2F11

SABIZ PLANT
90.CAB.1

WIRING DIAGRAM

T.I.E. s.r.l.
TECNOLOGIE INDUSTRIALI ELETTRONICHE
T.I.E. S.r.l. - Tecnologie Industriali Elettroniche
Via Fermi (ang. Via Carducci)
21042 CARONNO PERTUSELLA (VA) - ITALY

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1	REVISED	TIE	02/10/2012	SABIZ PLANT 90.CAB.1	
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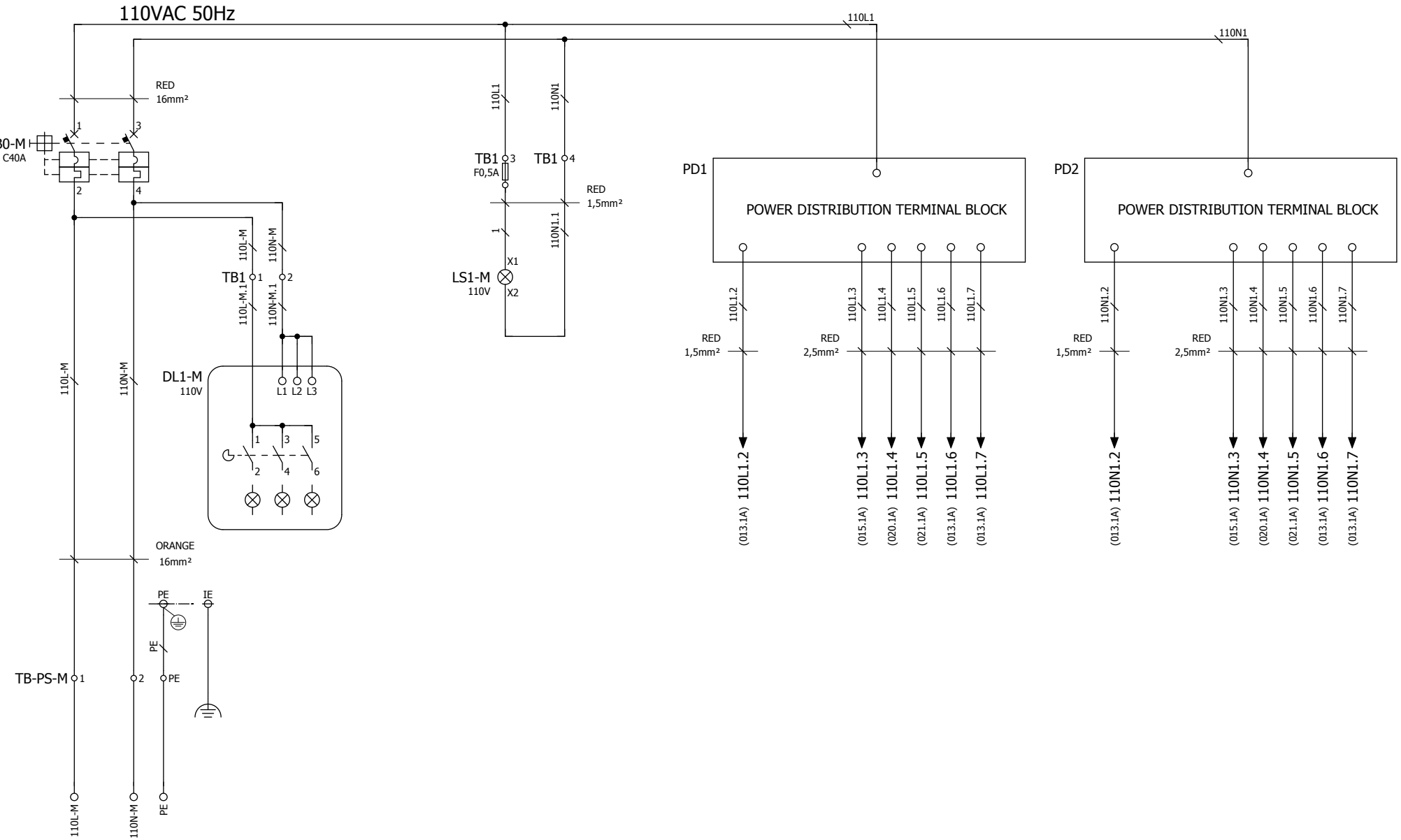

POWER SUPPLY 110VAC 50Hz FROM UPS

MAINS ON

				SABIZ PLANT 90.CAB.1			MAIN POWER SUPPLY	= +
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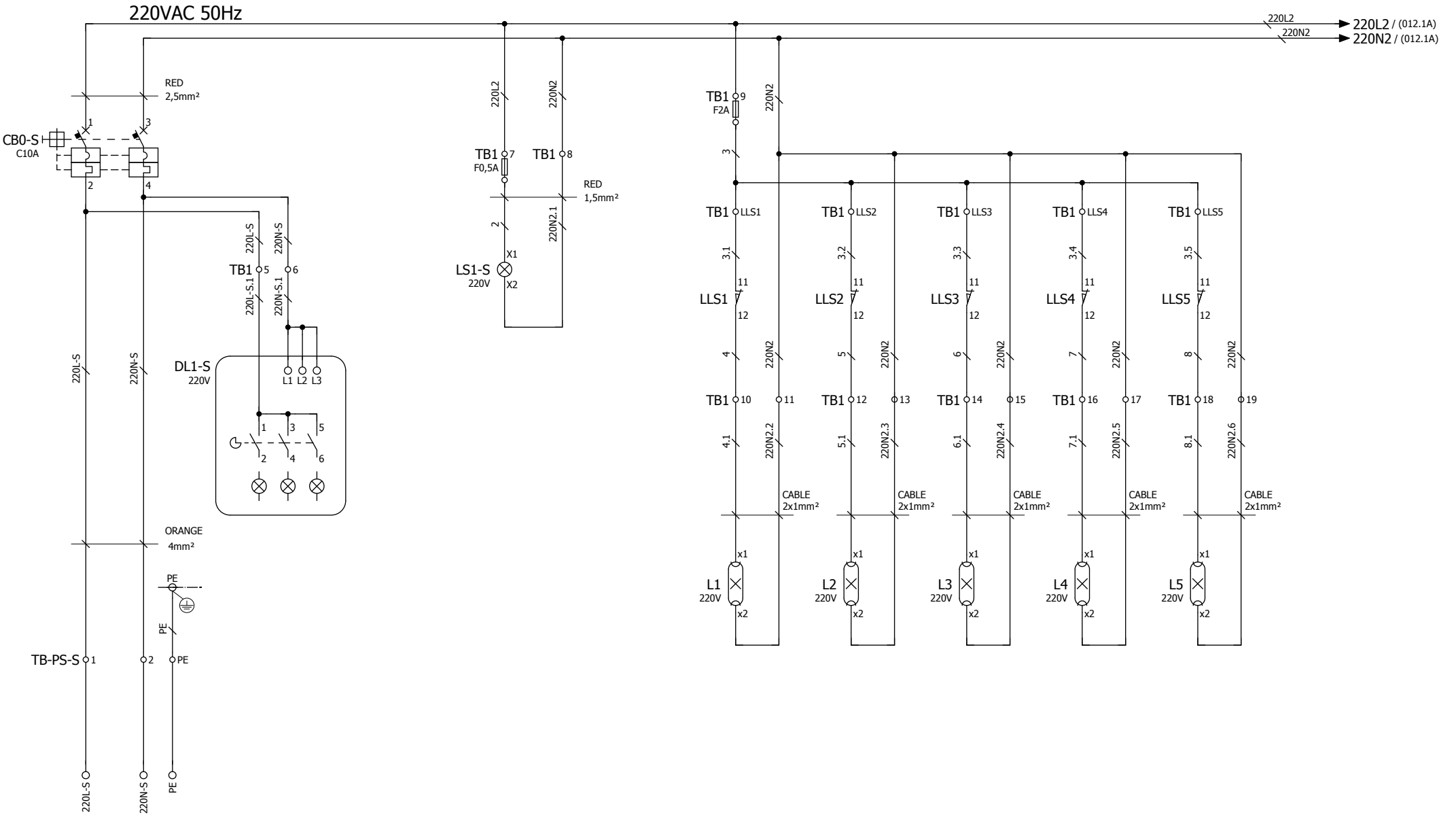

POWER SUPPLY 220VAC 50Hz

SERVICE ON

INTERNAL LAMPS

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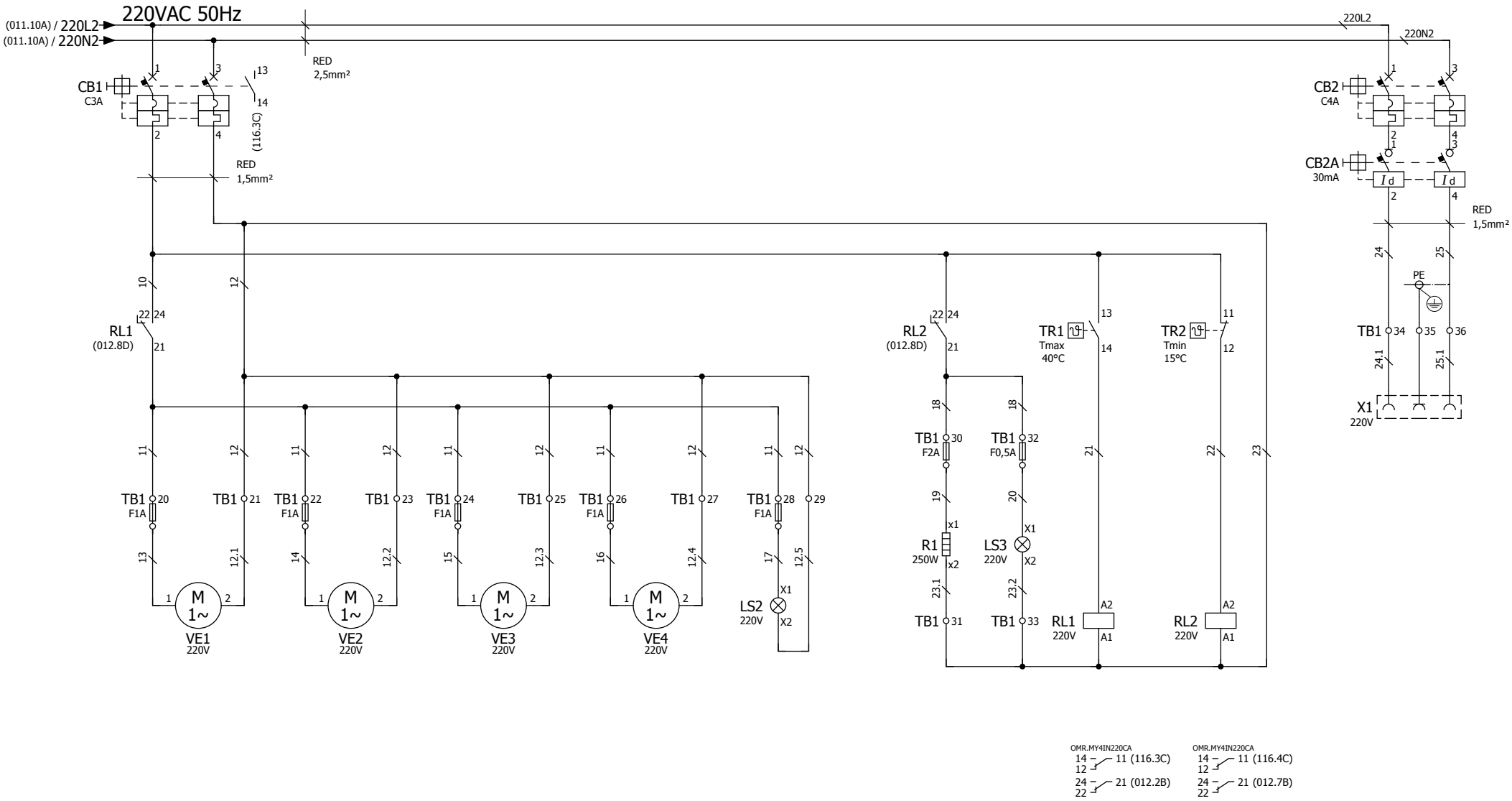

AIR RECYCLE FANS

CABINET HEATING

INTERNAL
SERVICE SOCKET

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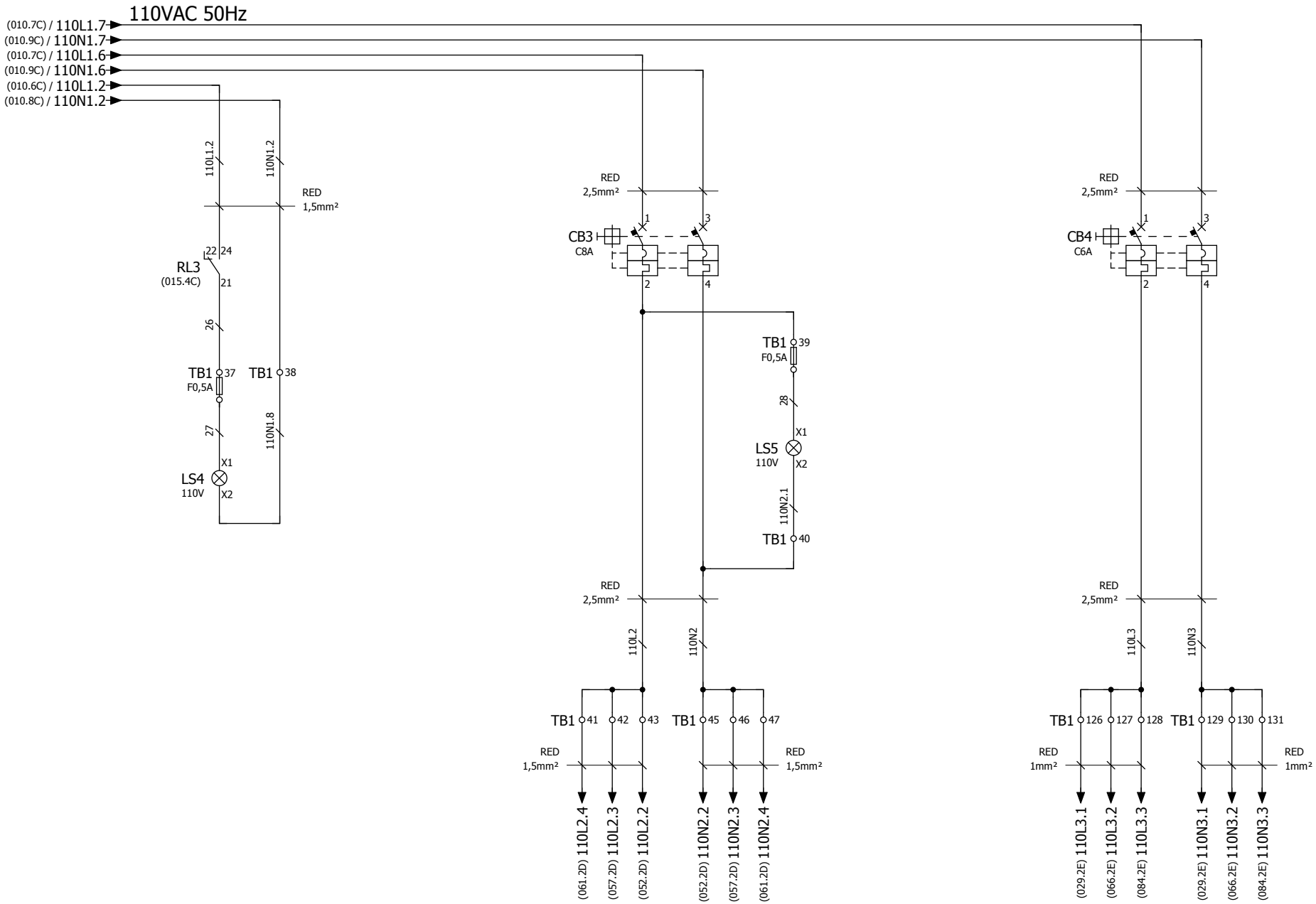

24VDC ON
POWER SUPPLY

POWER SUPPLY 110VAC
FOR SOLENOID VALVES

POWER SUPPLY 110VAC
FOR PLC

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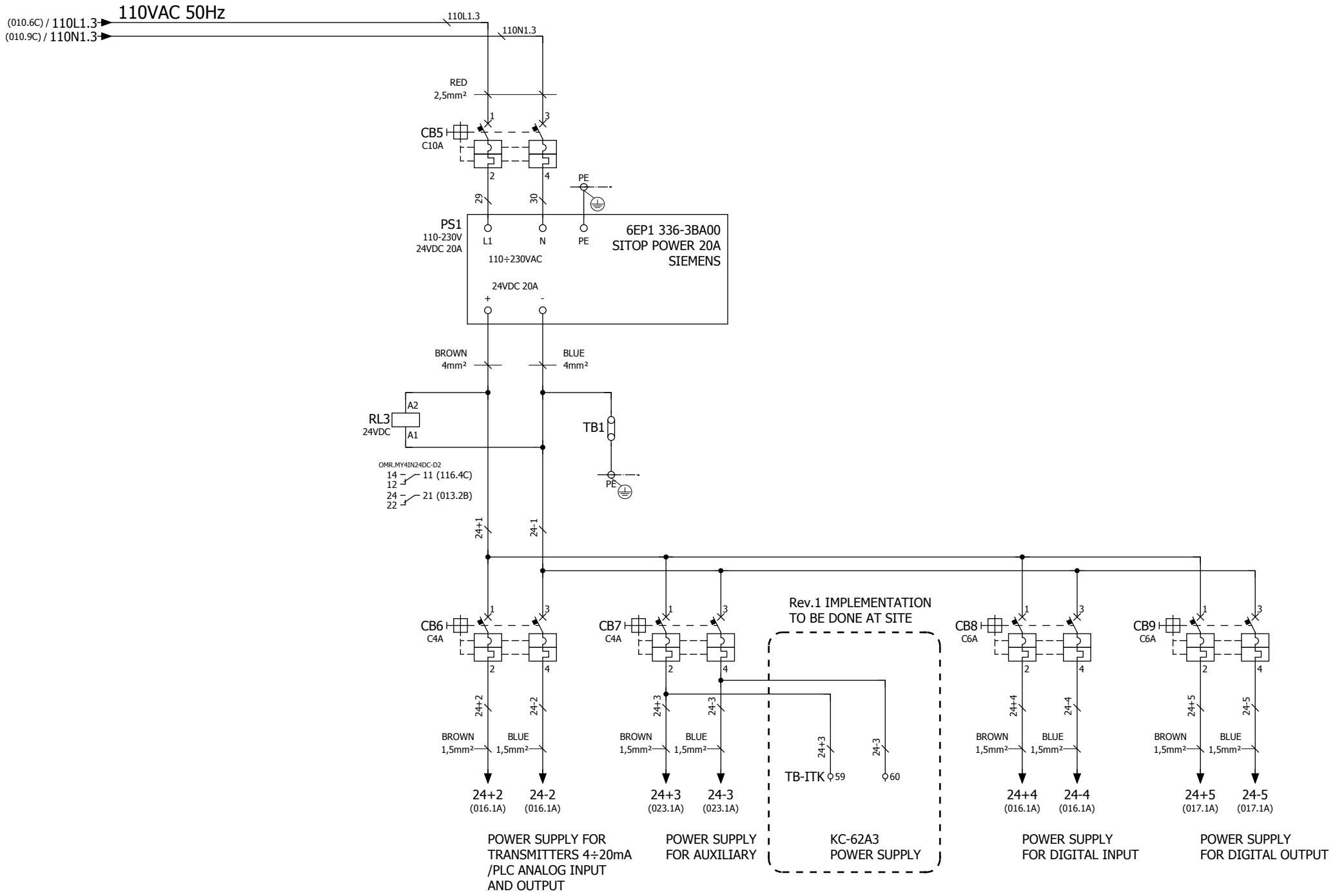

