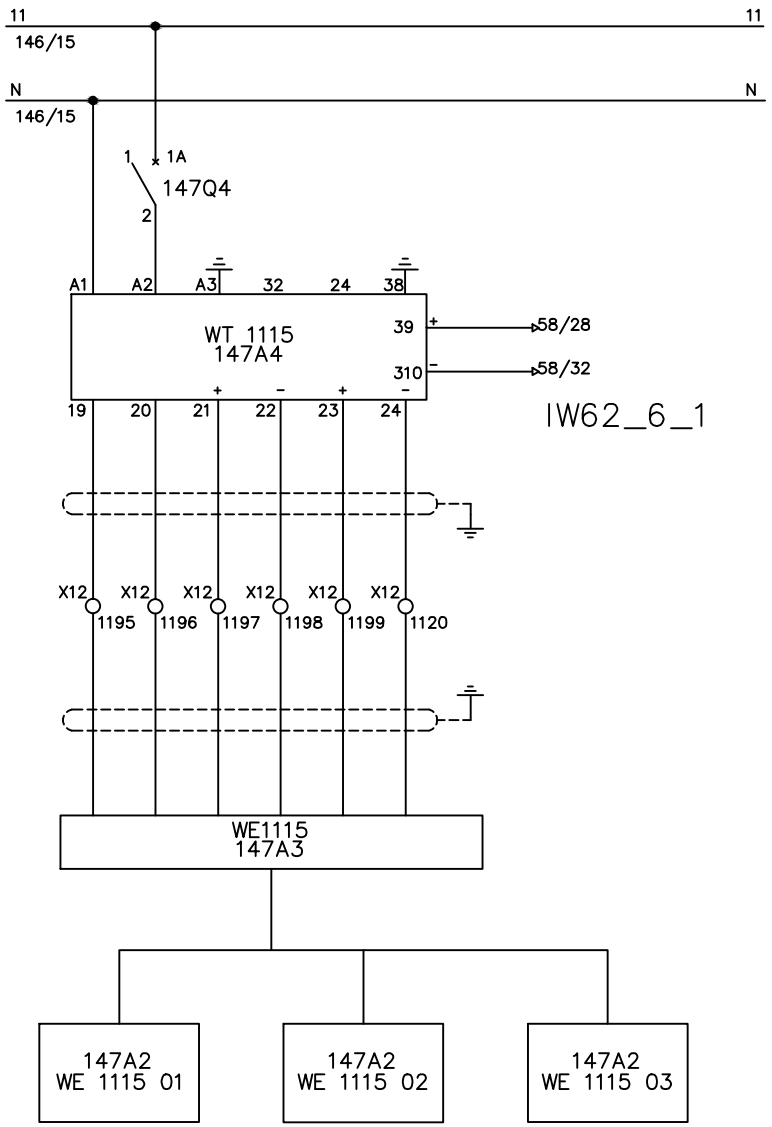
OUTPUT 4-20 mA

TERMINALS BLOCKS BETWEEN PROBE AND CONVERTER TO COMPENSATE THERMOCOUPLE J

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 MELT TEMPERATURE BEFORE DIE TE1250-02 (T506)	DRAWING DESCRIPTION	KF012
DRAWN BY	Charlie Zhang	DRAWING NO.	
CHECKED BY	VINCENT HUANG	DRAWN DATE:	10/15/2018

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

Page #	146		
Total			
MATERIAL			
SCALE	NONE	UNIT	MM



MARKS	DESIGNATION	MANUF ACTURER	SCALES
WE –1115 01	CAP 2500	PESAGE–PROMOTION	0–2500kg
WE –1115 02	CAP 2500	PESAGE–PROMOTION	0–2500kg
WE –1115 03	CAP 2500	PESAGE–PROMOTION	0–2500kg
WE –1115	BR 416	PESAGE–PROMOTION	
WT –1115	TRS 112	PESAGE–PROMOTION	0– kg

JUNCTION

TRS 112	BR 416
TERMINAL 19	TERMINAL 24
TERMINAL 20	TERMINAL 24
TERMINAL 21	TERMINAL 25
TERMINAL 22	TERMINAL 25
TERMINAL 23	TERMINAL 22
TERMINAL 24	TERMINAL 23
TERMINAL 25	TERMINAL 21 (SHIELDING)

FOR TRS 112

TAR : Lb

INPUT : NETT WEIGHT : Lb

OUTPUT : SIGNAL 4–20 mA

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

DRAWN BY	Charlie Zhang
CHECKED BY	VINCENT HUANG

Line2 WEIGHING DEVICE
WT 1115 (R200)

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

DRAWING DESCRIPTION	KF023	Page #	147
		Total	
DRAWING NO.		MATERIAL	
DRAWN DATE:	10/15/2018	SCALE	NONE
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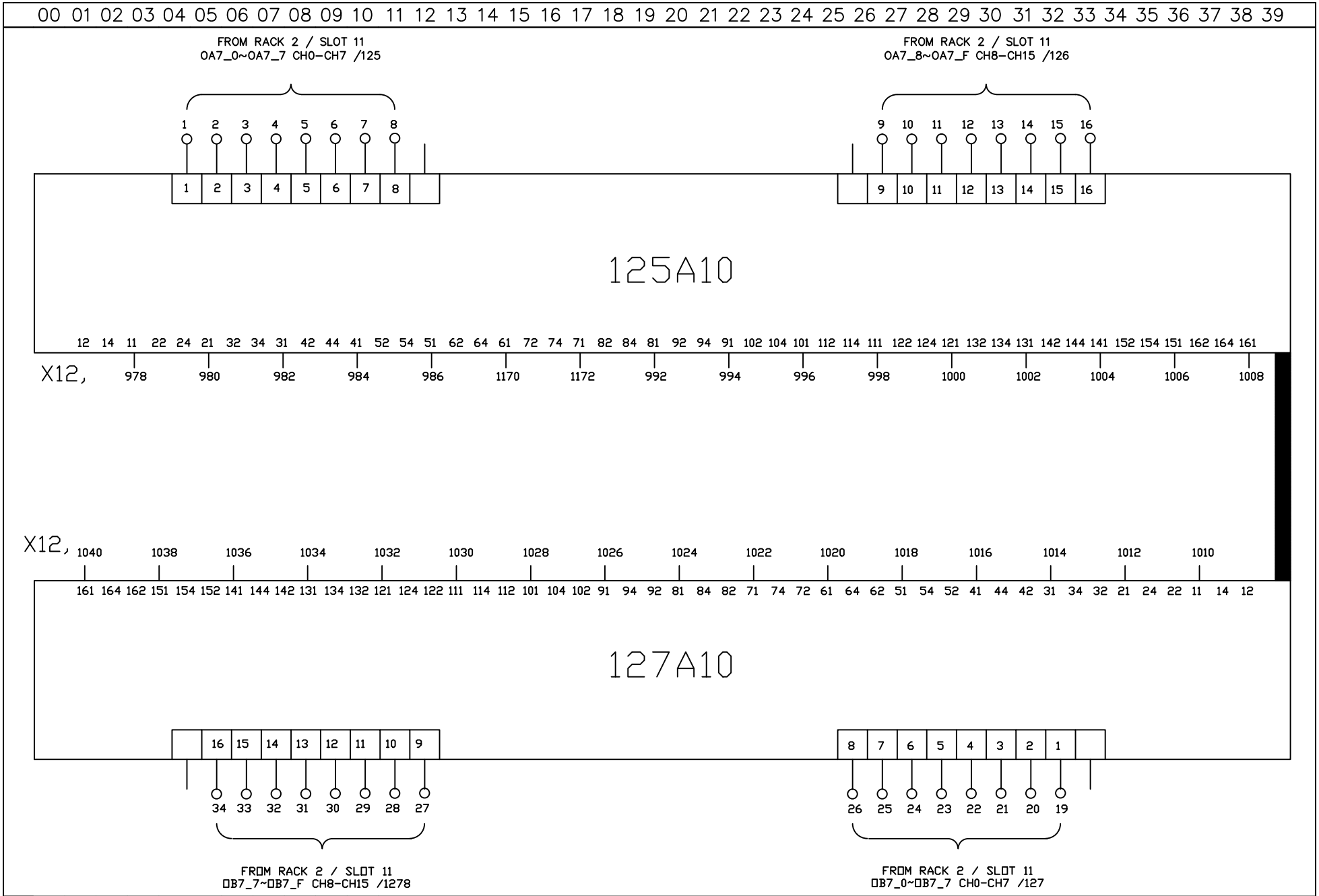
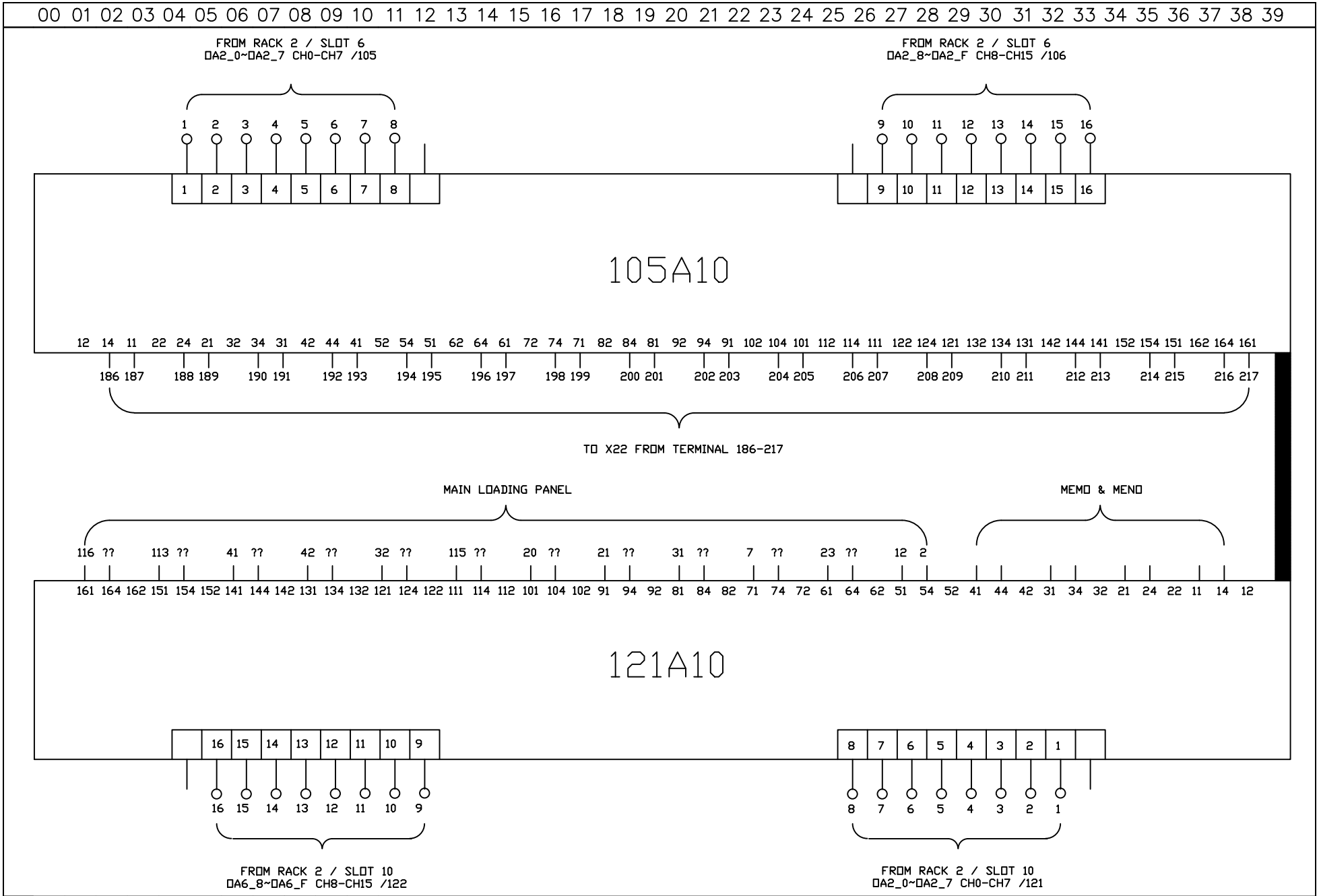
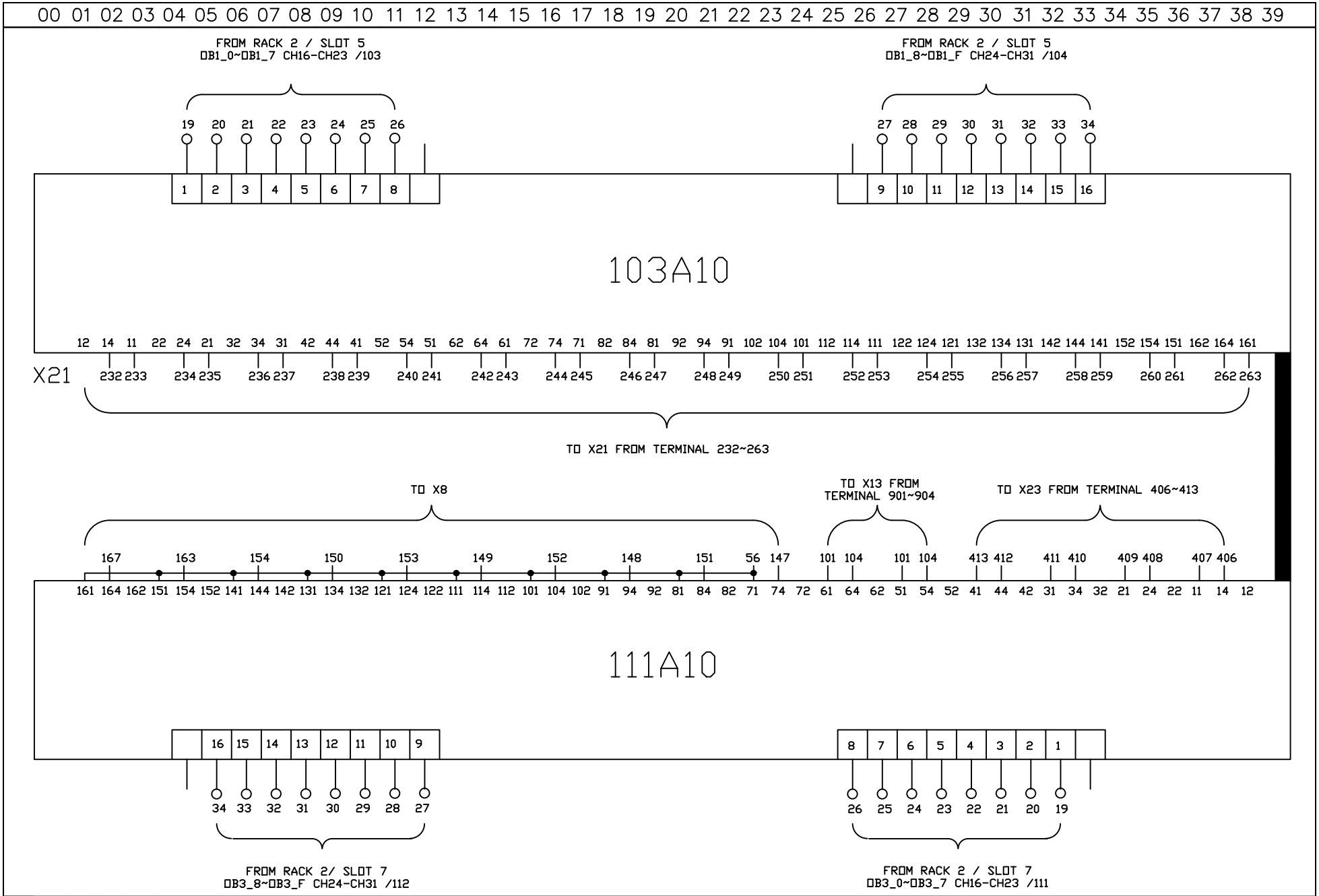


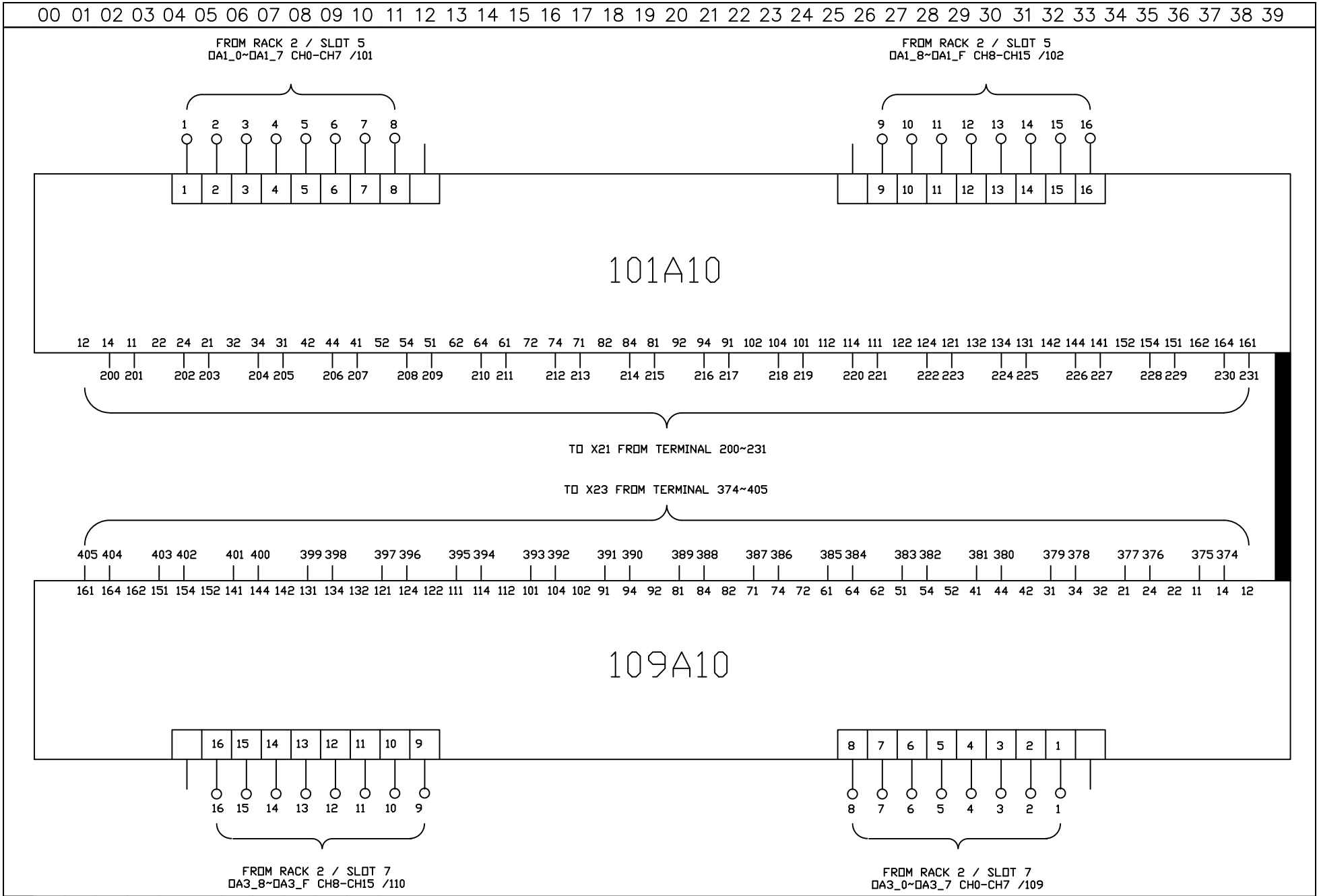
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line2 DOOR 4 RELAY					DRAWING DESCRIPTION	KF023 F12	Page #	236			
DRAWN BY	Charlie Zhang								Total				
							DRAWING NO.		MATERIAL				
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:		SCALE	NONE	UNIT	MM	



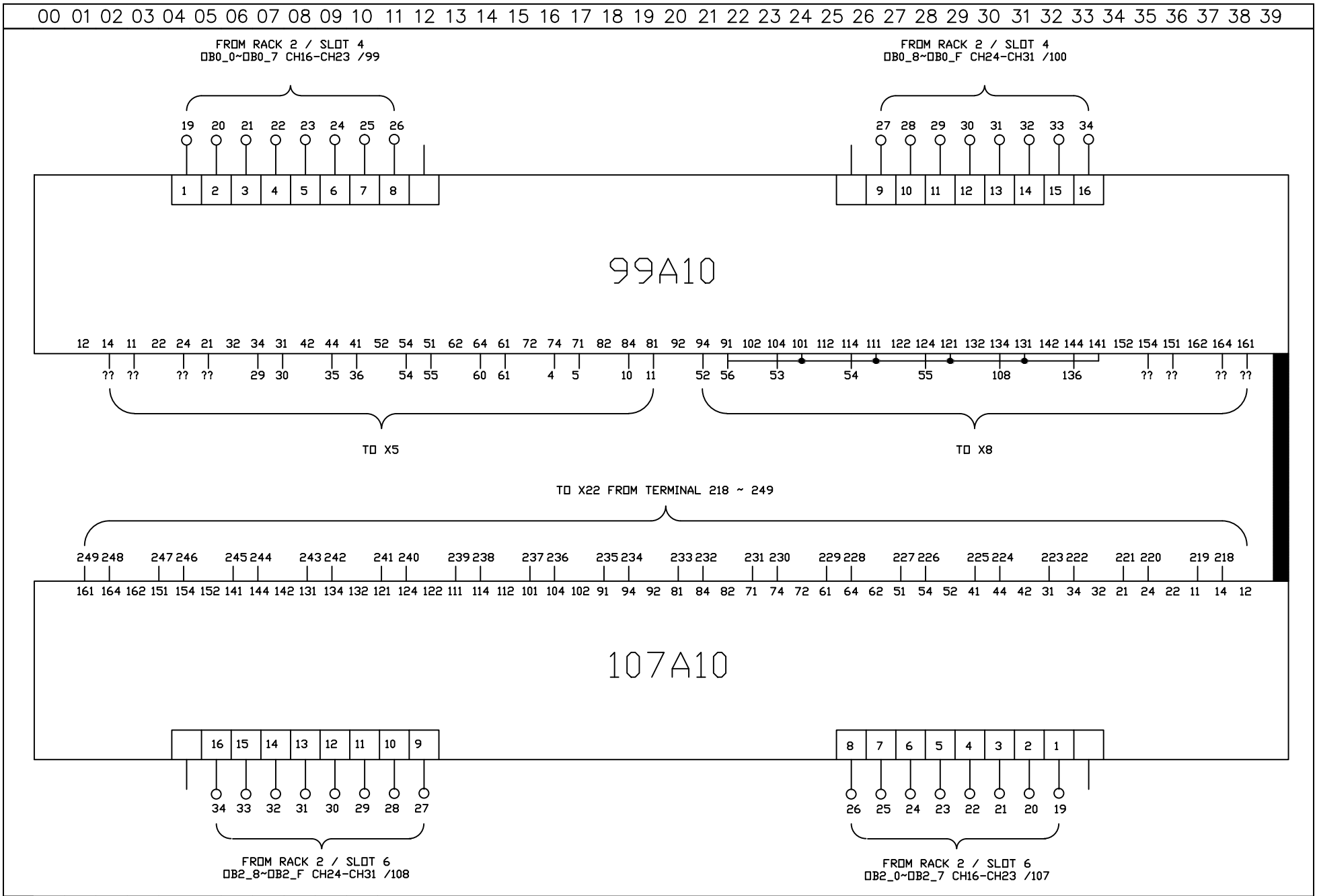
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line2 DOOR 5 RELAY					DRAWING DESCRIPTION	KF023 F12	Page #	237		
DRAWN BY	Rufus Huang								Total			
							DRAWING NO.		MATERIAL			
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:		SCALE	NONE	UNIT	MM



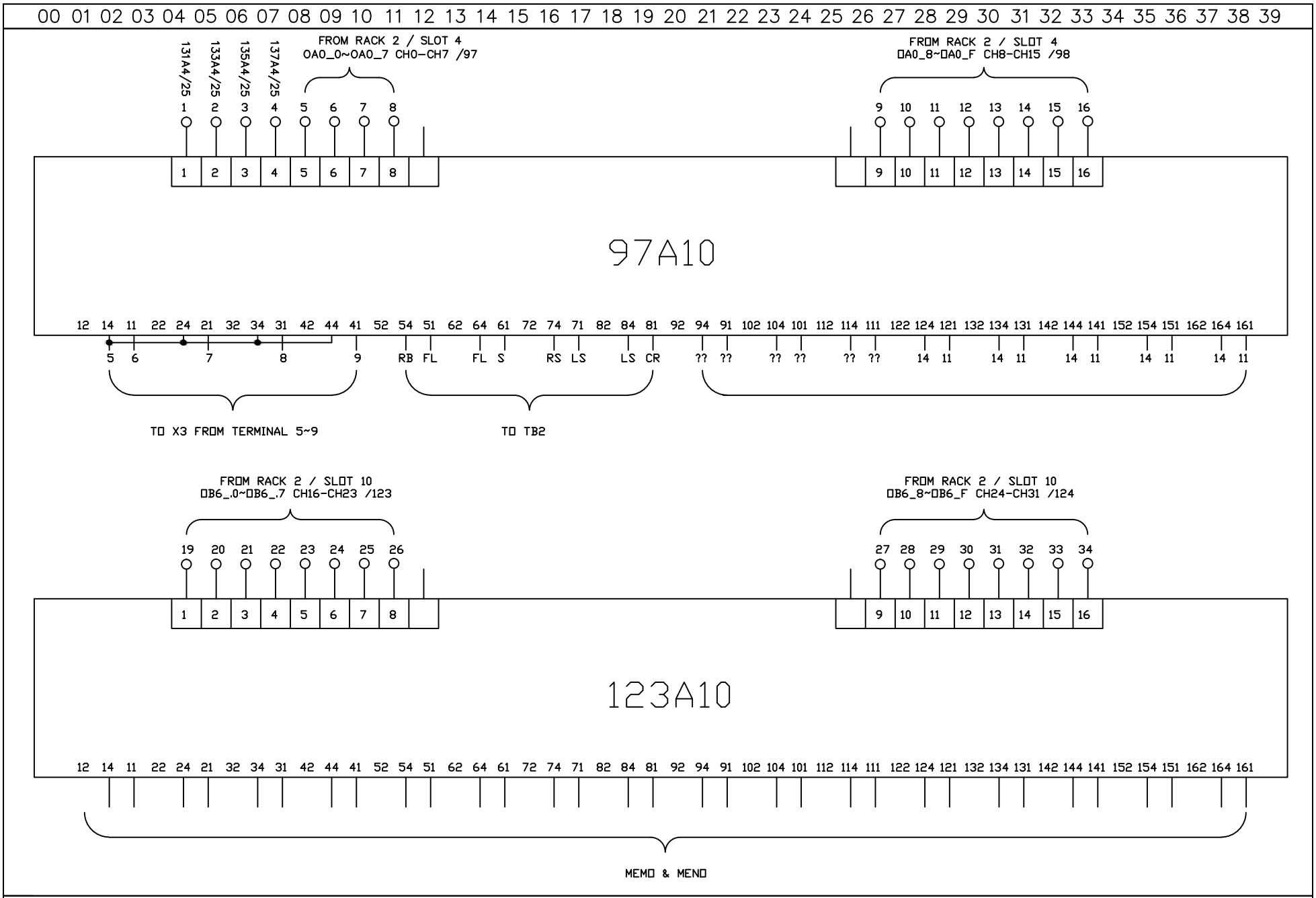
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line2 DOOR 5 RELAY					DRAWING DESCRIPTION	KF023 F12	Page #	238			
									Total				
DRAWN BY	Rufus Huang						DRAWING NO.		MATERIAL				
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:		SCALE	NONE	UNIT	MM	



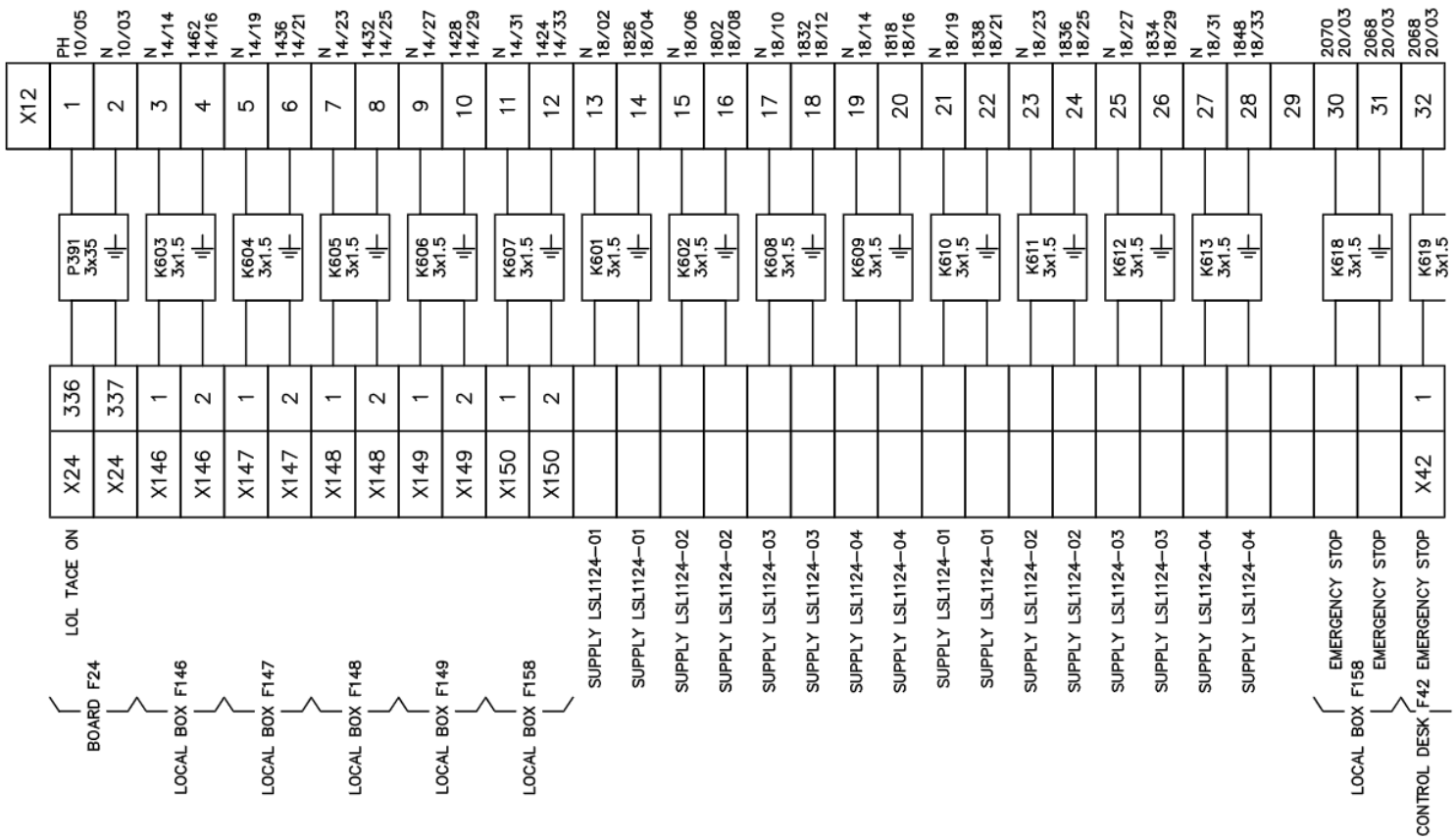
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 DOOR 5 RELAY					DRAWING DESCRIPTION	KF023 F12	Page #	239			
								Total				
DRAWN BY	Rufus Huang					DRAWING NO.		MATERIAL				
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:		SCALE	NONE	UNIT	MM	



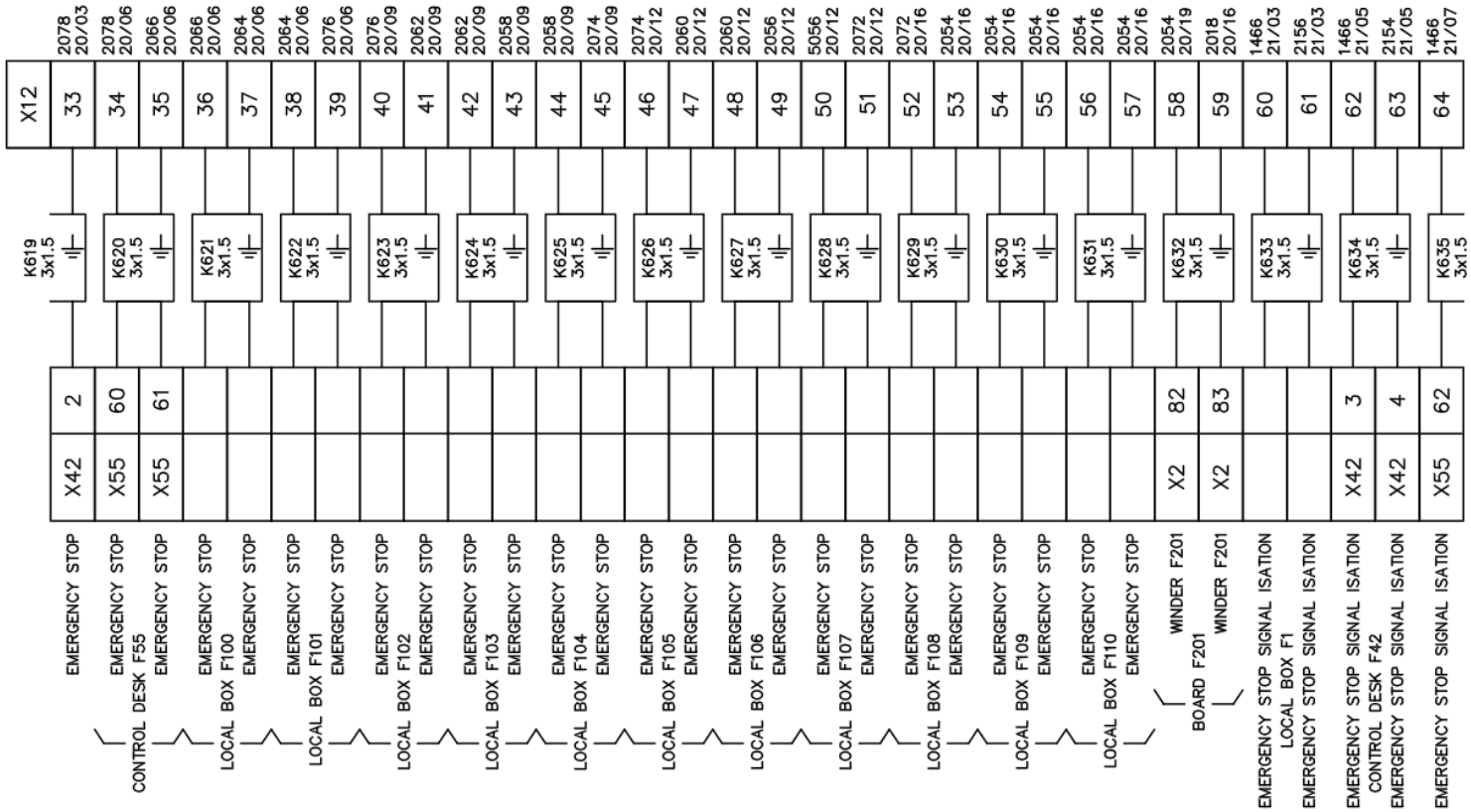
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line2 DOOR 5 RELAY					DRAWING DESCRIPTION	KF023 F12	Page #	240			
									Total				
DRAWN BY	Rufus Huang						DRAWING NO.		MATERIAL				
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:		SCALE	NONE	UNIT	MM	