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POWER SUPPLY 24VDC

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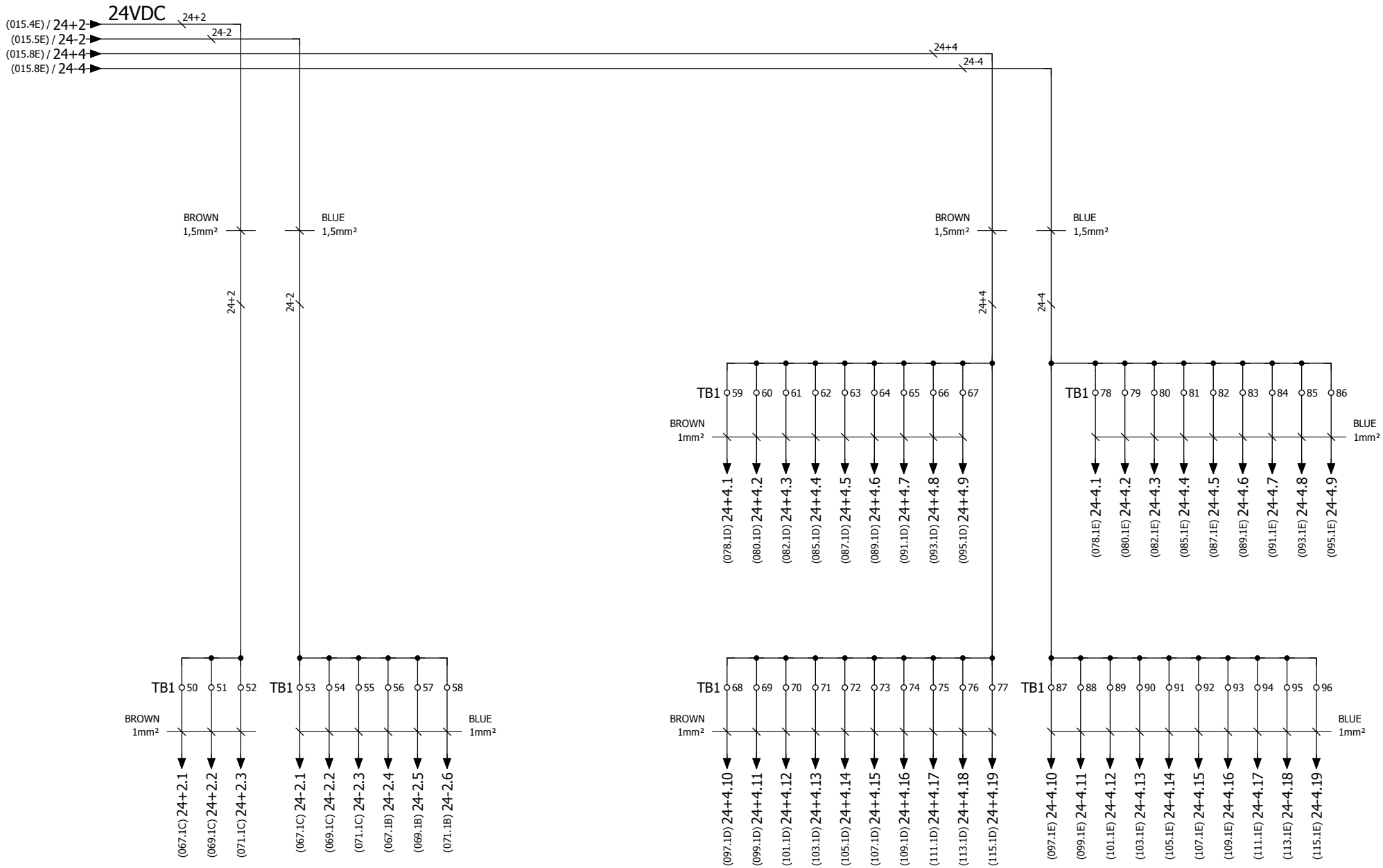

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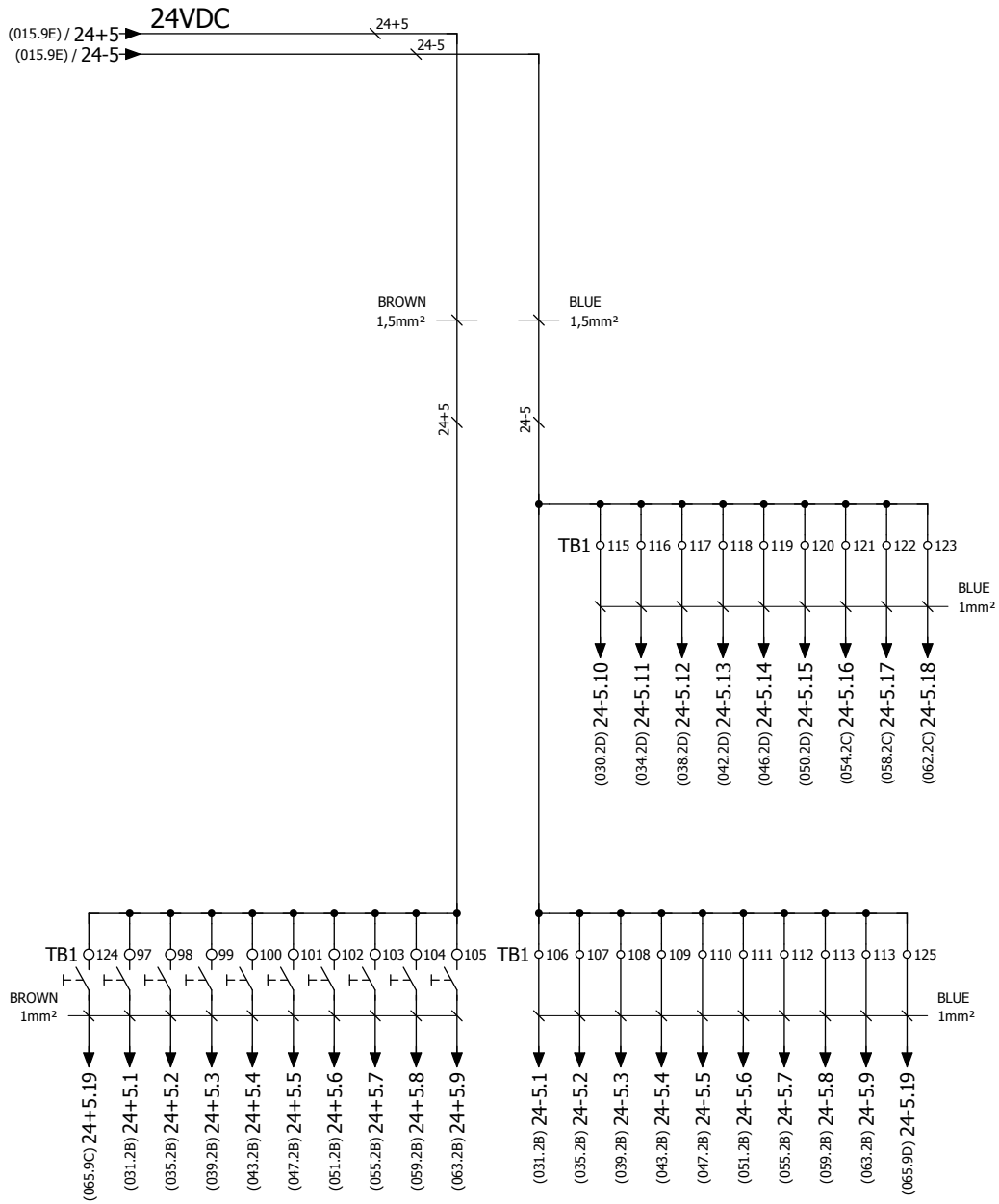

POWER SUPPLY
FOR DIGITAL OUTPUT

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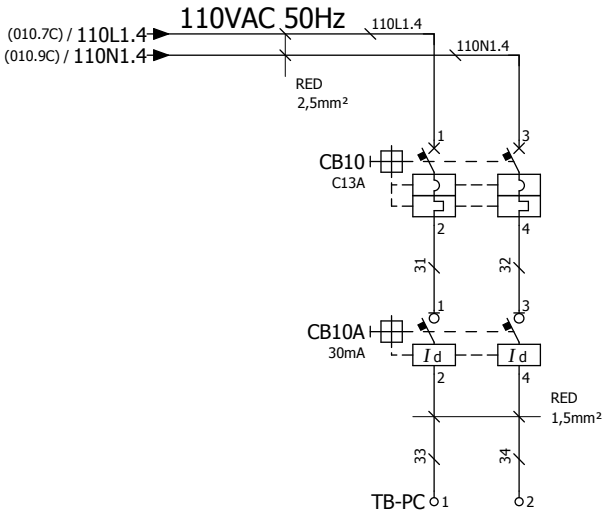

110VAC FEEDING FOR
PC AND PRINTER
PROVIDED BY CUSTOMER

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AUXILIARY SUPPLY 110VAC

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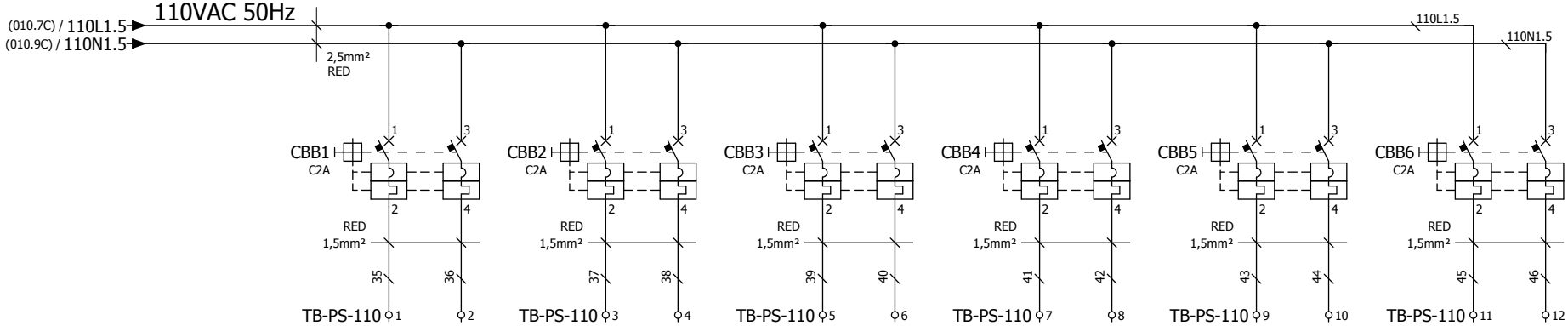

SPARE INSTRUMENT POWER SUPPLY 110VAC

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POWER SUPPLY 110VAC

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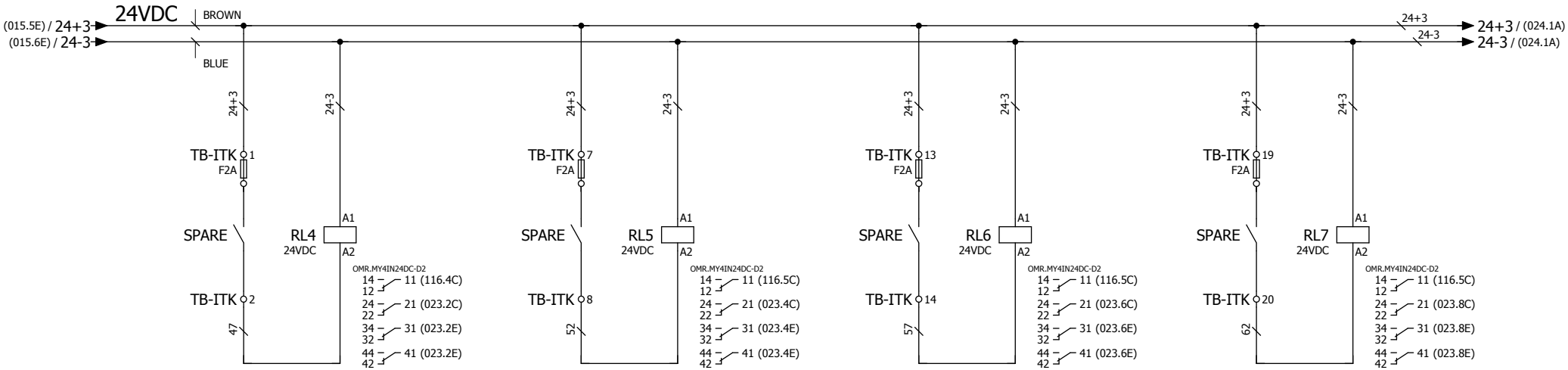

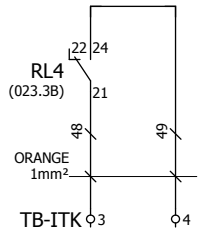

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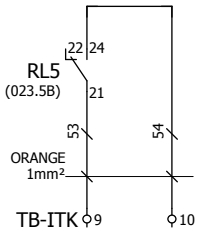

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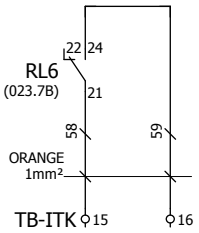

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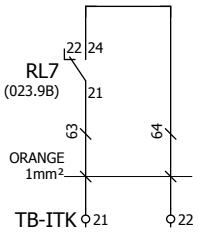

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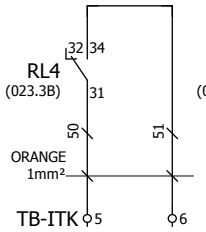

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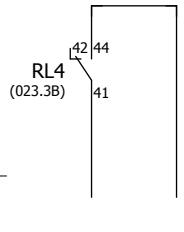

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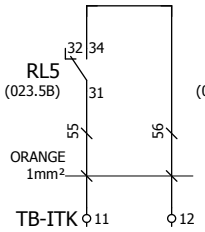

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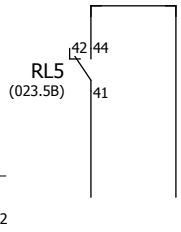

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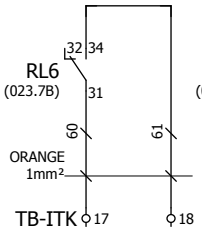

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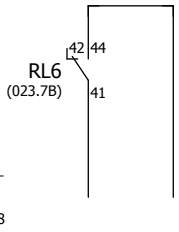

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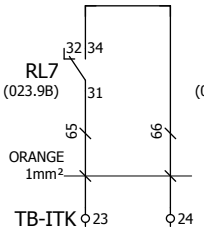

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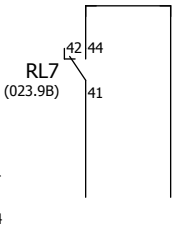

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HARDWARE INTERLOCKS

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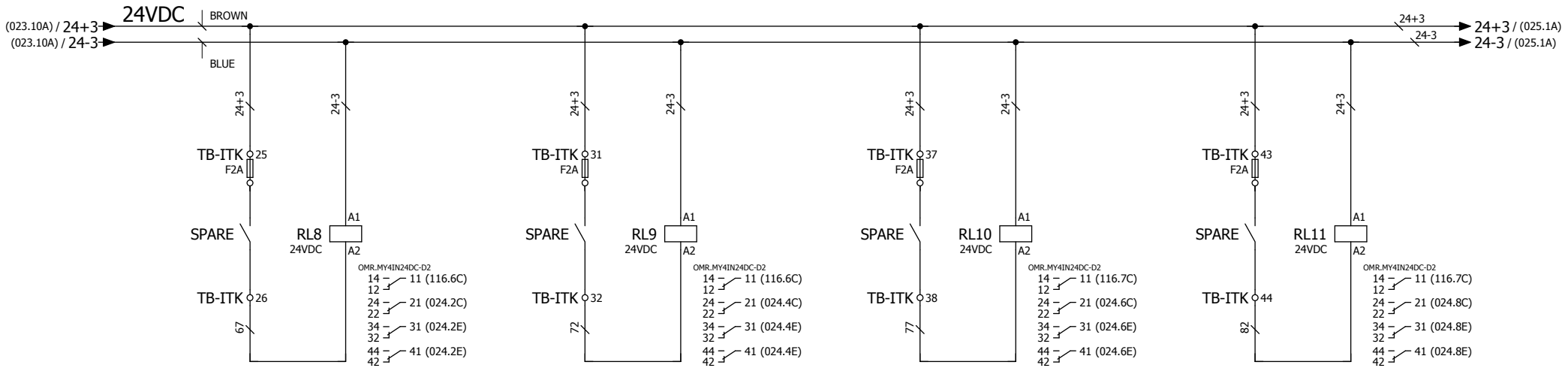

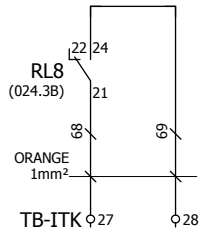

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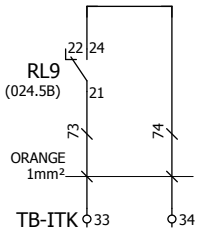

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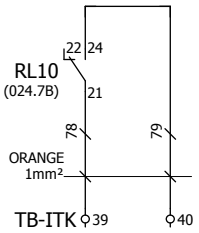

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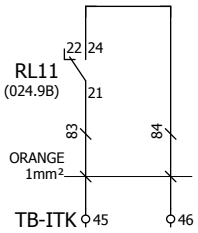

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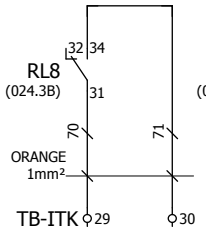

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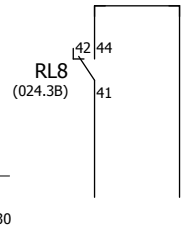
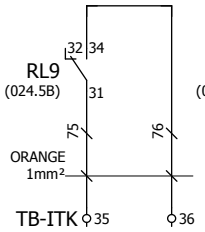
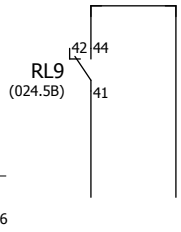


AVAILABLE CONTACT



AVAILABLE CONTACT



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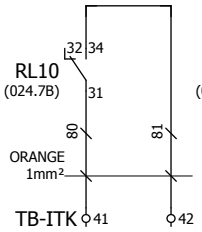

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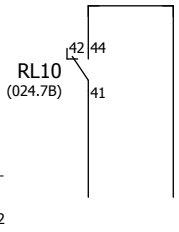

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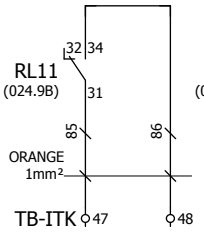
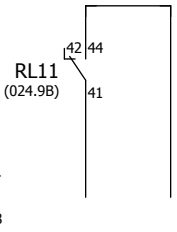


AVAILABLE CONTACT



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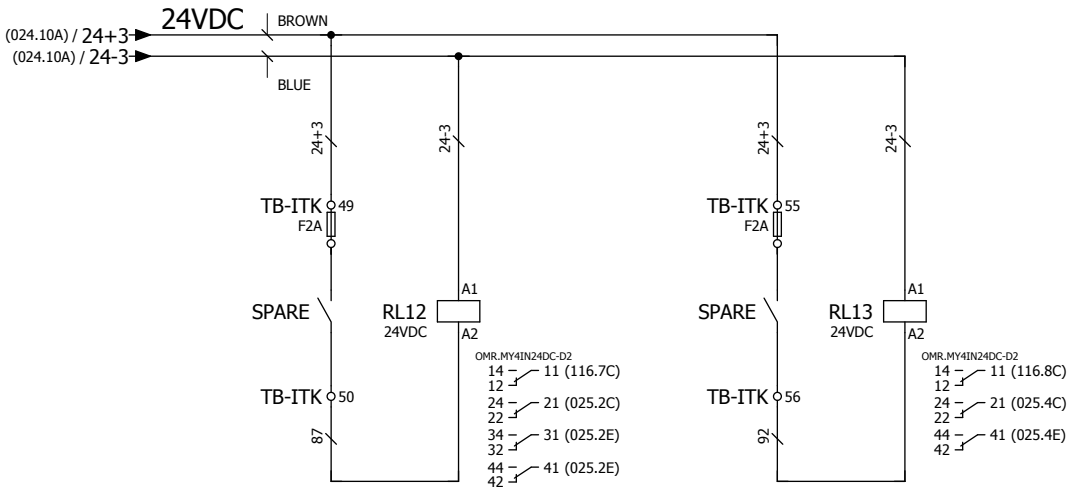

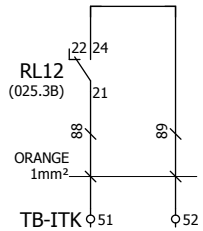

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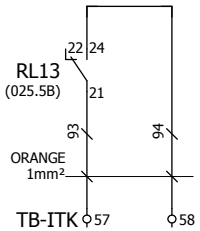

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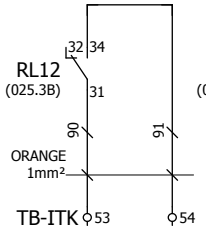
Rev.1 IMPLEMENTATION
TO BE DONE AT SITE



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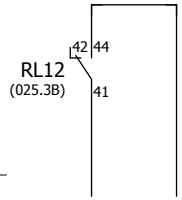

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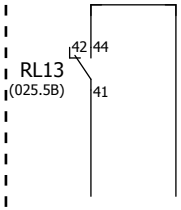

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SPARE PAGE

				SABIZ PLANT 90.CAB.1			SPARE PAGE		=
									+
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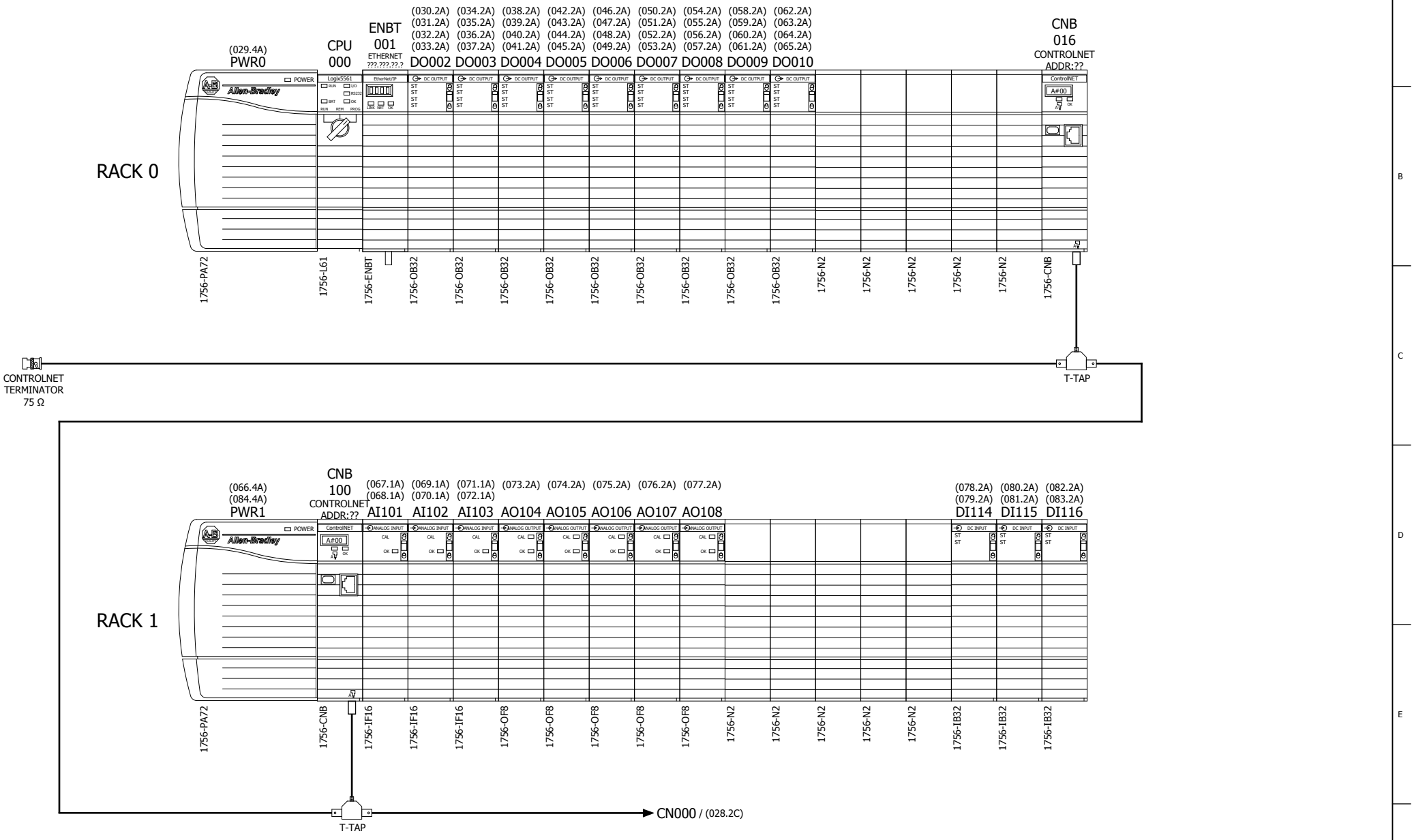

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LAYOUT PLC RACK 0/1

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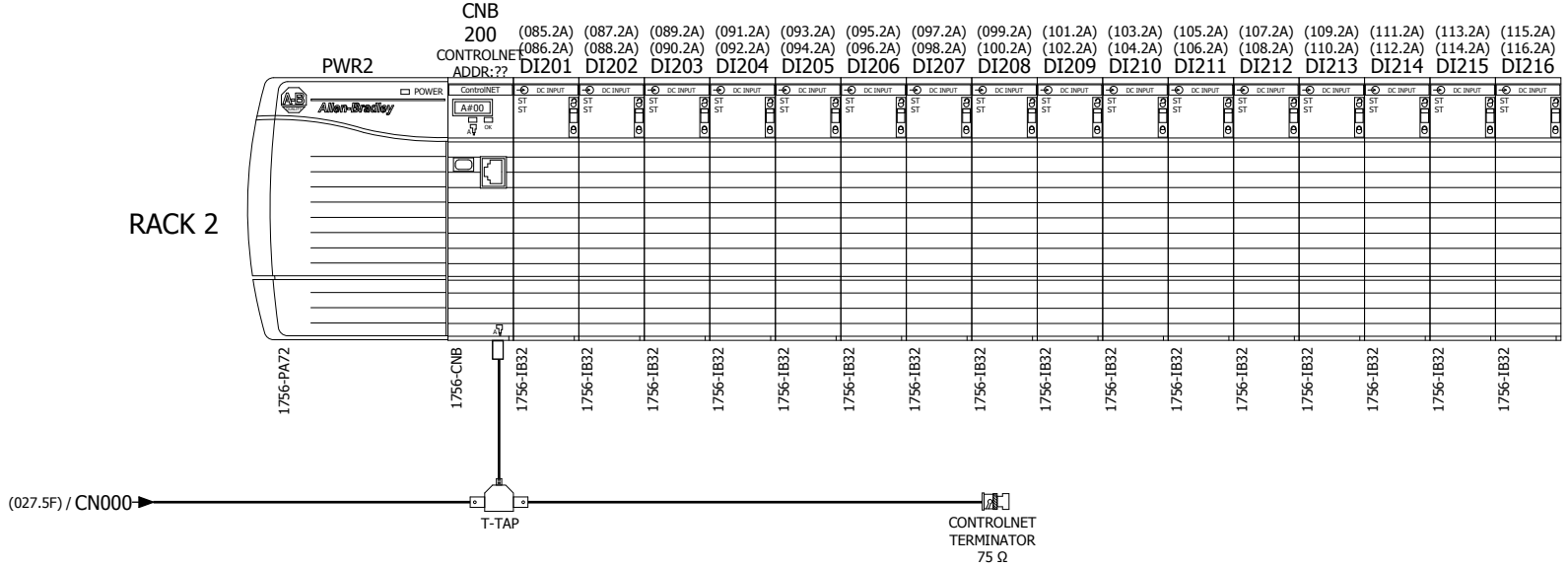

				SABIZ PLANT 90.CAB.1				=
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0	ISSUE FOR APPROVAL	TIE	18/05/2012			LAYOUT PLC RACK 2		
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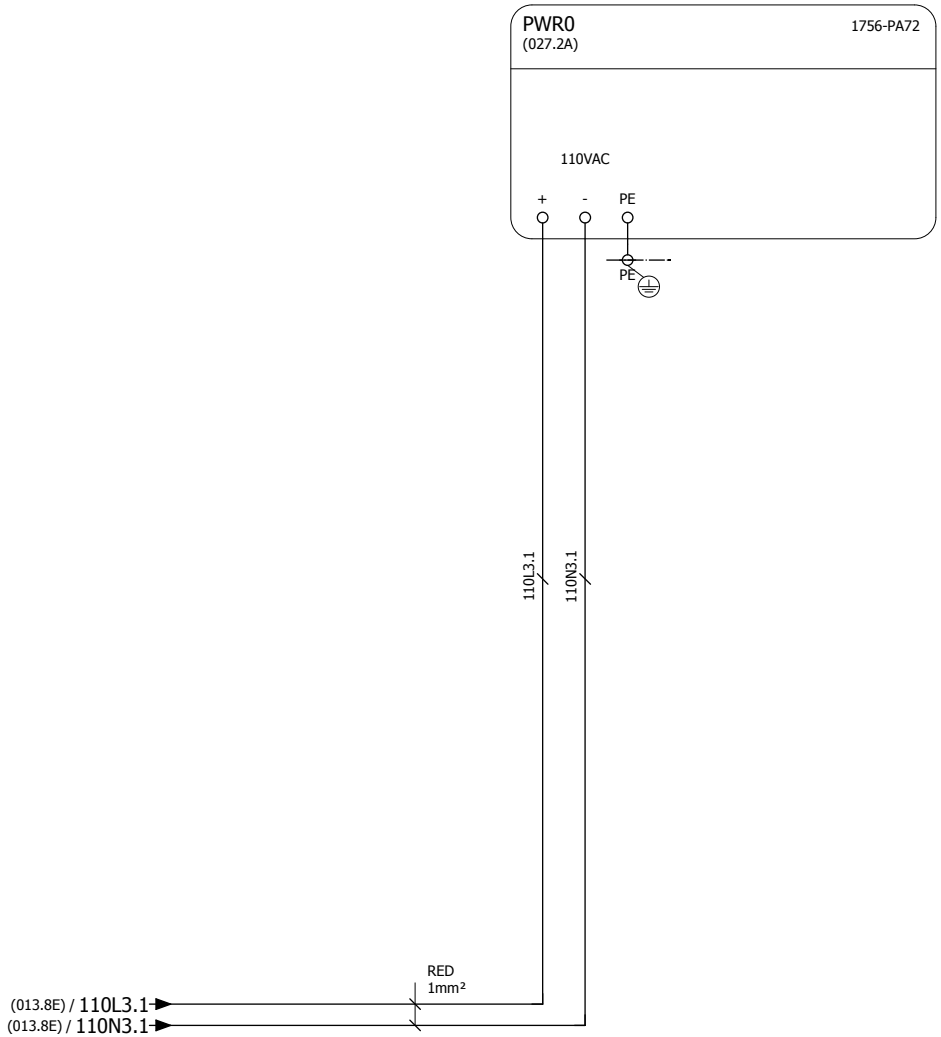

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POWER SUPPLY RACK 0

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030 n.sh

RACK 0
SLOT 2

DO002
(027.4A)

ROCKWELL
1756-OB32

CH0	CH1	CH2	CH3	CH4	CH5	CH6	CH7
OUT-0	OUT-1	OUT-2	OUT-3	OUT-4	OUT-5	OUT-6	OUT-7
1	2	3	4	5	6	7	8
00200	00201	00202	00203	00204	00205	00206	00207

DO002A
(031.2C)
(032.2C)
(033.2C)

0,25mm² WHITE	0,25mm² BROWN	0,25mm² GREEN	0,25mm² YELLOW	0,25mm² GREY	0,25mm² PINK	0,25mm² BLUE	0,25mm² RED
R00200	R00201	R00202	R00203	R00204	R00205	R00206	R00207
24VDC	24VDC	24VDC	24VDC	24VDC	24VDC	24VDC	24VDC
62CL1-M	62CL1-M	62CL1-M	62CL2-M	62CL2-M	62CL2-M	62CL3-M	62CL3-M
A1 12 14	A1 12 14	A1 12 14	A1 12 14	A1 12 14	A1 12 14	A1 12 14	A1 12 14
A2 11	A2 11	A2 11	A2 11	A2 11	A2 11	A2 11	A2 11

(017.4C) / 24-5.10 → 24VDC 1mm² BLUE

WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO
14 – 11 (030.3C)	14 – 11 (030.4C)	14 – 11 (030.4C)	14 – 11 (030.5C)	14 – 11 (030.6C)	14 – 11 (030.7C)	14 – 11 (030.7C)	14 – 11 (030.8C)
12	12	12	12	12	12	12	12

24-5.10 → 24-5.10 / (031.2D)

START HIGH SPEED SODIUM SULPHATE EXTRACTION SCREW

START LOW SPEED SODIUM SULPHATE EXTRACTION SCREW

STOP SODIUM SULPHATE EXTRACTION SCREW

START HIGH SPEED SODIUM CARBONATE EXTRACTION SCREW

START LOW SPEED SODIUM CARBONATE EXTRACTION SCREW

STOP SODIUM CARBONATE EXTRACTION SCREW

START HIGH SPEED STPP EXTRACTION SCREW

START LOW SPEED STPP EXTRACTION SCREW

RACK 0: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
CPU | ENBT | OB32 | OB32 | OB32 | OB32 | OB32 | OB32 | OB32 | OB32 | OB32 | CNB

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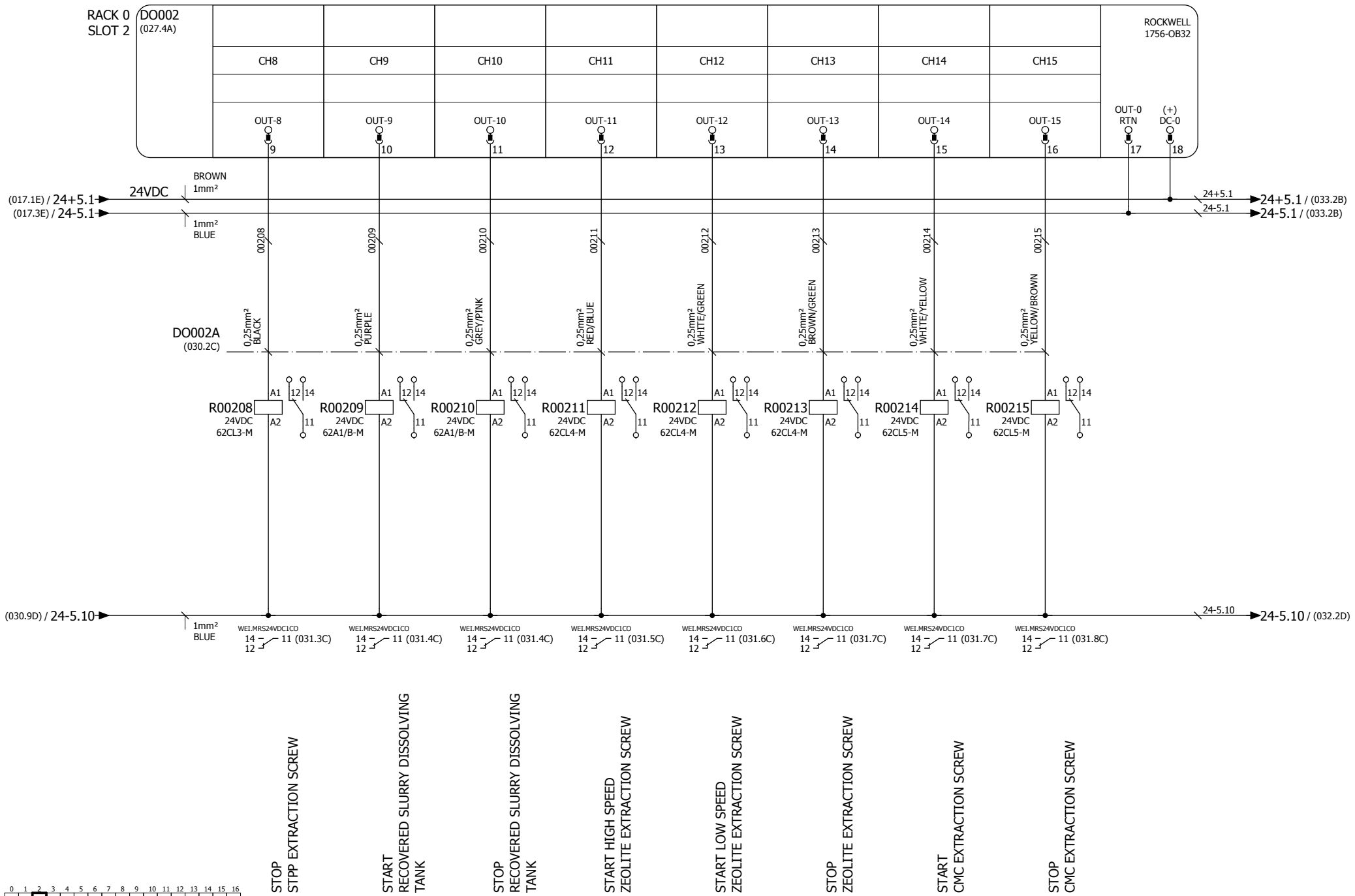
031 n.sh



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032 n.sh

RACK 0
SLOT 2

DO002
(027.4A)

ROCKWELL
1756-OB32

CH16	CH17	CH18	CH19	CH20	CH21	CH22	CH23
OUT-16	OUT-17	OUT-18	OUT-19	OUT-20	OUT-21	OUT-22	OUT-23
19	20	21	22	23	24	25	26

DO002A
(030.2C)

	00216	00217	00218	00219	00220	00221	00222	00223
0,25mm²	WHITE/GREY	GREY/BROWN	WHITE/PINK	PINK/BROWN	WHITE/BLUE	BROWN/BLUE	WHITE/RED	BROWN/RED

	R00216	R00217	R00218	R00219	R00220	R00221	R00222	R00223
	24VDC 62CL6-M	24VDC 62CL6-M	24VDC 62CL6A-M	24VDC 62CL6A-M	24VDC 62P1/B-M	24VDC 62P1/B-M	24VDC 62CL7-M	24VDC 62CL7-M
A1								
12 14								
A2								
11								

(031.9D) / 24-5.10 ► 24VDC 1mm² BLUE

WEI.MRS24VDC1CO								
14 – 12	11 (032.3C)	11 (032.4C)	11 (032.4C)	11 (032.5C)	11 (032.6C)	11 (032.7C)	11 (032.7C)	11 (032.8C)

24-5.10 ► 24-5.10 / (033.2D)

START SOLID DISCHARGING SCREW	STOP SOLID DISCHARGING SCREW	START MINOR SOLID DISCHARGING SCREW	STOP MINOR SOLID DISCHARGING SCREW	START RECOVERED SLURRY TRANSFER PUMP	STOP RECOVERED SLURRY TRANSFER PUMP	START OPTICAL BRIGHTENER EXTRACTION SCREW	STOP OPTICAL BRIGHTENER EXTRACTION SCREW

RACK 0: 0 CPU | 1 ENBT | 2 OB32 | 3 OB32 | 4 OB32 | 5 OB32 | 6 OB32 | 7 OB32 | 8 OB32 | 9 OB32 | 10 OB32 | 11 | 12 | 13 | 14 | 15 CNB | 16

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DIGITAL OUTPUT RACK 0, DO002