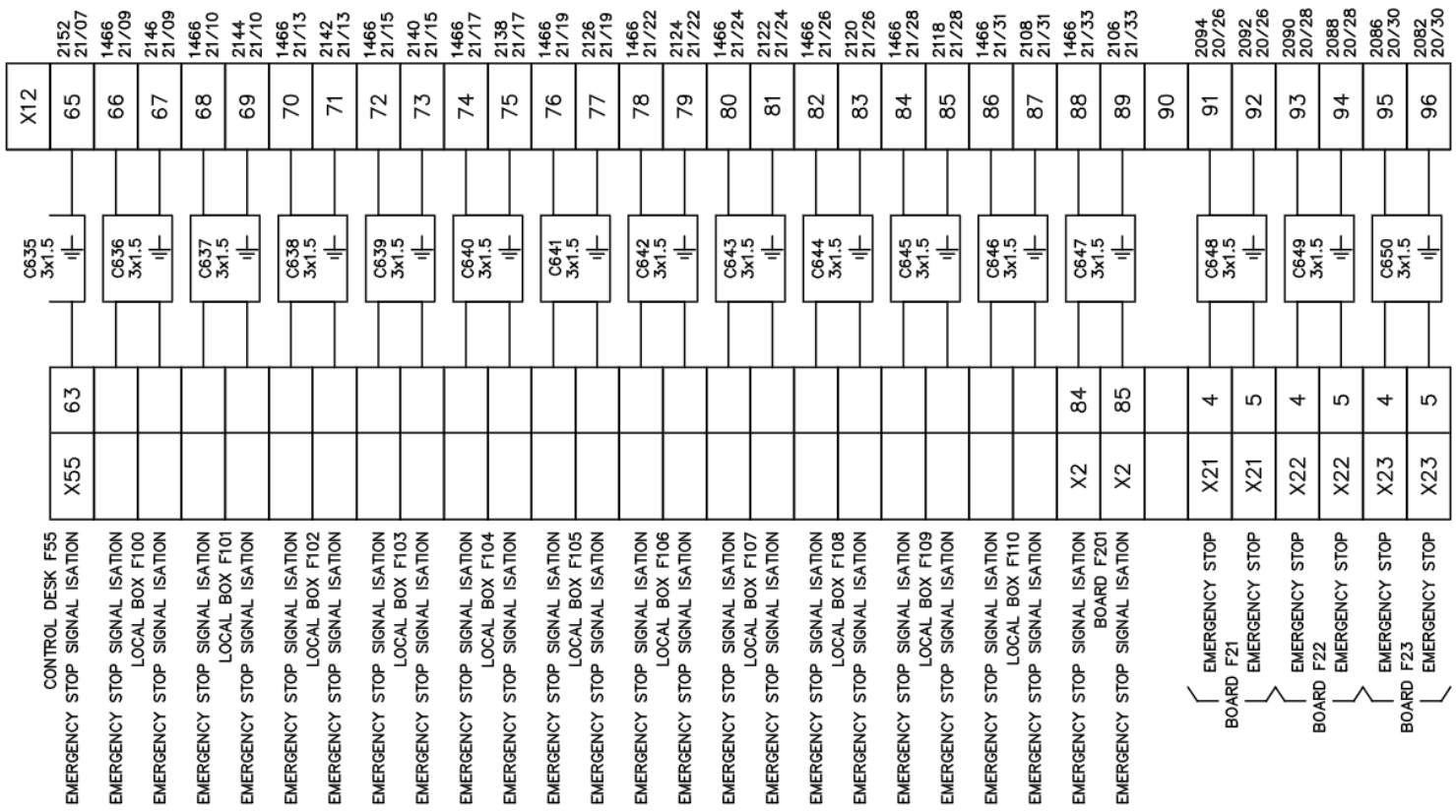
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	Line2 DOOR 5 RELAY					DRAWING DESCRIPTION	KF023 F12	Page #	241			
								Total				
DRAWN BY Rufus Huang		1	Add Terminal Number	Charlie Z.	05/10/19	DRAWING NO.		MATERIAL				
CHECKED BY JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:		SCALE	NONE	UNIT	MM	


X12
1 PH 10/05
2 N 10/03
3 N 14/14
4 1462 14/16
5 N 14/19
6 1436 14/21
7 N 14/23
8 1432 14/25
9 N 14/27
10 1428 14/29
11 N 14/31
12 1424 14/33
13 N 18/02
14 1826 18/04
15 N 18/06
16 1802 18/08
17 N 18/10
18 1832 18/12
19 N 18/14
20 1818 18/16
21 N 18/19
22 1838 18/21
23 N 18/23
24 1836 18/25
25 N 18/27
26 1834 18/29
27 N 18/31
28 1848 18/33
29
30 2070 20/03
31 2068 20/03
32 2068 20/03
P391 3x35
K603 3x1.5
K604 3x1.5
K605 3x1.5
K606 3x1.5
K607 3x1.5
K601 3x1.5
K602 3x1.5
K608 3x1.5
K609 3x1.5
K610 3x1.5
K611 3x1.5
K612 3x1.5
K613 3x1.5
K618 3x1.5
K619 3x1.5
336 X24
337 X24
1 X146
2 X146
1 X147
2 X147
1 X148
2 X148
1 X149
2 X149
1 X150
2 X150
1 X42
LOL TACE ON
BOARD F24
LOCAL BOX F146
LOCAL BOX F147
LOCAL BOX F148
LOCAL BOX F149
LOCAL BOX F158
SUPPLY LSL1124-01
SUPPLY LSL1124-01
SUPPLY LSL1124-02
SUPPLY LSL1124-02
SUPPLY LSL1124-03
SUPPLY LSL1124-03
SUPPLY LSL1124-04
SUPPLY LSL1124-04
SUPPLY LSL1124-01
SUPPLY LSL1124-01
SUPPLY LSL1124-02
SUPPLY LSL1124-02
SUPPLY LSL1124-03
SUPPLY LSL1124-03
SUPPLY LSL1124-04
SUPPLY LSL1124-04
EMERGENCY STOP
LOCAL BOX F158
EMERGENCY STOP
CONTROL DESK F42
EMERGENCY STOP

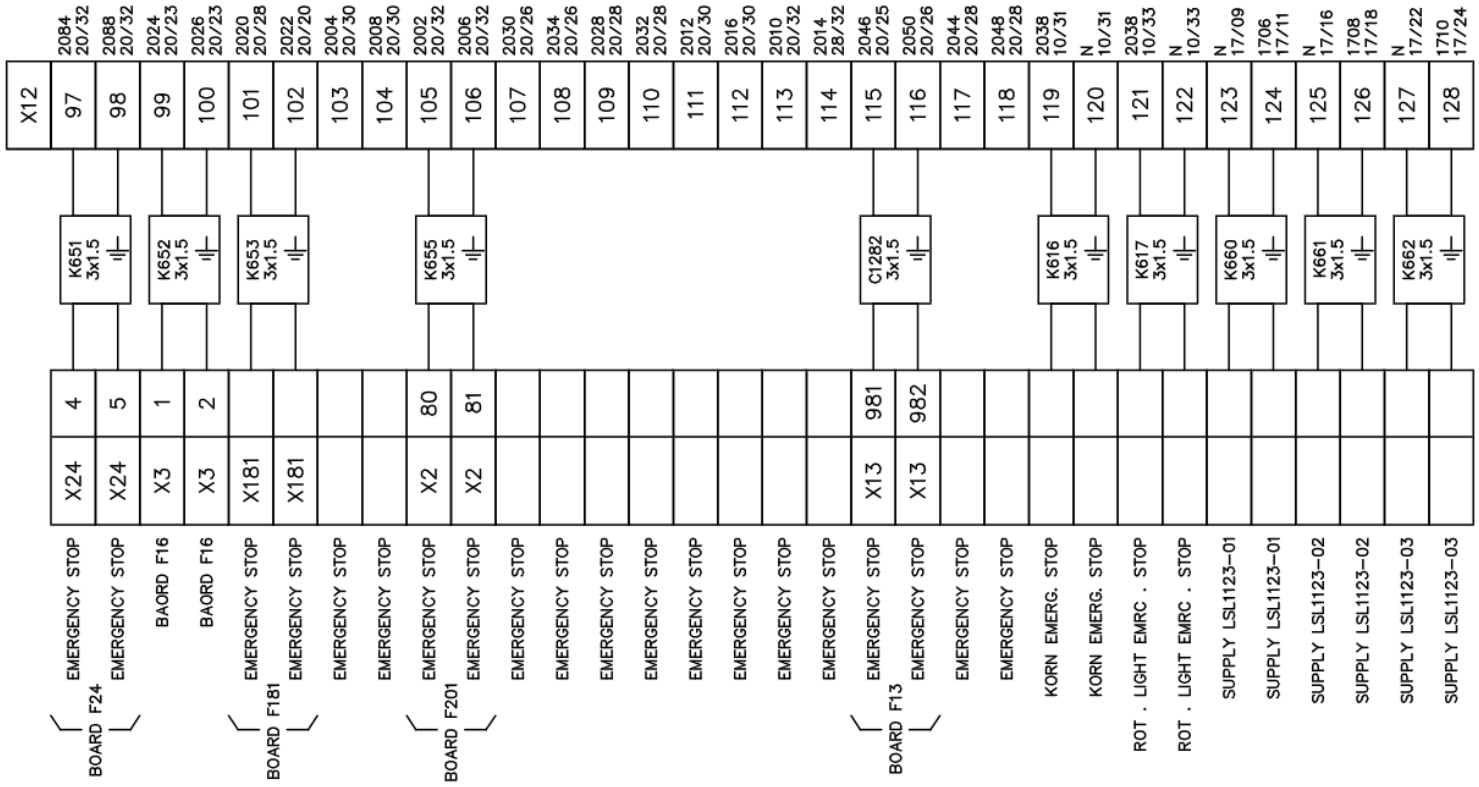
| | | |



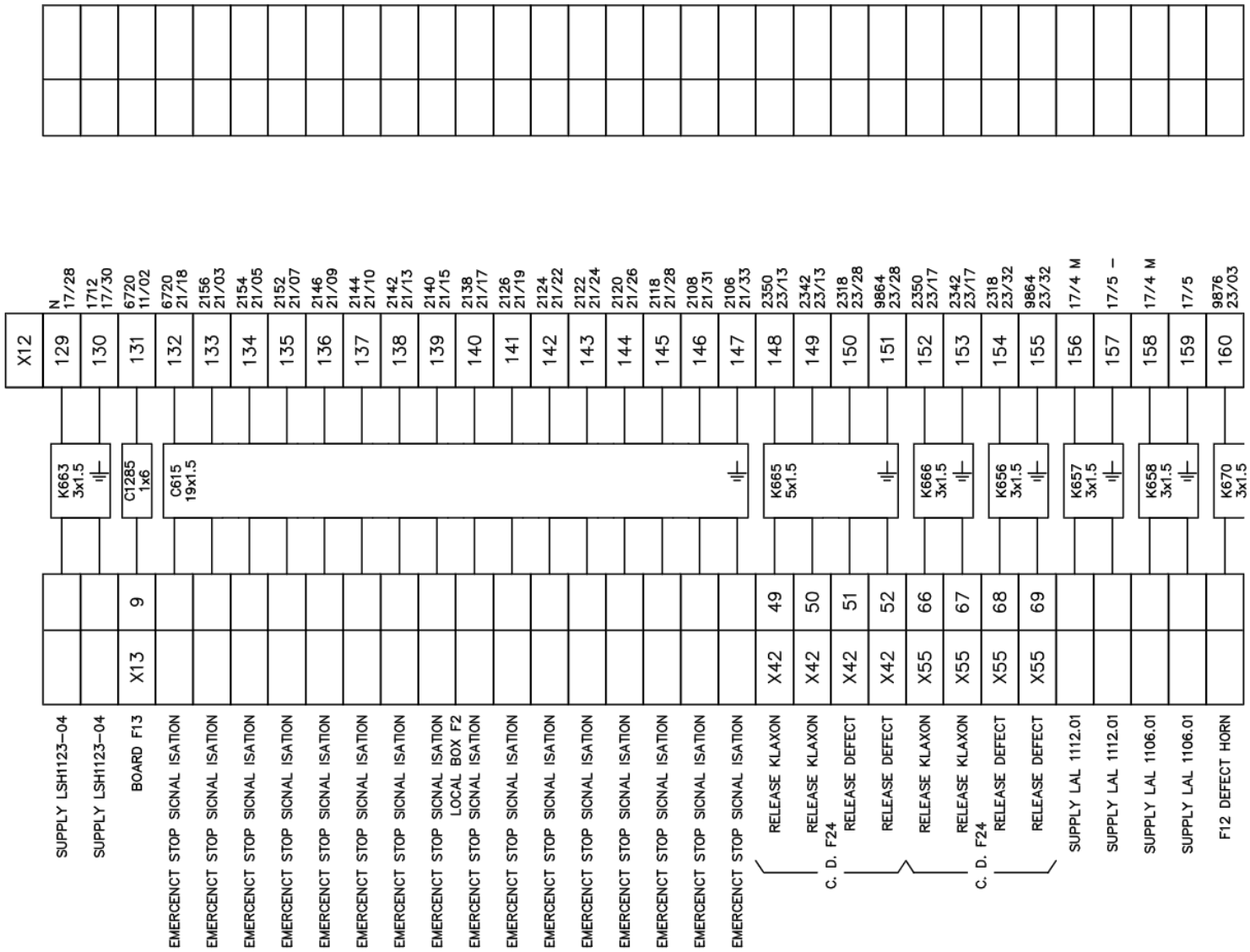
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 33–64					DRAWING DESCRIPTION	KF023 F12	Page #	171		
								Total			
DRAWN BY LEO TSAI						DRAWING NO.		MATERIAL			
CHECKED BY VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	02–24–2012	SCALE	NONE	UNIT	MM



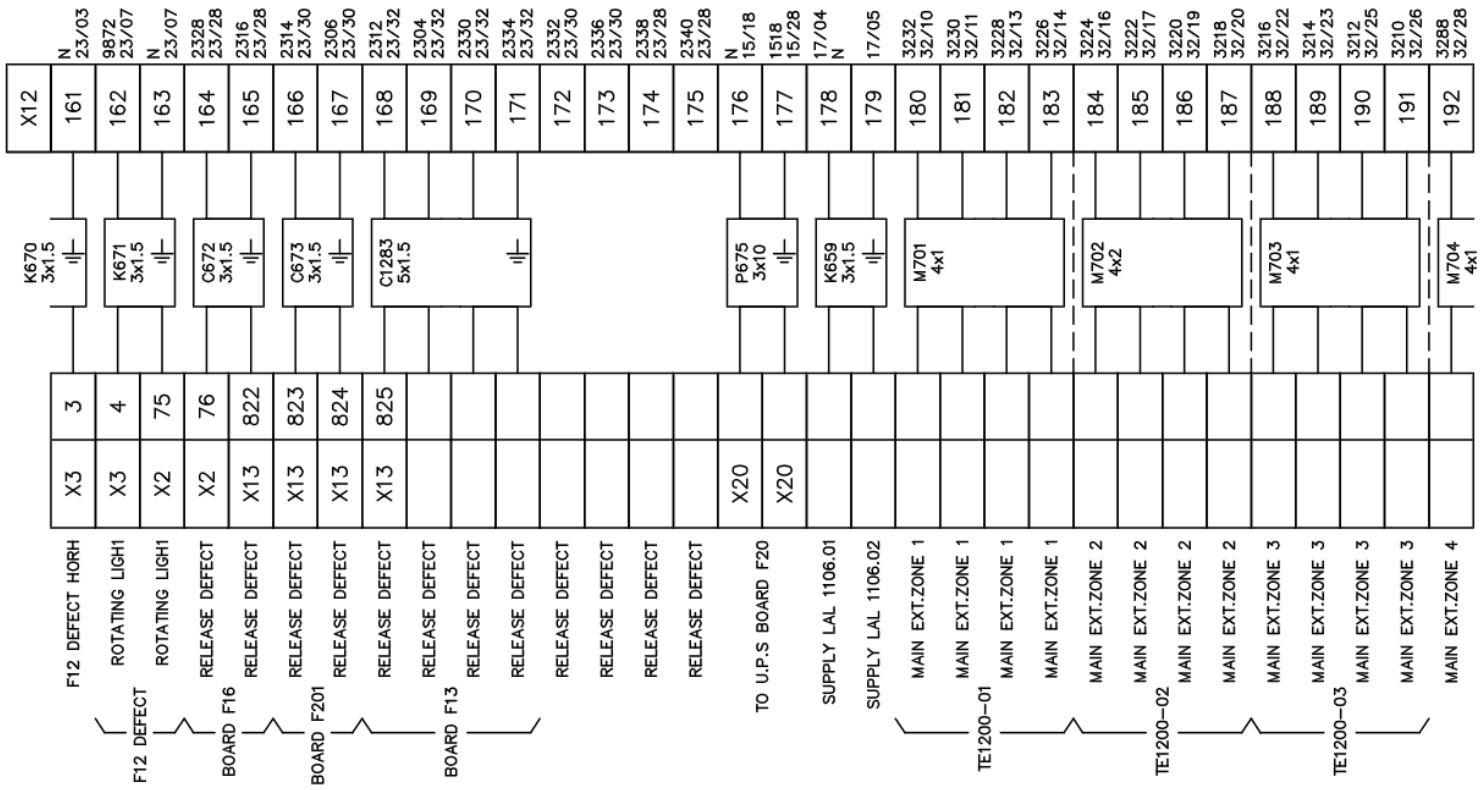
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 65–96					DRAWING DESCRIPTION	KF023 F12	Page #	172				
								Total					
DRAWN BY	LEO TSAI					DRAWING NO.		MATERIAL					
CHECKED BY	VINCENT HUANG	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	02–24–2012	SCALE	NONE	UNIT	MM		



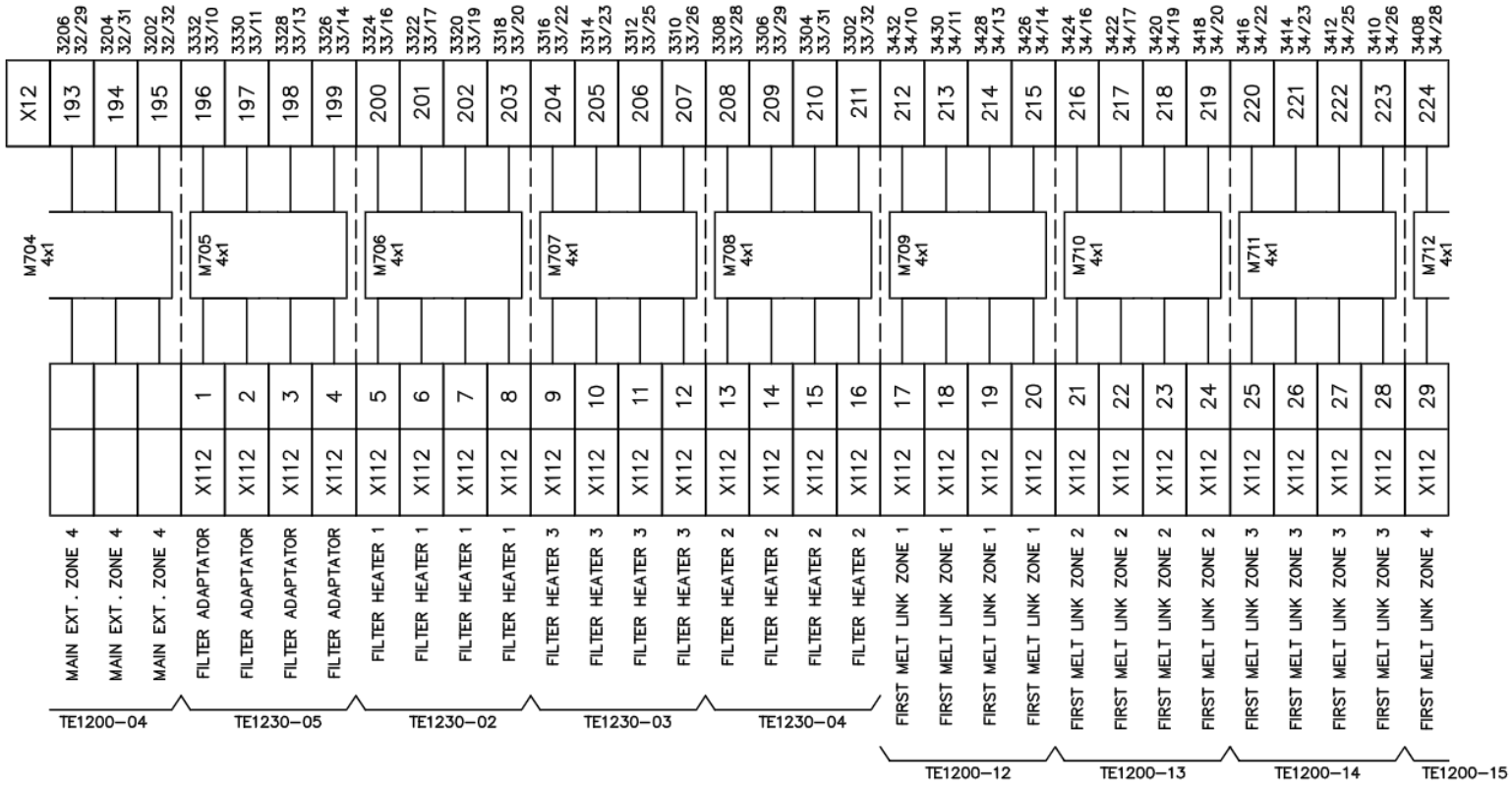
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 97–128					DRAWING DESCRIPTION	KF023 F12	Page #	173		
								Total			
DRAWN BY LEO TSAI						DRAWING NO.		MATERIAL			
CHECKED BY VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	02–24–2012	SCALE	NONE	UNIT	MM



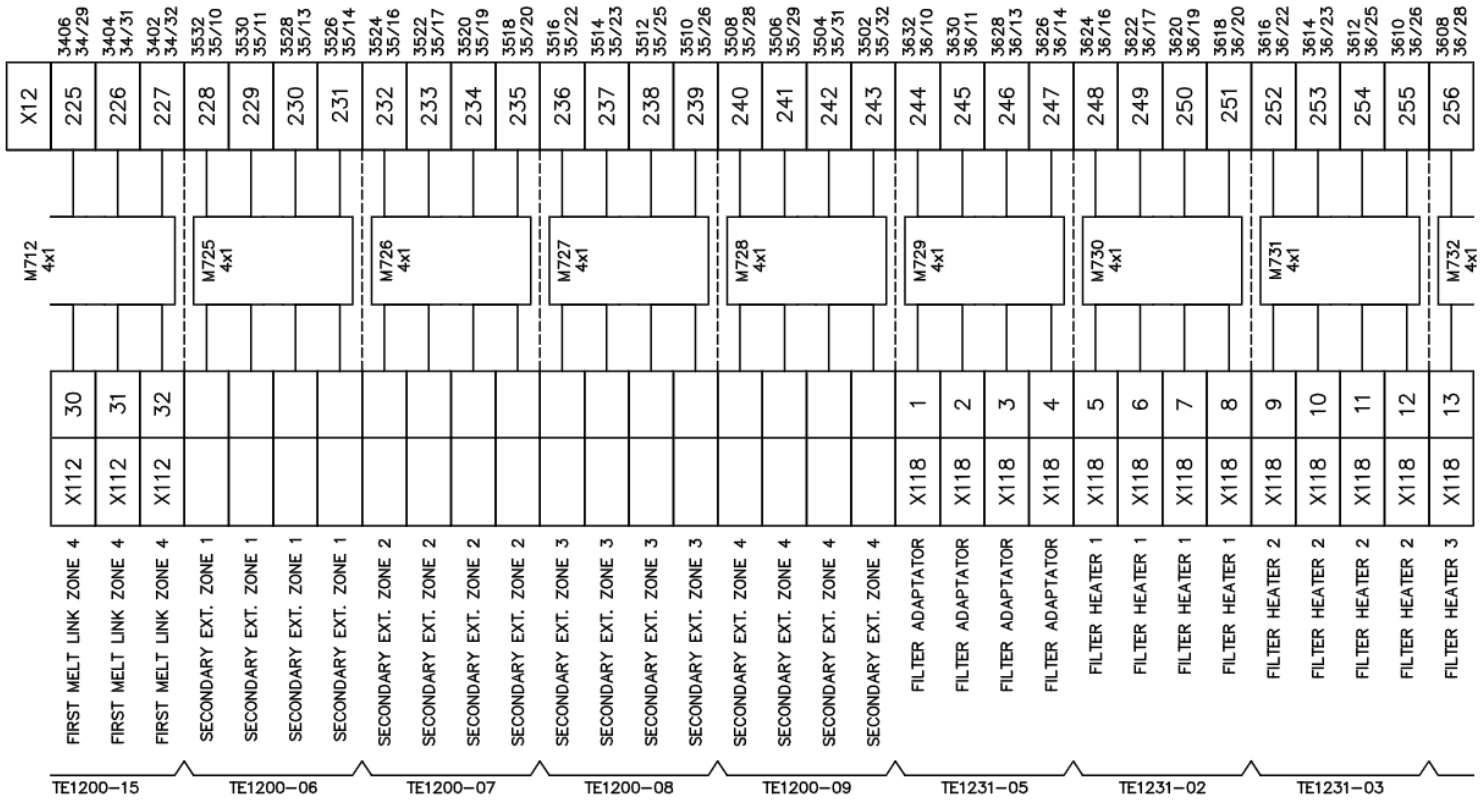
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 129–160					DRAWING DESCRIPTION	KF023 F12	Page #	174		
DRAWN BY LEO TSAI								Total			
						DRAWING NO.		MATERIAL			
CHECKED BY VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	02–24–2012	SCALE	NONE	UNIT	MM



INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 161–192					DRAWING DESCRIPTION	KF023 F12	Page #	175		
								Total			
DRAWN BY LEO TSAI						DRAWING NO.		MATERIAL			
CHECKED BY VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	02–24–2012	SCALE	NONE	UNIT	MM



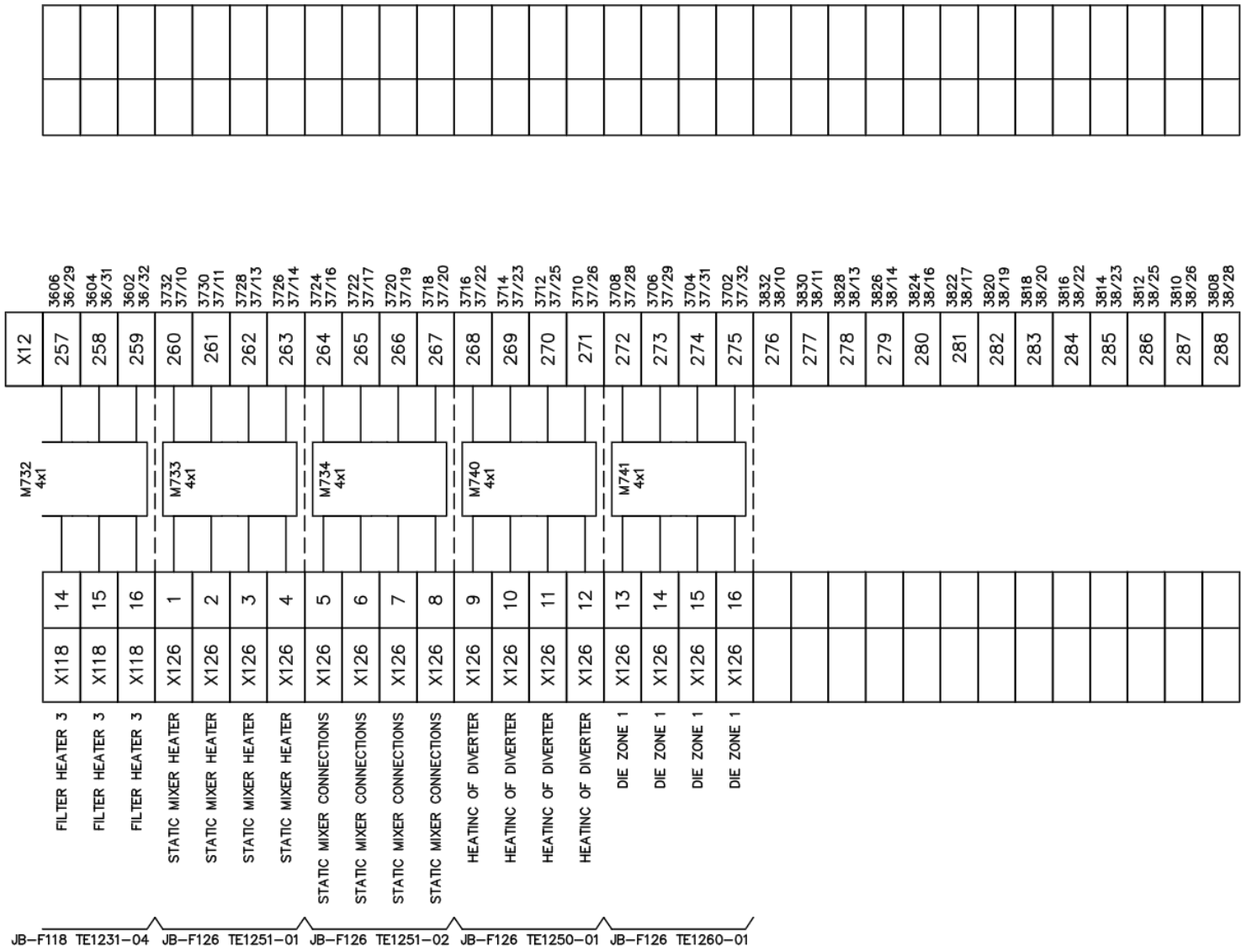
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 193–224					DRAWING DESCRIPTION	KF023 F12	Page #	176		
								Total			
DRAWN BY LEO TSAI						DRAWING NO.		MATERIAL			
CHECKED BY VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	02–24–2012	SCALE	NONE	UNIT	MM