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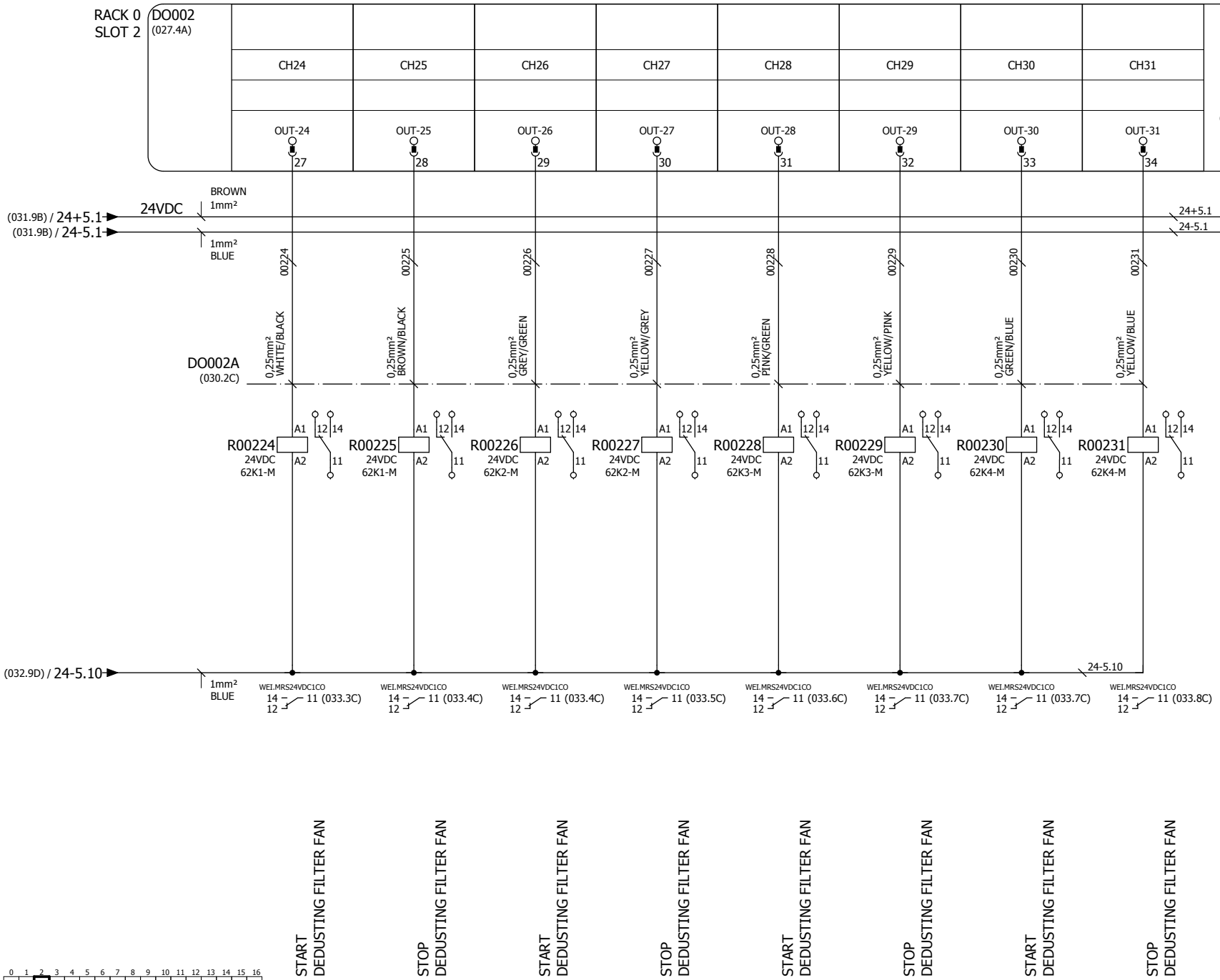
033 n.sh



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DIGITAL OUTPUT RACK 0, DO002

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034 n.sh

RACK 0
SLOT 3

DO003
(027.4A)

ROCKWELL
1756-OB32

CH0	CH1	CH2	CH3	CH4	CH5	CH6	CH7
OUT-0	OUT-1	OUT-2	OUT-3	OUT-4	OUT-5	OUT-6	OUT-7
1	2	3	4	5	6	7	8
00300	00301	00302	00303	00304	00305	00306	00307

DO003A
(035.2C)
(036.2C)
(037.2C)

0,25mm² WHITE	0,25mm² BROWN	0,25mm² GREEN	0,25mm² YELLOW	0,25mm² GREY	0,25mm² PINK	0,25mm² BLUE	0,25mm² RED
R00300 24VDC 62CL8-M	R00301 24VDC 62CL8-M	R00302 24VDC 62K5-M	R00303 24VDC 62K5-M	R00304 24VDC 62K7-M	R00305 24VDC 62K7-M	R00306 24VDC 62SR1-M	R00307 24VDC 62SR1-M
A1 12 14 / A2 11	A1 12 14 / A2 11	A1 12 14 / A2 11	A1 12 14 / A2 11	A1 12 14 / A2 11	A1 12 14 / A2 11	A1 12 14 / A2 11	A1 12 14 / A2 11

(017.4C) / 24-5.11 ► 24VDC 1mm² BLUE

WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO
14 – 12 – 11 (034.3C)	14 – 12 – 11 (034.4C)	14 – 12 – 11 (034.4C)	14 – 12 – 11 (034.5C)	14 – 12 – 11 (034.6C)	14 – 12 – 11 (034.7C)	14 – 12 – 11 (034.7C)	14 – 12 – 11 (034.8C)

24-5.11 ► 24-5.11 / (035.2D)

SPARE MOTOR	SPARE MOTOR	START DEDUSTING FILTER FAN	STOP DEDUSTING FILTER FAN	START DEDUSTING FILTER FAN	STOP DEDUSTING FILTER FAN	START ZEOLITE BIN ACTIVATOR	STOP ZEOLITE BIN ACTIVATOR

RACK 0: 0 CPU | 1 ENBT | 2 OB32 | 3 OB32 | 4 OB32 | 5 OB32 | 6 OB32 | 7 OB32 | 8 OB32 | 9 OB32 | 10 OB32 | 11 | 12 | 13 | 14 | 15 | 16 CNB

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DIGITAL OUTPUT RACK 0, DO003

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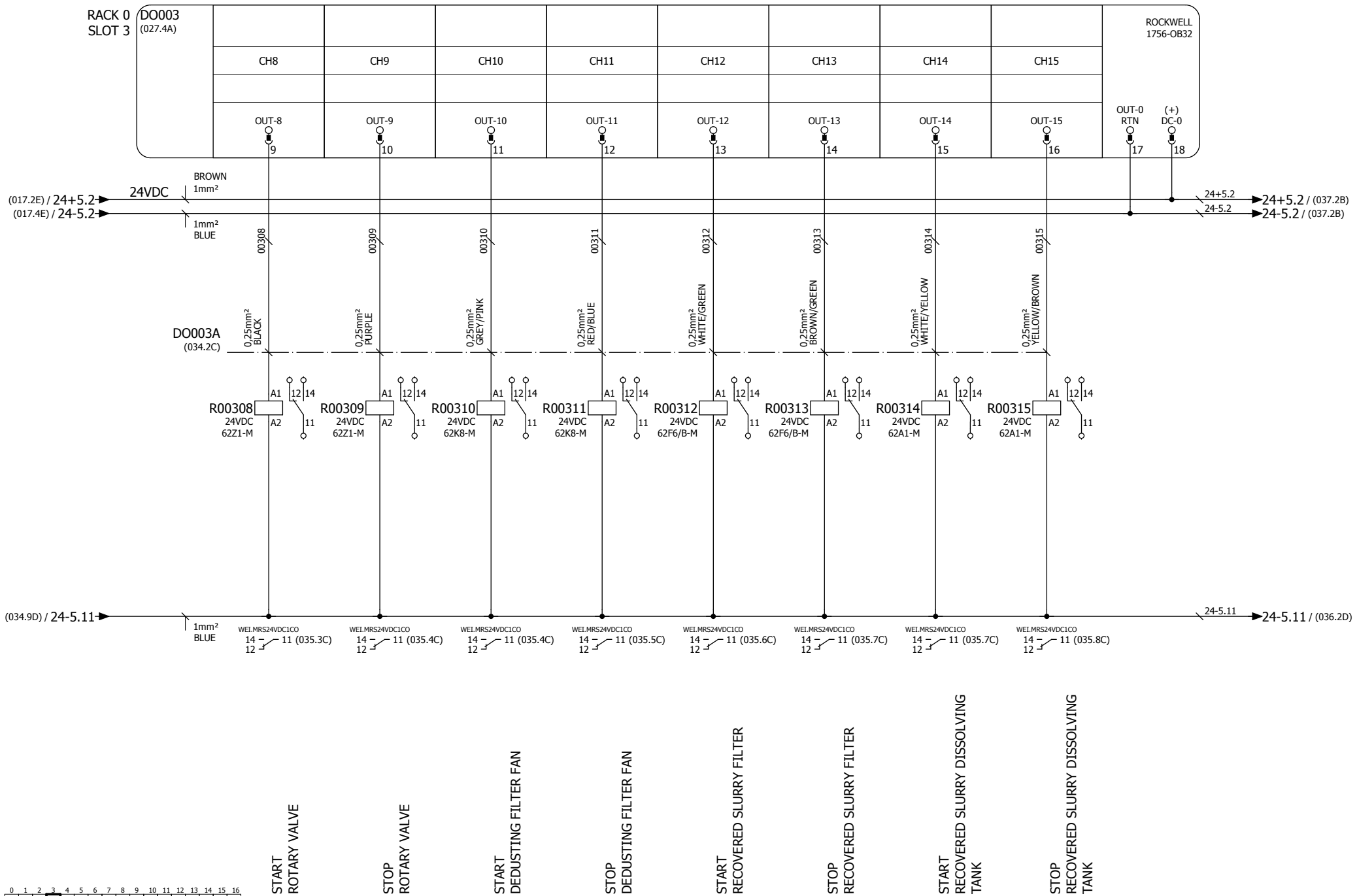
035 n.sh



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DIGITAL OUTPUT RACK 0, DO003

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036 n.sh

RACK 0
SLOT 3

DO003
(027.4A)

ROCKWELL
1756-OB32

CH16	CH17	CH18	CH19	CH20	CH21	CH22	CH23
OUT-16	OUT-17	OUT-18	OUT-19	OUT-20	OUT-21	OUT-22	OUT-23
19	20	21	22	23	24	25	26
00316	00317	00318	00319	00320	00321	00322	00323
0,25mm² WHITE/GREY	0,25mm² GREY/BROWN	0,25mm² WHITE/PINK	0,25mm² PINK/BROWN	0,25mm² WHITE/BLUE	0,25mm² BROWN/BLUE	0,25mm² WHITE/RED	0,25mm² BROWN/RED

DO003A
(034.2C)

R00316	R00317	R00318	R00319	R00320	R00321	R00322	R00323
24VDC	24VDC	24VDC	24VDC	24VDC	24VDC	24VDC	24VDC
62A2-M	62A2-M	62F6-M	62F6-M	62P1-M	62P1-M	62A3-M	62A3-M
A1 12 14	A1 12 14	A1 12 14	A1 12 14	A1 12 14	A1 12 14	A1 12 14	A1 12 14
A2 11	A2 11	A2 11	A2 11	A2 11	A2 11	A2 11	A2 11

(035.9D) / 24-5.11 → 24VDC 1mm² BLUE

WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO
14 – 11 (036.3C)	14 – 11 (036.4C)	14 – 11 (036.4C)	14 – 11 (036.5C)	14 – 11 (036.6C)	14 – 11 (036.7C)	14 – 11 (036.7C)	14 – 11 (036.8C)
12	12	12	12	12	12	12	12

24-5.11 → 24-5.11 / (037.2D)

START RECOVERED SLURRY TANK

STOP RECOVERED SLURRY TANK

START RECOVERED SLURRY FILTER

STOP RECOVERED SLURRY FILTER

START RECOVERED SLURRY TRANSFER PUMP

STOP RECOVERED SLURRY TRANSFER PUMP

START LIQUID DOSING VESSEL

STOP LIQUID DOSING VESSEL

RACK 0

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
CPU	ENBT	OB32	OB32	OB32	OB32	OB32	OB32	OB32	OB32	OB32						CNB

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DIGITAL OUTPUT RACK 0, DO003

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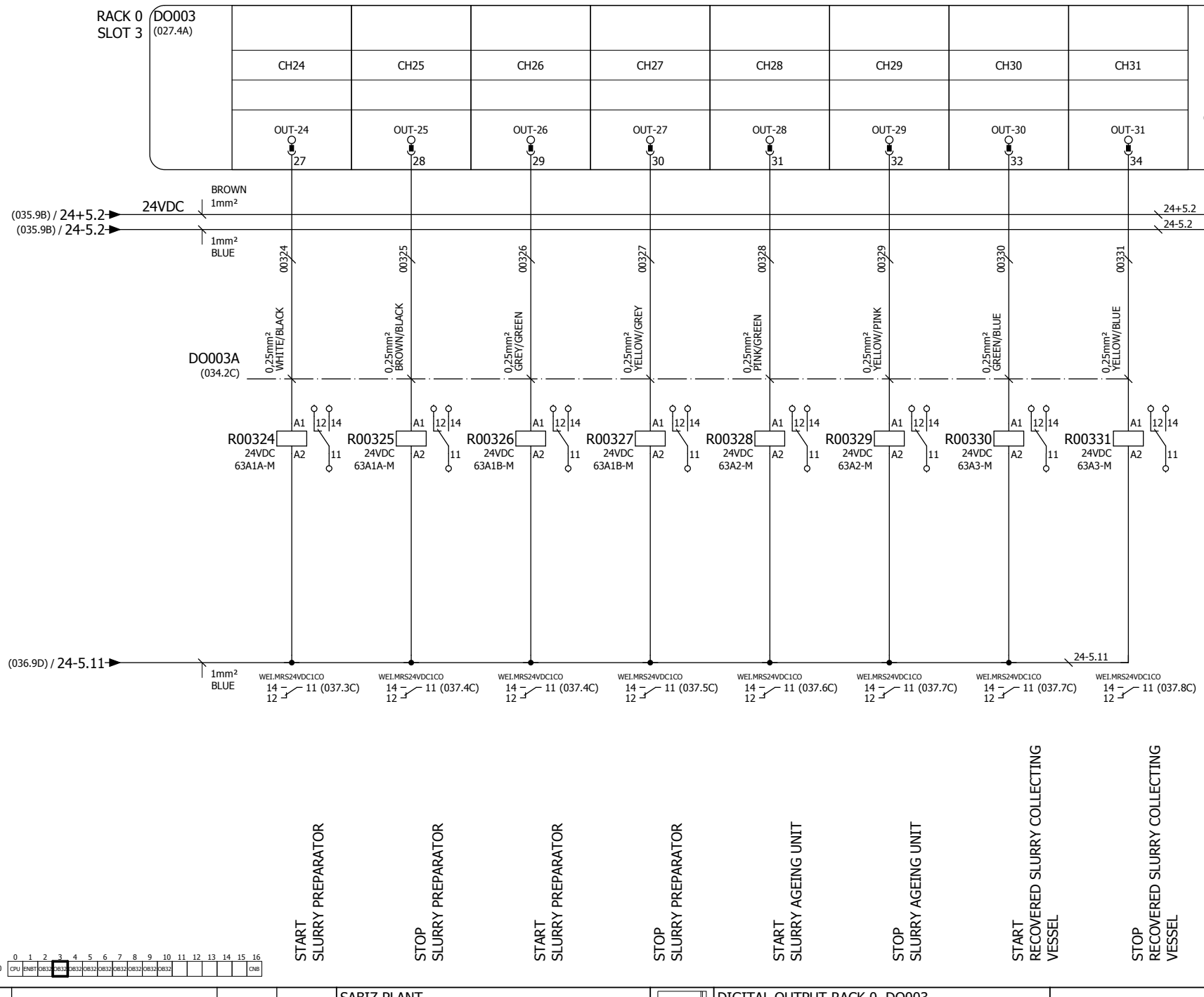
037 n.sh



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RACK 0
SLOT 4

DO004
(027.5A)

ROCKWELL
1756-OB32

CH0	CH1	CH2	CH3	CH4	CH5	CH6	CH7
OUT-0	OUT-1	OUT-2	OUT-3	OUT-4	OUT-5	OUT-6	OUT-7
1	2	3	4	5	6	7	8
00400	00401	00402	00403	00404	00405	00406	00407

DO004A
(039.2C)
(040.2C)
(041.2C)

0,5mm² WHITE	0,5mm² BROWN	0,5mm² GREEN	0,5mm² YELLOW	0,5mm² GREY	0,5mm² PINK	0,5mm² BLUE	0,5mm² RED
R00400 24VDC 63K1-M	R00401 24VDC 63K1-M	R00402 24VDC 63F2A-M	R00403 24VDC 63F2A-M	R00404 24VDC 63F2B-M	R00405 24VDC 63F2B-M	R00406 24VDC 63P2A-M	R00407 24VDC 63P2A-M
A1 12 14 / A2 11	A1 12 14 / A2 11	A1 12 14 / A2 11	A1 12 14 / A2 11	A1 12 14 / A2 11	A1 12 14 / A2 11	A1 12 14 / A2 11	A1 12 14 / A2 11

(017.4C) / 24-5.12 ▶ 24VDC — 1mm² BLUE

24-5.12 ▶ 24-5.12 / (039.2D)

WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO
14 – 11 (038.3C)	14 – 11 (038.4C)	14 – 11 (038.4C)	14 – 11 (038.5C)	14 – 11 (038.6C)	14 – 11 (038.7C)	14 – 11 (038.7C)	14 – 11 (038.8C)
12	12	12	12	12	12	12	12
START VAPORS SCRUBBING FAN	STOP VAPORS SCRUBBING FAN	START 1st SLURRY FEEDING FILTER	STOP 1st SLURRY FEEDING FILTER	START 2nd SLURRY FEEDING FILTER	STOP 2nd SLURRY FEEDING FILTER	START SLURRY BOOSTER PUMP	STOP SLURRY BOOSTER PUMP

RACK 0: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 — CPU | ENBT | OB32 | OB32 | OB32 | OB32 | OB32 | OB32 | OB32 | OB32 | OB32 | CNB

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0	ISSUE FOR APPROVAL	TIE	18/05/2012		

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DIGITAL OUTPUT RACK 0, DO004