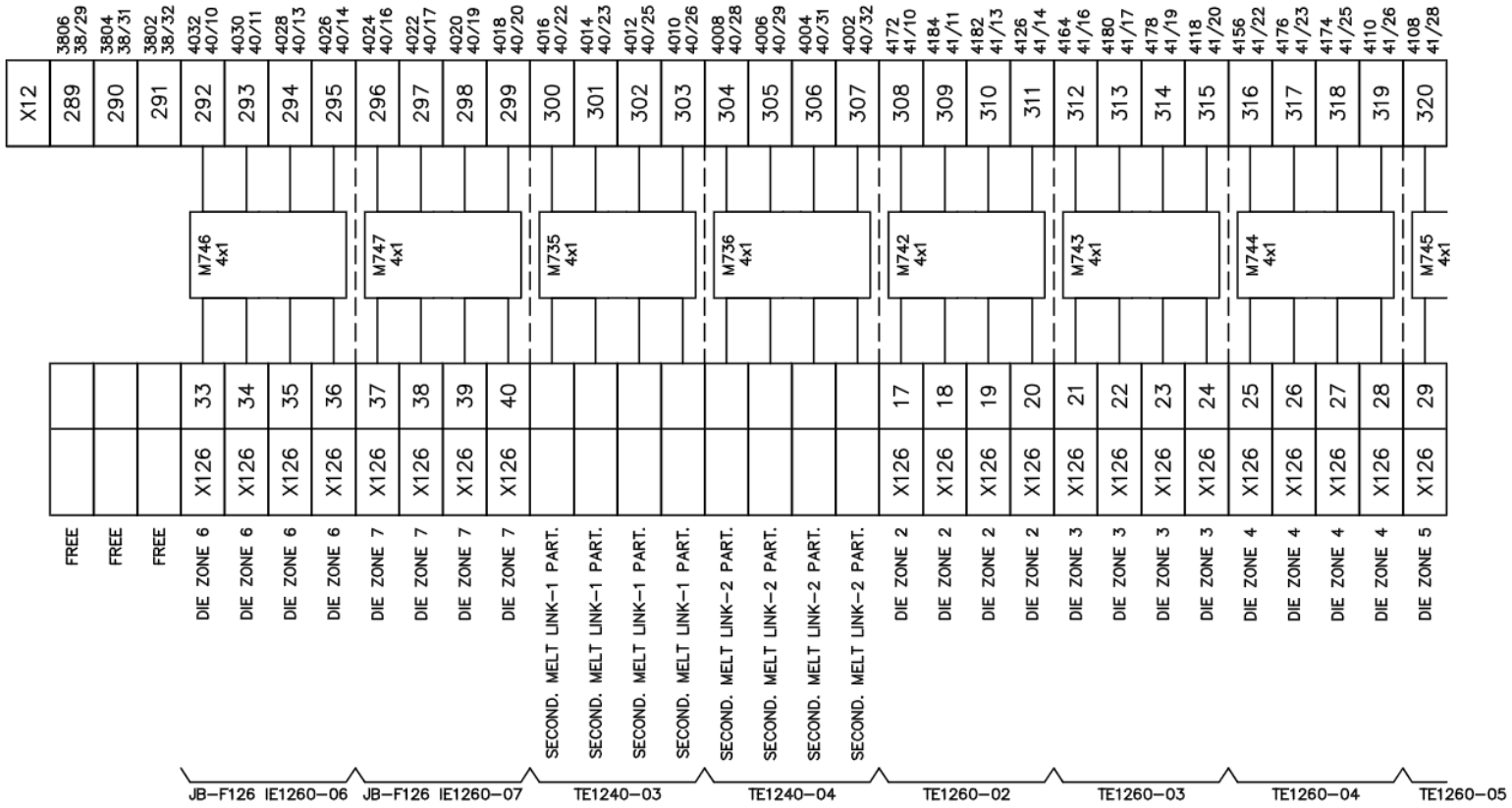
INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.	TERMINAL BLOCKS X12 225–256	DRAWING DESCRIPTION	KF023 F12
DRAWN BY	LEO TSAI	DRAWING NO.	
CHECKED BY	VINCENT HUANG	DRAWN DATE:	02–24–2012

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

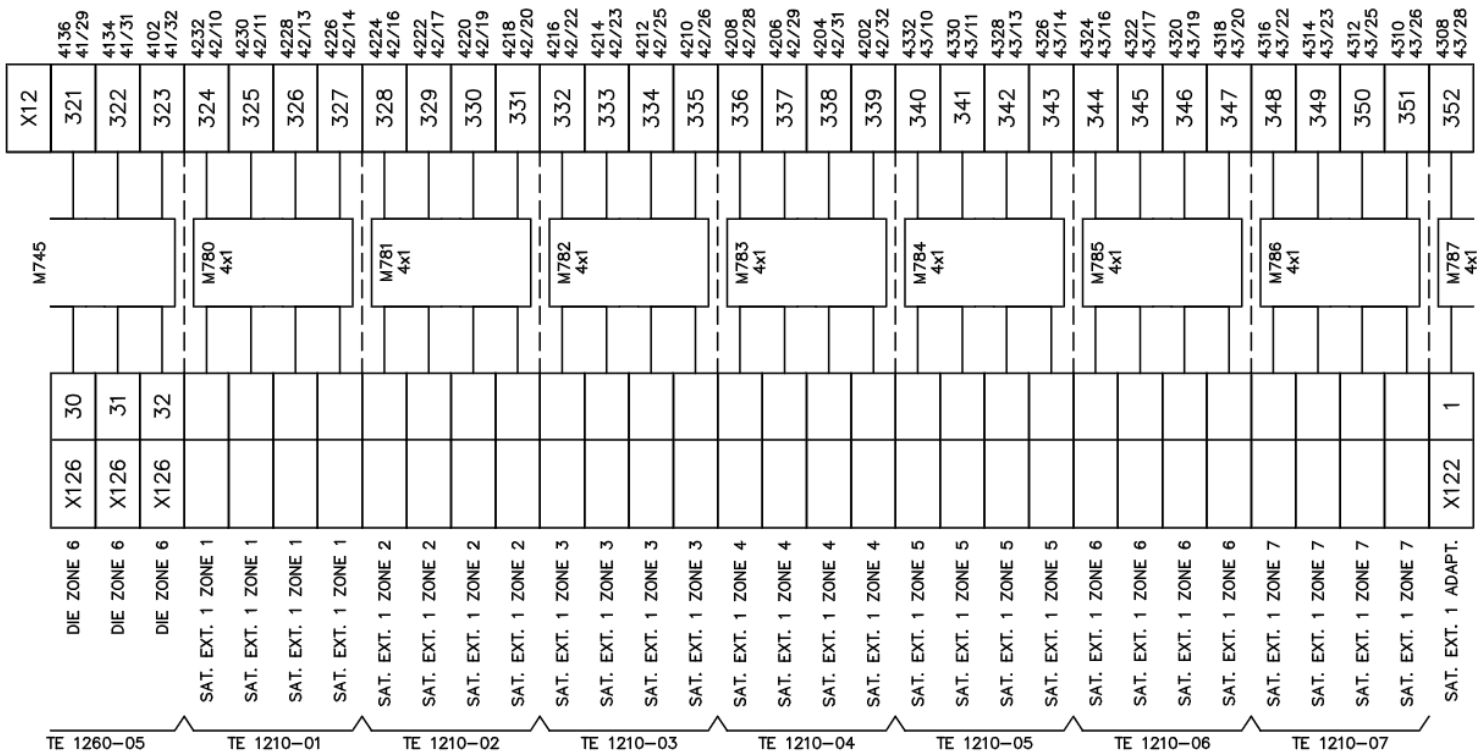
Page #	177				
Total					
MATERIAL					
SCALE	NONE	UNIT	MM		



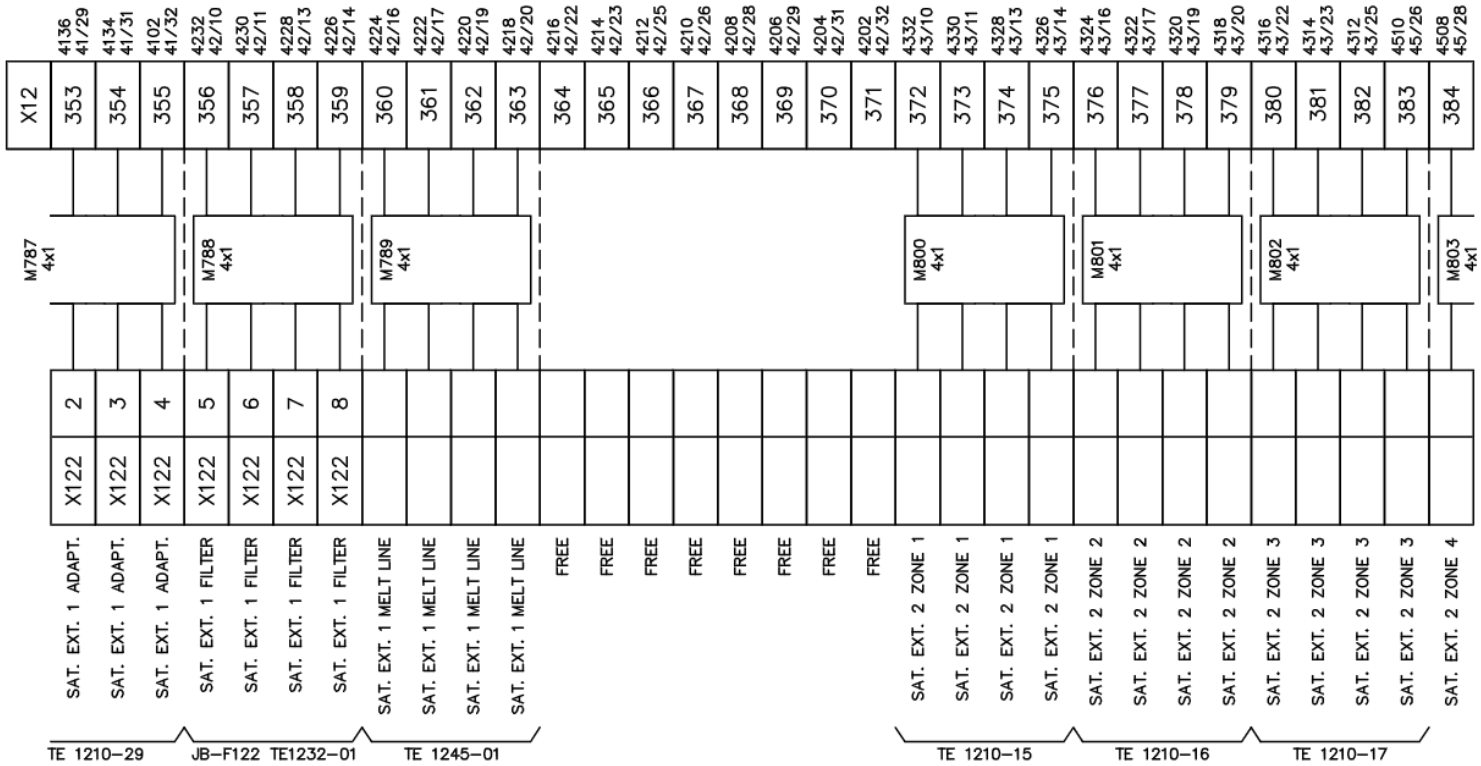
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 257–288					DRAWING DESCRIPTION	KF023 F12	Page #	178		
								Total			
DRAWN BY LEO TSAI						DRAWING NO.		MATERIAL			
CHECKED BY VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	02–24–2012	SCALE	NONE	UNIT	MM



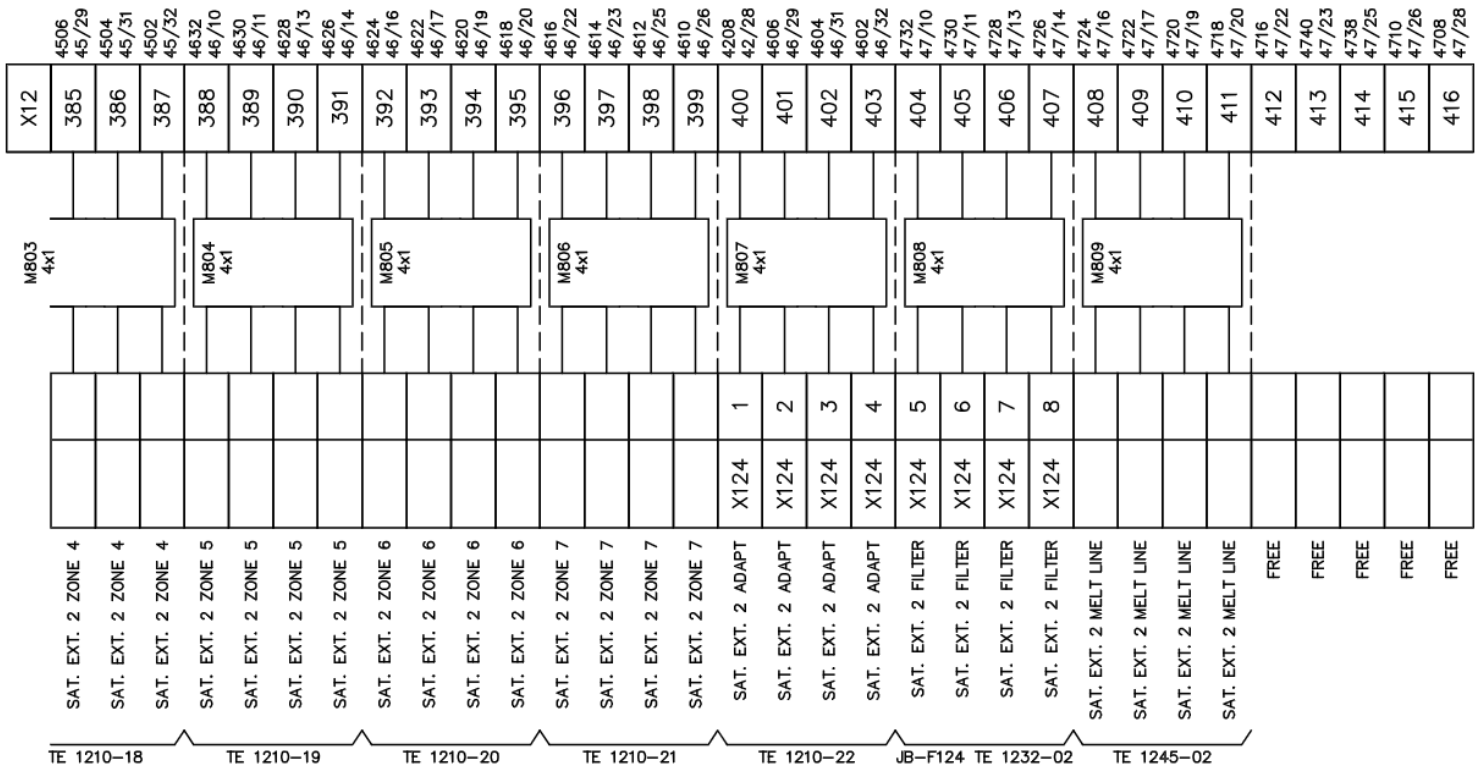
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 289-320					DRAWING DESCRIPTION	KF023 F12	Page #	179		
								Total			
DRAWN BY LEO TSAI						DRAWING NO.		MATERIAL			
CHECKED BY VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	02-24-2012	SCALE	NONE	UNIT	MM



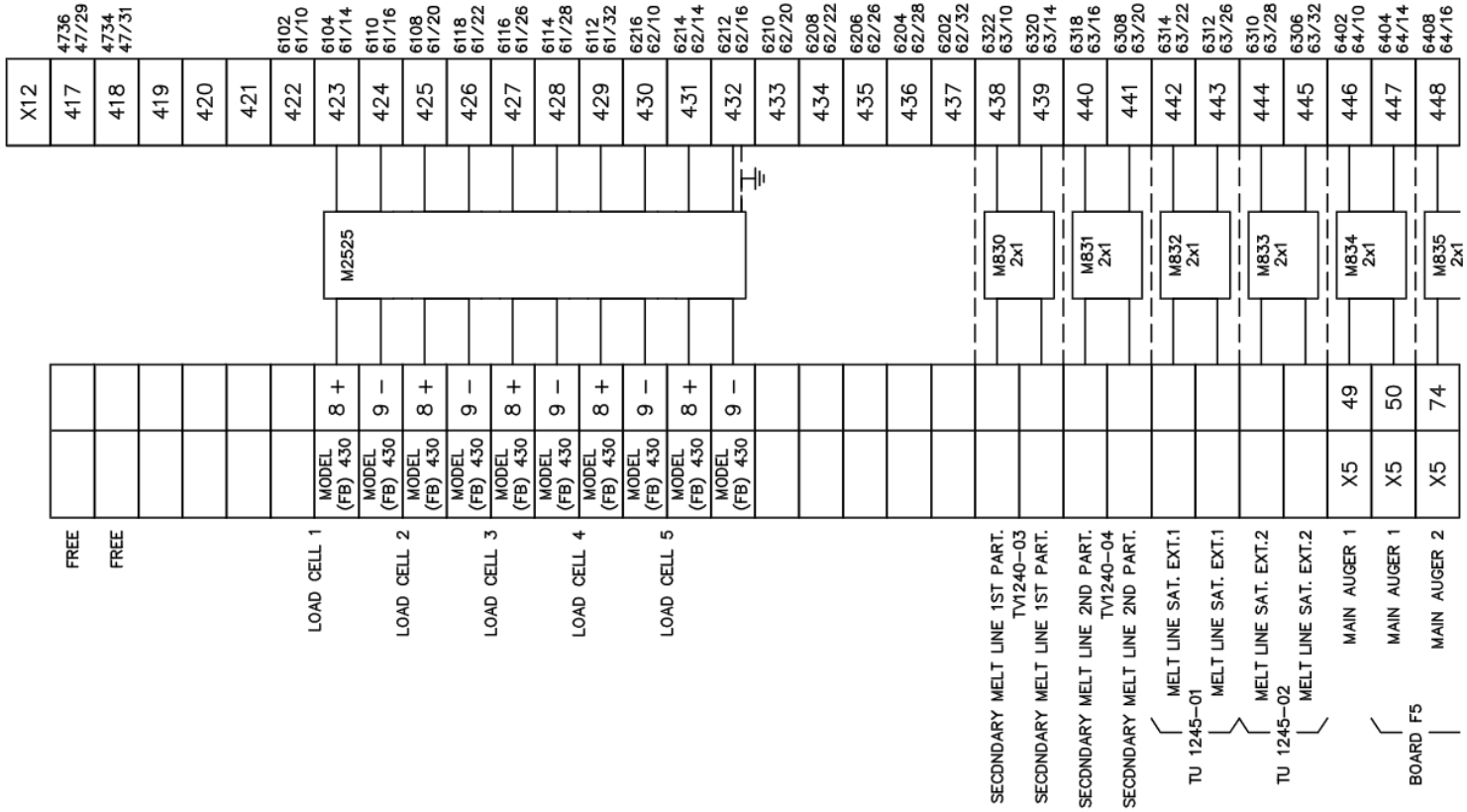
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 321–352					DRAWING DESCRIPTION	KF023 F12	Page #	180		
								Total			
DRAWN BY LEO TSAI						DRAWING NO.		MATERIAL			
CHECKED BY VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	02–24–2012	SCALE	NONE	UNIT	MM



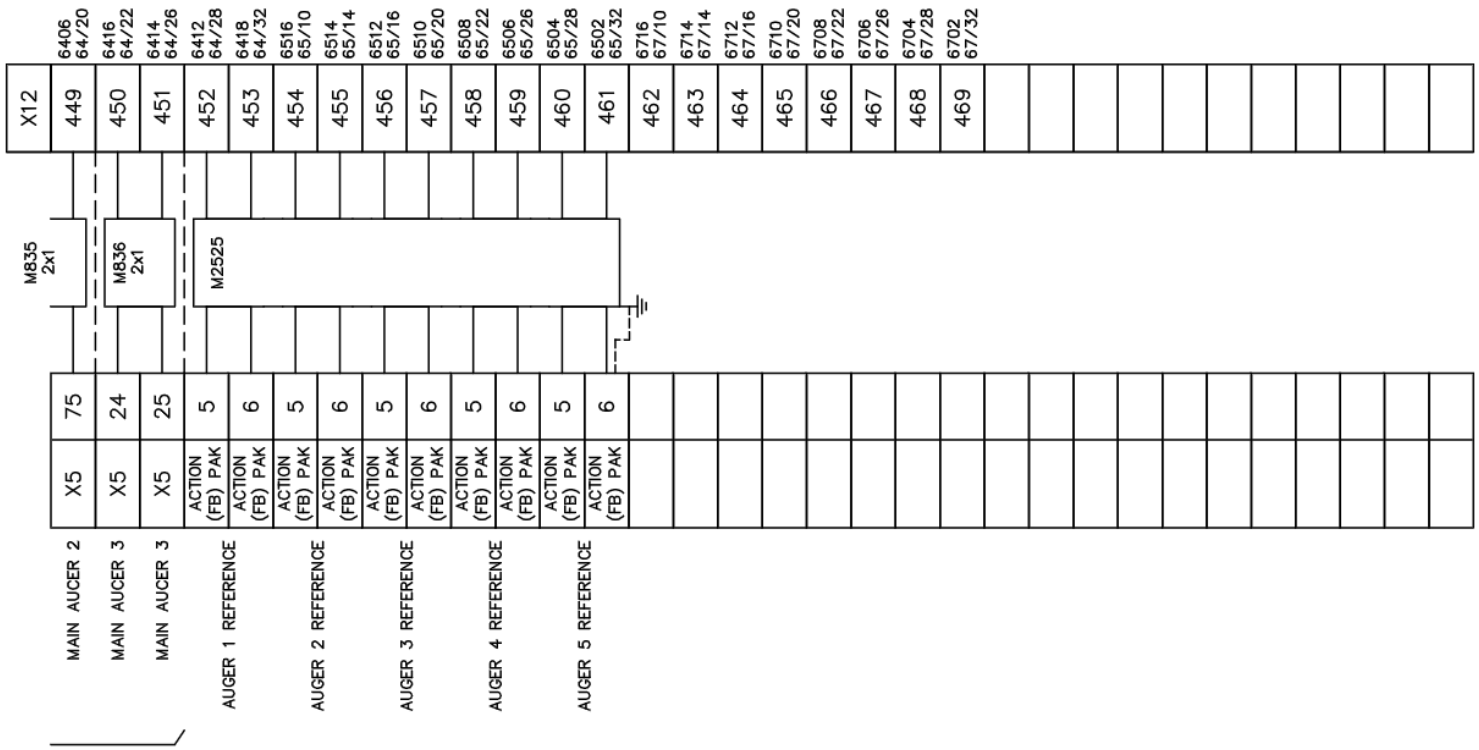
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 353–384					DRAWING DESCRIPTION	KF023 F12	Page #	181		
								Total			
DRAWN BY LEO TSAI						DRAWING NO.		MATERIAL			
CHECKED BY VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	02–24–2012	SCALE	NONE	UNIT	MM



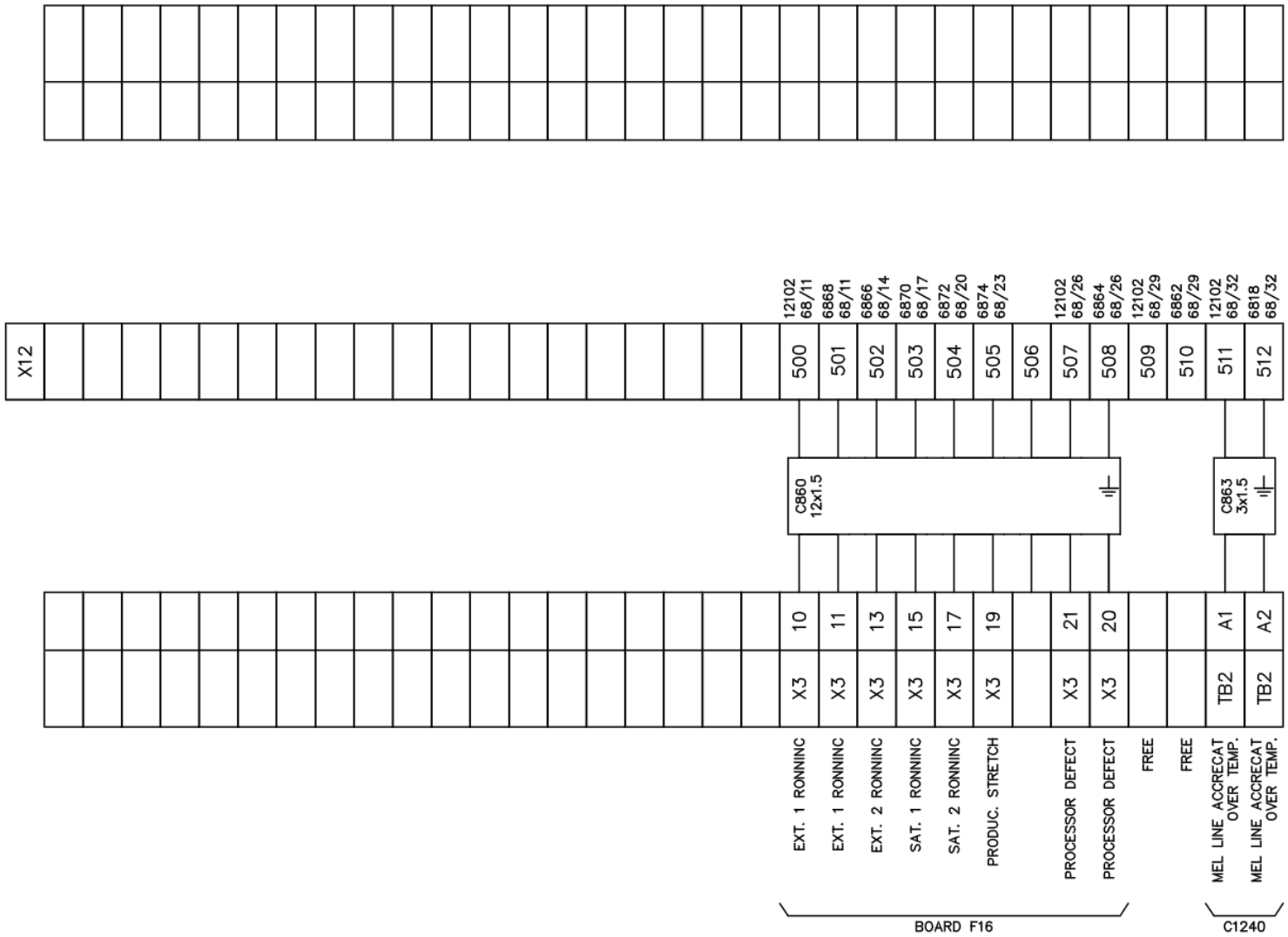
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 385-416				DRAWING DESCRIPTION	KF023 F12	Page #	182			
DRAWN BY LEO TSAI							Total				
CHECKED BY VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE: 02-24-2012	MATERIAL				
						DRAWING NO.	SCALE	NONE	UNIT	MM	



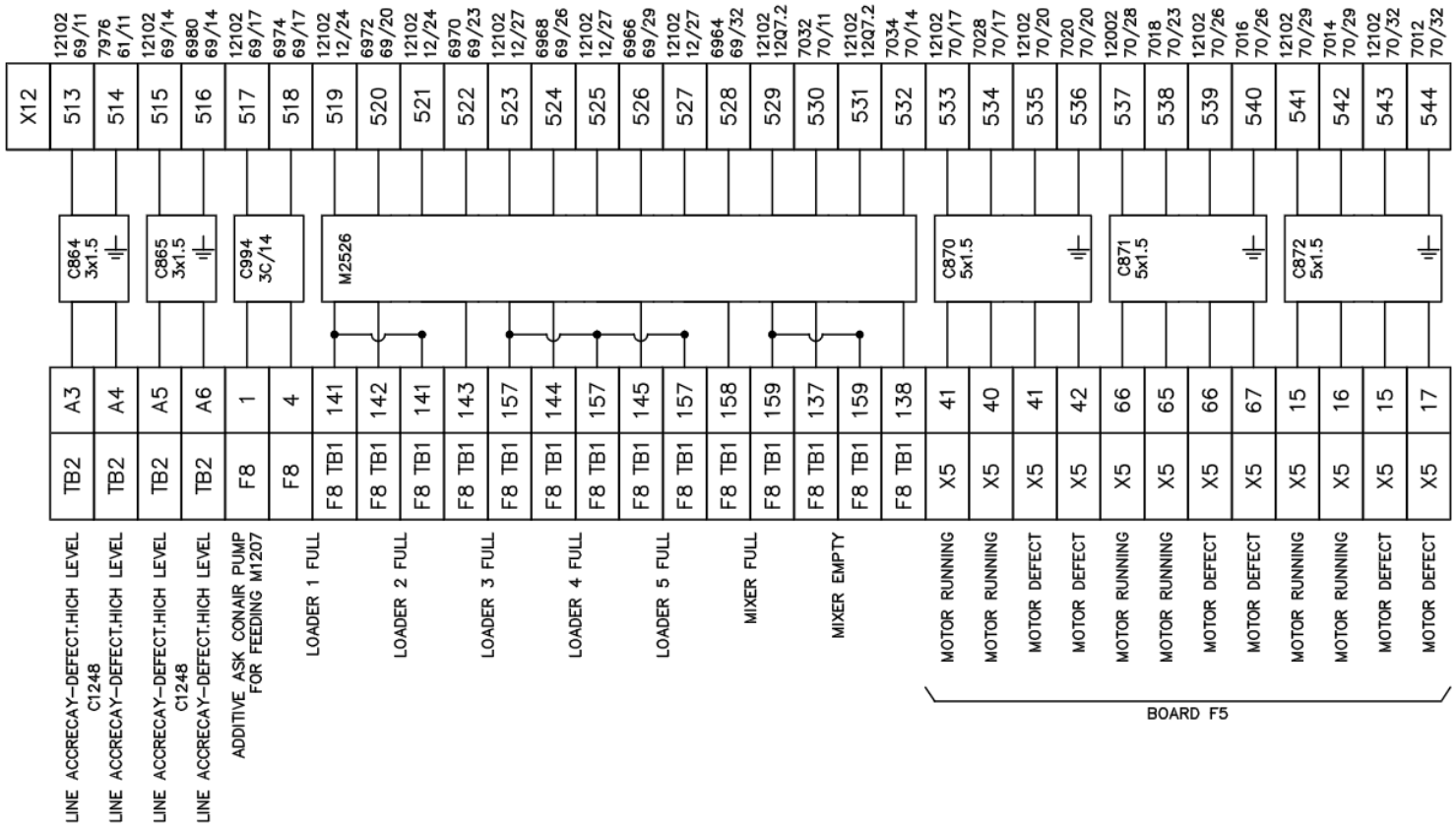
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 417–448					DRAWING DESCRIPTION	KF023 F12	Page #	183		
								Total			
DRAWN BY LEO TSAI						DRAWING NO.		MATERIAL			
CHECKED BY VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	02–24–2012	SCALE	NONE	UNIT	MM



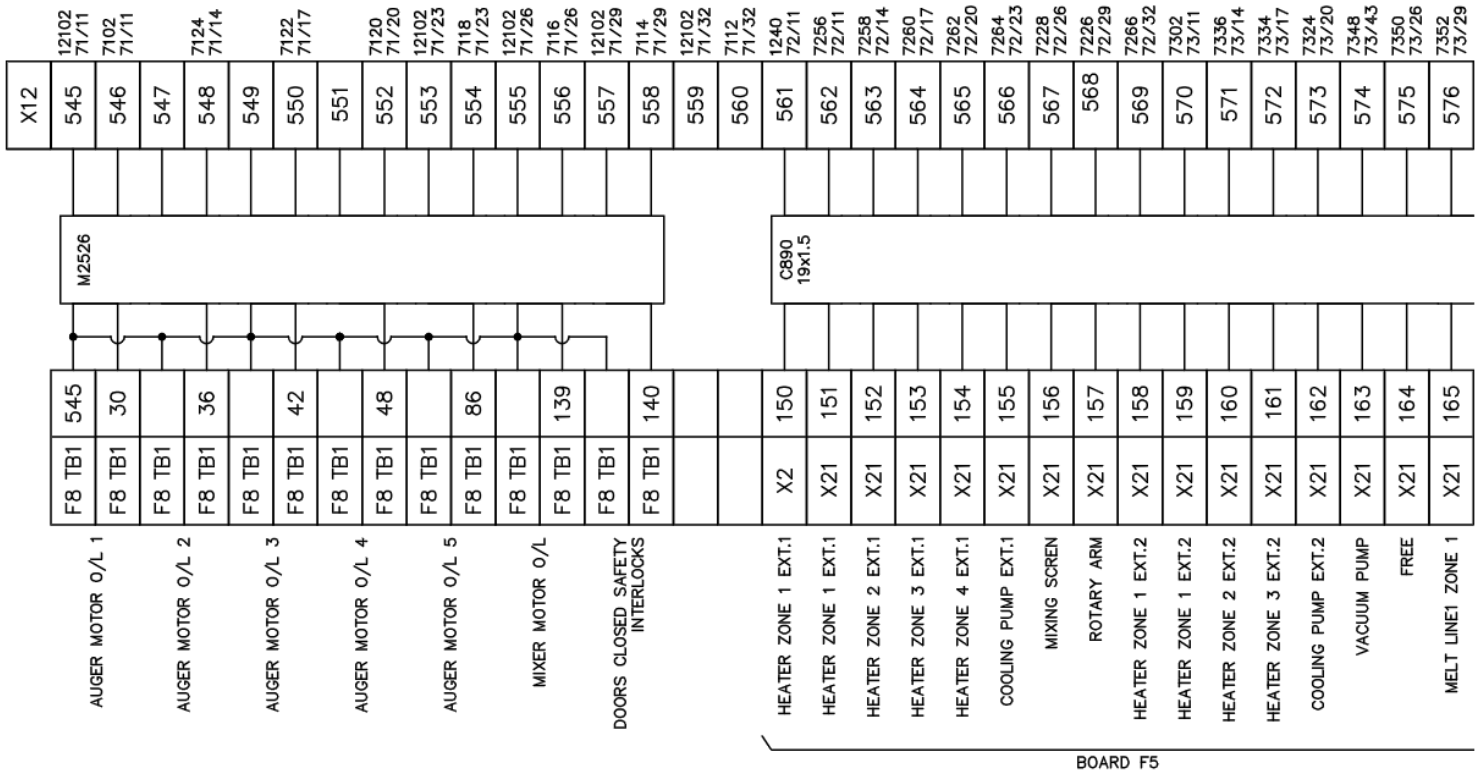
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		TERMINAL BLOCKS X12 449–480					DRAWING DESCRIPTION	KF023 F12	Page #	184	
DRAWN BY	LEO TSAI								Total		
							DRAWING NO.		MATERIAL		
CHECKED BY	VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	02–24–2012	SCALE NONE	UNIT	MM



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



INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 513–544					DRAWING DESCRIPTION	KF023 F12	Page #	186		
DRAWN BY LEO TSAI								Total			
						DRAWING NO.		MATERIAL			
CHECKED BY VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	02–24–2012	SCALE	NONE	UNIT	MM



INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 545–576					DRAWING DESCRIPTION	KF023 F12	Page #	187		
								Total			
DRAWN BY LEO TSAI						DRAWING NO.		MATERIAL			
CHECKED BY VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	02–24–2012	SCALE	NONE	UNIT	MM

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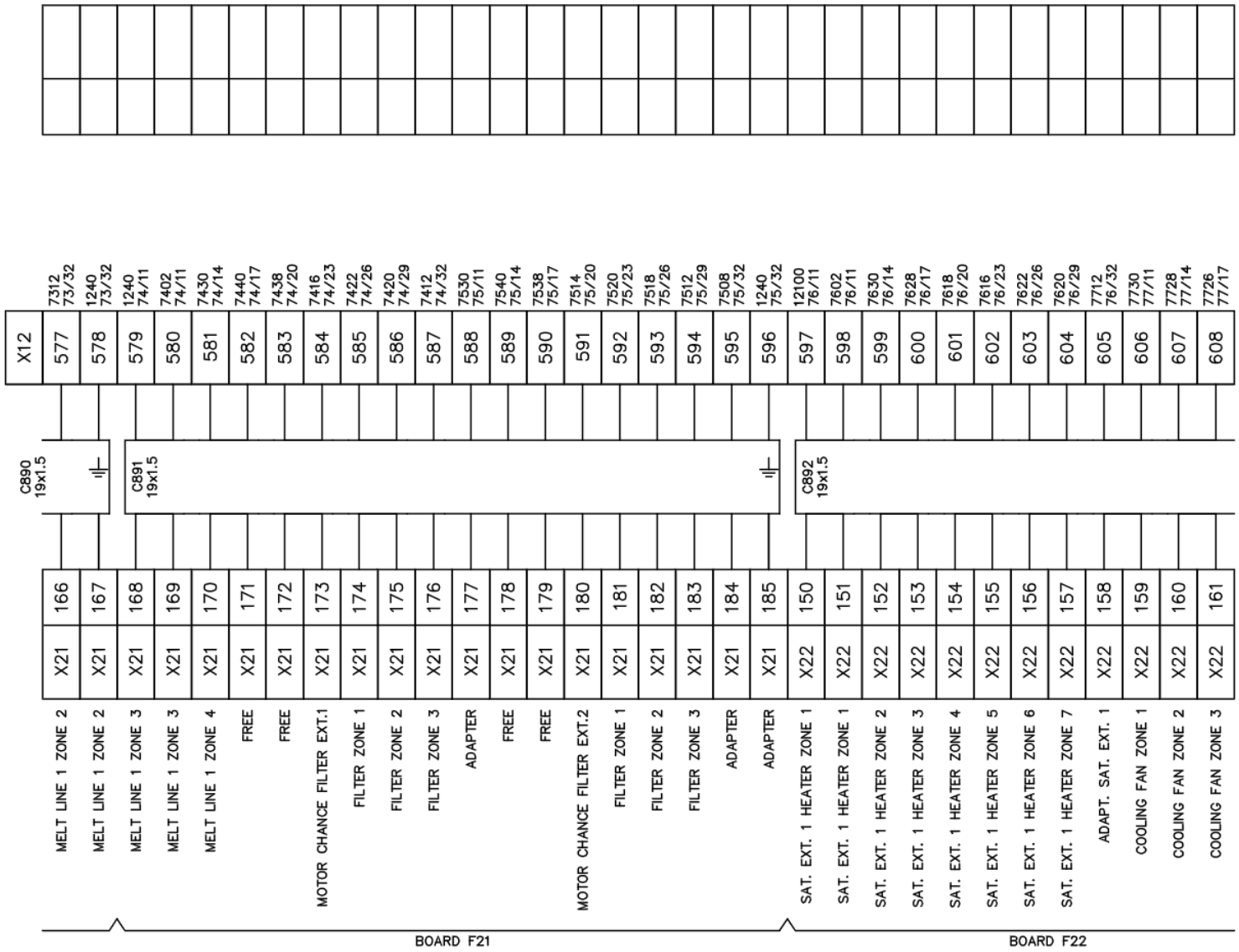
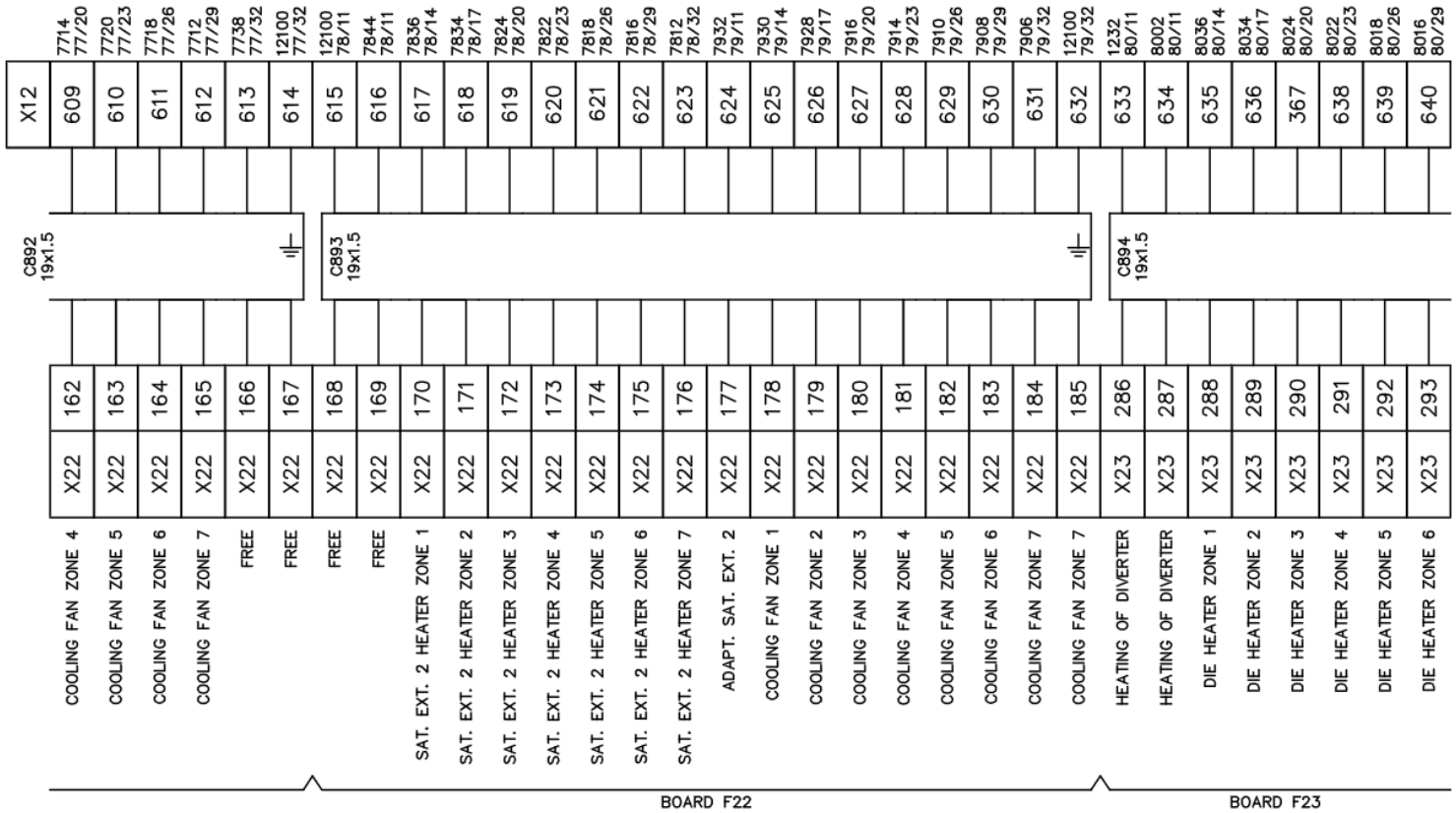


X12	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608
	7312 73/32	1240 73/32	1240 74/11	7402 74/11	7430 74/14	7440 74/17	7438 74/20	7416 74/23	7422 74/26	7420 74/29	7412 74/32	7530 75/11	7540 75/14	7538 75/17	7514 75/20	7520 75/23	7518 75/26	7512 75/29	7508 75/32	1240 75/32	12100 76/11	7602 76/11	7630 76/14	7628 76/17	7618 76/20	7616 76/23	7622 76/26	7620 76/29	7712 76/32	7730 77/11	7728 77/14	7726 77/17

	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	150	151	152	153	154	155	156	157	158	159	160	161
	X21	X21	X21	X21	X21	X21	X21	X21	X21	X21	X21	X21	X21	X21	X21	X21	X21	X21	X21	X21	X22	X22	X22	X22	X22	X22	X22	X22	X22	X22	X22	X22
	MELT LINE 1 ZONE 2	MELT LINE 1 ZONE 2	MELT LINE 1 ZONE 3	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	ADAPTER	FREE	FREE	MOTOR CHANCE FILTER EXT.2	FILTER ZONE 1	FILTER ZONE 2	FILTER ZONE 3	ADAPTER	ADAPTER	SAT. EXT. 1 HEATER ZONE 1	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	COOLING FAN ZONE 1	COOLING FAN ZONE 2	COOLING FAN ZONE 3

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

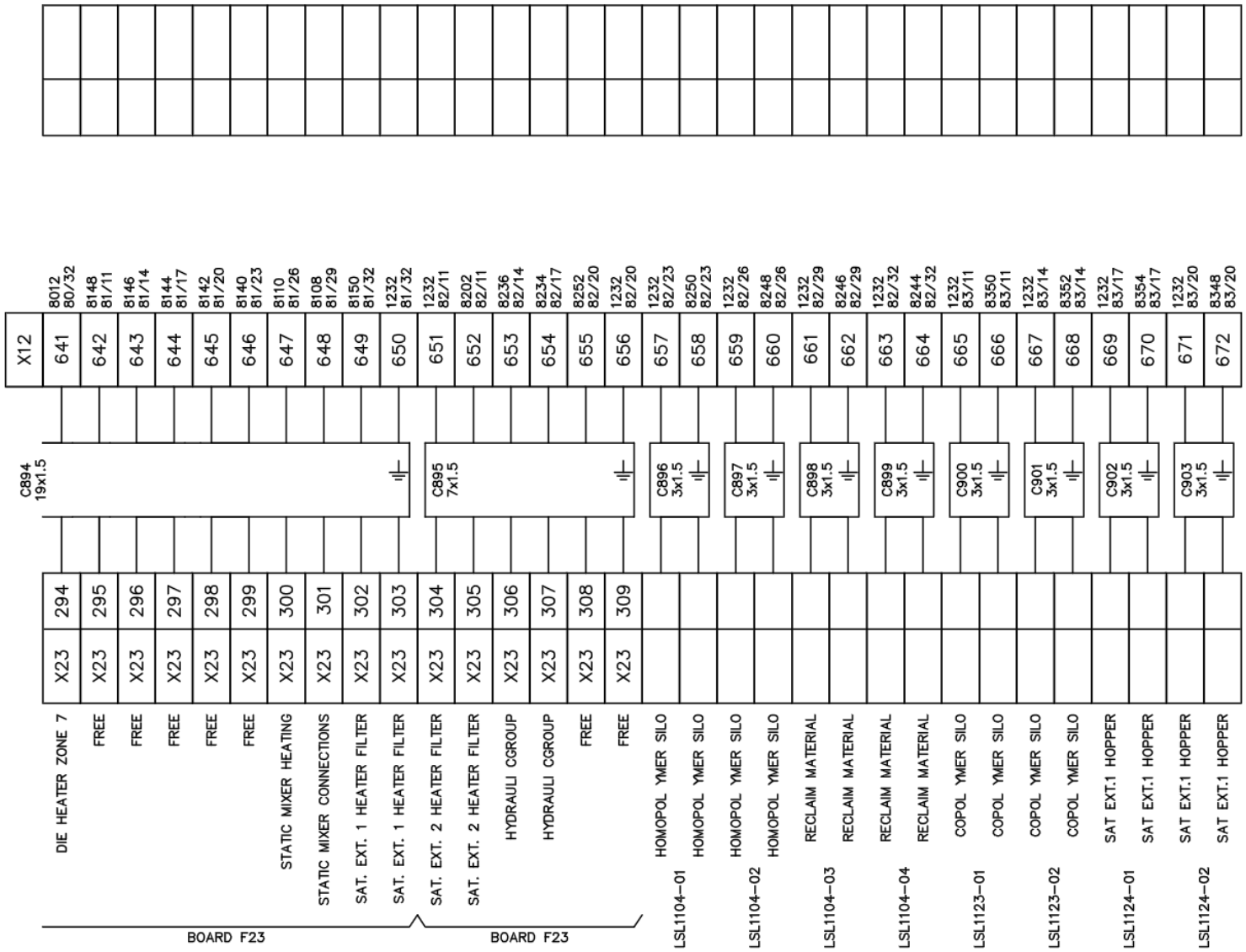
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 577–608					DRAWING DESCRIPTION	KF023 F12		Page #	188			
									Total				
DRAWN BY	LEO TSAI					DRAWING NO.			MATERIAL				
CHECKED BY	VINCENT HUANG	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	02–24–2012		SCALE	NONE	UNIT	MM	



INTEPLAST GROUP, Ltd. AMTOPP DIV. M/E DEPT.	TERMINAL BLOCKS X12 1–32	DRAWING DESCRIPTION	KF023 F12
DRAWN BY	LEO TSAI	DRAWING NO.	
CHECKED BY	VINCENT HUANG	DRAWN DATE:	02–24–2012

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

Page #	189		
Total			
MATERIAL			
SCALE	NONE	UNIT	MM


X12
641 8012 80/32
642 8148 81/11
643 8146 81/14
644 8144 81/17
645 8142 81/20
646 8140 81/23
647 8110 81/26
648 8108 81/29
649 8150 81/32
650 1232 81/32
651 1232 82/11
652 8202 82/11
653 8236 82/14
654 8234 82/17
655 8252 82/20
656 1232 82/20
657 1232 82/23
658 8250 82/23
659 1232 82/26
660 8248 82/26
661 1232 82/29
662 8246 82/29
663 1232 82/32
664 8244 82/32
665 1232 83/11
666 8350 83/11
667 1232 83/14
668 8352 83/14
669 1232 83/17
670 8354 83/17
671 1232 83/20
672 8348 83/20
C894 19x1.5
C895 7x1.5
C896 3x1.5
C897 3x1.5
C898 3x1.5
C899 3x1.5
C900 3x1.5
C901 3x1.5
C902 3x1.5
C903 3x1.5
294 X23 DIE HEATER ZONE 7
295 X23 FREE
296 X23 FREE
297 X23 FREE
298 X23 FREE
299 X23 FREE
300 X23 STATIC MIXER HEATING
301 X23 STATIC MIXER CONNECTIONS
302 X23 SAT. EXT. 1 HEATER FILTER
303 X23 SAT. EXT. 1 HEATER FILTER
304 X23 SAT. EXT. 2 HEATER FILTER
305 X23 SAT. EXT. 2 HEATER FILTER
306 X23 HYDRAULI CGROUP
307 X23 HYDRAULI CGROUP
308 X23 FREE
309 X23 FREE
HOMOPOL YMER SILO LSL1104-01
HOMOPOL YMER SILO
HOMOPOL YMER SILO LSL1104-02
HOMOPOL YMER SILO
RECLAIM MATERIAL LSL1104-03
RECLAIM MATERIAL
RECLAIM MATERIAL LSL1104-04
RECLAIM MATERIAL
COPOL YMER SILO LSL1123-01
COPOL YMER SILO
COPOL YMER SILO LSL1123-02
COPOL YMER SILO
SAT EXT.1 HOPPER LSL1124-01
SAT EXT.1 HOPPER
SAT EXT.1 HOPPER LSL1124-02
SAT EXT.1 HOPPER
BOARD F23
BOARD F23

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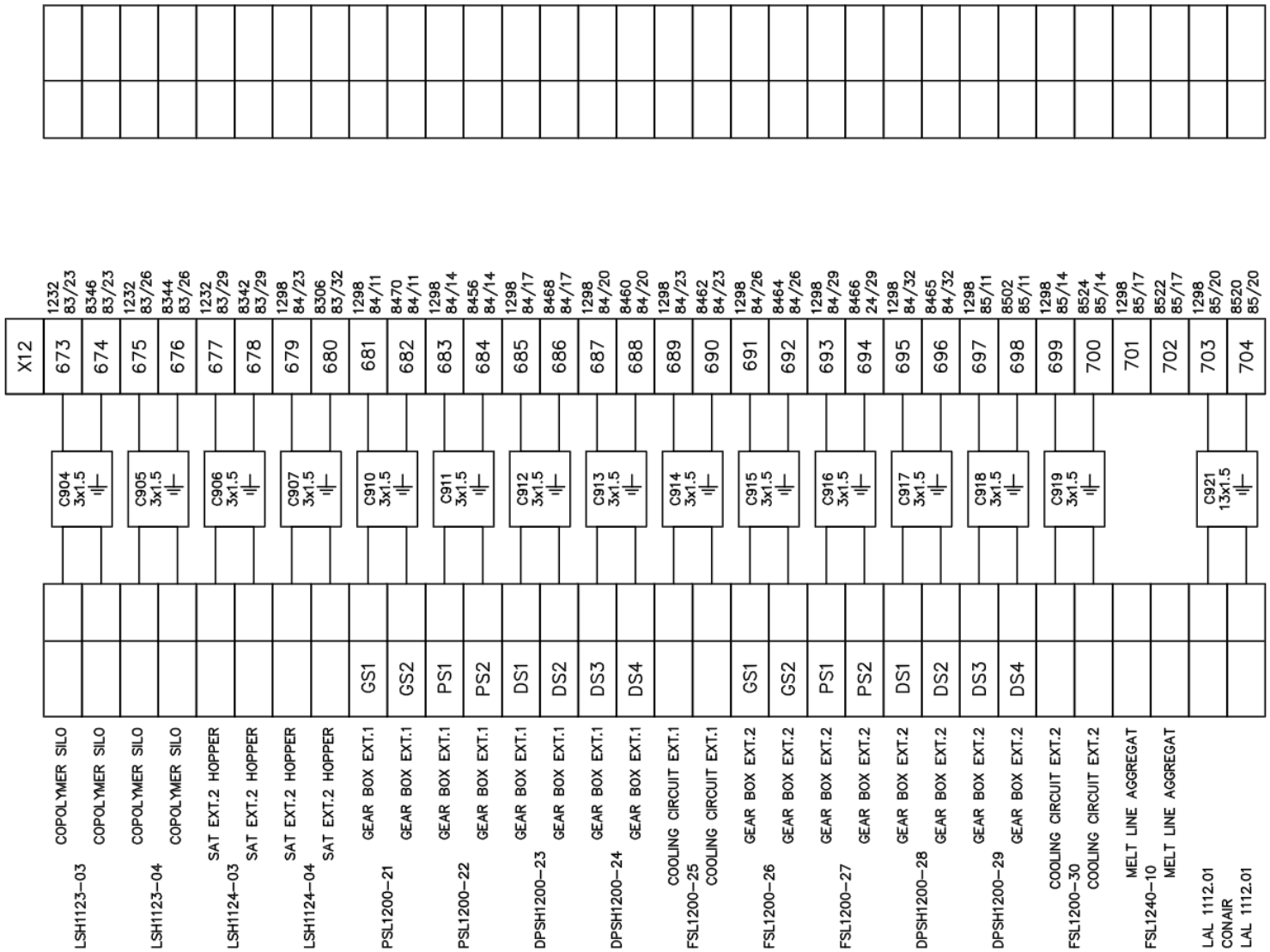
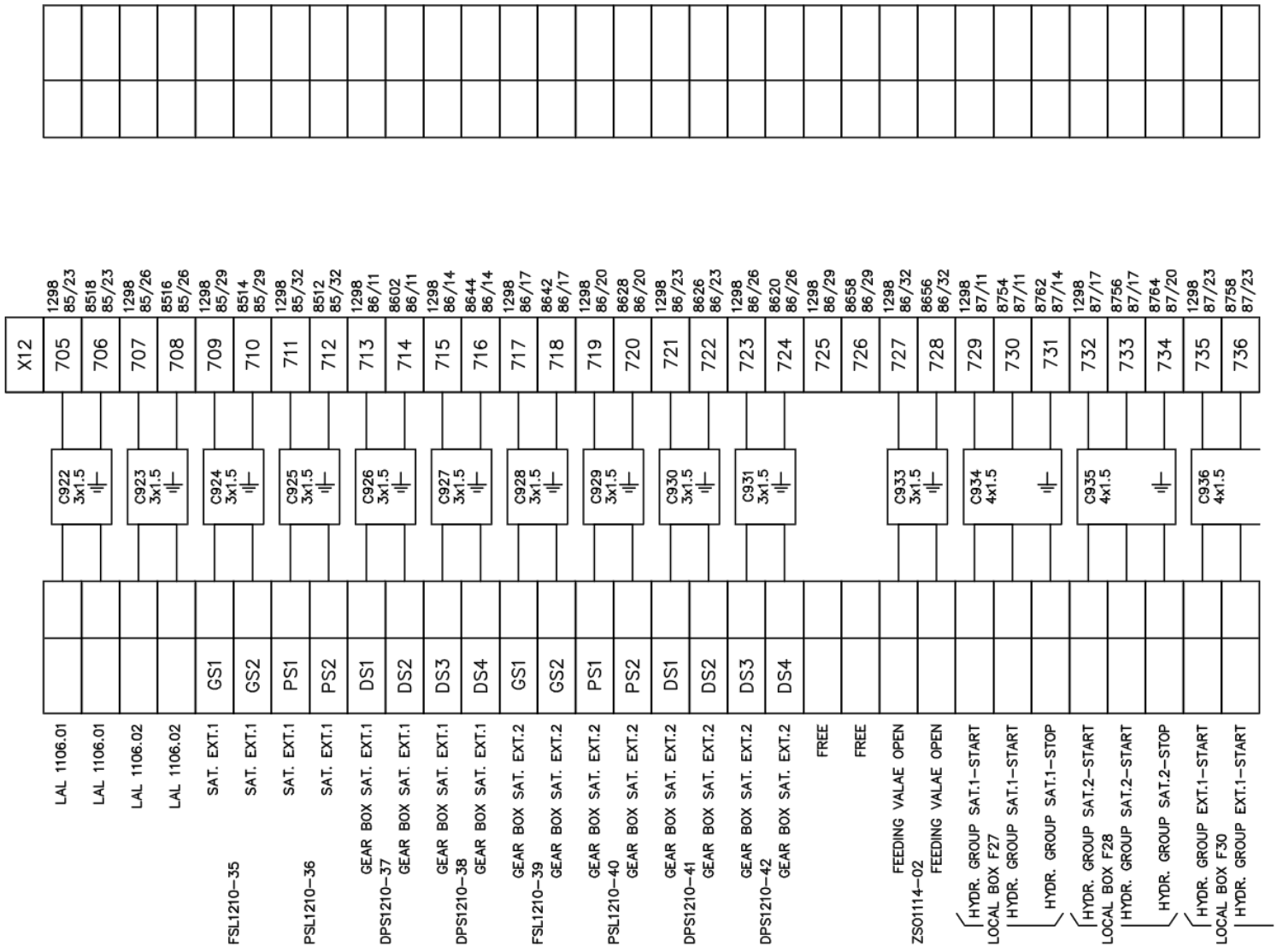
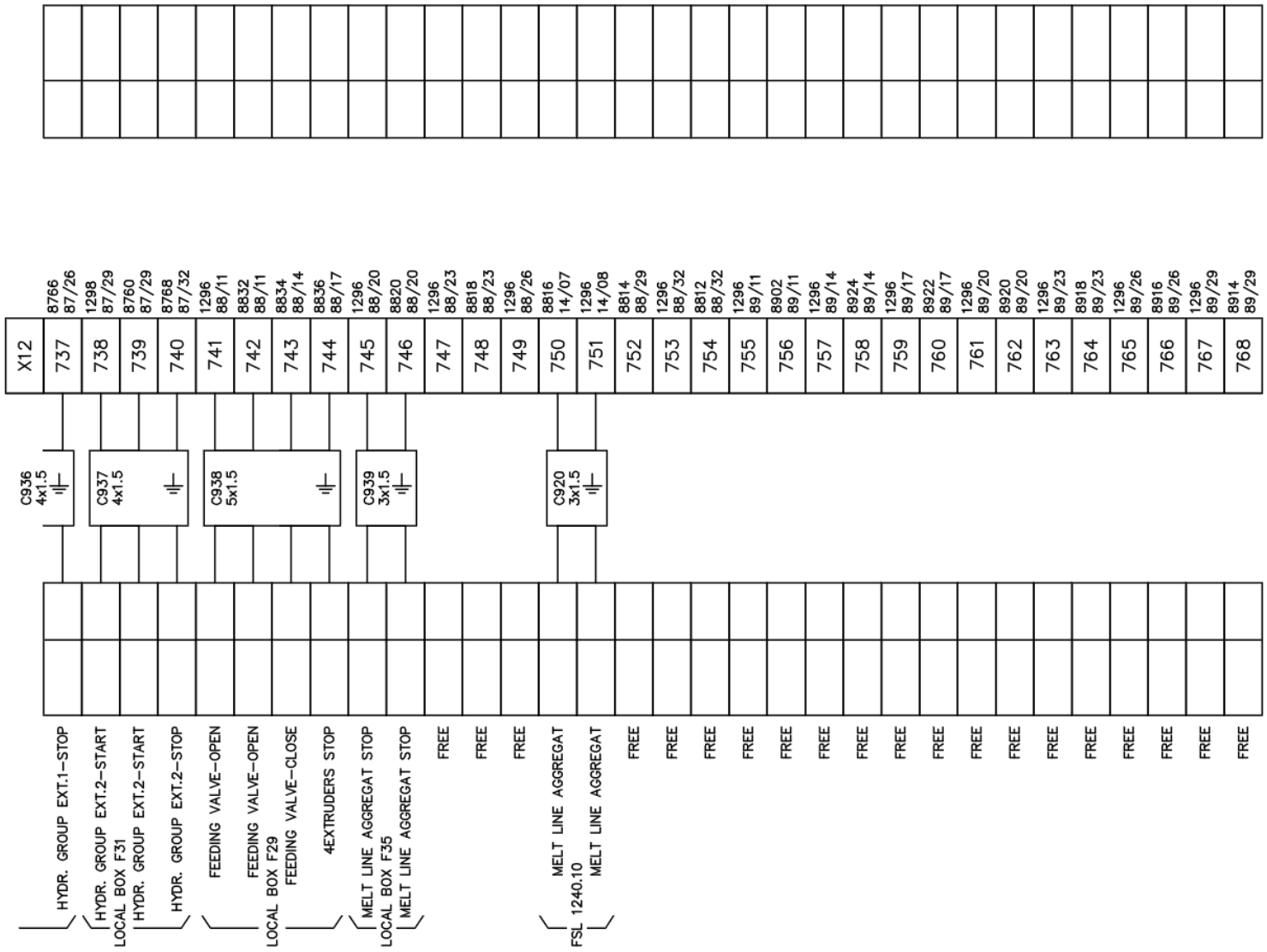


INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 65–96					DRAWING DESCRIPTION	KF023 F12	Page #	191		
DRAWN BY	VICTOR WEI							Total			
						DRAWING NO.		MATERIAL			
CHECKED BY	VINCENT HUANG	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	11–27–2012	SCALE	NONE	UNIT	MM



INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 97-128					DRAWING DESCRIPTION	KF023 F12	Page #	192		
								Total			
DRAWN BY VICTOR WEI						DRAWING NO.		MATERIAL			
CHECKED BY VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	11-29-2012	SCALE	NONE	UNIT	MM



INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 129–160					DRAWING DESCRIPTION	KF023 F12	Page #	193		
								Total			
DRAWN BY VICTOR WEI						DRAWING NO.		MATERIAL			
CHECKED BY VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	11–29–2012	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

	1296 89/32	8912 89/32	1296 90/11	9002 90/11	1296 90/14	9024 90/14	1296 90/17	9022 90/17	1296 90/20	9020 90/20	1296 90/23	9018 90/23	1296 90/26	9016 90/26	1296 90/29	9014 90/29	1296 90/32	9012 90/32	1296 91/11	9102 91/11	1296 91/14	9124 91/14	1296 91/17	9122 91/17	1296 91/20	9120 91/20	1296 91/23	9118 91/23	1296 91/26	9116 91/26	1296 91/29	9114 91/29
X12	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800

FREE	FREE	FREE	FREE	FREE	FREE	FREE	FREE	FREE	FREE	FREE	FREE	FREE	FREE	FREE	FREE	FREE	FREE	FREE	FREE	FREE	FREE	FREE	FREE	FREE	FREE	FREE	FREE	FREE	FREE	FREE	FREE	FREE

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

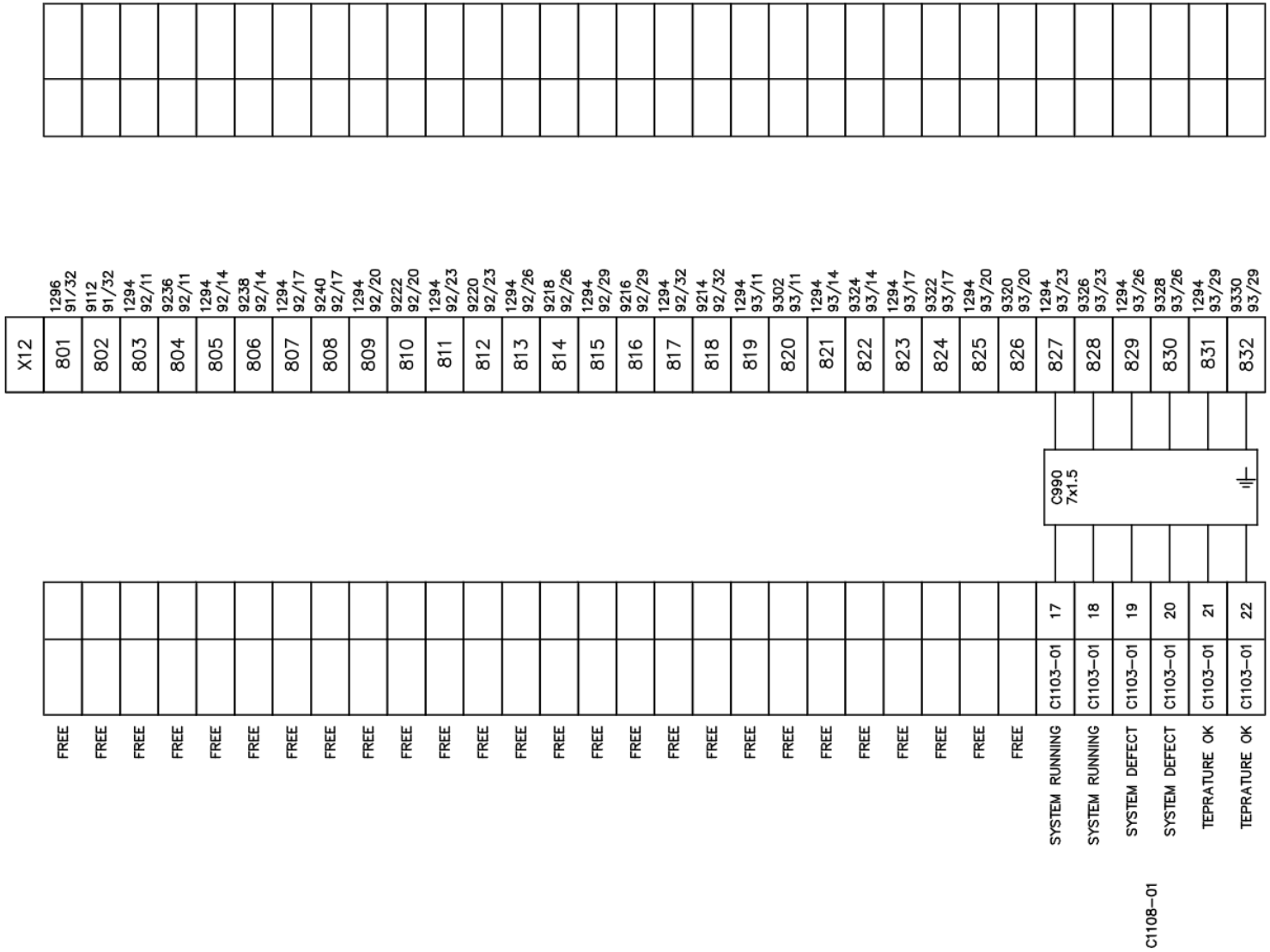
INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.