Page title

JOB 2F11

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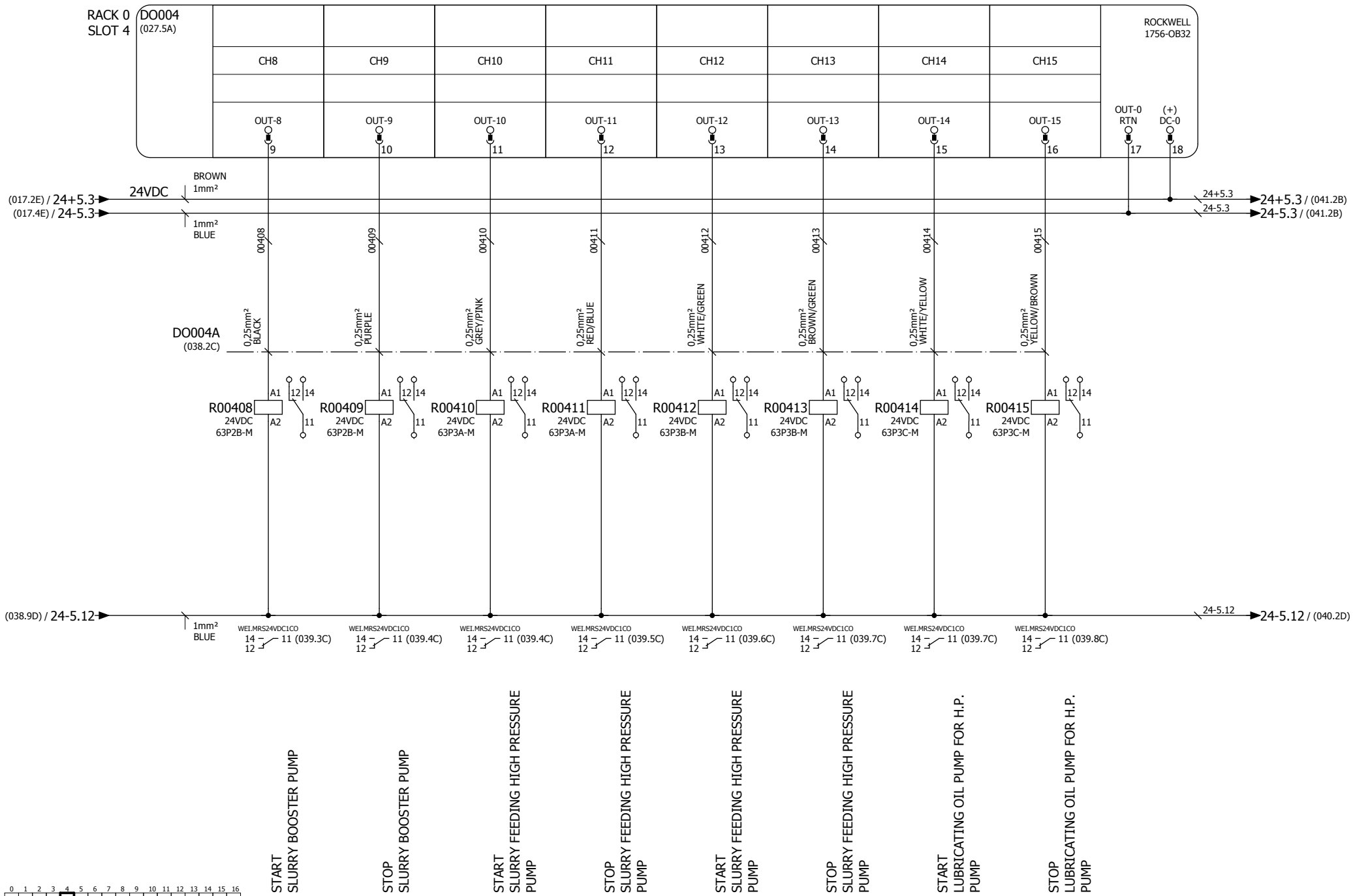
Sheet 038
039 n.sh



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1	REVISED	TIE	02/10/2012
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JOB 2F11

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Sheet 039
040 n.sh

RACK 0
SLOT 4

DO004
(027.5A)

ROCKWELL
1756-OB32

CH16	CH17	CH18	CH19	CH20	CH21	CH22	CH23
OUT-16	OUT-17	OUT-18	OUT-19	OUT-20	OUT-21	OUT-22	OUT-23
19	20	21	22	23	24	25	26
00416	00417	00418	00419	00420	00421	00422	00423
0,25mm² WHITE/GREY	0,25mm² GREY/BROWN	0,25mm² WHITE/PINK	0,25mm² PINK/BROWN	0,25mm² WHITE/BLUE	0,25mm² BROWN/BLUE	0,25mm² WHITE/RED	0,25mm² BROWN/RED

DO004A
(038.2C)

R00416	R00417	R00418	R00419	R00420	R00421	R00422	R00423
24VDC	24VDC	24VDC	24VDC	24VDC	24VDC	24VDC	24VDC
63P3D-M	63P3D-M	63P4A-M	63P4A-M	63P4B-M	63P4B-M	63P5-M	63P5-M
A1 12 14	A1 12 14	A1 12 14	A1 12 14	A1 12 14	A1 12 14	A1 12 14	A1 12 14
A2 11	A2 11	A2 11	A2 11	A2 11	A2 11	A2 11	A2 11

(039.9D) / 24-5.12 ← 24VDC — 1mm² BLUE

24-5.12 → 24-5.12 / (041.2D)

WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO
14 – 12 – 11 (040.3C)	14 – 12 – 11 (040.4C)	14 – 12 – 11 (040.4C)	14 – 12 – 11 (040.5C)	14 – 12 – 11 (040.6C)	14 – 12 – 11 (040.7C)	14 – 12 – 11 (040.7C)	14 – 12 – 11 (040.8C)

START LUBRICATING OIL PUMP FOR H.P. PUMP

STOP LUBRICATING OIL PUMP FOR H.P. PUMP

START HOMOGENIZING PUMP

STOP HOMOGENIZING PUMP

START SLURRY HOMOGENIZING TRANSFER PUMP

STOP SLURRY HOMOGENIZING TRANSFER PUMP

START RECOVERED SLURRY TRANSFER PUMP

STOP RECOVERED SLURRY TRANSFER PUMP

RACK 0: 0 CPU | 1 ENBT | 2 OB32 | 3 OB32 | 4 OB32 | 5 OB32 | 6 OB32 | 7 OB32 | 8 OB32 | 9 OB32 | 10 OB32 | 11 | 12 | 13 | 14 | 15 CNB | 16

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DIGITAL OUTPUT RACK 0, DO004

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JOB 2F11

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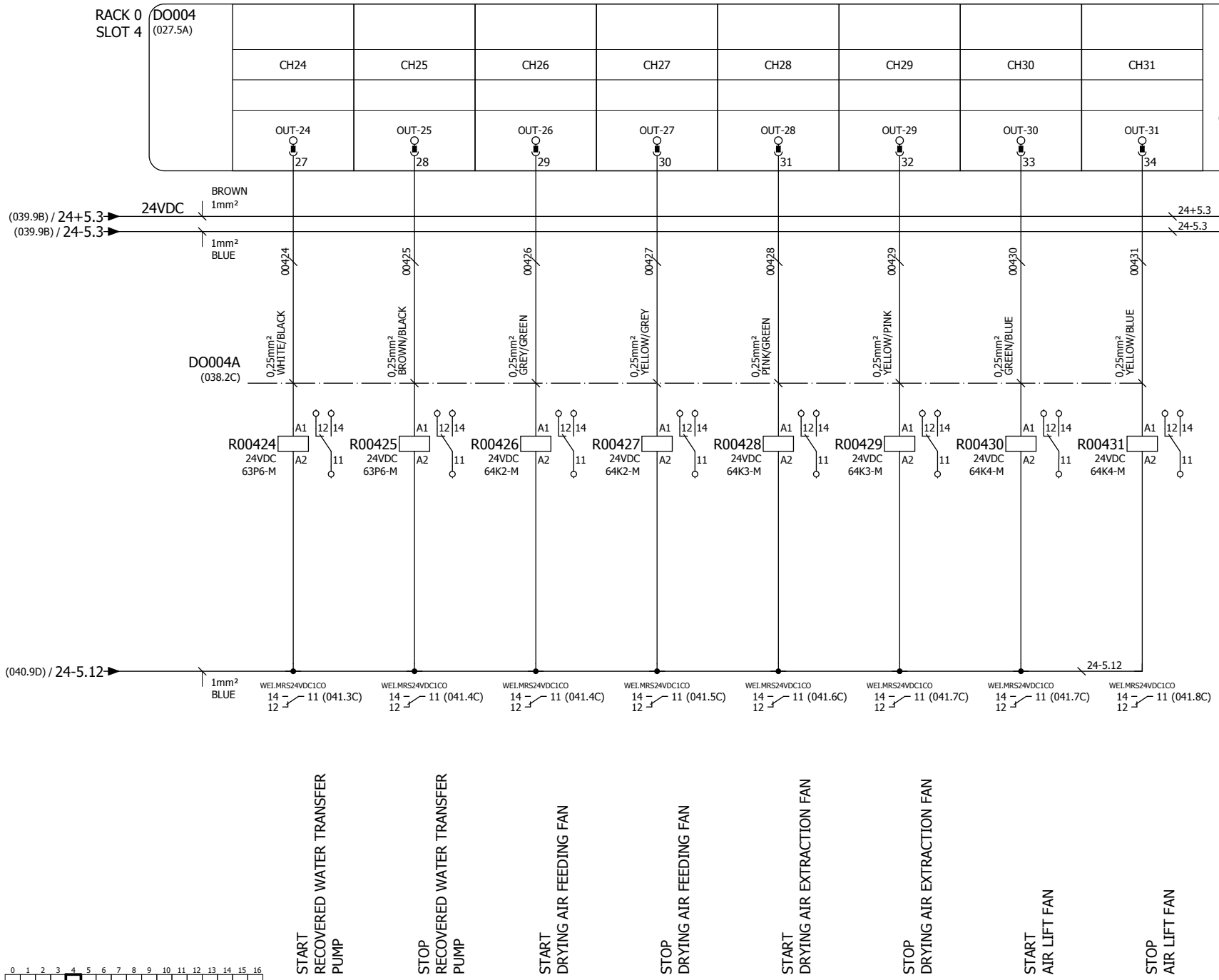
Sheet 040
041 n.sh



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1	REVISED	TIE	02/10/2012
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Sheet 041
042 n.sh

RACK 0
SLOT 5

DO005
(027.5A)

ROCKWELL
1756-OB32

CH0	CH1	CH2	CH3	CH4	CH5	CH6	CH7
OUT-0	OUT-1	OUT-2	OUT-3	OUT-4	OUT-5	OUT-6	OUT-7
1	2	3	4	5	6	7	8
00500	00501	00502	00503	00504	00505	00506	00507

DO005A
(043.2C)
(044.2C)
(045.2C)

0,25mm² WHITE	0,25mm² BROWN	0,25mm² GREEN	0,25mm² YELLOW	0,25mm² GREY	0,25mm² PINK	0,25mm² BLUE	0,25mm² RED
R00500	R00501	R00502	R00503	R00504	R00505	R00506	R00507
24VDC	24VDC	24VDC	24VDC	24VDC	24VDC	24VDC	24VDC
64N1-M	64N1-M	64P1-M	64P1-M	64V9-M	64V9-M	64SR1-M	64SR1-M

A1 12 14 / A2 11

(017.4C) / 24-5.13 ▶ 24VDC — 1mm² BLUE

WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO
14 – 12 – 11 (042.3C)	14 – 12 – 11 (042.4C)	14 – 12 – 11 (042.4C)	14 – 12 – 11 (042.5C)	14 – 12 – 11 (042.6C)	14 – 12 – 11 (042.7C)	14 – 12 – 11 (042.7C)	14 – 12 – 11 (042.8C)

24-5.13 ▶ 24-5.13 / (043.2D)

START AIR LIFT FEEDING BELT

STOP AIR LIFT FEEDING BELT

START FIRE FIGHTING PUMP

STOP FIRE FIGHTING PUMP

START HOPPER FOR WEIGHING BELT 64WG2

STOP HOPPER FOR WEIGHING BELT 64WG2

START DETERGENT POWDER VIBRATING SIEVE

STOP DETERGENT POWDER VIBRATING SIEVE

RACK 0: 0 CPU | 1 ENBT | 2 OB32 | 3 OB32 | 4 OB32 | 5 OB32 | 6 OB32 | 7 OB32 | 8 OB32 | 9 OB32 | 10 OB32 | 15 CNB

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DIGITAL OUTPUT RACK 0, DO005

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JOB 2F11

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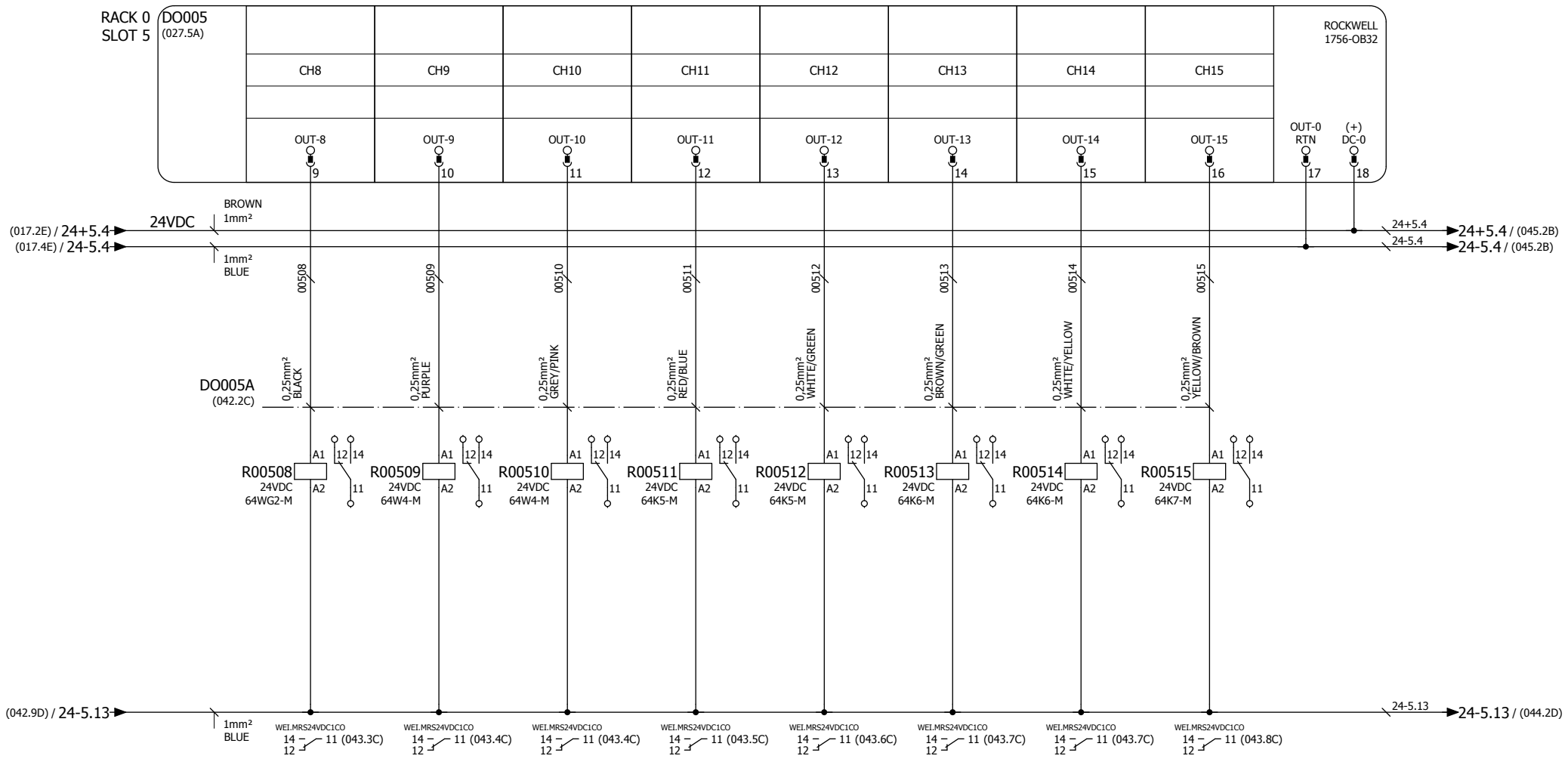
043 n.sh



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1	REVISED	TIE	02/10/2012		
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DIGITAL OUTPUT RACK 0, DO005

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044 n.sh

RACK 0
SLOT 5

DO005
(027.5A)

ROCKWELL
1756-OB32

CH16	CH17	CH18	CH19	CH20	CH21	CH22	CH23
OUT-16	OUT-17	OUT-18	OUT-19	OUT-20	OUT-21	OUT-22	OUT-23
19	20	21	22	23	24	25	26

DO005A
(042.2C)

	00516	00517	00518	00519	00520	00521	00522	00523
0,25mm²	WHITE/GREY	GREY/BROWN	WHITE/PINK	PINK/BROWN	WHITE/BLUE	BROWN/BLUE	WHITE/RED	BROWN/RED

	R00516	R00517	R00518	R00519	R00520	R00521	R00522	R00523
	24VDC	24VDC	24VDC	24VDC	24VDC	24VDC	24VDC	24VDC
	64K7-M	64Z1-M	64Z1-M	64Z2-M	64Z2-M	64WG3-M	64WG4-M	65K1-M

A1 12 14 / A2 11

(043.9D) / 24-5.13 ► 24VDC 1mm² BLUE

24-5.13 ► 24-5.13 / (045.2D)

WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO
14 – 12 – 11 (044.3C)	14 – 12 – 11 (044.4C)	14 – 12 – 11 (044.4C)	14 – 12 – 11 (044.5C)	14 – 12 – 11 (044.6C)	14 – 12 – 11 (044.7C)	14 – 12 – 11 (044.7C)	14 – 12 – 11 (044.8C)

STOP PNEUMATIC TRANSPORT BLOWER

START SULPHATE ROTARY VALVE

STOP SULPHATE ROTARY VALVE

START SULPHATE ROTARY VALVE

STOP SULPHATE ROTARY VALVE

START/STOP ZEOLITE WEIGHING BELT

START/STOP ZEOLITE WEIGHING BELT

START DEDUSTING FILTER FAN

RACK 0: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 — CPU | ENBT | OB32 | OB32 | OB32 | OB32 | OB32 | OB32 | OB32 | OB32 | OB32 | CNB

				SABIZ PLANT 90.CAB.1		DIGITAL OUTPUT RACK 0, DO005	= +
0	ISSUE FOR APPROVAL	TIE	18/05/2012				
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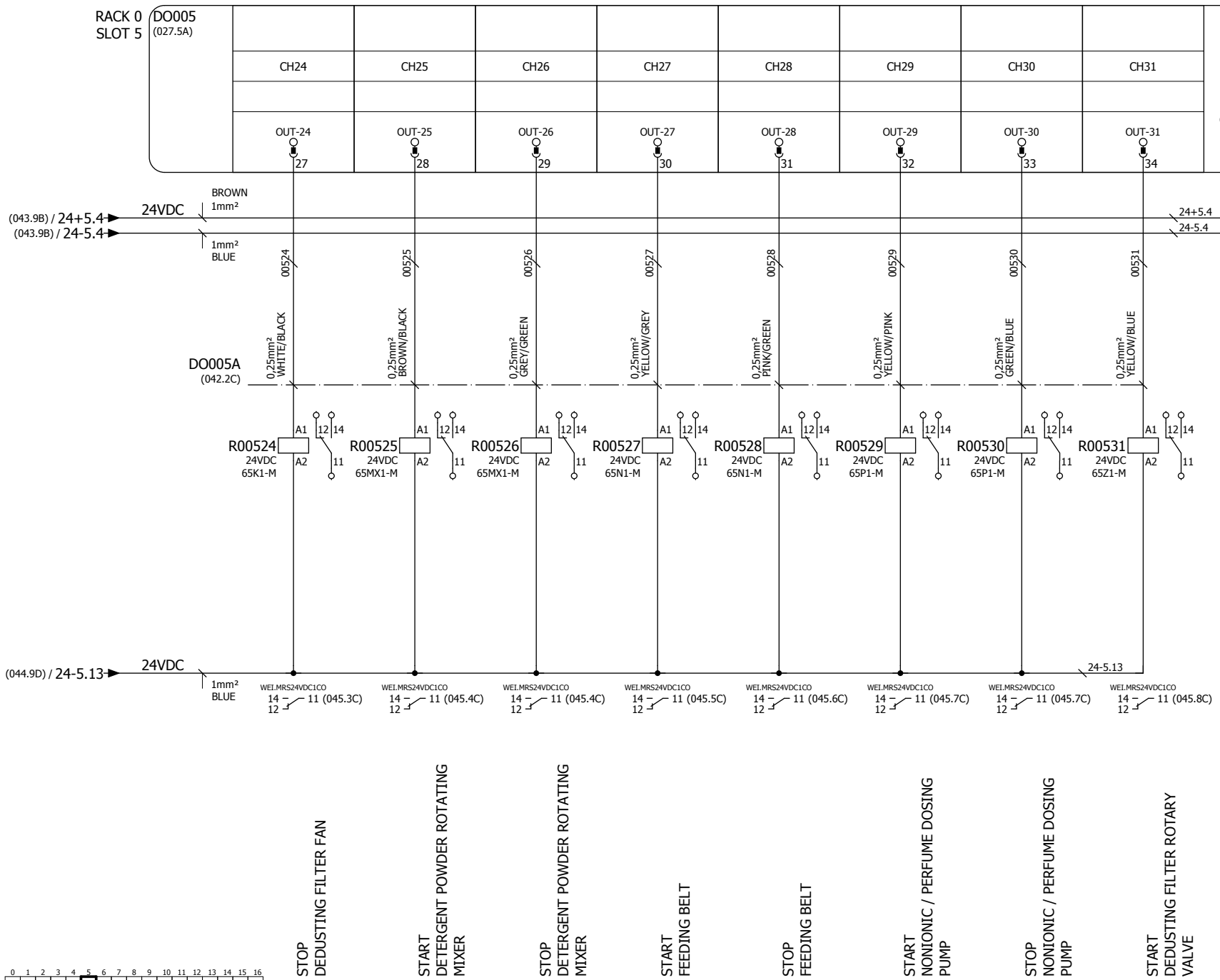