DRAWN BY	VICTOR WEI
CHECKED BY	VINCENT HUANG

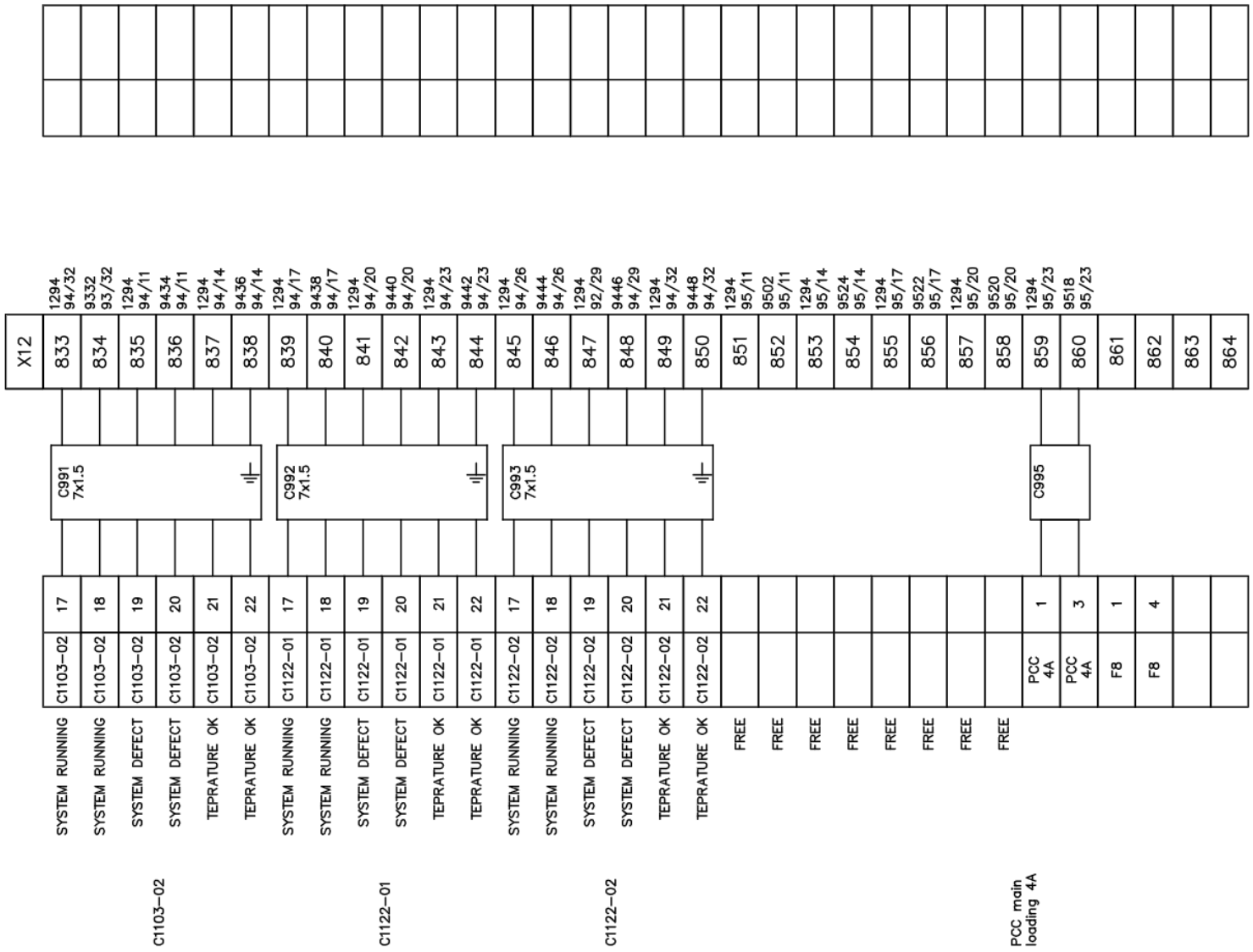
TERMINAL BLOCKS X12 161–192

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

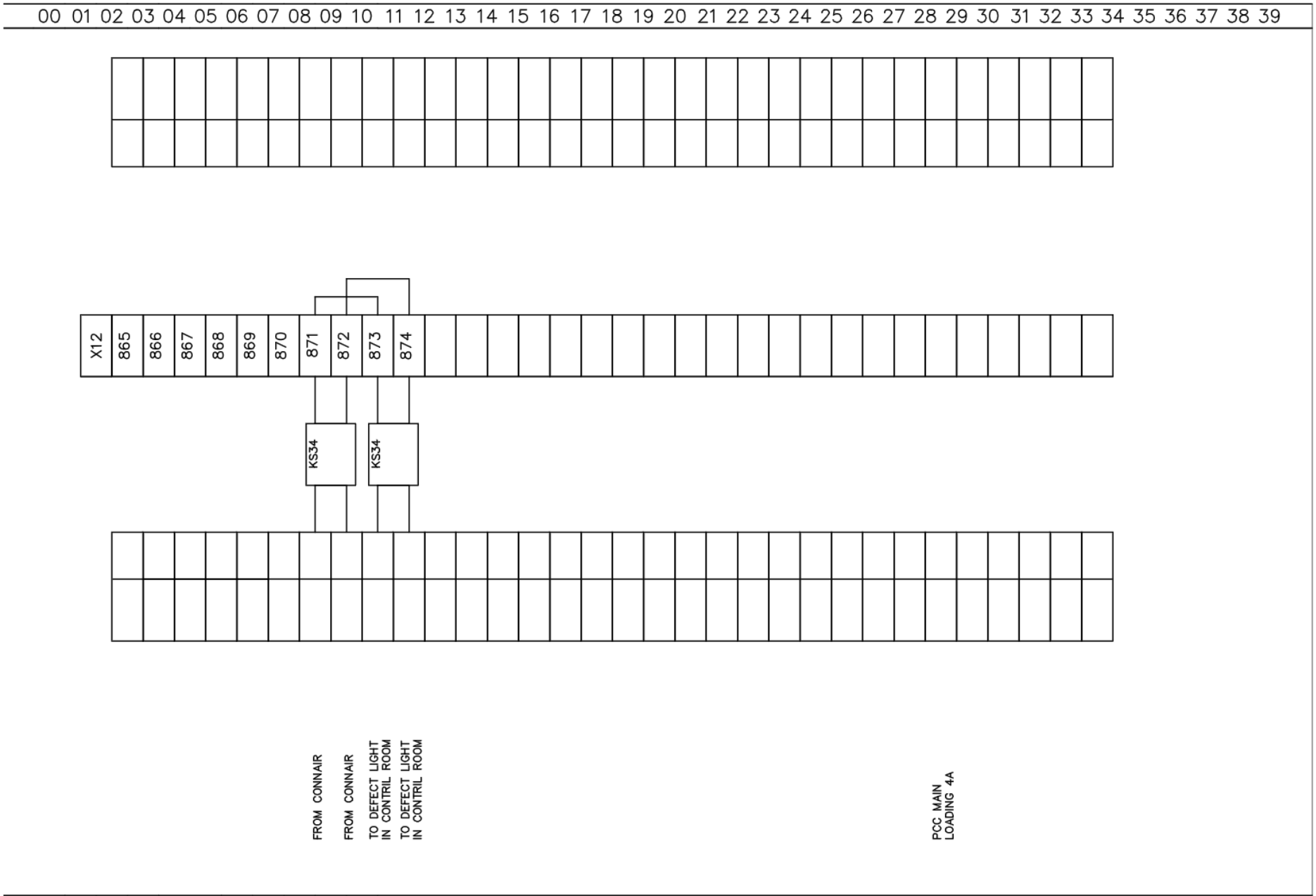
DRAWING DESCRIPTION	KF023 F12	Page #	194
		Total	
DRAWING NO.		MATERIAL	
DRAWN DATE:	11–29–2012	SCALE NONE	UNIT MM



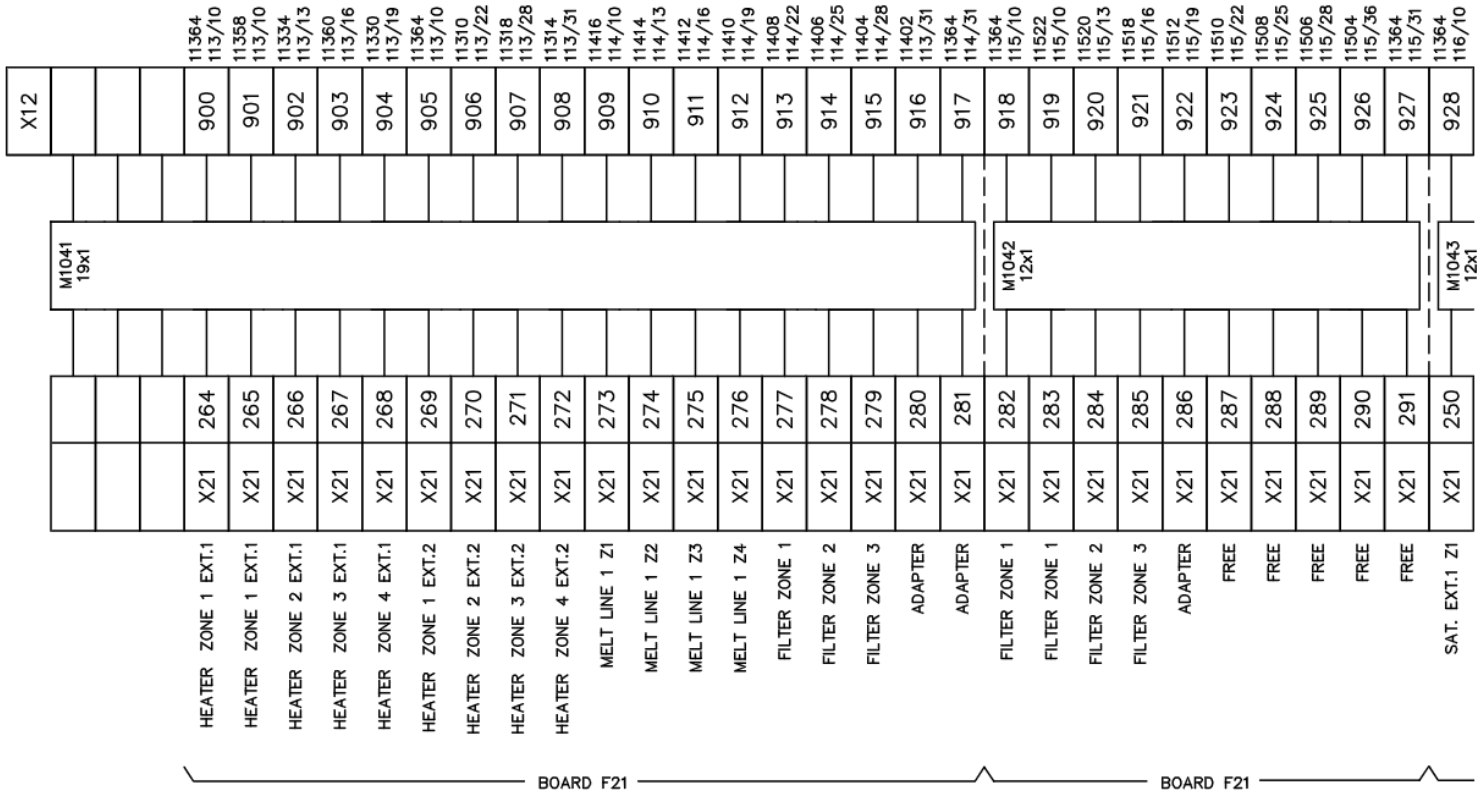
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 193–224					DRAWING DESCRIPTION	KF023 F12	Page #	195		
								Total			
DRAWN BY VICOTR WEI						DRAWING NO.		MATERIAL			
CHECKED BY VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	11–30–2012	SCALE	NONE	UNIT	MM



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



INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 257–288					DRAWING DESCRIPTION	KF023 F12	Page #	197		
								Total			
DRAWN BY VICOTR WEI						DRAWING NO.		MATERIAL			
CHECKED BY VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	11–30–2012	SCALE	NONE	UNIT	MM



INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 289–320					DRAWING DESCRIPTION	KF023 F12	Page #	198		
								Total			
DRAWN BY VICTOR WEI						DRAWING NO.		MATERIAL			
CHECKED BY VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	11–30–2012	SCALE	NONE	UNIT	MM

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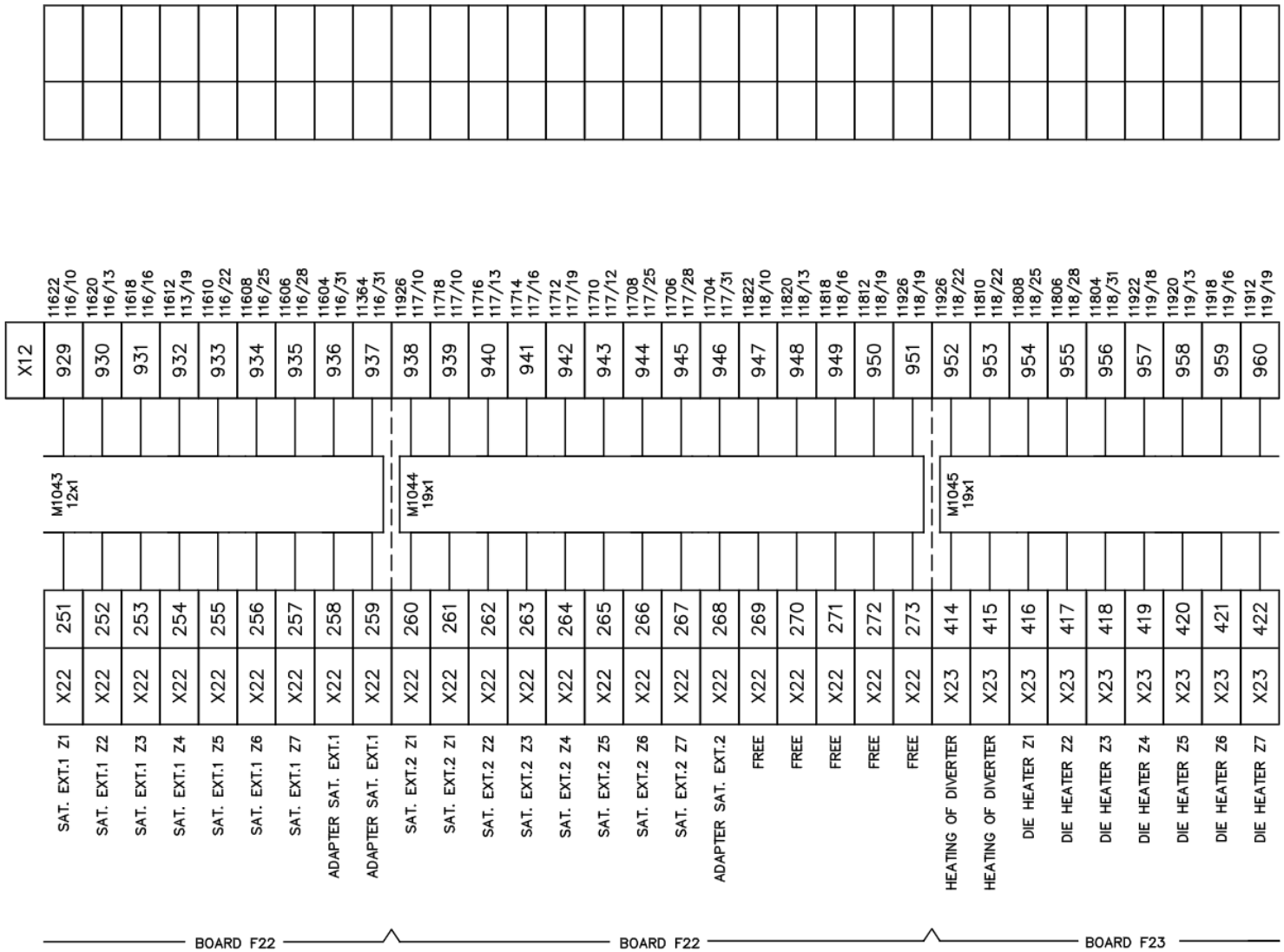
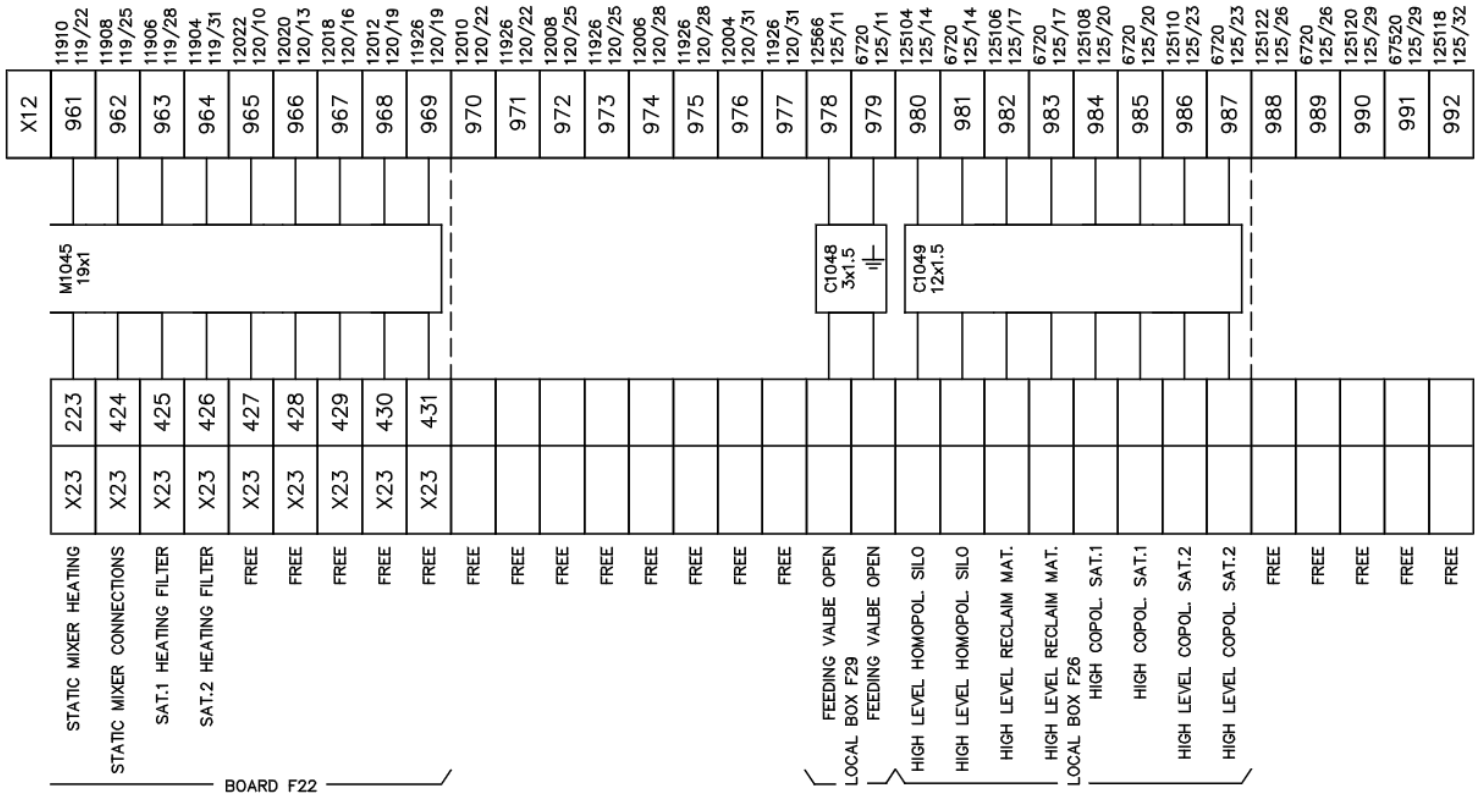
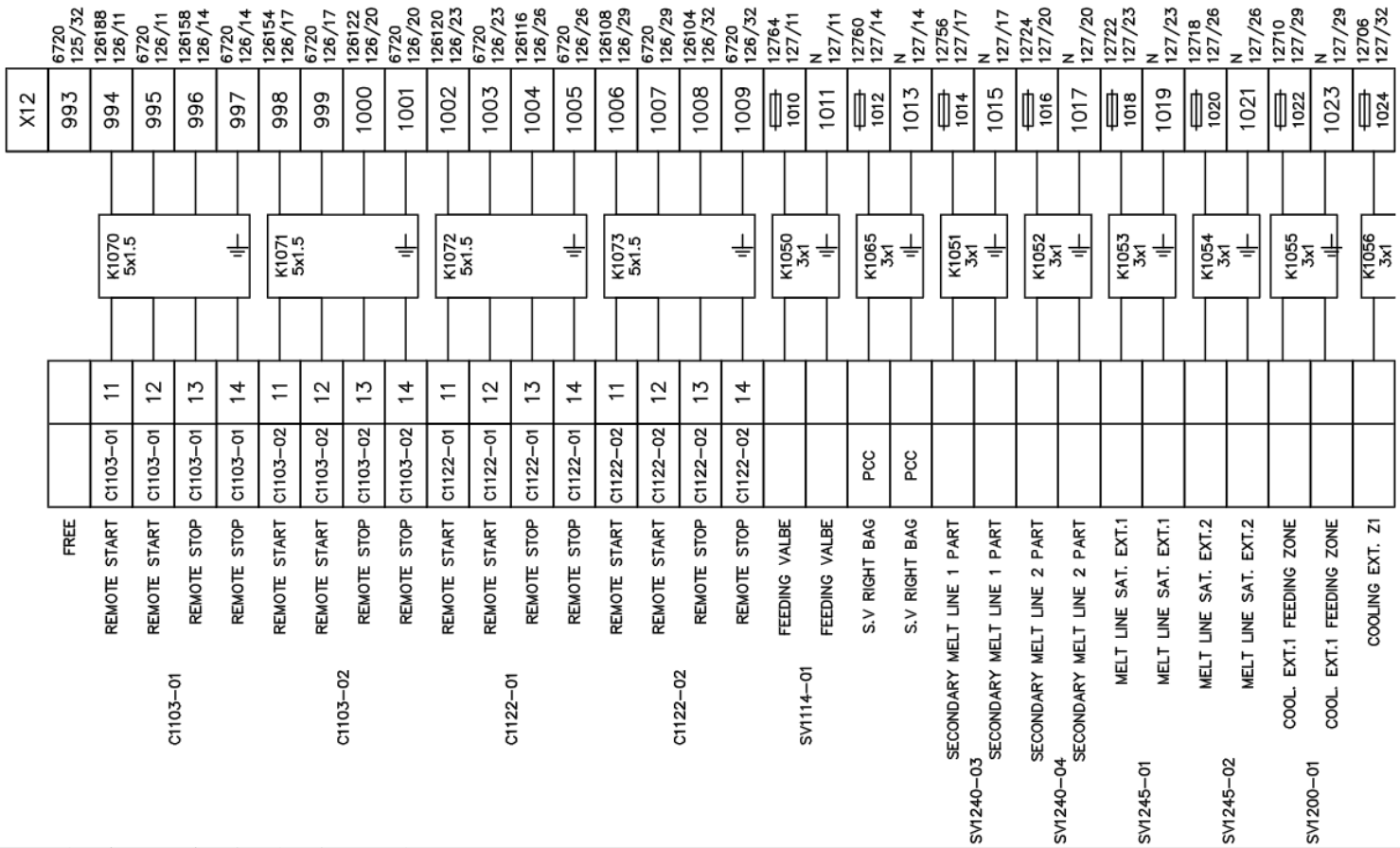


00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 321–352					DRAWING DESCRIPTION	KF023 F12	Page #	199		
								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	SCALE	NONE	UNIT	MM


X12
11910 119/22
11908 119/25
11906 119/28
11904 119/31
12022 120/10
12020 120/13
12018 120/16
12012 120/19
11926 120/19
12010 120/22
11926 120/22
12008 120/25
11926 120/25
12006 120/28
11926 120/28
12004 120/31
11926 120/31
12566 125/11
6720 125/11
125104 125/14
6720 125/14
125106 125/17
6720 125/17
125108 125/20
6720 125/20
125110 125/23
6720 125/23
125122 125/26
6720 125/26
125120 125/29
67520 125/29
125118 125/32
961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992
M1045 19x1
C1048 3x1.5
C1049 12x1.5
223 424 425 426 427 428 429 430 431
X23 X23 X23 X23 X23 X23 X23 X23 X23
STATIC MIXER HEATING
STATIC MIXER CONNECTIONS
SAT.1 HEATING FILTER
SAT.2 HEATING FILTER
FREE
FEEDING VALBE OPEN
FEEDING VALBE OPEN
HIGH LEVEL HOMOPOL. SILO
HIGH LEVEL HOMOPOL. SILO
HIGH LEVEL RECLAIM MAT.
HIGH LEVEL RECLAIM MAT.
HIGH COPOL. SAT.1
HIGH COPOL. SAT.1
HIGH LEVEL COPOL. SAT.2
HIGH LEVEL COPOL. SAT.2
BOARD F22
LOCAL BOX F29
LOCAL BOX F26

| | | |


X12
6720 125/32
126188 126/11
6720 126/11
126158 126/14
6720 126/14
126154 126/17
6720 126/17
126122 126/20
6720 126/20
126120 126/23
6720 126/23
126116 126/26
6720 126/26
126108 126/29
6720 126/29
126104 126/32
6720 126/32
12764 127/11
N 127/11
12760 127/14
N 127/14
12756 127/17
N 127/17
12724 127/20
N 127/20
12722 127/23
N 127/23
12718 127/26
N 127/26
12710 127/29
N 127/29
12706 127/32
993
994
995
996
997
998
999
1000
1001
1002
1003
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1005
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1007
1008
1009
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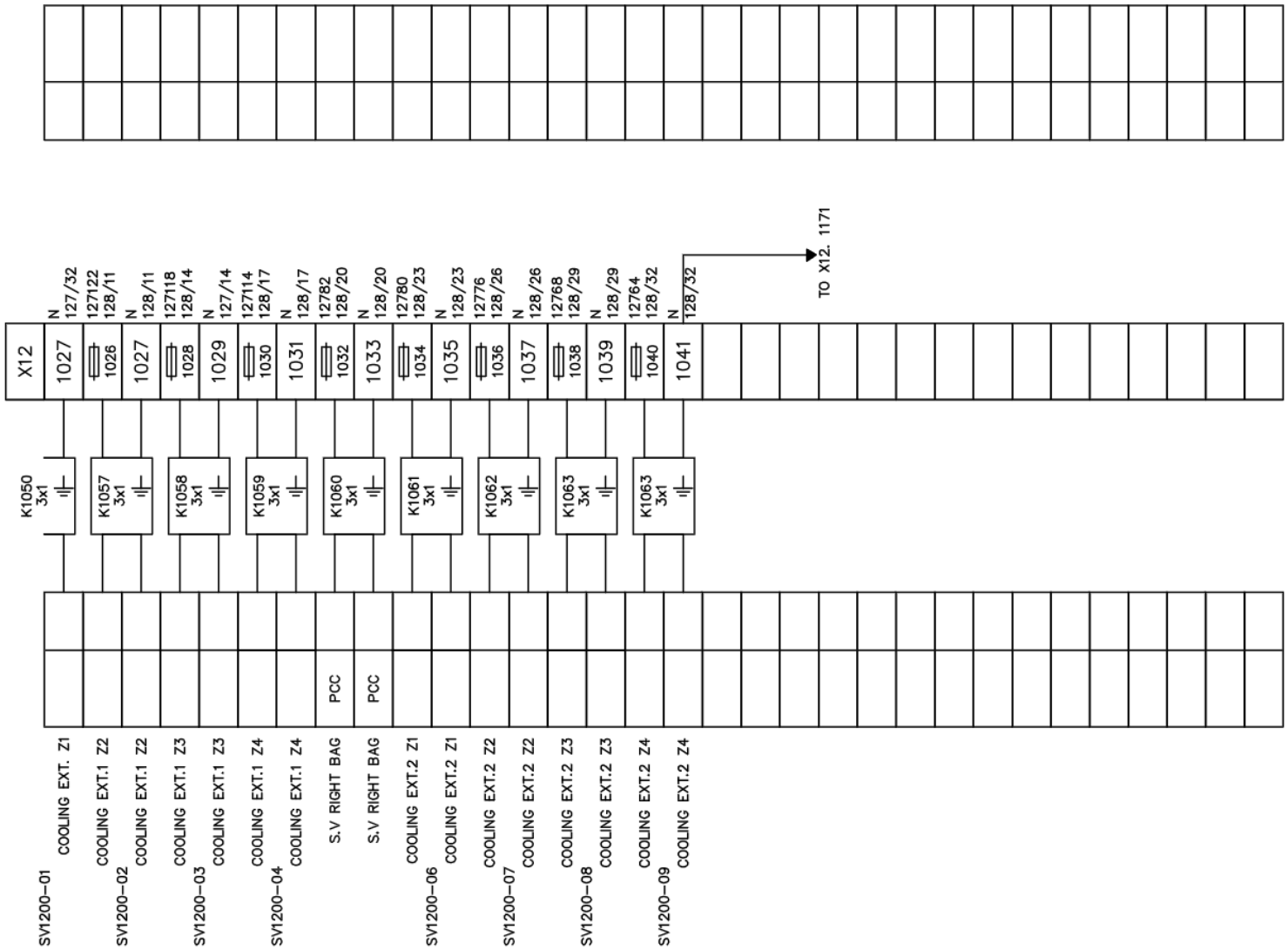
1016
1017
1018
1019
1020
1021
1022
1023
1024
K1070 5x1.5
K1071 5x1.5
K1072 5x1.5
K1073 5x1.5
K1050 3x1
K1065 3x1
K1051 3x1
K1052 3x1
K1053 3x1
K1054 3x1
K1055 3x1
K1056 3x1
11
12
13
14
C1103-01
C1103-02
C1122-01
C1122-02
PCC
FREE
REMOTE START
REMOTE STOP
FEEDING VALBE
S.V RIGHT BAG
SECONDARY MELT LINE 1 PART
SECONDARY MELT LINE 2 PART
MELT LINE SAT. EXT.1
MELT LINE SAT. EXT.2
COOL. EXT.1 FEEDING ZONE
COOLING EXT. Z1
SV1114-01
SV1240-03
SV1240-04
SV1245-01
SV1245-02
SV1200-01

| | | |



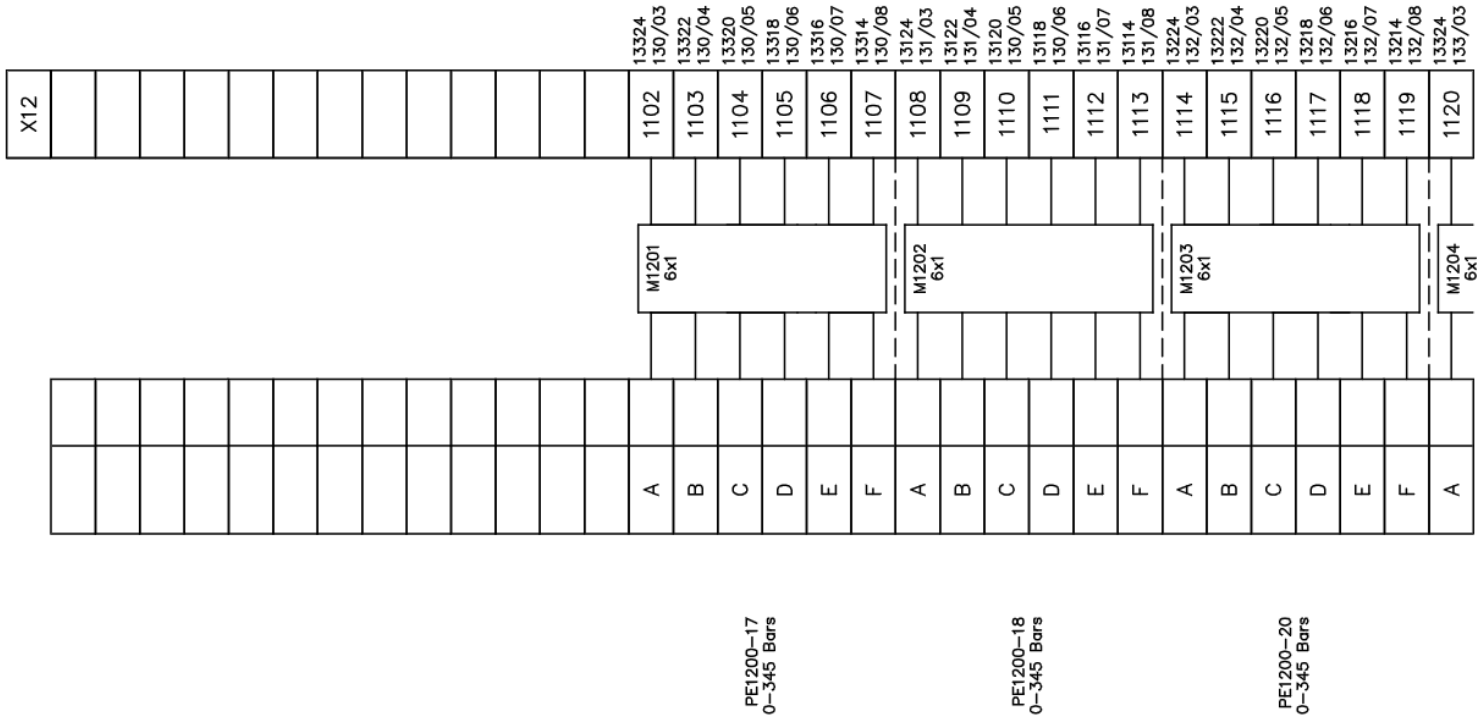
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		TERMINAL BLOCKS X12 417–448					DRAWING DESCRIPTION	KF023 F12	Page #	202			
									Total				
DRAWN BY	VICTOR WEI						DRAWING NO.		MATERIAL				
CHECKED BY	VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	12–03–2012	SCALE	NONE	UNIT	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

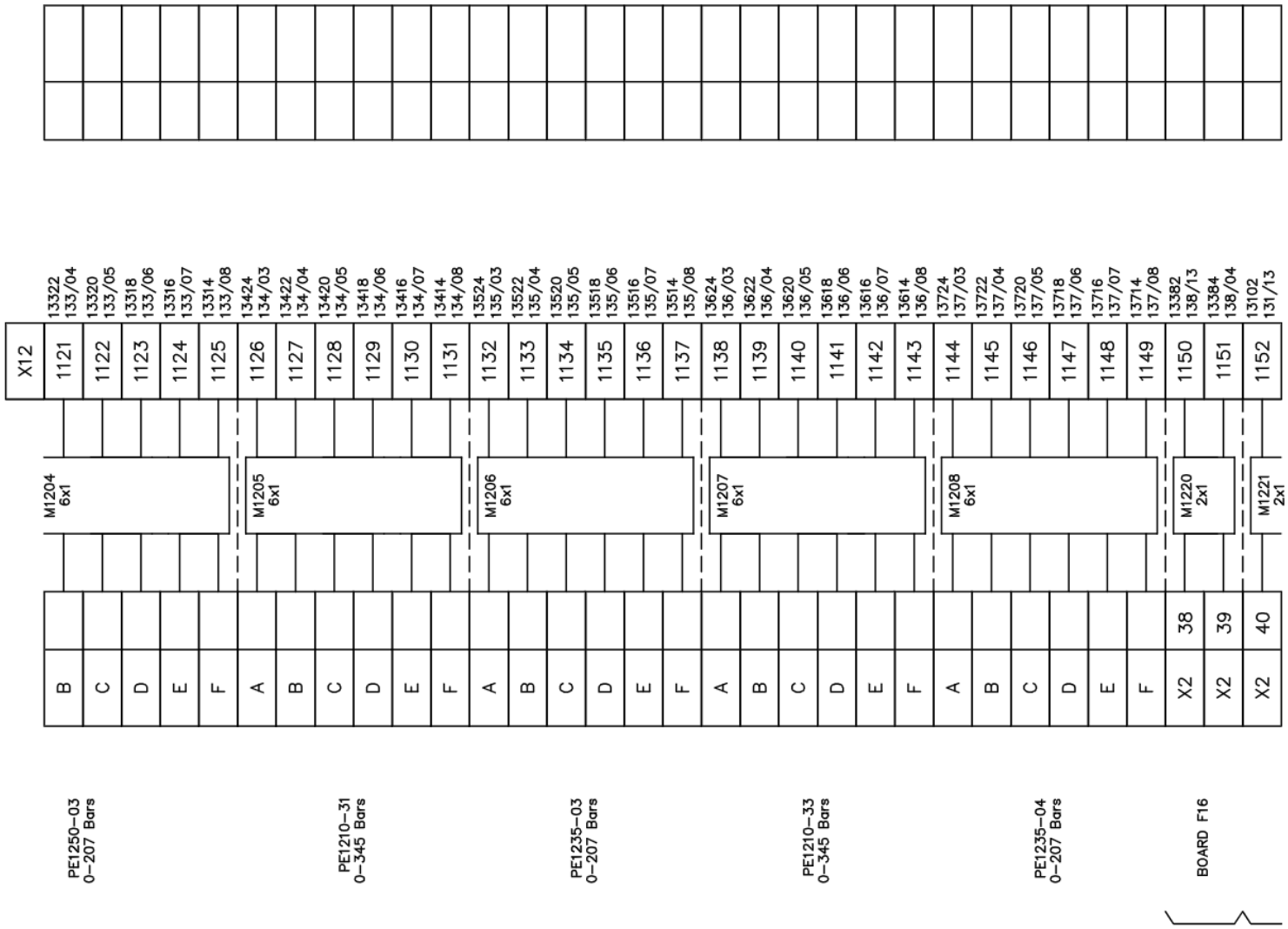
X12

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

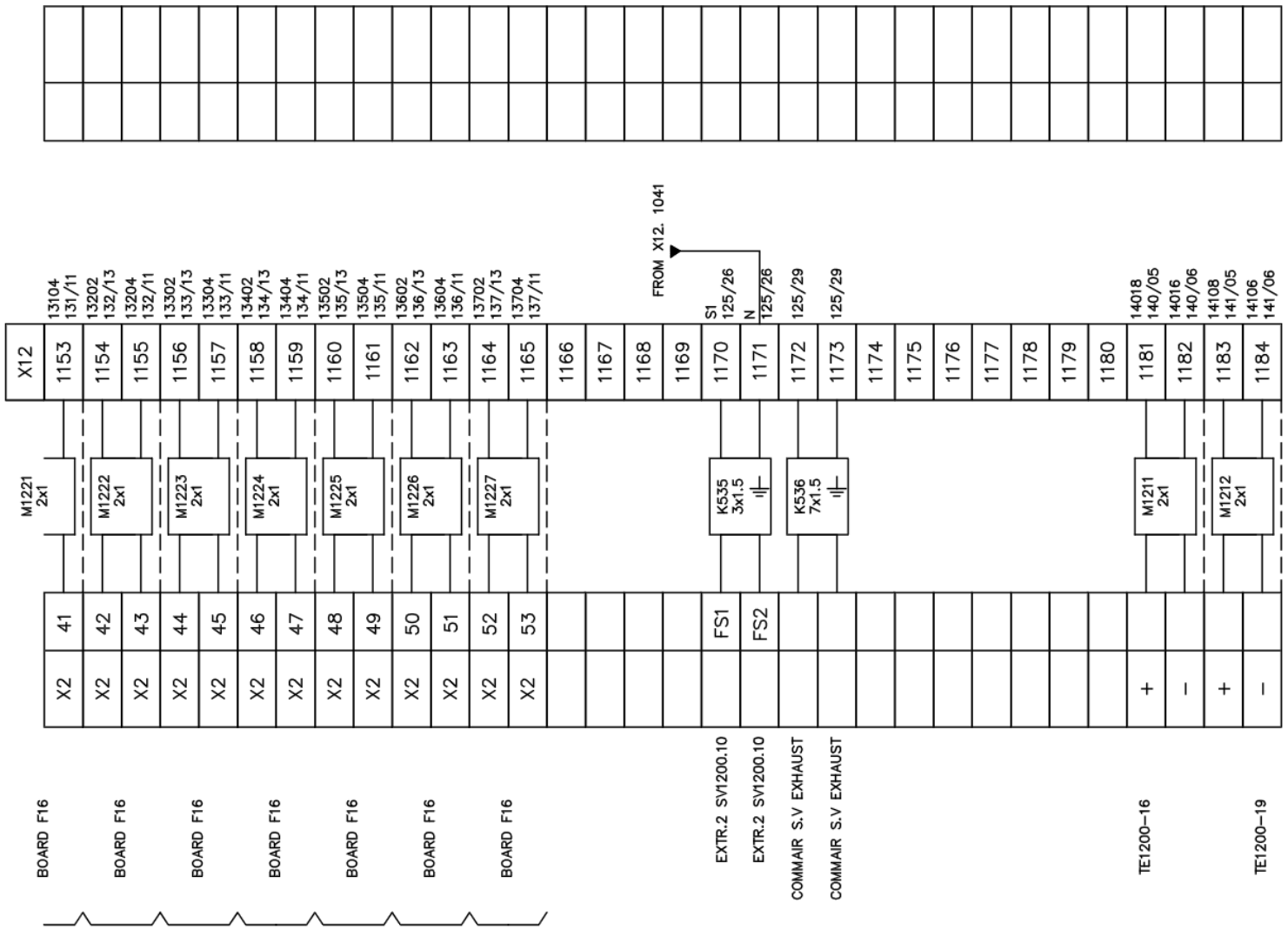
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		TERMINAL BLOCKS X12 449–480						DRAWING DESCRIPTION	KF023 F12		Page #	203			
											Total				
DRAWN BY	VICTOR WEI							DRAWING NO.			MATERIAL				
CHECKED BY	VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE		DRAWN DATE:	12–03–2012		SCALE	NONE	UNIT	MM



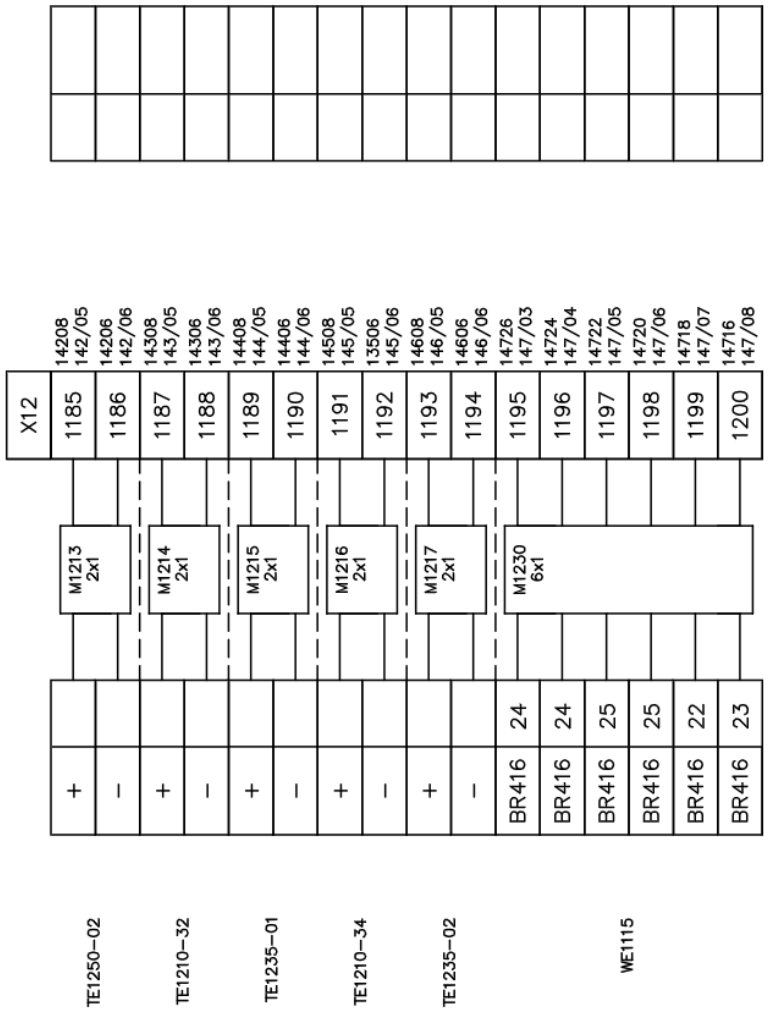
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 481–512					DRAWING DESCRIPTION	KF023 F12	Page #	204		
								Total			
DRAWN BY VICTOR WEI						DRAWING NO.		MATERIAL			
CHECKED BY VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	12–03–2012	SCALE	NONE	UNIT	MM



INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		TERMINAL BLOCKS X12 513-544					DRAWING DESCRIPTION	KF023 F12	Page #	205		
									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	SCALE	NONE	UNIT	MM



INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS X12 545−576					DRAWING DESCRIPTION	KF023 F12	Page #	206		
								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	SCALE	NONE	UNIT	MM


X12
1185
1186
1187
1188
1189
1190
1191
1192
1193
1194
1195
1196
1197
1198
1199
1200
14208 142/05
14206 142/06
14308 143/05
14306 143/06
14408 144/05
14406 144/06
14508 145/05
13506 145/06
14608 146/05
14606 146/06
14726 147/03
14724 147/04
14722 147/05
14720 147/06
14718 147/07
14716 147/08
M1213 2x1
M1214 2x1
M1215 2x1
M1216 2x1
M1217 2x1
M1230 6x1
+
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−
+
−
+
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BR416
BR416
BR416
BR416
BR416
BR416
24
24
25
25
22
23
TE1250-02
TE1210-32
TE1235-01
TE1210-34
TE1235-02
WE1115

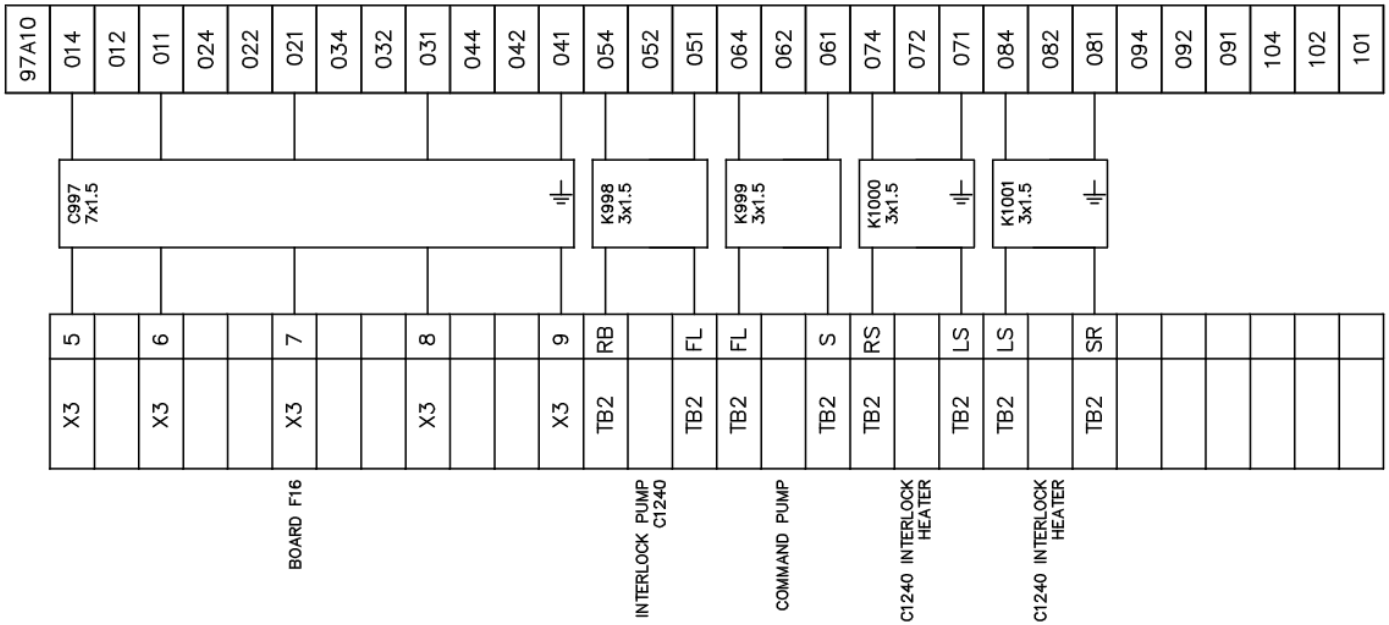
| | | |

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	
A		D	

CLIENT : F.P.C	FREE	DESSINE PAR D.P. VERIFIE PAR P.V. LE LE	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 DIVI. M/E DEPT.	TERMINAL BLOCKS F12					DRAWING DESCRIPTION	KF023 F12	Page #	209		
								Total			
DRAWN BY	VICTOR WEI					DRAWING NO.		MATERIAL			
CHECKED BY	VINCENT HUANG	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	12-04-2012	SCALE	NONE	UNIT	MM

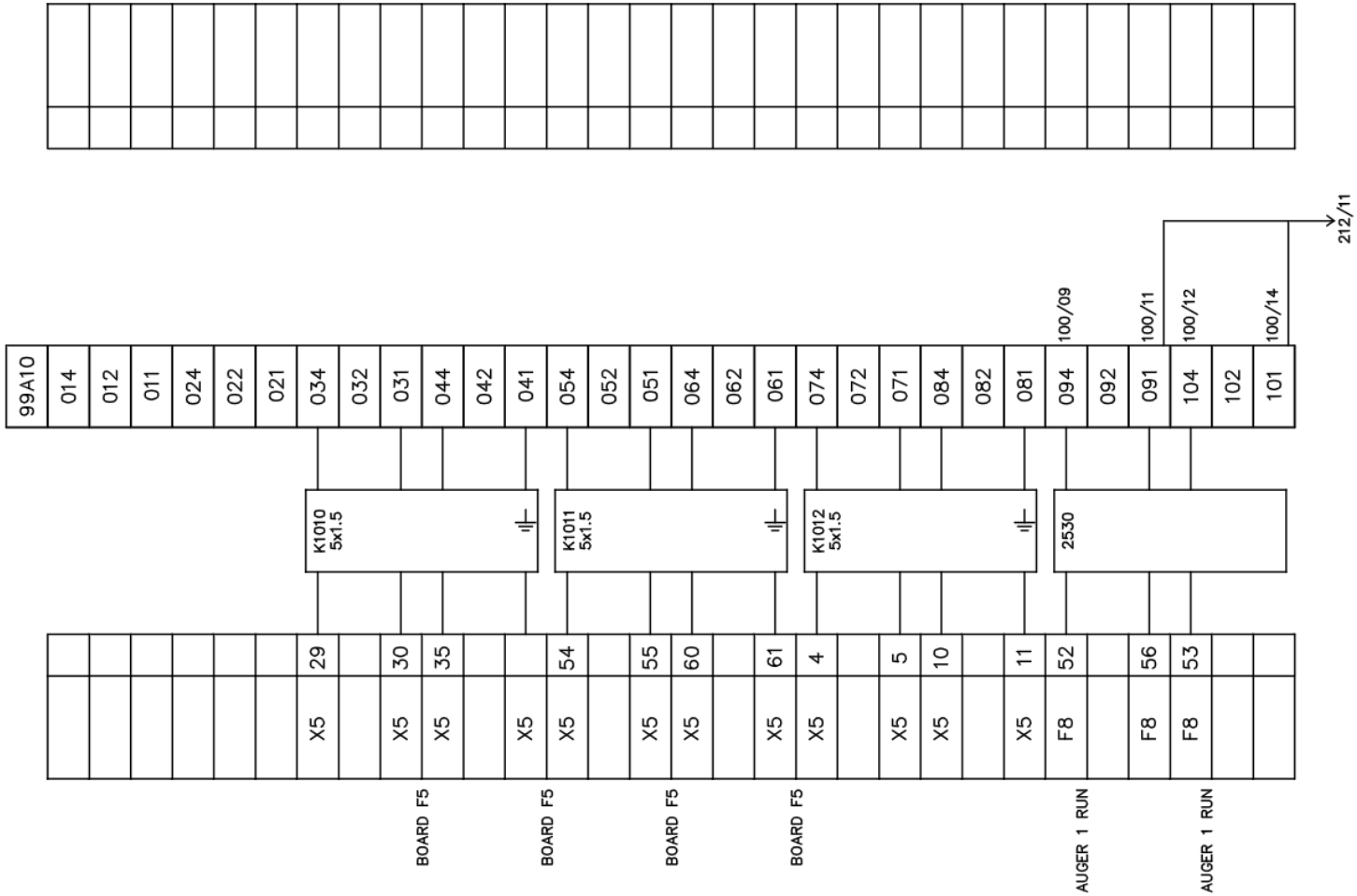
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

							23/03		23/03	23/07		23/07	23/19		23/19	23/20		23/20
97A10	114	112	111	124	122	121	134	132	131	144	142	141	154	152	151	164	162	161

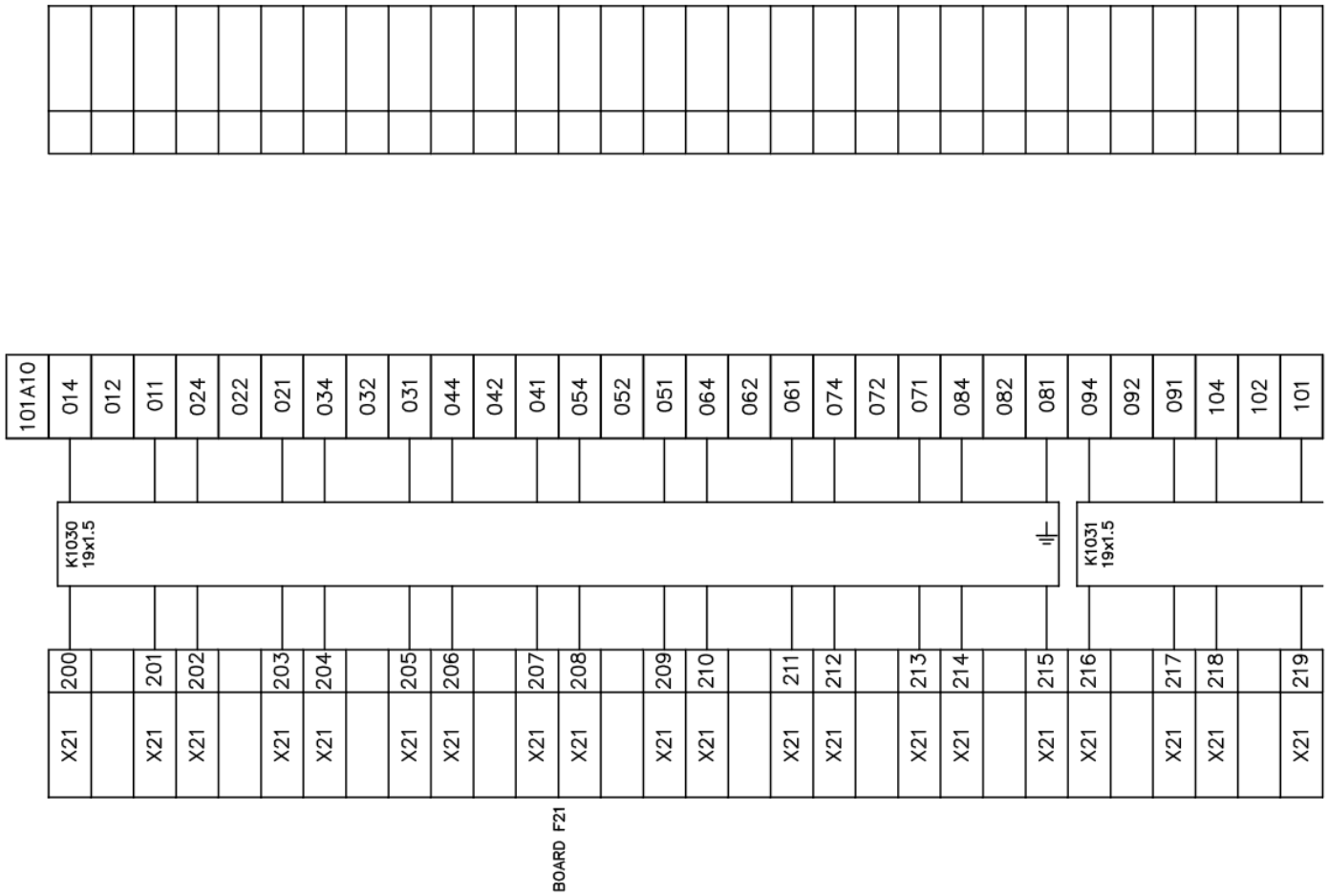
						RELEACE KLAXON		RELEACE KLAXON		ROTATING LIGTH	ROTATING LIGTH	RELEACE KLAXON		RELEACE KLAXON	RELEACE DEFECT		RELEACE DEFECT

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					DRAWING DESCRIPTION	KF023 F12	Page #	210				
								Total					
DRAWN BY	VICTOR WEI					DRAWING NO.		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 DIVI. M/E DEPT.	TERMINAL BLOCKS F12					DRAWING DESCRIPTION	KF023 F12	Page #	211		
								Total			
DRAWN BY	VICTOR WEI					DRAWING NO.		MATERIAL			
CHECKED BY	VINCENT HUANG	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	12-05-2012	SCALE	NONE	UNIT	MM



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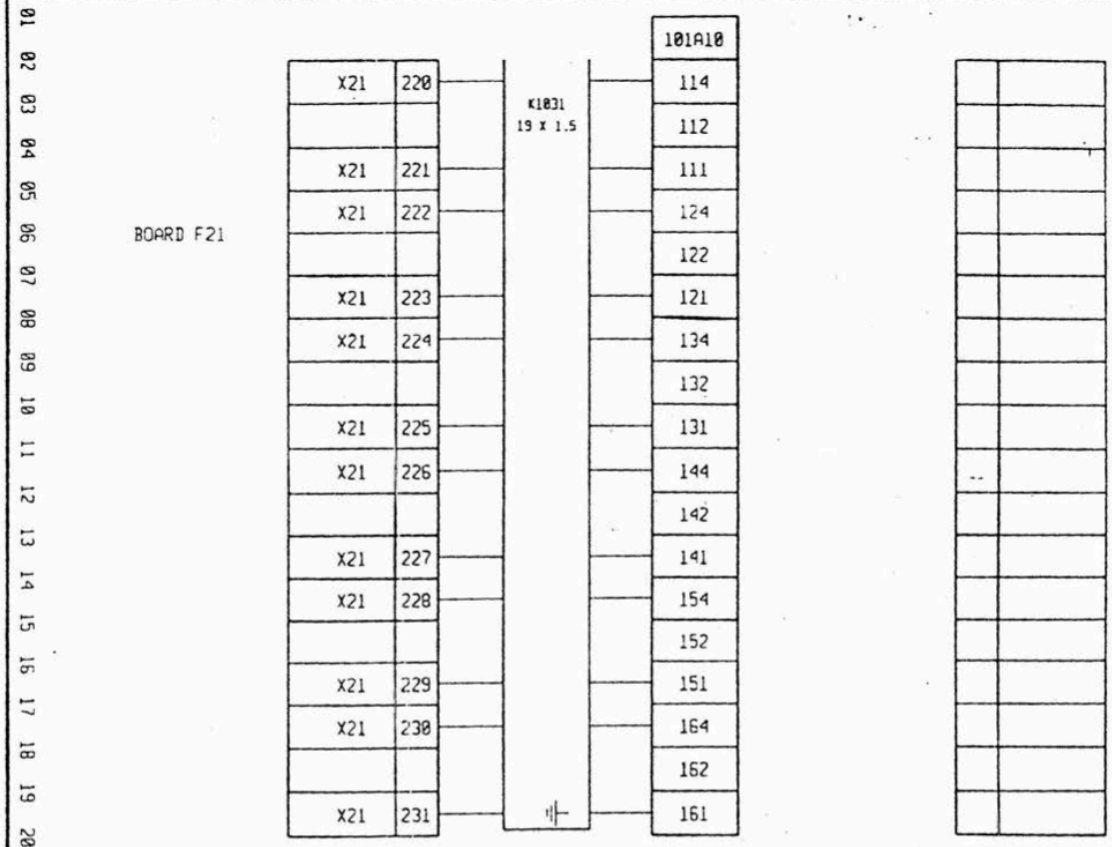
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS F12				DRAWING DESCRIPTION	KF023 F12	Page #	213			
							Total				
DRAWN BY	VICTOR WEI				DRAWING NO.		MATERIAL				
CHECKED BY	VINCENT HUANG	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	12-05-2012	SCALE	NONE	UNIT	MM



CLIENT : F.P.C	TERMINAL BLOCK F12	DESSINE PAR D.P. VERIFIE PAR P.V. LE LE	N° KF023 9012E-05	FOLIO 214

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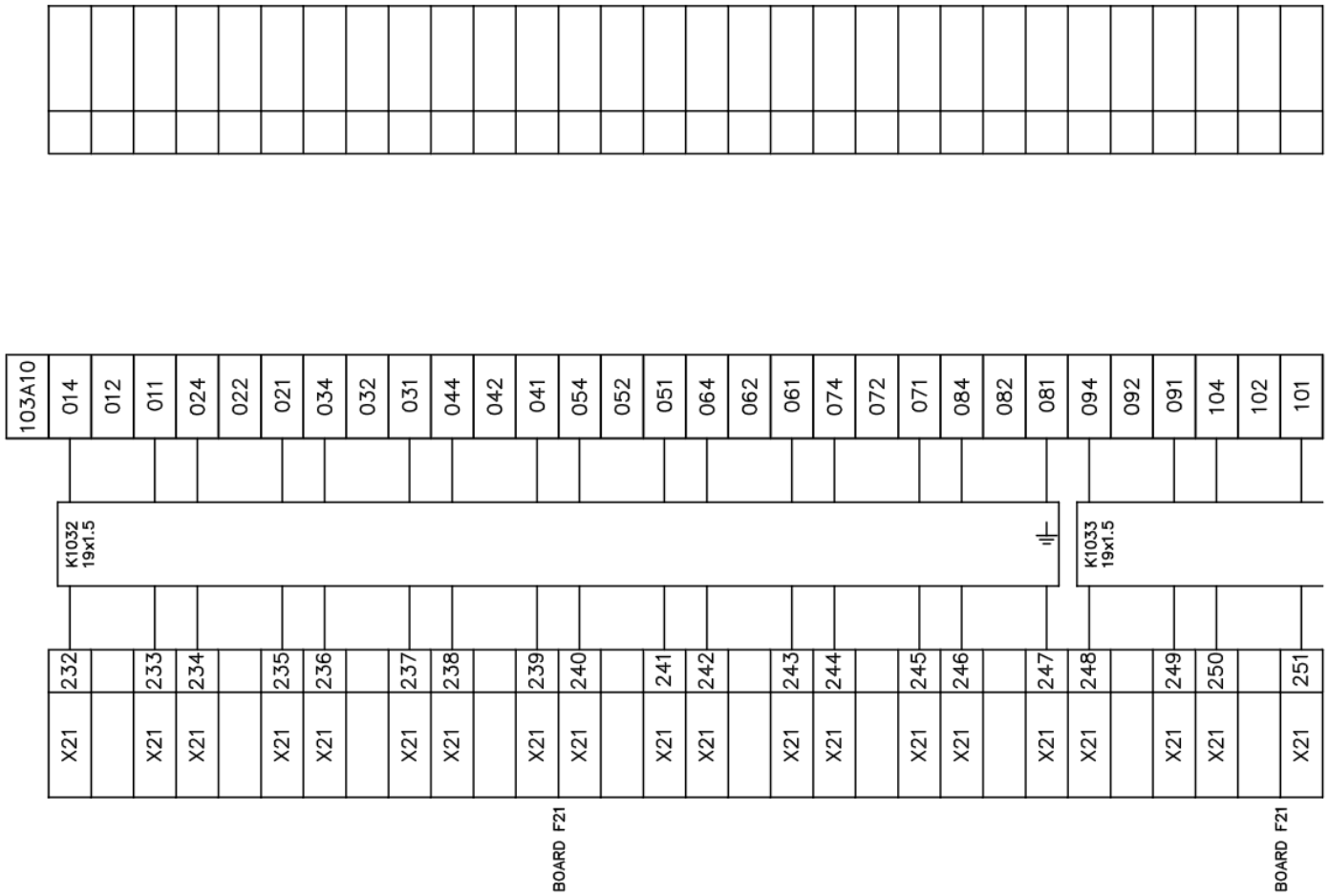
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



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INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	TERMINAL BLOCKS F12					DRAWING DESCRIPTION	KF023 F12	Page #	215				
								Total					
DRAWN BY	VICTOR WEI					DRAWING NO.		MATERIAL					
CHECKED BY	VINCENT HUANG	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	12-05-2012	SCALE	NONE	UNIT	MM		

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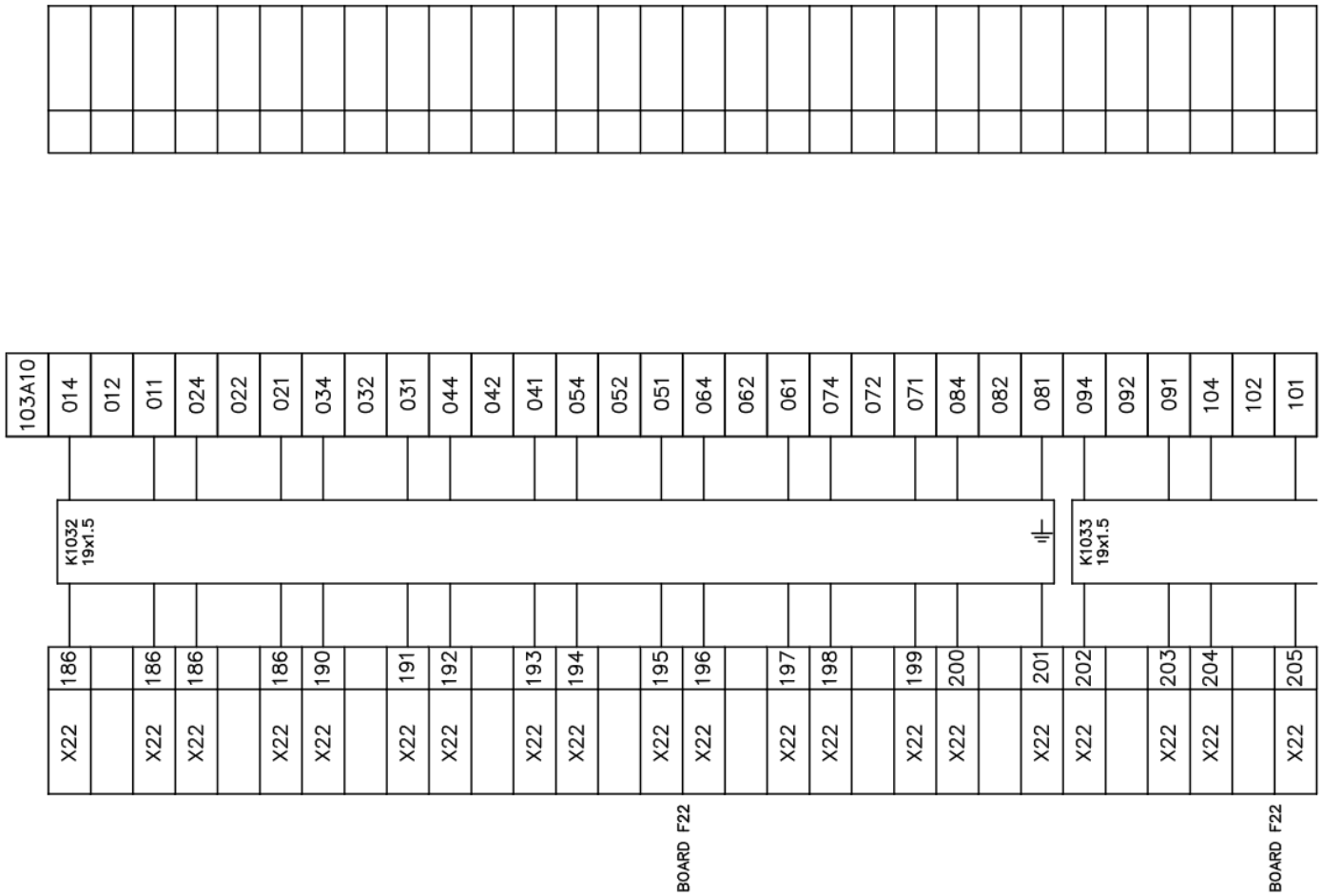


00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		TERMINAL BLOCKS F12					DRAWING DESCRIPTION	KF023 F12	Page #	217			
									Total				
DRAWN BY	VICTOR WEI						DRAWING NO.		MATERIAL				
CHECKED BY	VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	12-05-2012	SCALE	NONE	UNIT	MM	

BOARD F22

		K1035 19 X 1.5		105A10
X22	206			114
				112
X22	207			111
X22	208			124
				122
X22	209			121
X22	210			134
				132
X22	211			131
X22	212			144
				142
X22	213			141
X22	214			154
				152
X22	215			151
X22	216			164
				162
X22	217			161