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1	REVISED	TIE	02/10/2012
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DIGITAL OUTPUT RACK 0, DO005

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JOB 2F11

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Sheet 045
046 n.sh

RACK 0
SLOT 6

DO006
(027.5A)

ROCKWELL
1756-OB32

CH0	CH1	CH2	CH3	CH4	CH5	CH6	CH7
OUT-0	OUT-1	OUT-2	OUT-3	OUT-4	OUT-5	OUT-6	OUT-7
1	2	3	4	5	6	7	8
00600	00601	00602	00603	00604	00605	00606	00607

DO006A
(047.2C)
(048.2C)
(049.2C)

0,25mm² WHITE	0,25mm² BROWN	0,25mm² GREEN	0,25mm² YELLOW	0,25mm² GREY	0,25mm² PINK	0,25mm² BLUE	0,25mm² RED

R00600	R00601	R00602	R00603	R00604	R00605	R00606	R00607
24VDC	24VDC	24VDC	24VDC	24VDC	24VDC	24VDC	24VDC
65Z1-M	65WG1-M	65WG2-M	65WG3-M	65N2-M	65N2-M	65WG8-M	65WG4-M

A1 12 14 / A2 11

(017.4C) / 24-5.14 ▶ 24VDC 1mm² BLUE

24-5.14 ▶ 24-5.14 / (047.2D)

WEI.MRS24VDC1CO

R00600	R00601	R00602	R00603	R00604	R00605	R00606	R00607
14 – 12 – 11 (046.3C)	14 – 12 – 11 (046.4C)	14 – 12 – 11 (046.4C)	14 – 12 – 11 (046.5C)	14 – 12 – 11 (046.6C)	14 – 12 – 11 (046.7C)	14 – 12 – 11 (046.7C)	14 – 12 – 11 (046.8C)

R00600	R00601	R00602	R00603	R00604	R00605	R00606	R00607
STOP DEDUSTING FILTER ROTARY VALVE	START/STOP ADDITIONAL SOLID PROPORTIONING BELT	START/STOP SODIUM PERBORATE PROPORTIONING BELT	START/STOP SPECKLES LOSS IN WEIGHT	START DEDUSTING FILTER ROTARY VALVE	STOP DEDUSTING FILTER ROTARY VALVE	START/STOP ADDITIONAL SOLID PROPORTIONING BELT	START/STOP ENZYME LOSS IN WEIGHT

RACK 0

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
CPU	ENBT	OB32	OB32	OB32	OB32	OB32	OB32	OB32	OB32	OB32	OB32					CNB

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DIGITAL OUTPUT RACK 0, DO006

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Sheet 046
047 n.sh

RACK 0
SLOT 6

DO006
(027.5A)

ROCKWELL
1756-OB32

CH8	CH9	CH10	CH11	CH12	CH13	CH14	CH15
OUT-8	OUT-9	OUT-10	OUT-11	OUT-12	OUT-13	OUT-14	OUT-15
9	10	11	12	13	14	15	16

OUT-0 RTN 17 — (+) DC-0 18

(017.2E) / 24+5.5 ► 24VDC BROWN 1mm² — 24+5.5 ► 24+5.5 / (049.2B)
(017.4E) / 24-5.5 ► 1mm² BLUE — 24-5.5 ► 24-5.5 / (049.2B)

DO006A
(046.2C)

	00608	00609	00610	00611	00612	00613	00614	00615
0,25mm²	BLACK	PURPLE	GREY/PINK	RED/BLUE	WHITE/GREEN	BROWN/GREEN	WHITE/YELLOW	YELLOW/BROWN
	R00608	R00609	R00610	R00611	R00612	R00613	R00614	R00615
	24VDC 65WG9-M	24VDC 65WG7-M	24VDC 65WG5-M	24VDC 65WG10-M	24VDC 65K3-M	24VDC 65K3-M	24VDC 65N5-M	24VDC 65N5-M

(046.9D) / 24-5.14 ► 1mm² BLUE — 24-5.14 ► 24-5.14 / (048.2D)

WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO
14 – 12 – 11 (047.3C)	14 – 12 – 11 (047.4C)	14 – 12 – 11 (047.4C)	14 – 12 – 11 (047.5C)	14 – 12 – 11 (047.6C)	14 – 12 – 11 (047.7C)	14 – 12 – 11 (047.7C)	14 – 12 – 11 (047.8C)
START/STOP ADDITIONAL SOLID LOSS IN WEIGHT	START/STOP ADDITIONAL SOLID PROPORTIONING BELT	START/STOP CMC LOSS IN WEIGHT	START/STOP O.B.LOSS IN WEIGHT	START DEDUSTING FILTER FAN	STOP DEDUSTING FILTER FAN	START FEEDING BELT	STOP FEEDING BELT

RACK 0: 0 CPU | 1 ENBT | 2 OB32 | 3 OB32 | 4 OB32 | 5 OB32 | 6 OB32 | 7 OB32 | 8 OB32 | 9 OB32 | 10 OB32 | 11 | 12 | 13 | 14 | 15 CNB | 16

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1	REVISED	TIE	02/10/2012
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DIGITAL OUTPUT RACK 0, DO006

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RACK 0
SLOT 6

DO006
(027.5A)

ROCKWELL
1756-OB32

CH16	CH17	CH18	CH19	CH20	CH21	CH22	CH23
OUT-16	OUT-17	OUT-18	OUT-19	OUT-20	OUT-21	OUT-22	OUT-23
19	20	21	22	23	24	25	26
00616	00617	00618	00619	00620	00621	00622	00623
0,25mm² WHITE/GREY	0,25mm² GREY/BROWN	0,25mm² WHITE/PINK	0,25mm² PINK/BROWN	0,25mm² WHITE/BLUE	0,25mm² BROWN/BLUE	0,25mm² WHITE/RED	0,25mm² BROWN/RED

DO006A
(046.2C)

	R00616	R00617	R00618	R00619	R00620	R00621	R00622	R00623
	24VDC	24VDC	24VDC	24VDC	24VDC	24VDC	24VDC	24VDC
	65N6-M	65N6-M	65N6-M	65N7-M	65N7-M	KC62.11A	KC62.13	KC62.12
	A1	A1	A1	A1	A1	A1	A1	A1
	12 14	12 14	12 14	12 14	12 14	12 14	12 14	12 14
	A2 11	A2 11	A2 11	A2 11	A2 11	A2 11	A2 11	A2 11

(047.9D) / 24-5.14 ▶ 24VDC — 1mm² BLUE

24-5.14 ▶ 24-5.14 / (049.2D)

WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO
14 – 12 – 11 (048.3C)	14 – 12 – 11 (048.4C)	14 – 12 – 11 (048.4C)	14 – 12 – 11 (048.5C)	14 – 12 – 11 (048.6C)	14 – 12 – 11 (048.7C)	14 – 12 – 11 (048.7C)	14 – 12 – 11 (048.8C)
START RIGHT SPEED PACKAGING SILOS FEEDING BELT	START LEFT SPEED PACKAGING SILOS FEEDING BELT	STOP PACKAGING SILOS FEEDING BELT	START PACKAGING SILOS FEEDING BELT	STOP PACKAGING SILOS FEEDING BELT	START VIBRATOR 62WG1	START VIBRATOR 62WG3	START VIBRATOR 62WG4

RACK 0: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 — CPU | ENBT | OB32 | OB32 | OB32 | OB32 | OB32 | OB32 | OB32 | OB32 | OB32 | CNB

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DIGITAL OUTPUT RACK 0, DO006
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JOB 2F11

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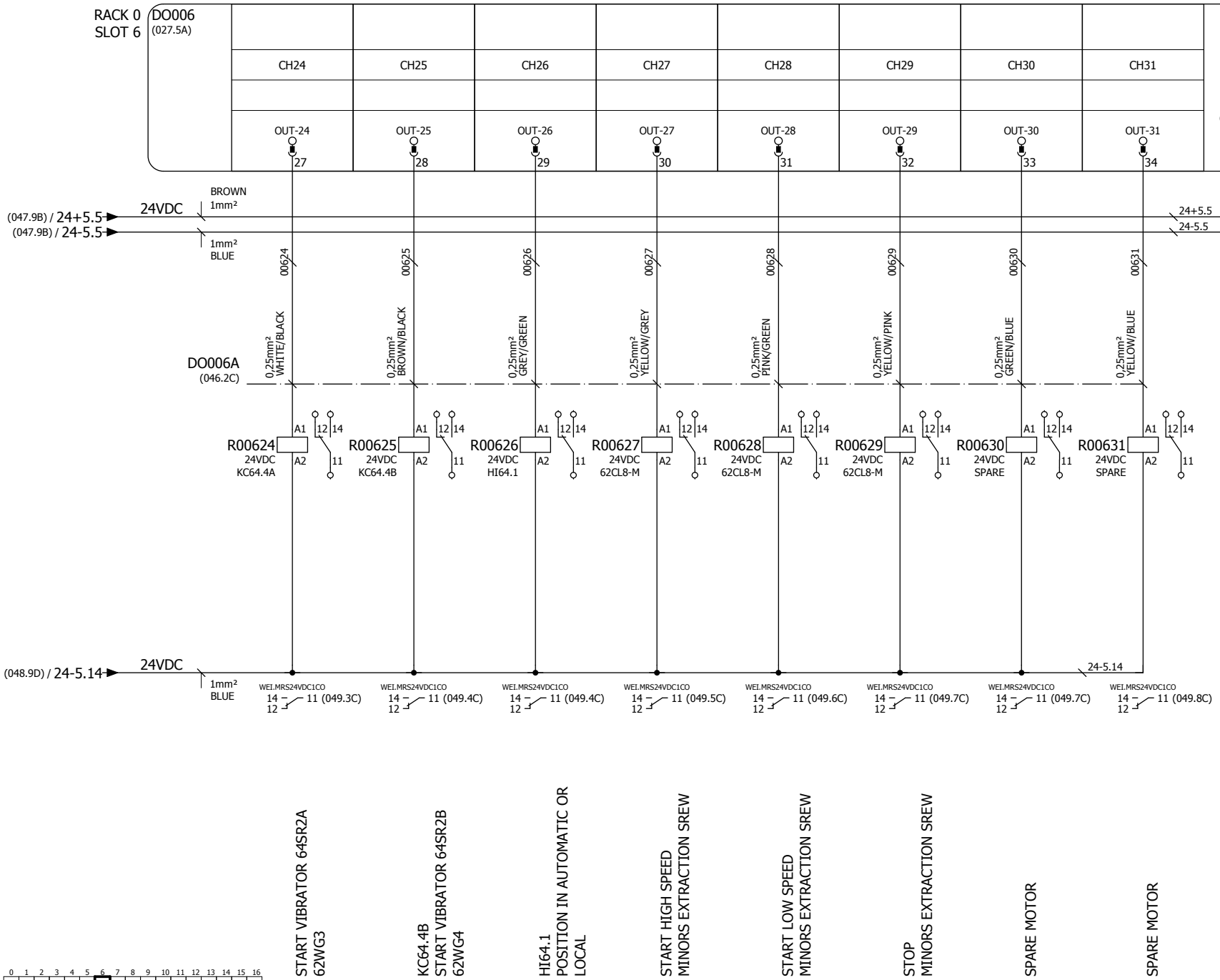
Sheet 048
049 n.sh



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1	REVISED	TIE	02/10/2012
0	ISSUE FOR APPROVAL	TIE	18/05/2012

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DWG. 2F11-85-001

Sheet 049
050 n.sh

RACK 0
SLOT 7

DO007
(027.5A)

ROCKWELL
1756-OB32

CH0	CH1	CH2	CH3	CH4	CH5	CH6	CH7
OUT-0	OUT-1	OUT-2	OUT-3	OUT-4	OUT-5	OUT-6	OUT-7
1	2	3	4	5	6	7	8
00700	00701	00702	00703	00704	00705	00706	00707

DO007A
(051.2C)
(052.2C)
(053.2C)

0,25mm² WHITE	0,25mm² BROWN	0,25mm² GREEN	0,25mm² YELLOW	0,25mm² GREY	0,25mm² PINK	0,25mm² BLUE	0,25mm² RED
R00700	R00701	R00702	R00703	R00704	R00705	R00706	R00707
24VDC SPARE	24VDC SPARE	24VDC SPARE	24VDC SPARE	24VDC SPARE	24VDC SPARE	24VDC SPARE	24VDC SPARE
A1 12 14	A1 12 14	A1 12 14	A1 12 14	A1 12 14	A1 12 14	A1 12 14	A1 12 14
A2 11	A2 11	A2 11	A2 11	A2 11	A2 11	A2 11	A2 11

(017.5C) / 24-5.15 ► 24VDC 1mm² BLUE

WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO	WEI.MRS24VDC1CO
14 – 12 – 11 (050.3C)	14 – 12 – 11 (050.4C)	14 – 12 – 11 (050.4C)	14 – 12 – 11 (050.5C)	14 – 12 – 11 (050.6C)	14 – 12 – 11 (050.7C)	14 – 12 – 11 (050.7C)	14 – 12 – 11 (050.8C)

24-5.15 ► 24-5.15 / (051.2D)

SPARE MOTOR | SPARE MOTOR | SPARE MOTOR | SPARE MOTOR | SPARE MOTOR | SPARE MOTOR | SPARE MOTOR | SPARE MOTOR

RACK 0: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
CPU | ENBT | OB32 | OB32 | OB32 | OB32 | OB32 | OB32 | OB32 | OB32 | OB32 | | | | | | CNB

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0	ISSUE FOR APPROVAL	TIE	18/05/2012		

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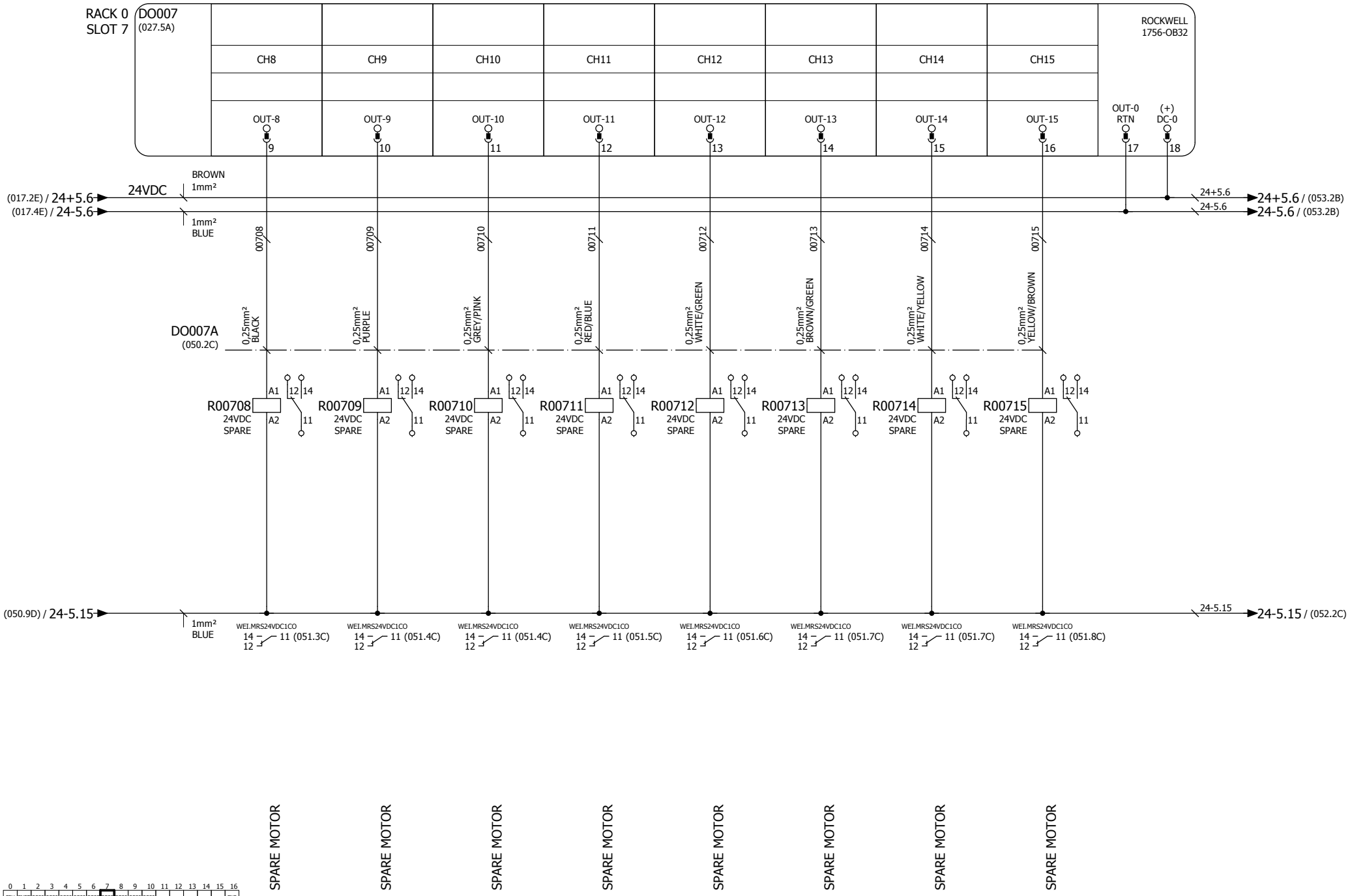
DIGITAL OUTPUT RACK 0, DO007

Page title

JOB 2F11

DWG. 2F11-85-001

Sheet 050
051 n.sh



Rev.	Modification	Author	Date	Replacement	Replaced by
1	REVISED	TIE	02/10/2012		
0	ISSUE FOR APPROVAL	TIE	18/05/2012		

SABIZ PLANT
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DIGITAL OUTPUT RACK 0, DO007

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JOB 2F11

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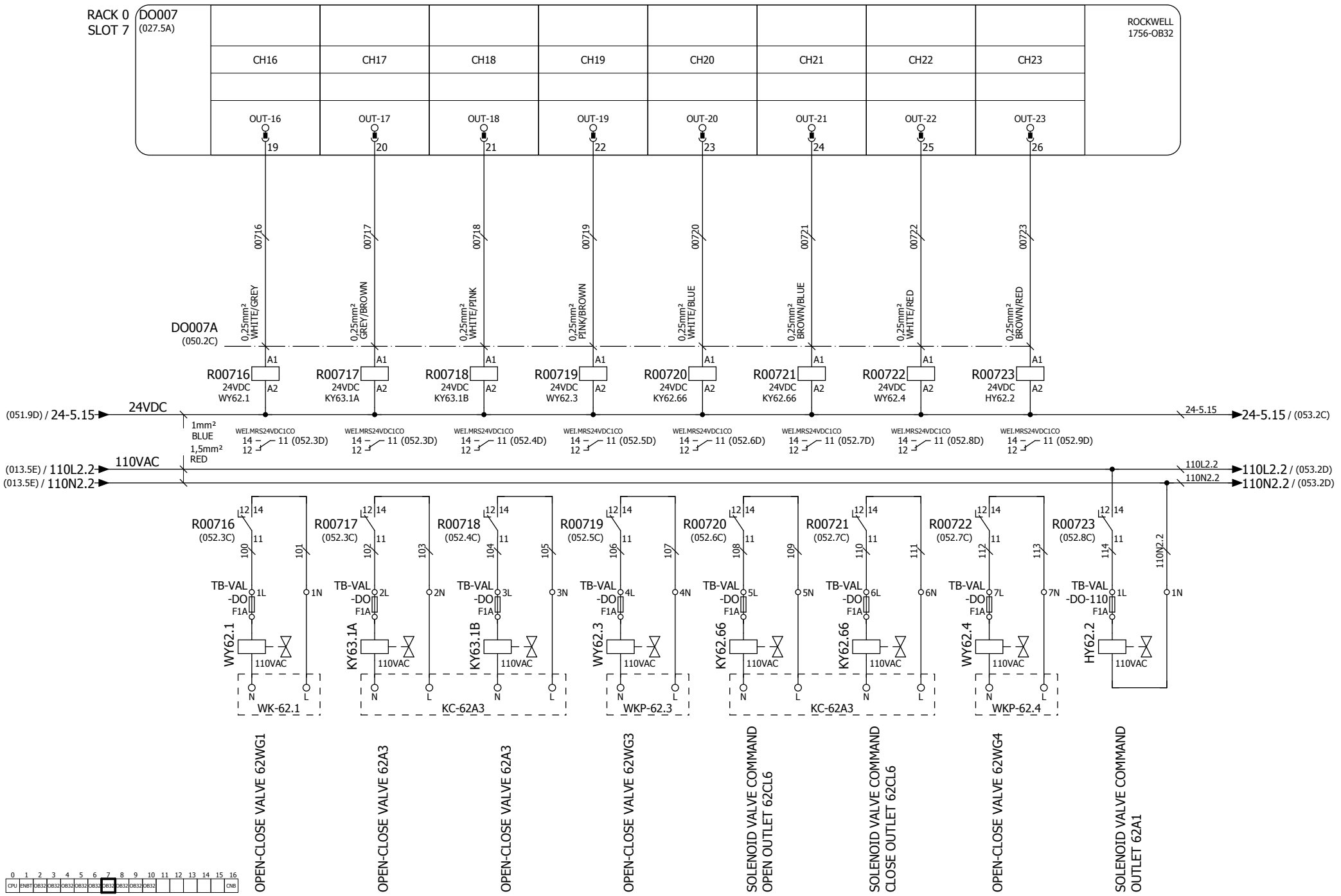
Sheet 051
052 n.sh



Rev.	Modification	Author	Date	Replacement	Replaced by
0	ISSUE FOR APPROVAL	TIE	18/05/2012		

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DIGITAL OUTPUT RACK 0, DO007

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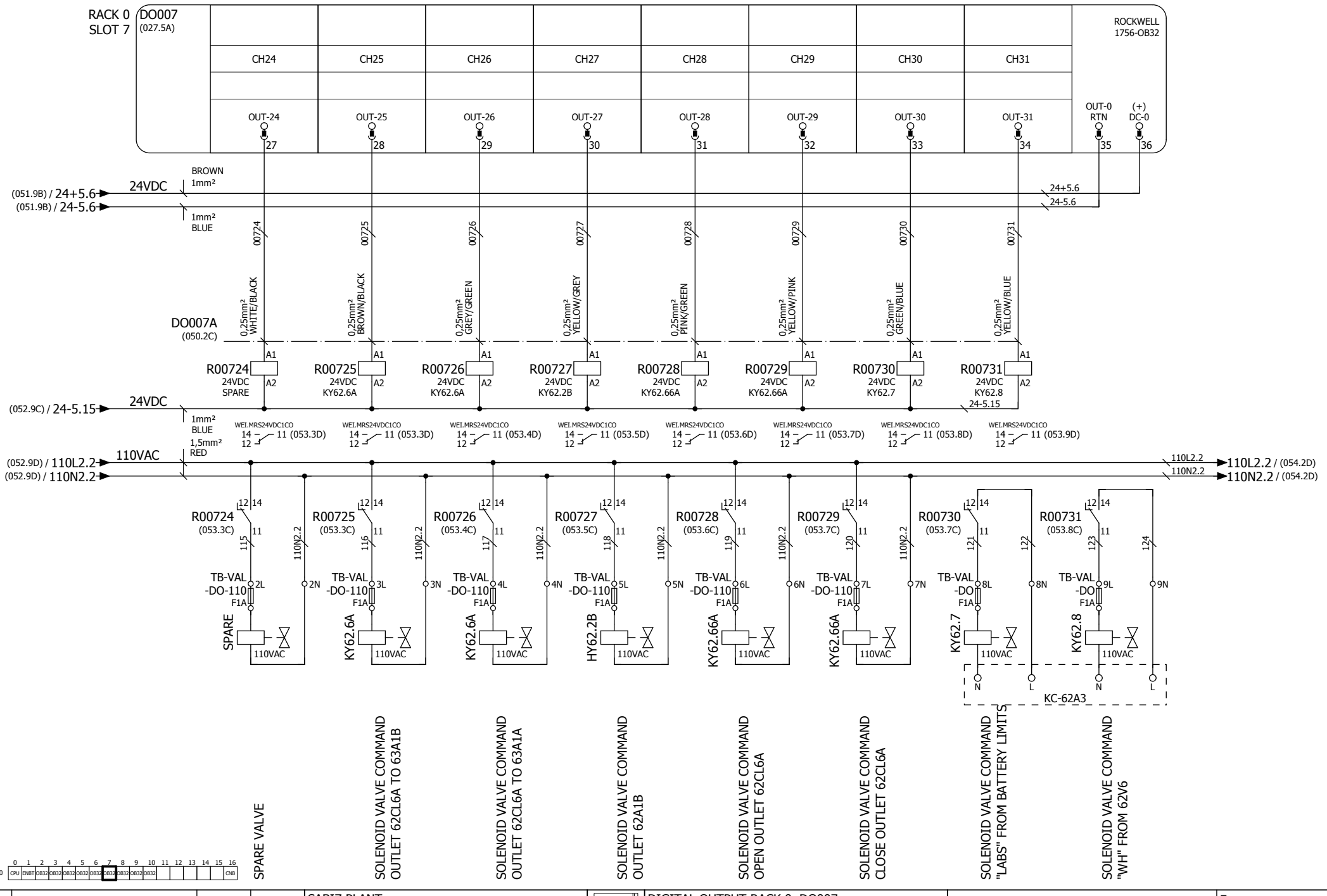
053 n.sh



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1	REVISED	TIE	02/10/2012
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90.CAB.1

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DIGITAL OUTPUT RACK 0, DO007

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JOB 2F11

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Sheet 053
054 n.sh

RACK 0
SLOT 8
DO008
(027.6A)

ROCKWELL
1756-OB32

CH0	CH1	CH2	CH3	CH4	CH5	CH6	CH7
OUT-0	OUT-1	OUT-2	OUT-3	OUT-4	OUT-5	OUT-6	OUT-7
1	2	3	4	5	6	7	8
00800	00801	00802	00803	00804	00805	00806	00807

DO008A
(055.2C)
(056.2C)
(057.2C)

0,25mm² WHITE	0,25mm² BROWN	0,25mm² GREEN	0,25mm² YELLOW	0,25mm² GREY	0,25mm² PINK	0,25mm² BLUE	0,25mm² RED
R00800 24VDC KY62.9	R00801 24VDC KY62.10	R00802 24VDC KY62.11	R00803 24VDC KY62.12	R00804 24VDC KY62.13	R00805 24VDC KY63.4	R00806 24VDC KY62SR11A	R00807 24VDC KY62SR11B

(017.5C) / 24-5.16 → 24VDC 1mm² BLUE 1,5mm² RED → 24-5.16 → 24-5.16 / (055.2C)

WEI.MRS24VDC1CO 14 – 12 – 11 (054.3D) / 11 (054.3D) / 11 (054.4D) / 11 (054.5D) / 11 (054.6D) / 11 (054.7D) / 11 (054.8D) / 11 (054.9D)

(053.9D) / 110L2.2 → 110VAC → 110L2.2 / (055.2D)
(053.9D) / 110N2.2 → 110N2.2 / (055.2D)

R00800 (054.3C)	R00801 (054.3C)	R00802 (054.4C)	R00803 (054.5C)	R00804 (054.6C)	R00805 (054.7C)	R00806 (054.7C)	R00807 (054.8C)
12 14 11	12 14 11	12 14 11	12 14 11	12 14 11	12 14 11	12 14 11	12 14 11
125 126	127 128	129 130	131 132	133 134	135 110N2.2	136 110N2.2	137 110N2.2
TB-VAL -DO F1A	TB-VAL -DO F1A	TB-VAL -DO F1A	TB-VAL -DO F1A	TB-VAL -DO F1A	TB-VAL -DO-110 F1A	TB-VAL -DO-110 F1A	TB-VAL -DO-110 F1A
10L 10N	11L 11N	12L 12N	13L 13N	14L 14N	8L 8N	9L 9N	10L 10N
KY62.9 110VAC	KY62.10 110VAC	KY62.11 110VAC	KY62.12 110VAC	KY62.13 110VAC	KY63.4 110VAC	KY62SR11A 110VAC	KY62SR11B 110VAC
N L	N L	N L	N L	N L			

KC-62A3

SOLENOID VALVE COMMAND "SODIUM SILICATE" FROM BATTERY LIMITS	SOLENOID VALVE COMMAND "SB" FROM 62A2	SOLENOID VALVE COMMAND "POLYMER" FROM BATTERY LIMITS	SOLENOID VALVE COMMAND "POLYMER" FROM BATTERY LIMITS	SOLENOID VALVE COMMAND "CAUSTIC SODA" FROM BATTERY LIMITS	SOLENOID VALVE COMMAND "WATER" TO 63V2	OPEN-CLOSE VALVE VIBRATOR 62SR11A	OPEN-CLOSE VALVE VIBRATOR 62SR11B

RACK 0: 0 CPU | 1 ENBT | 2 OB32 | 3 OB32 | 4 OB32 | 5 OB32 | 6 OB32 | 7 OB32 | 8 OB32 | 9 OB32 | 10 OB32 | 11 | 12 | 13 | 14 | 15 | 16 CNB

				SABIZ PLANT 90.CAB.1		DIGITAL OUTPUT RACK 0, DO008	= +
0	ISSUE FOR APPROVAL	TIE	18/05/2012				
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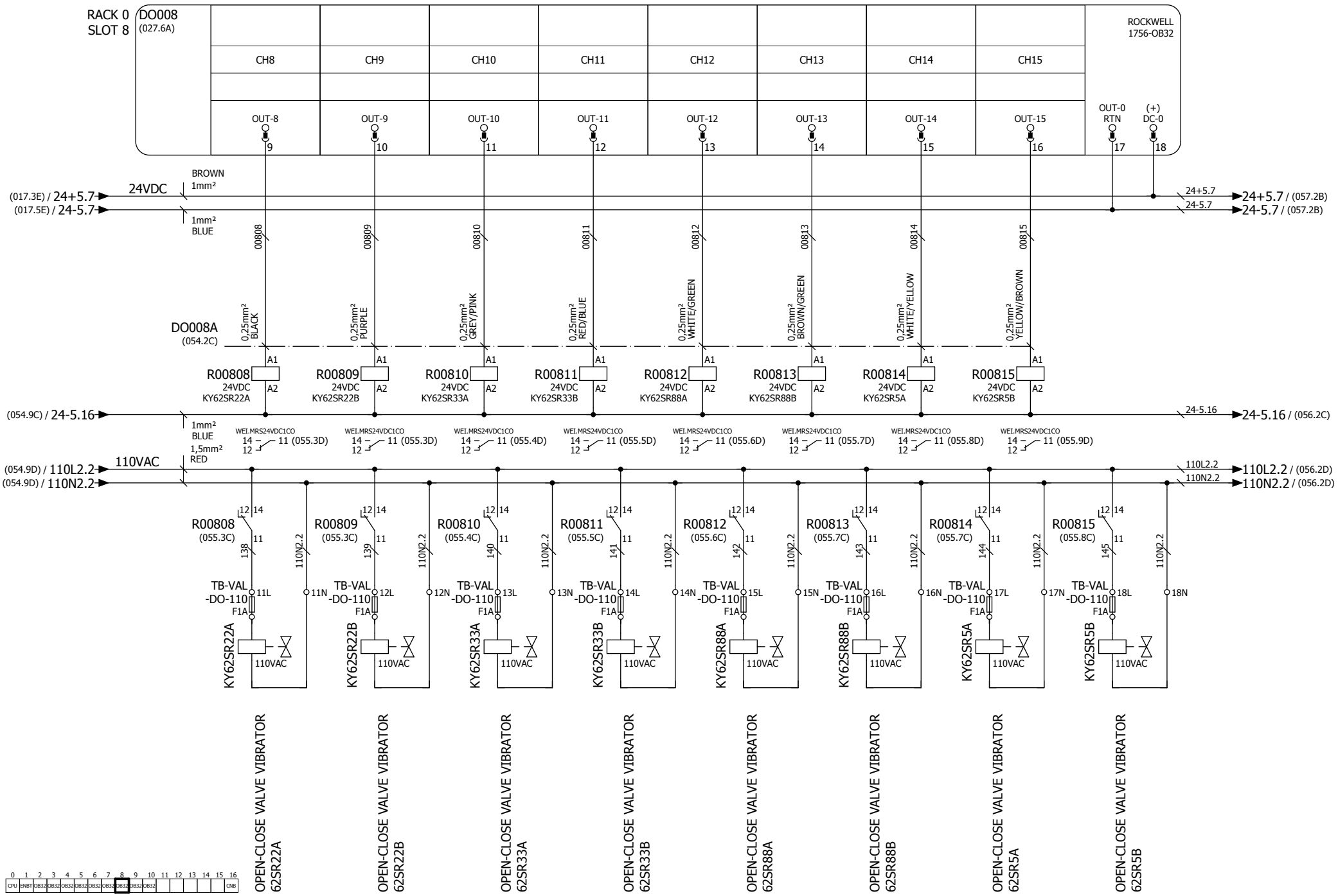

Rev.	Modification	Author	Date
1	REVISED	TIE	02/10/2012
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DIGITAL OUTPUT RACK 0, DO008

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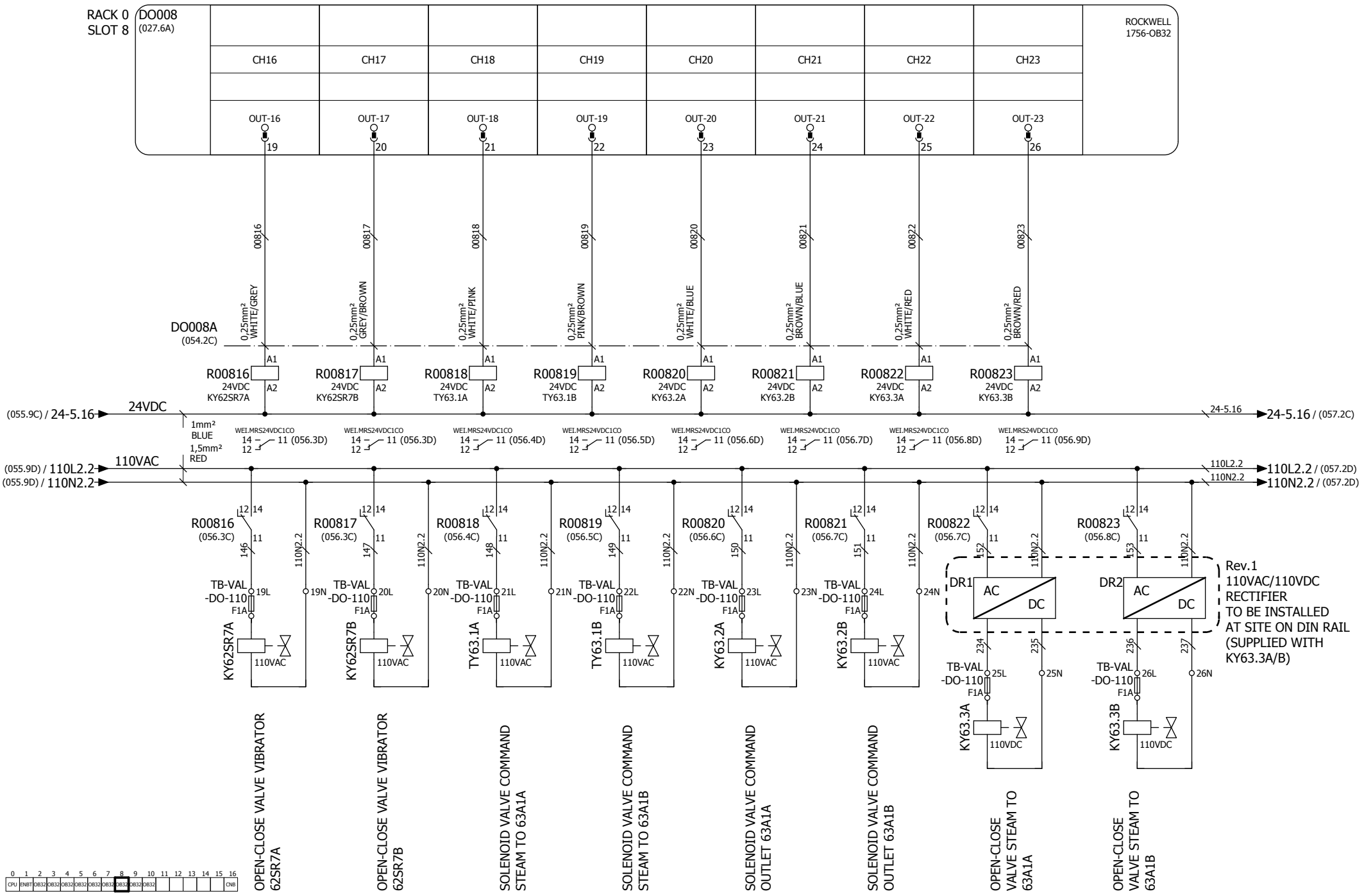
056 n.sh



Rev.	Modification	Author	Date
1	REVISED	TIE	02/10/2012
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90.CAB.1

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DIGITAL OUTPUT RACK 0, DO008

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JOB 2F11

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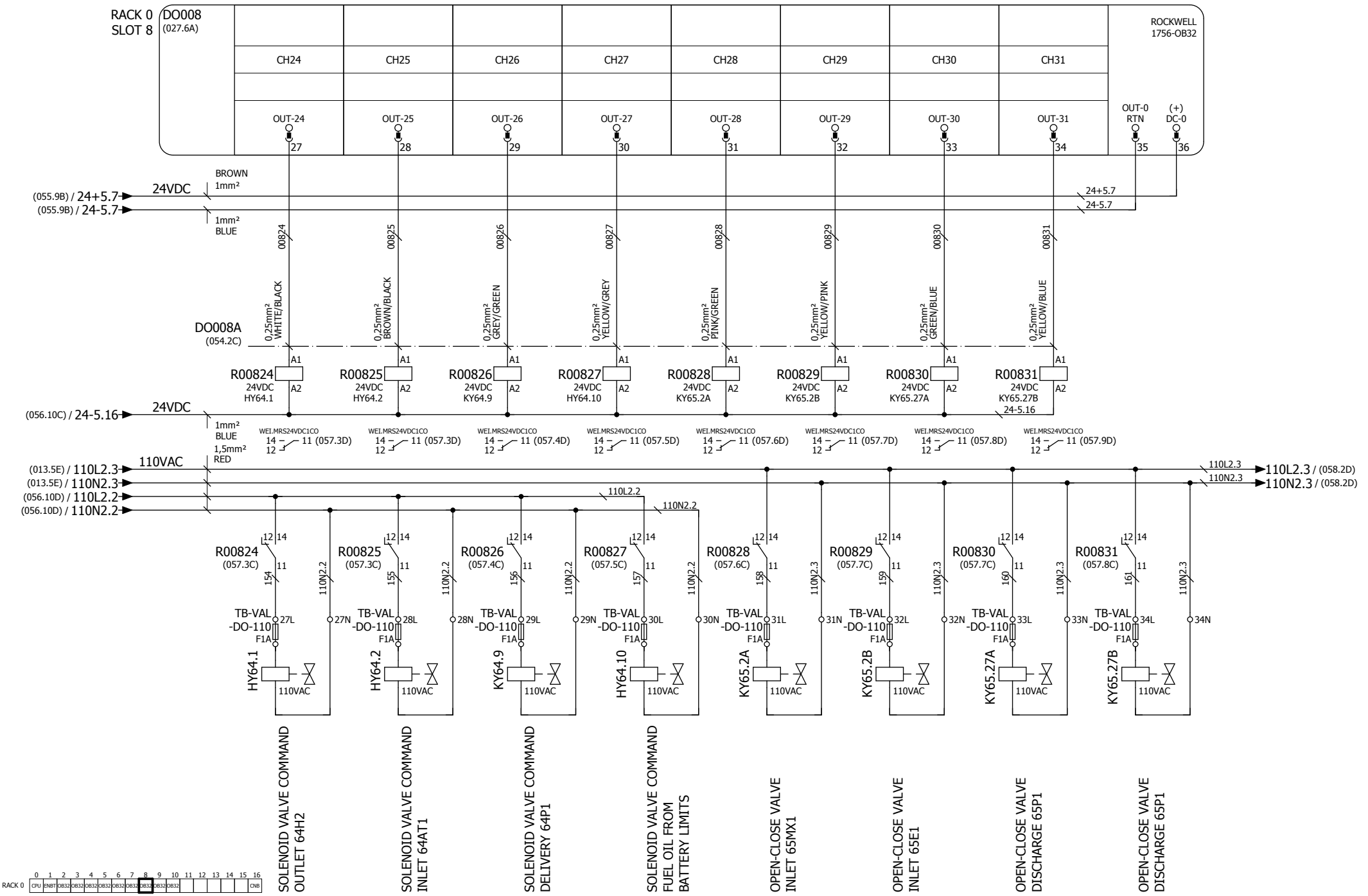
Sheet 056
057 n.sh