CLIENT : F.P.C

cellier

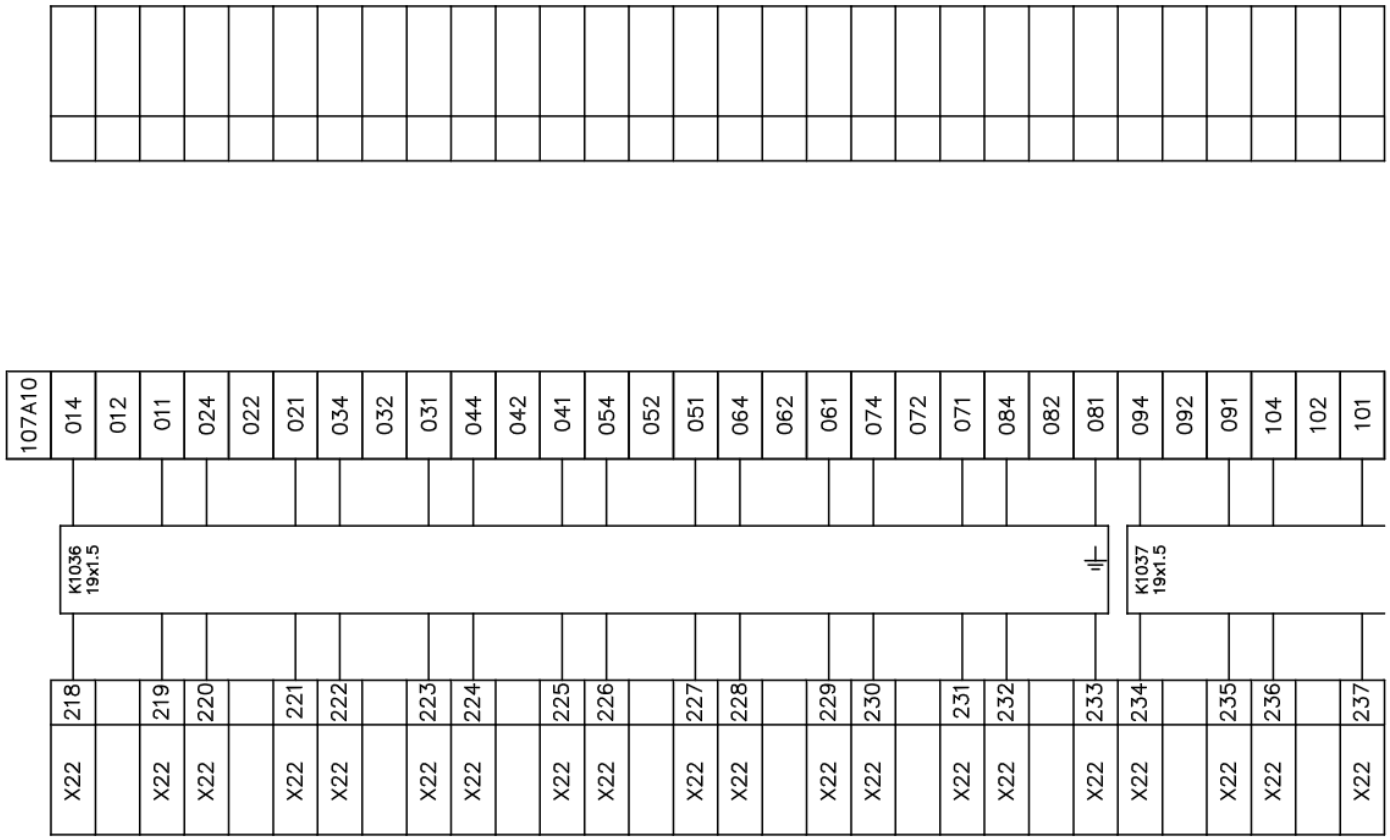
TERMINAL BLOCK F12

DESSINE PAR D.F.
VERIFIE PAR P.V.
LE
LE

N° KF023
9012E-05

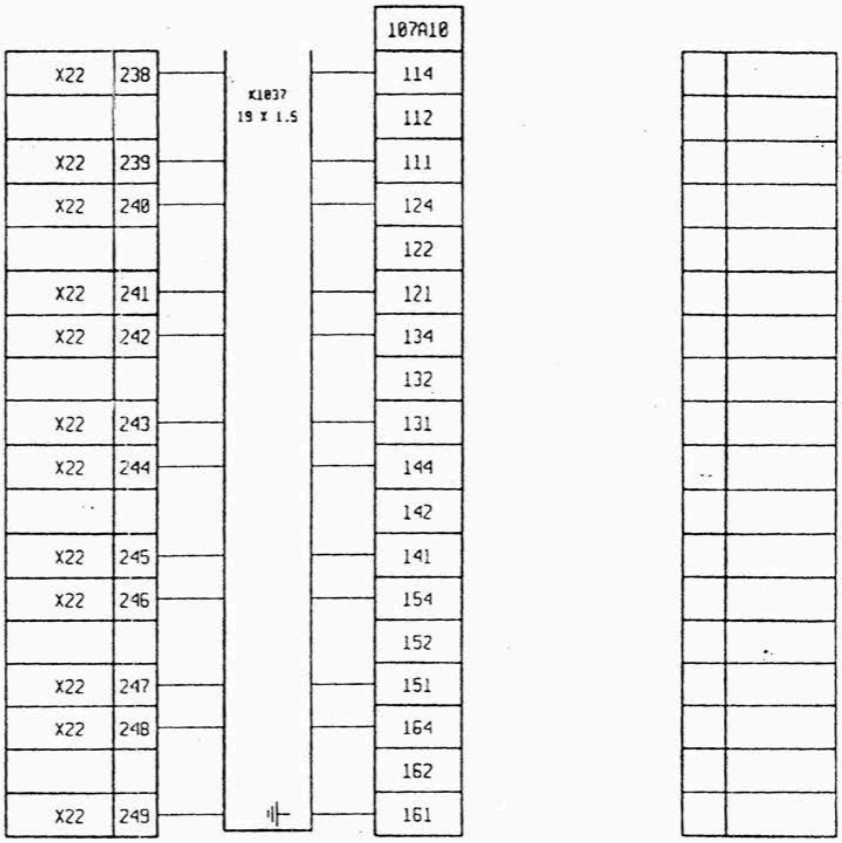
FOLIO 218

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



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

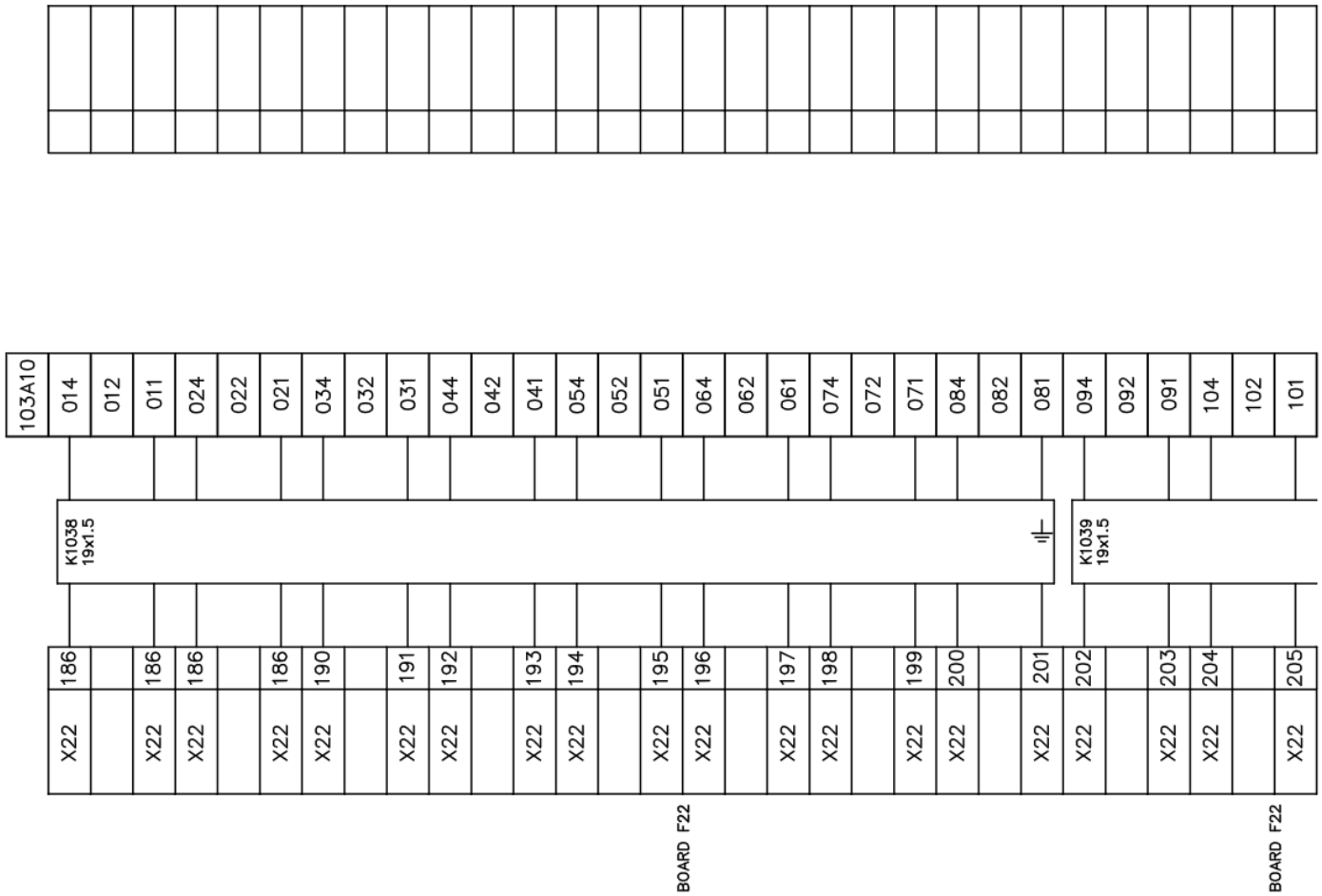
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		TERMINAL BLOCKS F12					DRAWING DESCRIPTION	KF023 F12	Page #	219			
									Total				
DRAWN BY	VICTOR WEI						DRAWING NO.		MATERIAL				
CHECKED BY	VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	12-05-2012	SCALE	NONE	UNIT	MM	



CLIENT : F.P.C	TERMINAL BLOCK F12	DESSINE PAR D.P. VERIFIE PAR P.V. LE LE	N° KF023 9012E-05	FOLIO 220

cellier

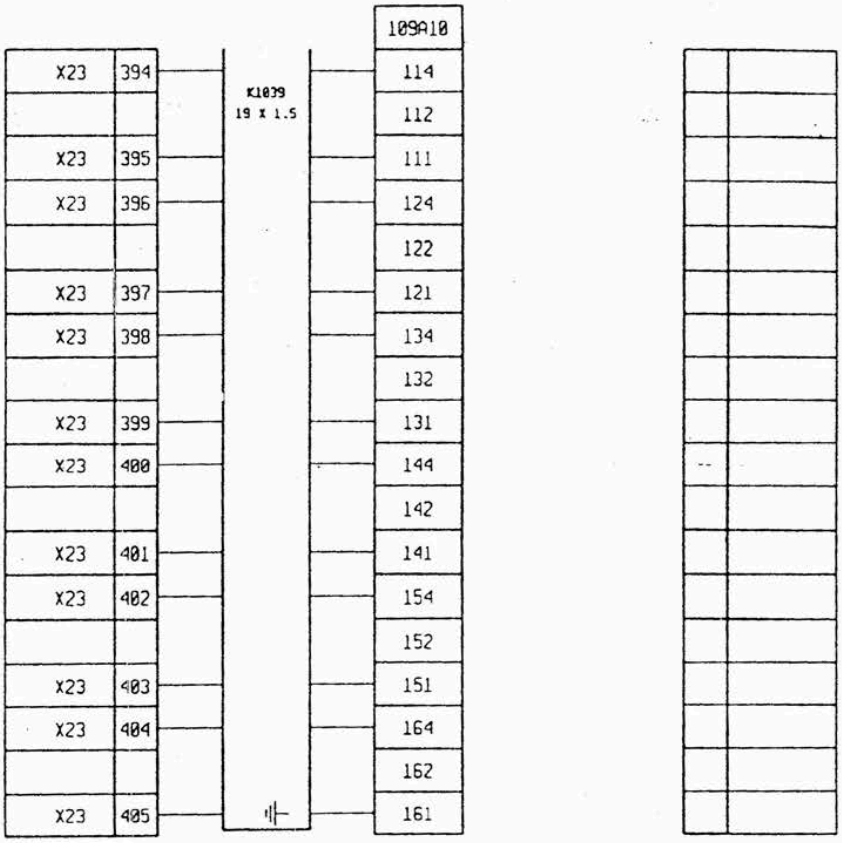
00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39



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					DRAWING DESCRIPTION	KF023 F12	Page #	221			
									Total				
DRAWN BY	VICTOR WEI						DRAWING NO.		MATERIAL				
CHECKED BY	VINCENT HUANG		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:	12-05-2012	SCALE	NONE	UNIT	MM	

BOARD F23



CLIENT : F.P.C	TERMINAL BLOCK F12
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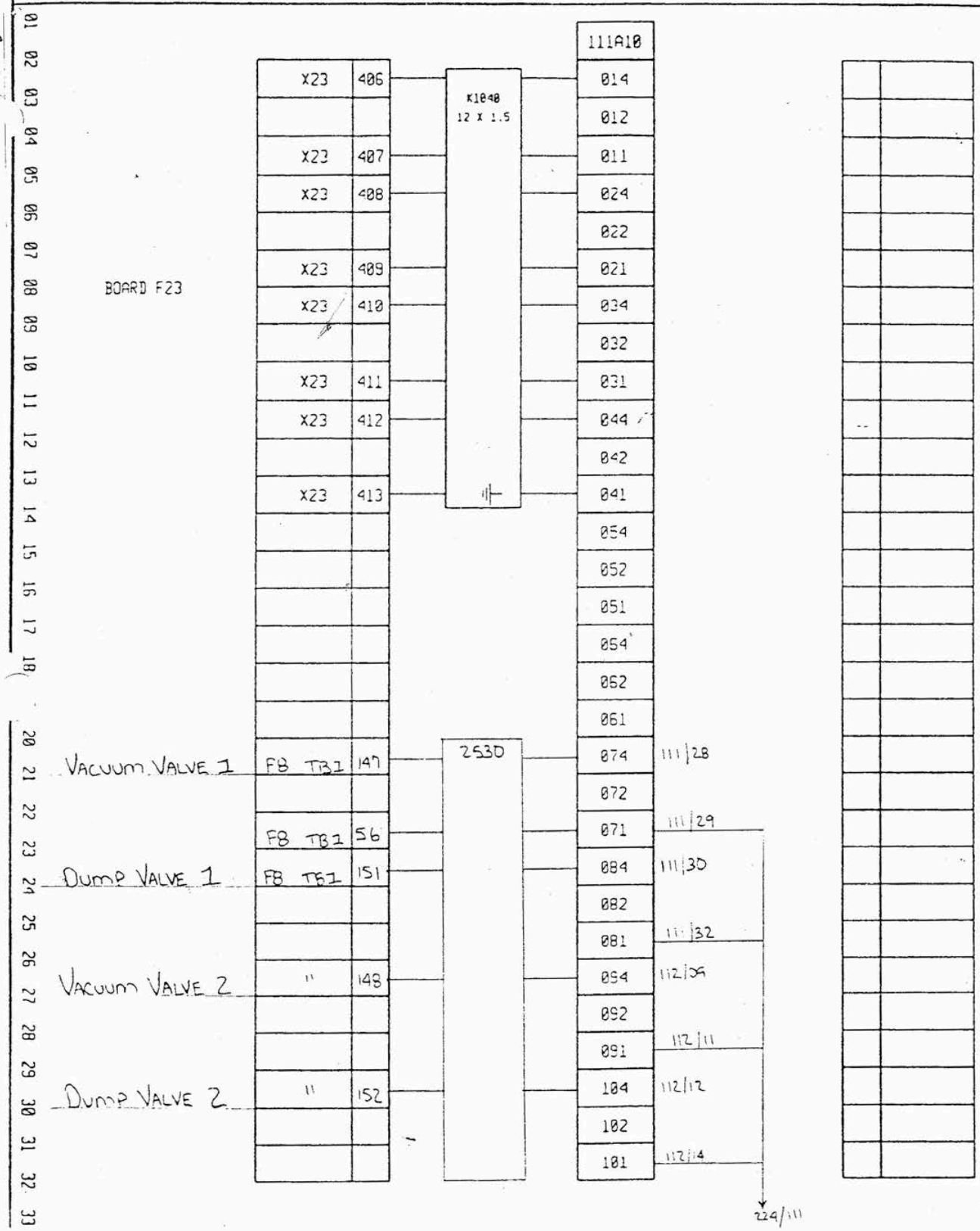
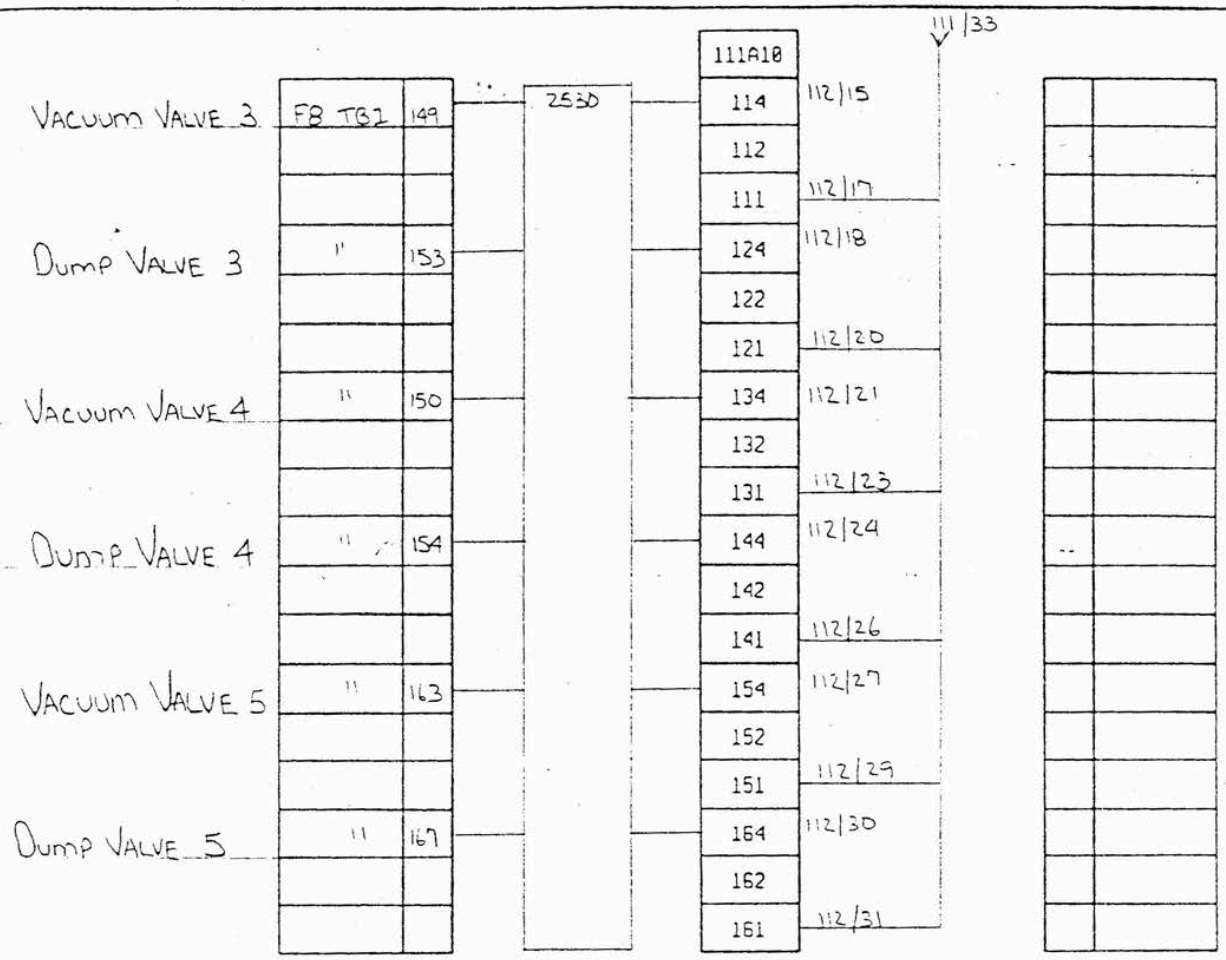
DESSINE PAR D.P.
VERIFIE PAR P.V.
LE
LE

N° KF023
9012E-05

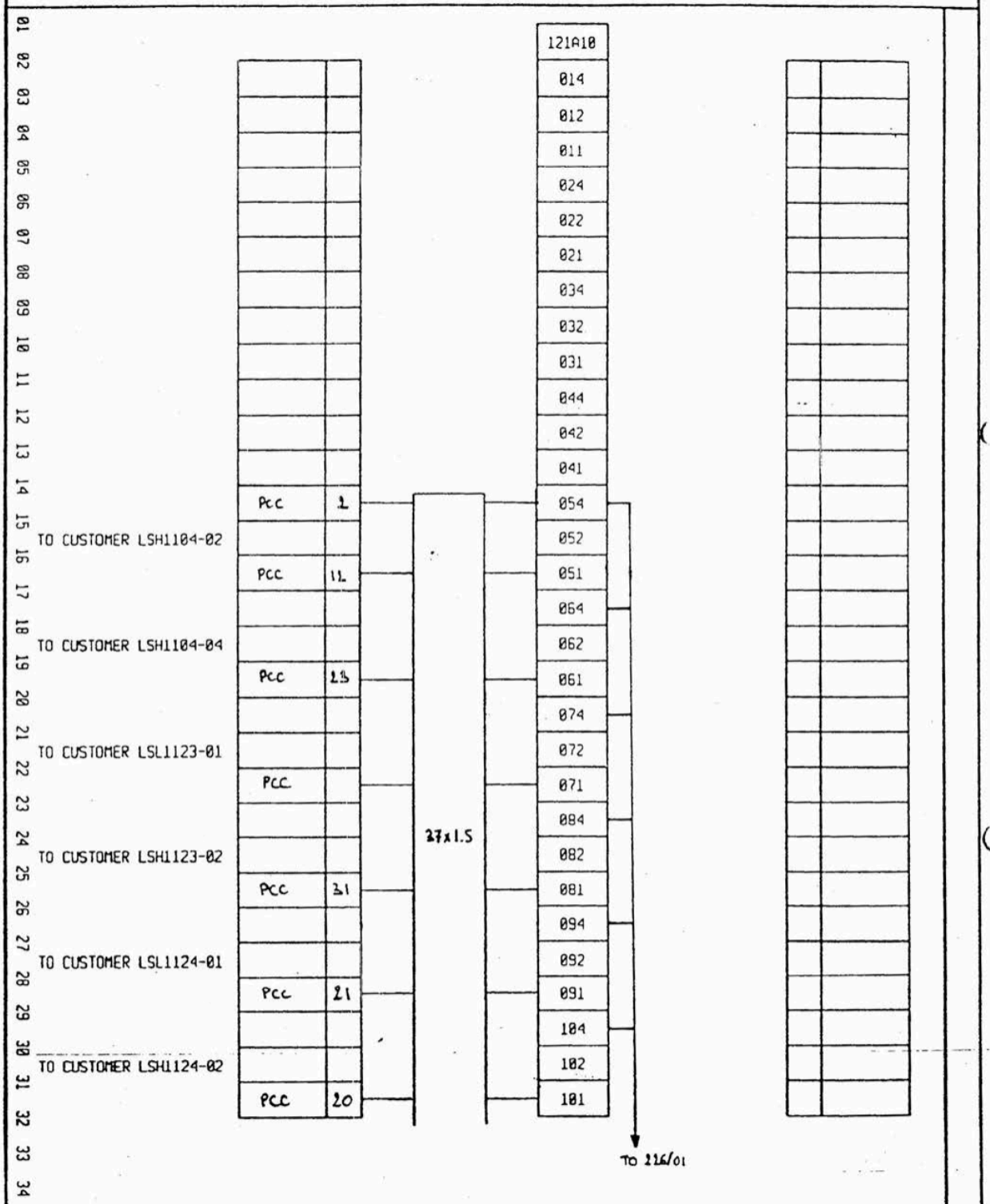
FOLIO 222



CLIENT : F.P.C	TERMINAL BLOCK F12	DESSINE PAR D.P. VERIFIE PAR P.V.	N° KF023	FOLIO 223



CLIENT : F.P.C	TERMINAL BLOCK F12	DESSINE PAR D.P. / VERIFIE PAR P.V.	N° KF823	FOLIO



C			
B	FINAL STARTUP	06/14/95	MCM
A			

CLIENT : F.P.C

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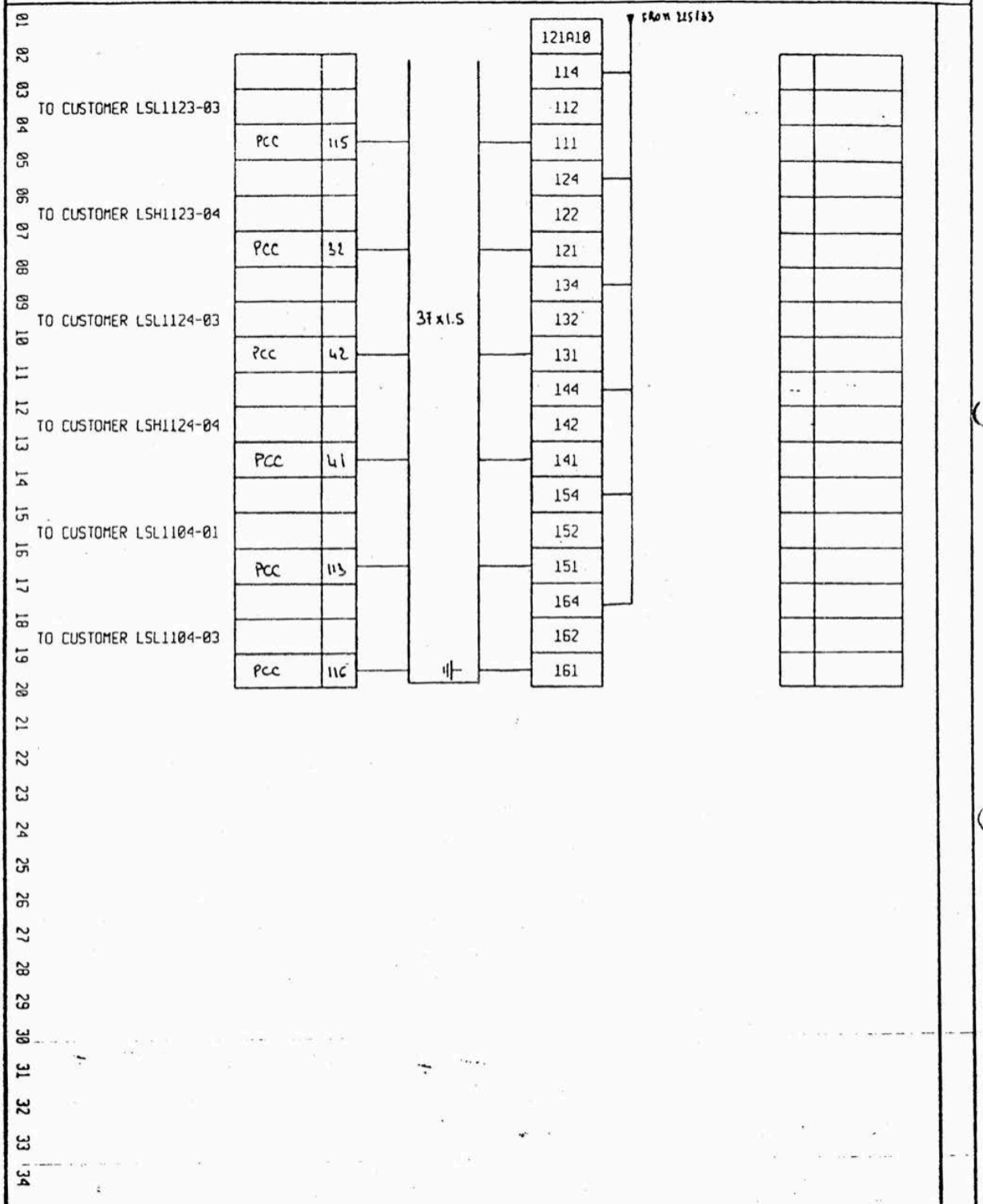
TERMINAL BLOCK F12

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

N° KF023
9012E-05

FOLIO 225



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

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01				123A10			
02				014			
03				012			
04				011			
05				024			
06				022			
07				021			
08				034			
09				032			
10				031			
11				044			
12				042			
13				041			
14				054			
15				052			
16				051			
17				064			
18				062			
19				061			
20				074			
21				072			
22				071			
23				084			
24				082			
25				081			
26				094			
27				092			
28				091			
29				104			
30				102			
31				101			
32							
33							
34							

C		F	
B		E	
A		D	

CLIENT : F.P.C	TERMINAL BLOCK F12	DESSINE PAR D.P. VERIFIE PAR P.V. LE LE	N° KF023 9012E-05	FOLIO 227

cellier

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

F E D C B A

FOLIO 230

N° KF023 F12 9012E-05

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

LIST OF EQUIPMENT

CLIENT : E.P.C

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LIST OF EQUIPMENT

MARK	QUANTITY	REFERENCE	DESIGNATION	MANUFACTURER
11Q19	1	5SX21013HQ	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 TRANSMETTER	DYNISCO

FOLIO 231

N° KF023 F12 98123-05

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

LIST OF EQUIPMENT

CLIENT : F.P.C

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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 TRANSMETTER	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 TRANSMETTER	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 TRANSMETTER	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 TRANSMETTER	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

F E A C B A

FOLIO 232

N° KF023 F12 9812E-05

DESSINE PAR P.V.
VERIFIE PAR LE
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LIST OF EQUIPMENT

CLIENT : F.P.L

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LIST OF EQUIPMENT

MARK	QUANTITY	REFERENCE	DESIGNATION	MANUFACTURER
134Q13	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
135A4	1	MPR690	PRESSURE TRANSMETTER	DYNISCO
135A11	1	VS1001	MODULE 4-20 mA	CAMILLE-BAUER
135A11	1	SINEAX_V920-11	MEASURE CONVERTER	CAMILLE-BAUER
135Q4	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
135Q13	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
136A4	1	MPR690	PRESSURE TRANSMETTER	DYNISCO
136A11	1	VS1001	MODULE 4-20 mA	CAMILLE-BAUER
136A11	1	SINEAX_V920-11	MEASURE CONVERTER	CAMILLE-BAUER
136Q4	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
136Q13	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
137A4	1	MPR690	PRESSURE TRANSMETTER	DYNISCO
137A11	1	SINEAX_V920-11	MEASURE CONVERTER	CAMILLE-BAUER
137A11	1	VS1001	MODULE 4-20 mA	CAMILLE-BAUER
137Q4	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
137Q13	1	5SX21013HG	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	5SX21013HG	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	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
142A6	1	VS1245	MODULE 0-300 Deg.C TYPE J	CAMILLE-BAUER

FOLIO 233

N° KF023 FL2 9812E-05

DESSINE PAR J.P.
VERIFIE PAR P.V.
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LIST OF EQUIPMENT

CLIENT : F.P.C.

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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_TRANSMETTER	PESAGE_PROMOTION
147Q4	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
14A3	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

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A MODIFIE 29/10/91

CLIENT : F.C.C

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LIST OF EQUIPMENT

DESSINE PAR D.P.
VERIFIE PAR P.V.
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N° KF023 F12 9812E-05

FOLIO 234

LIST OF EQUIPMENT

MARK	QUANTITY	REFERENCE	DESIGNATION	MANUFACTURER
14Q29	1	5SX21053HG	CIRCUIT BREAKER CURVE G 0.5A	SIEMENS
14Q33	1	5SX21053HG	CIRCUIT BREAKER CURVE G 0.5A	SIEMENS
15Q11	1	5SX21033HG	CIRCUIT BREAKER CURVE G 3A	SIEMENS
15Q20	1	5SX21253HG	CIRCUIT BREAKER CURVE G 25A	SIEMENS
16Q13	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
16Q15	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
16Q18	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
16Q20	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
17Q11	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
17Q18	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
17Q24	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
17Q30	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
18Q4	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
18Q8	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
18Q12	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
18Q16	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
18Q21	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
18Q25	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
18Q29	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
18Q33	1	5SX21013HG	CIRCUIT BREAKER CURVE G 1A	SIEMENS
19Q6	1	5SX21063HG	CIRCUIT BREAKER CURVE G 6A	SIEMENS
20KA19	1	LA4-DA1U	RC_FILTER	
20KA19	1	LA1-DN40	CONTACT BLOCK	TELEMECANIQUE

F E D C B A

FOLIO 235

N° KF823 F12 98123-05

DESSINE PAR J.P.
VERIFIE PAR P.V.
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LIST OF EQUIPMENT

CLIENT : F.P.C

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LIST OF EQUIPMENT

MARK	QUANTITY	REFERENCE	DESIGNATION	MANUFACTURER
20KA19	1	CA2-DN40-F7	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
97A10	1	92321672024	TERMINAL_BLOCK_16_RELAYS	LMI
99A10	1	92321672024	TERMINAL_BLOCK_16_RELAYS	LMI

FOLIO 236

N° KF823 F12 9012E-05

DESSINE PAR D.P.
VERIFIE PAR P.V.
LE
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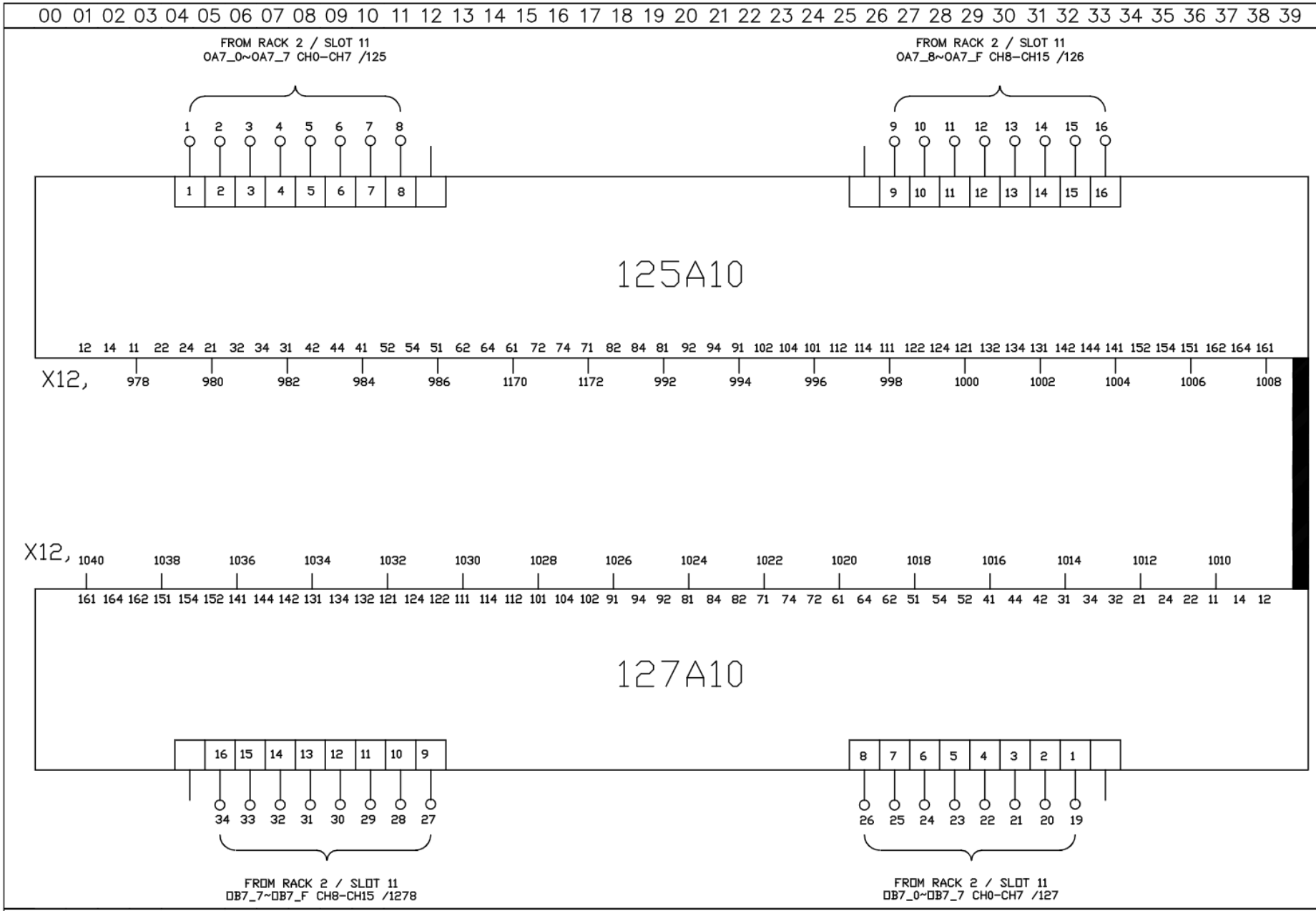
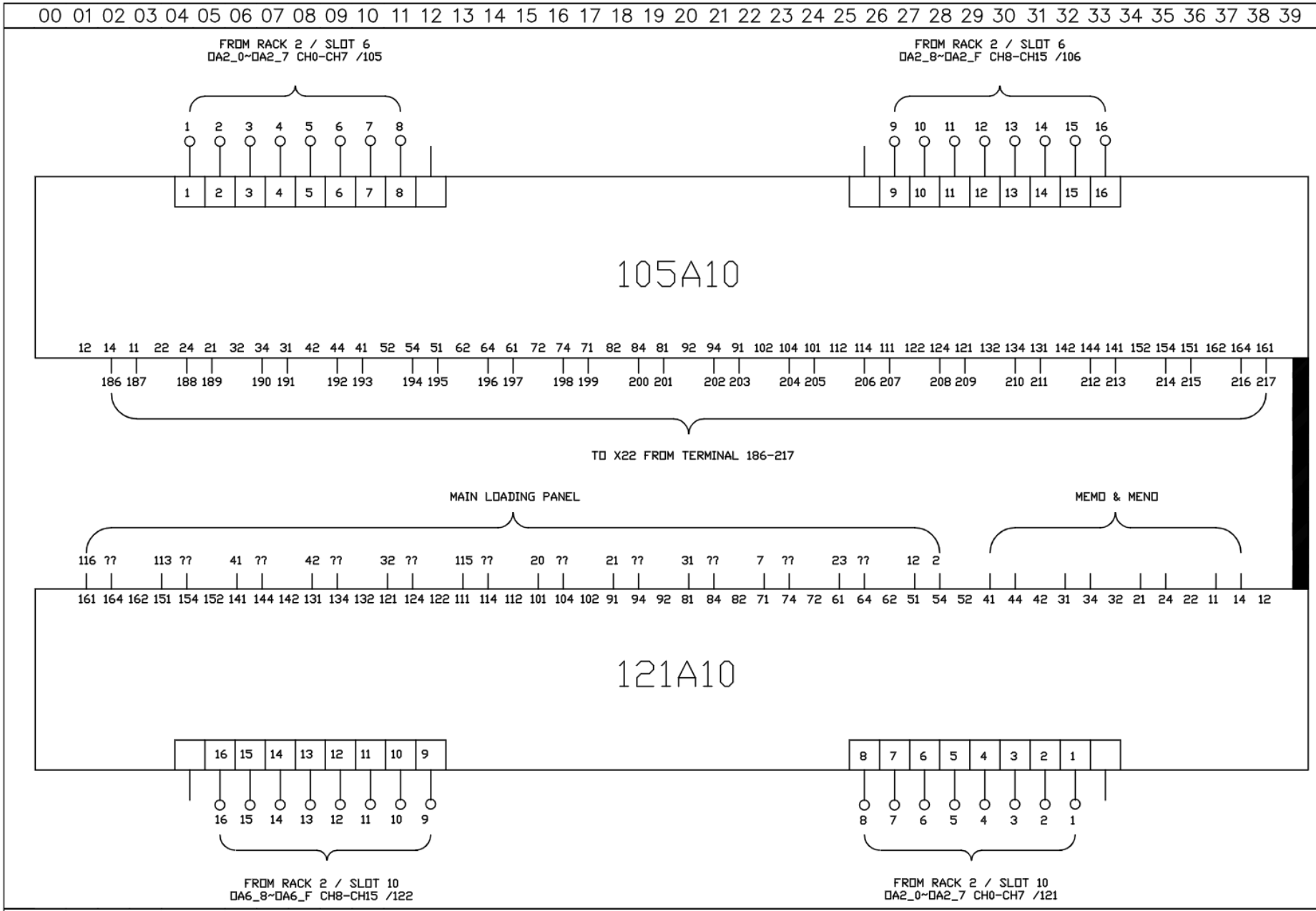
LIST OF EQUIPMENT

CLIENT : F.P.C

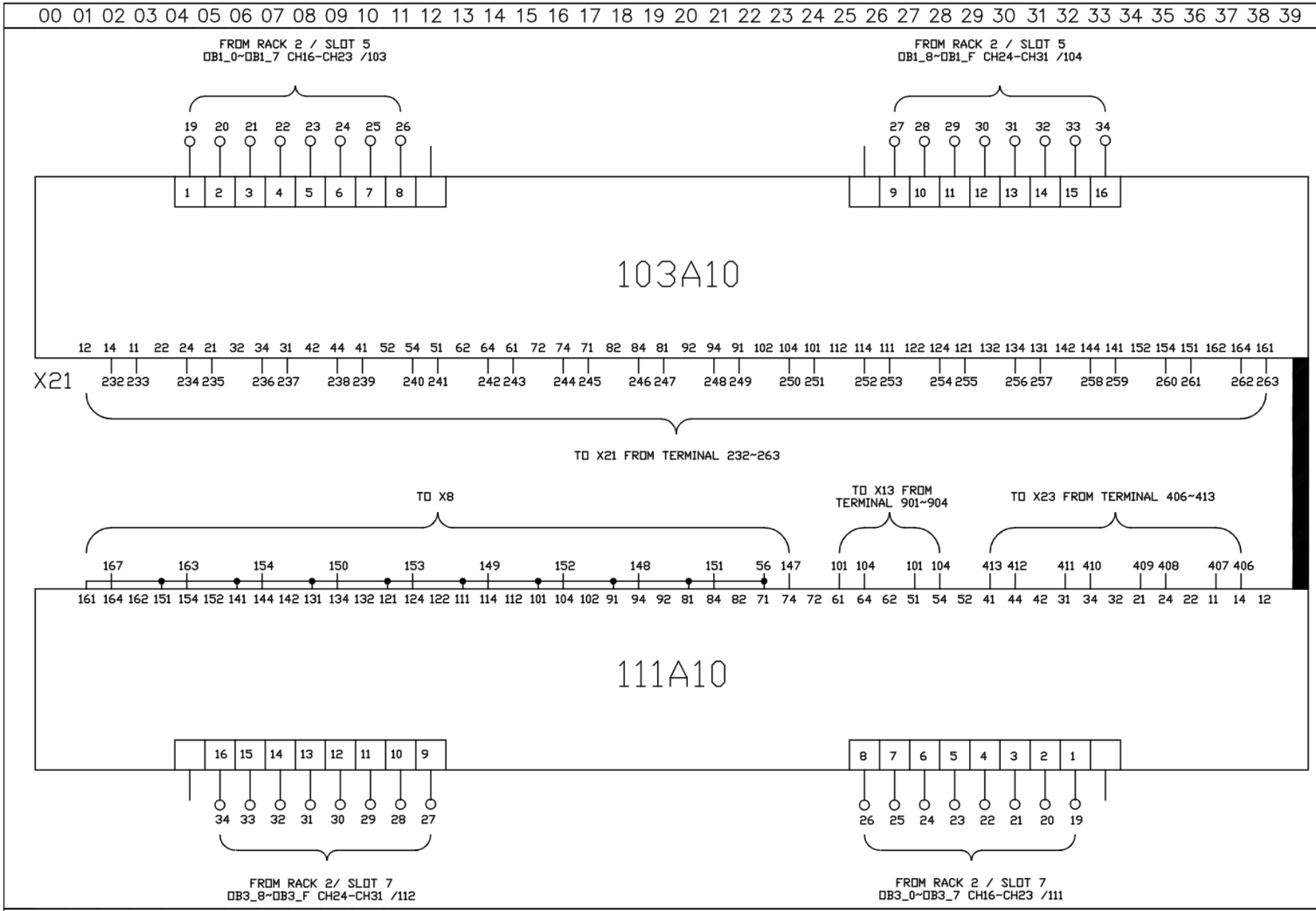
celliar



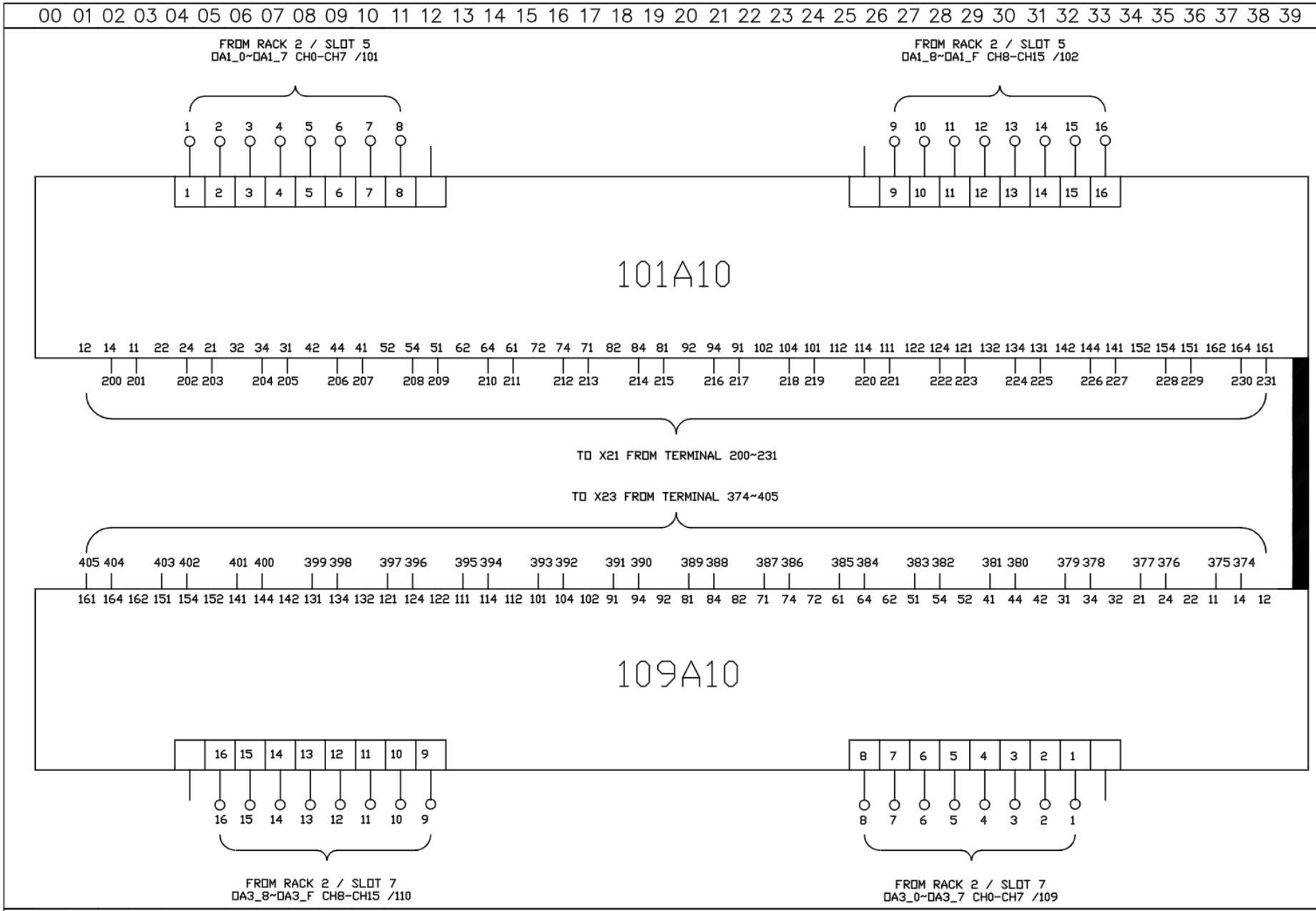
INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 DOOR 4 RELAY					DRAWING DESCRIPTION	KF023 F12		Page #	237		
										Total			
DRAWN BY	Charlie Zhang		1		Edwin Lee	06/17/20	DRAWING NO.			MATERIAL			
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:			SCALE	NONE	UNIT	MM



INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 DOOR 5 RELAY					DRAWING DESCRIPTION	KF023 F12	Page #	238		
									Total			
DRAWN BY	Rufus Huang		1		Edwin Lee	06/17/20	DRAWING NO.		MATERIAL			
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:		SCALE	NONE	UNIT	MM

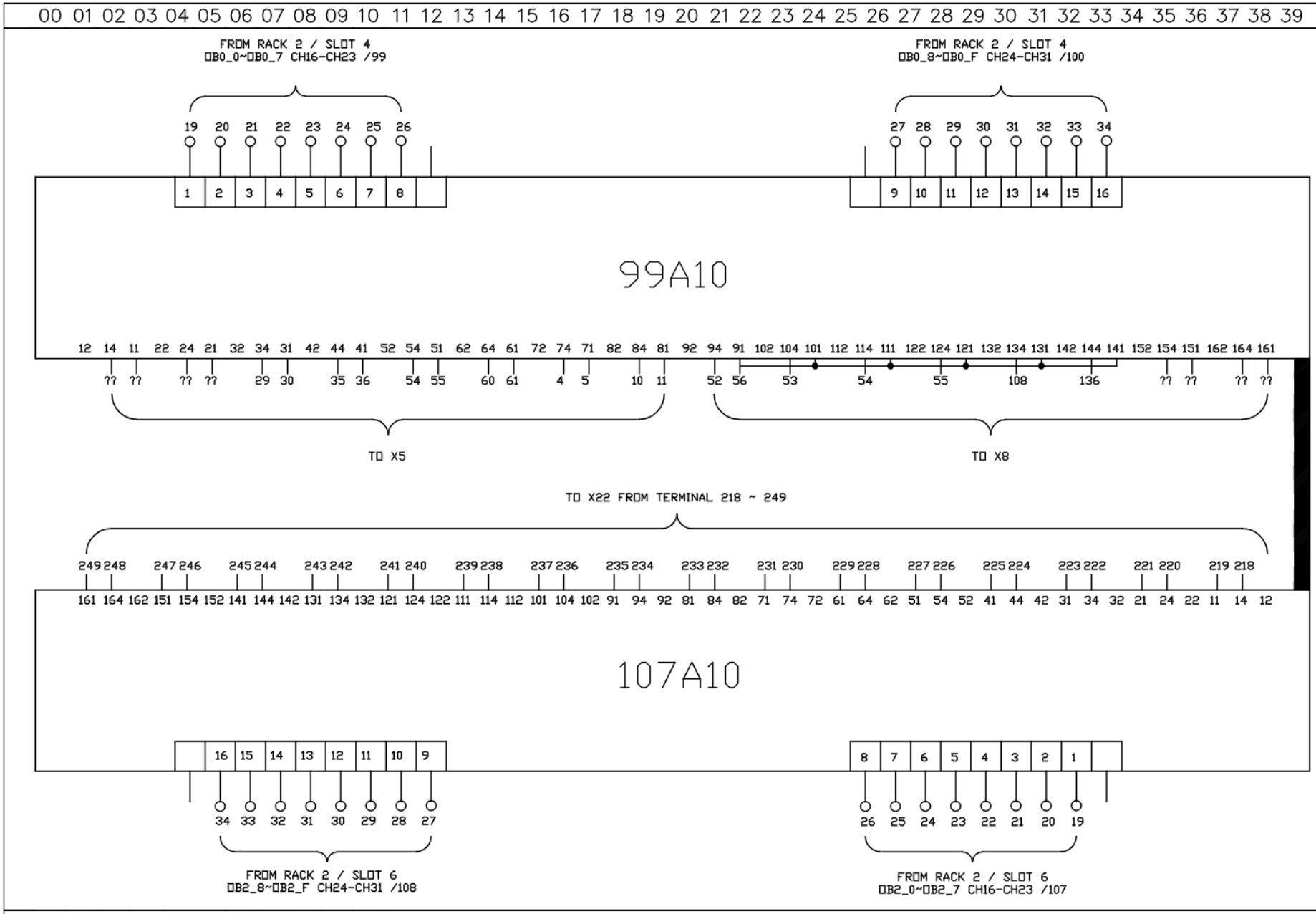


INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 DOOR 5 RELAY					DRAWING DESCRIPTION	KF023 F12		Page #	239		
										Total			
DRAWN BY	Rufus Huang		1		Edwin Lee	06/17/20	DRAWING NO.			MATERIAL			
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:			SCALE	NONE	UNIT	MM

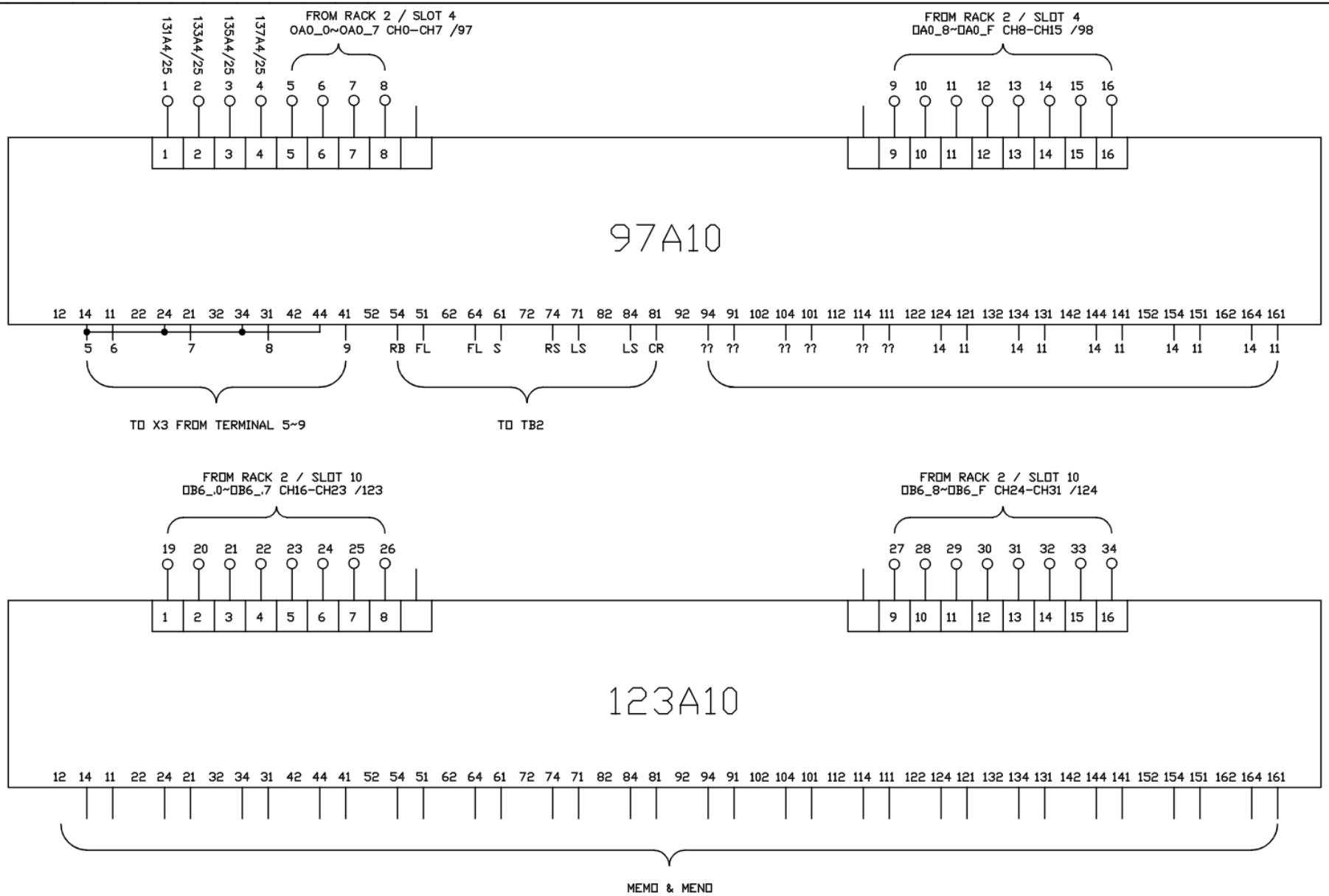


00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 DOOR 5 RELAY					DRAWING DESCRIPTION	KF023 F12	Page #	240			
									Total				
DRAWN BY	Rufus Huang		1		Edwin Lee	06/17/20	DRAWING NO.		MATERIAL				
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:		SCALE	NONE	UNIT	MM	



INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 DOOR 5 RELAY					DRAWING DESCRIPTION	KF023 F12	Page #	241			
									Total				
DRAWN BY	Rufus Huang		1		Edwin Lee	06/17/20	DRAWING NO.		MATERIAL				
CHECKED BY	JERRY WU		REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWN DATE:		SCALE	NONE	UNIT	MM	



INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		Line1 DOOR 5 RELAY					DRAWING DESCRIPTION	KF023 F12	Page #	242		
			2		Edwin Lee	06/17/20			Total			
DRAWN BY	Rufus Huang		1	Add Terminal Number	Charlie Z.	06/06/19	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

Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark
			Location	TS#	Term #	Location	TS#	Term #	
R0S2	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	"
R0S3	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	"

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: Rufus Huang
CHECKED BY: JERRY WU

WIRING LIST OF F12 AB PLC UPGRADE

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE
1	Add Terminal Number	Charlie Z.	09/28/18

DRAWING DESCRIPTION: RACK 0 SLOT 2, RACK 0 SLOT 3
DRAWING NO.
DRAWN DATE:

Page # 243
Total
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

Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark
			Location	TS#	Term #	Location	TS#	Term #	
R0S4	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	"
R0S5	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	"

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.	WIRING LIST OF F12 AB PLC UPGRADE					DRAWING DESCRIPTION	RACK 0 SLOT 4 RACK 0 SLOT 5		Page #	244			
									Total				
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	09/28/18	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

Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark
			Location	TS#	Term #	Location	TS#	Term #	
R0S6	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	"
R0S7	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

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

DRAWN BY: Rufus Huang
CHECKED BY: JERRY WU

WIRING LIST OF F12 AB PLC UPGRADE

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE
1	Add Terminal Number	Charlie Z.	09/28/18

DRAWING DESCRIPTION: RACK 0 SLOT 6, RACK 0 SLOT 7
DRAWING NO.:
DRAWN DATE:
Page # 245
Total
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

Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark
			Location	TS#	Term #	Location	TS#	Term #	
R0S8	BLK	SAT. EXT. ZONE 1	F12 / DOOR 1	X12	324	DOOR 2 / R0	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 / R0	"	2	P42-43, CH. 1
"	GRN	"	"	"	330	"	"	4	"
"	BLU	"	"	"	331	"	"	6	"
"	WHT/BLK	SAT. EXT. ZONE 3	F12 / DOOR 1	X12	332	DOOR 2 / R0	"	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 / R0	"	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 / R0	"	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 / R0	"	16	P42-43, CH. 5
"	ORG/RD	"	"	"	346	"	"	18	"
"	RD/GRN	"	"	"	347	"	"	20	"
R0S9	BLK	SAT. EXT. ZONE 7	F12 / DOOR 1	X12	348	DOOR 2 / R0	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 / R0	"	2	P43-44, CH. 1
"	GRN	"	"	"	354	"	"	4	"
"	BLU	"	"	"	355	"	"	6	"
"	WHT/BLK	SAT. EXT. 1 FILTER	F12 / DOOR 1	X12	356	DOOR 2 / R0	"	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 / R0	"	8	P43-44, CH. 3
"	ORG/BLK	"	"	"	362	"	"	10	"
"	BLK/WHT	"	"	"	363	"	"	12	"
"	BLU/WHT	FREE	F12 / DOOR 1	X12	364	DOOR 2 / R0	"	15	P43-44, CH. 4
"	WHT/RD	"	"	"	366	"	"	17	"
"	BLU/RD	"	"	"	367	"	"	19	"
"	BLK/RD	FREE	F12 / DOOR 1	X12	368	DOOR 2 / R0	"	16	P43-44, CH. 5
"	ORG/RD	"	"	"	370	"	"	18	"
"	RD/GRN	"	"	"	371	"	"	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

INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.	WIRING LIST OF F12 AB PLC UPGRADE					DRAWING DESCRIPTION	RACK 0 SLOT 8 RACK 0 SLOT 9	Page #	246				
								Total					
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	09/28/18	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

Cable Number	Wire Color	Wire Description	Cable Termination (From)			Cable Termination (To)			Remark
			Location	TS#	Term #	Location	TS#	Term #	
R0S10	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	"
R0S11	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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INTEPLAST GROUP, Ltd.
AMTOPP DIVI. M/E DEPT.

DRAWN BY: Rufus Huang
CHECKED BY: JERRY WU

WIRING LIST OF F12 AB PLC UPGRADE

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE
1	Add Terminal Number	Charlie Z.	09/28/18

DRAWING DESCRIPTION: RACK 1 SLOT 10, RACK 1 SLOT 11
DRAWING NO.:
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

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	"

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

WIRING LIST OF F12 AB PLC UPGRADE

						DRAWING DESCRIPTION	RACK 1 SLOT 1		Page #	248		
									Total			
DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	09/28/18	DRAWING NO.			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 #	
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	"

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

DRAWN BY: Rufus Huang
CHECKED BY: JERRY WU

WIRING LIST OF F12 AB PLC UPGRADE

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE
1	Add Terminal Number	Charlie Z.	10/01/18

DRAWING DESCRIPTION: RACK 1 SLOT 2
DRAWING NO.
DRAWN DATE:
Page # 249
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MATERIAL
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 #	
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 DIVI. M/E DEPT.

WIRING LIST OF F12 AB PLC UPGRADE

						DRAWING DESCRIPTION	RACK 1 SLOT 3	Page #	250
								Total	
1	Add Terminal Number	Charlie Z.	10/01/18			DRAWING NO.		MATERIAL	
REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE			DRAWN DATE:		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 #	
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	"

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

DRAWN BY: Rufus Huang
CHECKED BY: JERRY WU

WIRING LIST OF F12 AB PLC UPGRADE

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE
1	Add Terminal Number	Charlie Z.	10/04/18

DRAWING DESCRIPTION: RACK 1 SLOT 4, RACK 1 SLOT 5, RACK 1 SLOT 6, RACK 1 SLOT 7
DRAWING NO.
DRAWN DATE:

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Total
MATERIAL
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 #	
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 DIVI. M/E DEPT.

DRAWN BY: Rufus Huang
CHECKED BY: JERRY WU

WIRING LIST OF F12 AB PLC UPGRADE

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE
1	Add Terminal Number	Charlie Z.	10/04/18

DRAWING DESCRIPTION: RACK 1 SLOT 8
DRAWING NO.
DRAWN DATE:

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Total
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

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

DRAWN BY Rufus Huang
CHECKED BY JERRY WU

WIRING LIST OF F12 AB PLC UPGRADE

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE
1	Add Terminal Number	Charlie Z.	10/04/18

DRAWING DESCRIPTION: RACK 1 SLOT 9
DRAWING NO.
DRAWN DATE:

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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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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	HYORAULIC 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 DIVI. M/E DEPT.

DRAWN BY Rufus Huang
CHECKED BY JERRY WU

WIRING LIST OF F12 AB PLC UPGRADE

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

DRAWING DESCRIPTION: RACK 1 SLOT 11
DRAWING NO.
DRAWN DATE:

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MATERIAL
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 #	
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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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 #	
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 DIVI. M/E DEPT.

DRAWN BY: Rufus Huang
CHECKED BY: JERRY WU

WIRING LIST OF F12 AB PLC UPGRADE

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE
1	Add Terminal Number	Charlie Z.	10/11/18

DRAWING DESCRIPTION: RACK 2 SLOT 2
DRAWING NO.
DRAWN DATE:
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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

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

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INTEPLAST GROUP, Ltd. AMTOPP DIVI. M/E DEPT.		WIRING LIST OF F12 AB PLC UPGRADE					DRAWING DESCRIPTION	RACK 2 SLOT 3	Page #	258			
									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	

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

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

WIRING LIST OF F12 AB PLC UPGRADE

DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	10/09/18	DRAWING DESCRIPTION	RACK 2 SLOT 4	Page #	259
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWING NO.		Total	
						DRAWN DATE:		MATERIAL	
								SCALE NONE	UNIT MM

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

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

WIRING LIST OF F12 AB PLC UPGRADE

DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	10/09/18	DRAWING DESCRIPTION	RACK 2 SLOT 5	Page #	260
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWING NO.		Total	
						DRAWN DATE:		MATERIAL	
								SCALE NONE	UNIT MM

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

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

WIRING LIST OF F12 AB PLC UPGRADE

DRAWN BY	Rufus Huang	1	Add Terminal Number	Charlie Z.	10/11/18	DRAWING DESCRIPTION	RACK 2 SLOT 6	Page #	261		
CHECKED BY	JERRY WU	REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE	DRAWING NO.		Total			
						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

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

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

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 #	
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

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.

WIRING LIST OF F12 AB PLC UPGRADE

								DRAWING DESCRIPTION	RACK 2 SLOT 8	Page #	263		
										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

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 XE0	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

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: Rufus Huang
CHECKED BY: JERRY WU

WIRING LIST OF F12 AB PLC UPGRADE

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE
1	Add Terminal Number	Charlie Z.	10/10/18

DRAWING DESCRIPTION: RACK 2 SLOT 9
DRAWING NO.:
DRAWN DATE:

Page # 264
Total
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

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	HOMOPLYMER 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	COPOYMER SILO DRYER	F12 / DOOR 5	121A10	11	"	"	11	P122, CH. 10
"	BLK/WHT	COPOYMER 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	HOMOPLYMER 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.
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WIRING LIST OF F12 AB PLC UPGRADE

DRAWN BY	Rufus Huang					DRAWING DESCRIPTION	RACK 2 SLOT 10	Page #	265		
CHECKED BY	JERRY WU							Total			
		1	Add Terminal Number	Charlie Z.	10/15/18	DRAWING NO.		MATERIAL			
		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 #	
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

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

DRAWN BY Rufus Huang
CHECKED BY JERRY WU

WIRING LIST OF F12 AB PLC UPGRADE

REV. NO	REV. DESCRIPTION	REV. BY:	REV. DATE
1	Add Terminal Number	Charlie Z.	10/10/18

DRAWING DESCRIPTION: RACK 2 SLOT 11
DRAWING NO.
DRAWN DATE:
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Total
MATERIAL
SCALE NONE UNIT MM