Rev.	Modification	Author	Date
1	REVISED	TIE	02/10/2012
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90.CAB.1

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DIGITAL OUTPUT RACK 0, DO008

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JOB 2F11

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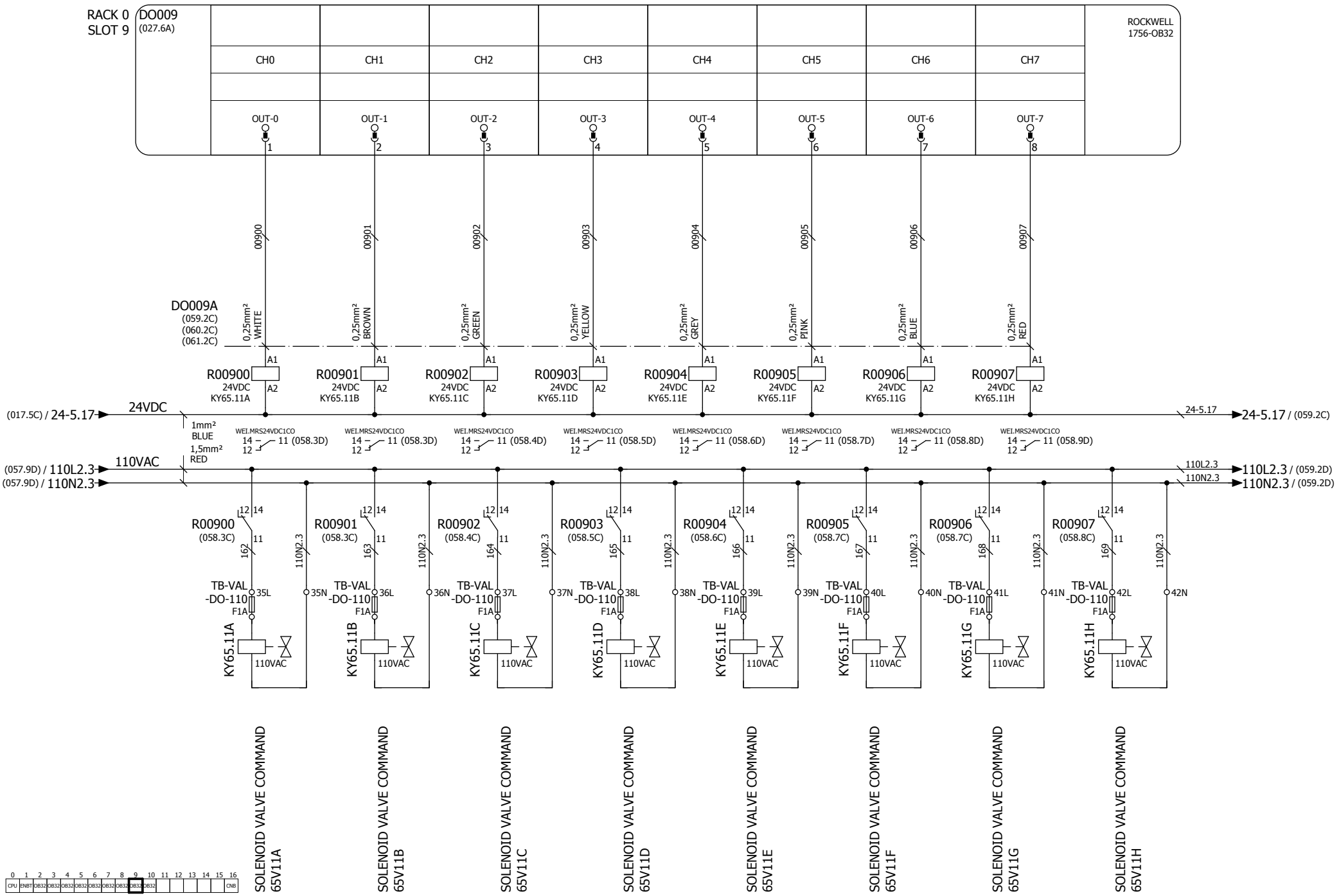
Sheet 057
058 n.sh



				SABIZ PLANT 90.CAB.1		DIGITAL OUTPUT RACK 0, DO009	=
0	ISSUE FOR APPROVAL	TIE	18/05/2012				+
Rev.	Modification	Author	Date	Replacement	Replaced by	Page title	JOB 2F11 / DWG. 2F11-85-001 / Sheet 058 / 059 n.sh

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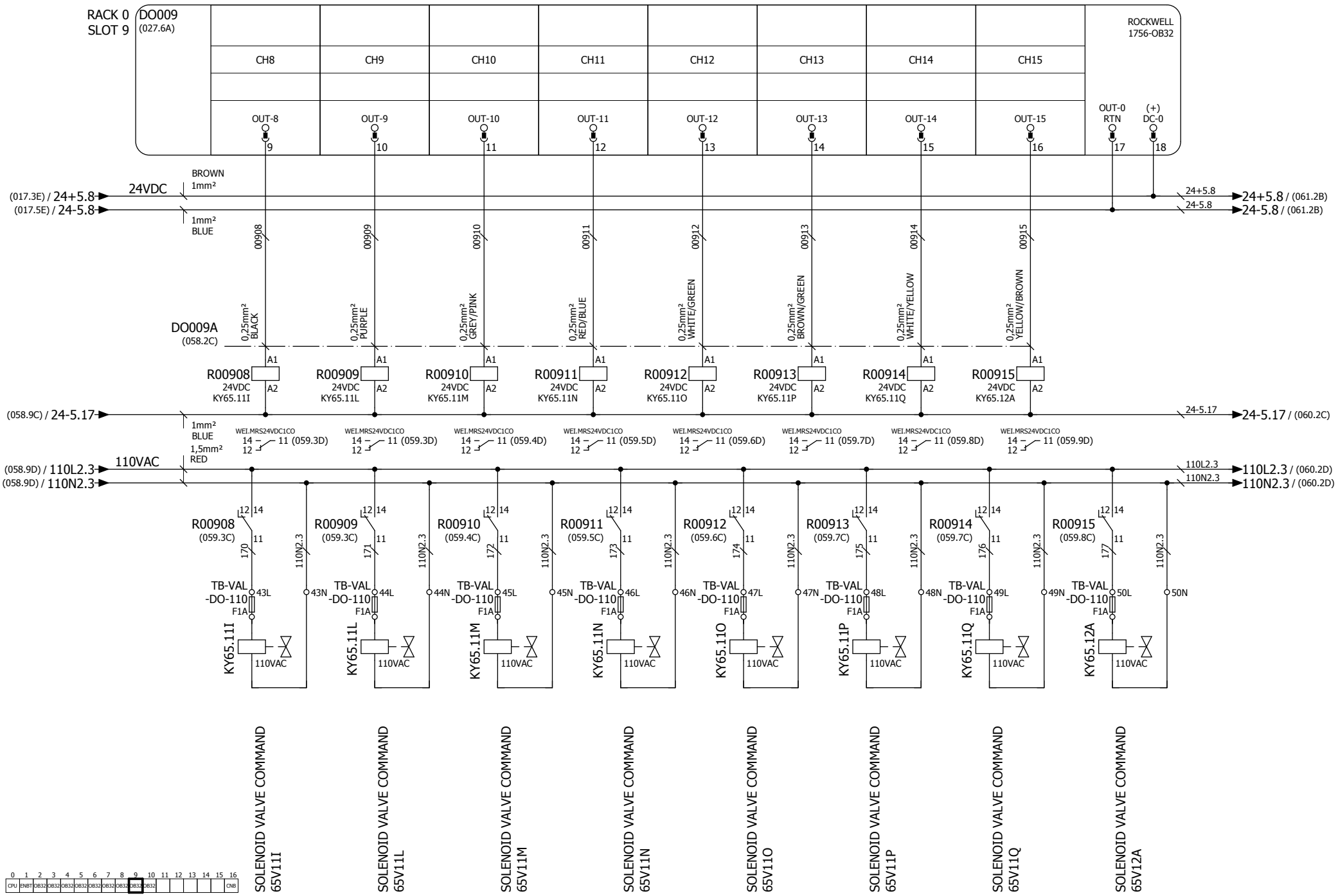

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1	REVISED	TIE	02/10/2012
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SABIZ PLANT
90.CAB.1

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DIGITAL OUTPUT RACK 0, DO009

Page title

JOB 2F11

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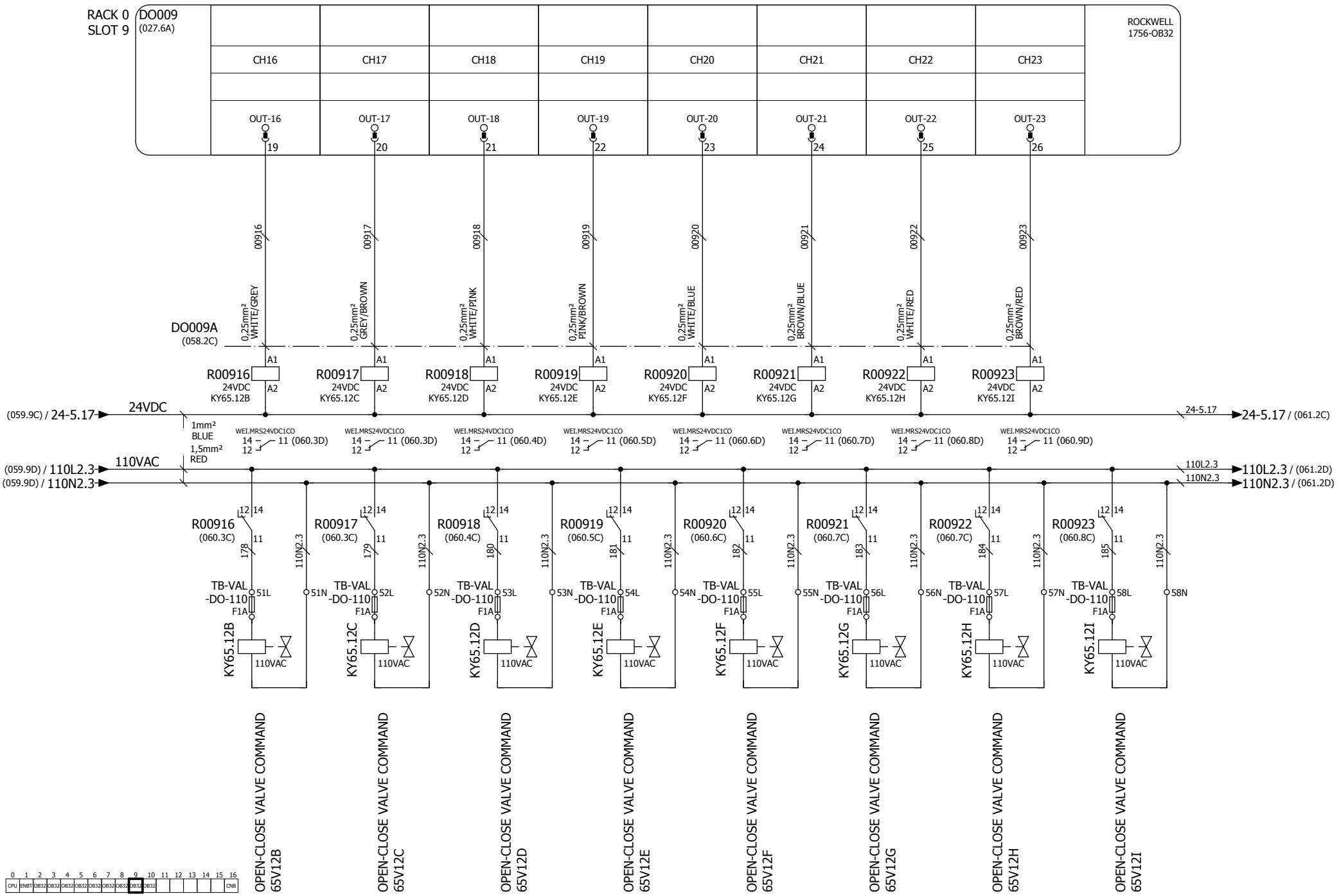
Sheet 059
060 n.sh



				SABIZ PLANT 90.CAB.1		DIGITAL OUTPUT RACK 0, DO009	= +
0	ISSUE FOR APPROVAL	TIE	18/05/2012			JOB 2F11	DWG. 2F11-85-001 Sheet 060
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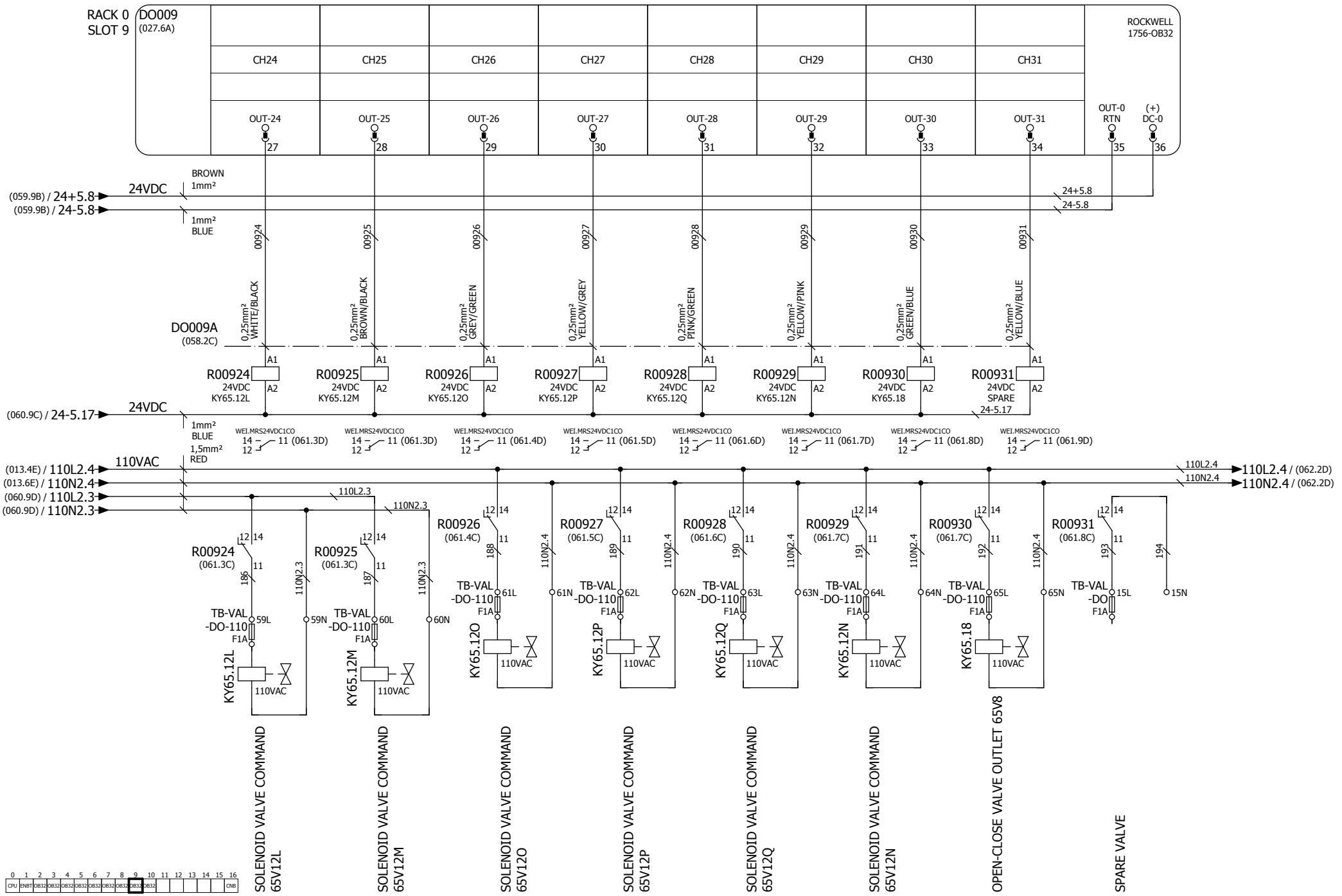

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SABIZ PLANT
90.CAB.1

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DIGITAL OUTPUT RACK 0, DO009

Page title

JOB 2F11

DWG. 2F11-85-001

Sheet 061
062 n.sh

RACK 0
SLOT 10
DO010
(027.6A)

ROCKWELL
1756-OB32

CH0	CH1	CH2	CH3	CH4	CH5	CH6	CH7
OUT-0	OUT-1	OUT-2	OUT-3	OUT-4	OUT-5	OUT-6	OUT-7
1	2	3	4	5	6	7	8
01000	01001	01002	01003	01004	01005	01006	01007

DO010A
(063.2C)
(064.2C)
(065.2C)

0,25mm² WHITE	0,25mm² BROWN	0,25mm² GREEN	0,25mm² YELLOW	0,25mm² GREY	0,25mm² PINK	0,25mm² BLUE	0,25mm² RED
R01000 24VDC SPARE	R01001 24VDC SPARE	R01002 24VDC SPARE	R01003 24VDC SPARE	R01004 24VDC SPARE	R01005 24VDC SPARE	R01006 24VDC SPARE	R01007 24VDC KY62.6

(017.5C) / 24-5.18 ▶ 24VDC — 1mm² BLUE — 24-5.18 ▶ 24-5.18 / (063.2C)

WEI.MRS24VDC1CO 14 – 12 – 11 (062.3D) | 11 (062.3D) | 11 (062.4D) | 11 (062.5D) | 11 (062.6D) | 11 (062.7D) | 11 (062.8D) | 11 (062.9D)

(061.9D) / 110L2.4 ▶ 110VAC — 1,5mm² RED — 110L2.4 ▶ 110L2.4 / (063.2D)
(061.9D) / 110N2.4 ▶ 110N2.4 ▶ 110N2.4 / (063.2D)

	R01000 (062.3C)	R01001 (062.3C)	R01002 (062.4C)	R01003 (062.5C)	R01004 (062.6C)	R01005 (062.7C)	R01006 (062.7C)	R01007 (062.8C)
12 / 14 / 11	195 / 196	197 / 198	199 / 200	201 / 202	203 / 204	205 / 206	207 / 208	209 / 110N2.4
TB-VAL -DO F1A	16L / 16N	17L / 17N	18L / 18N	19L / 19N	20L / 20N	21L / 21N	22L / 22N	66L / 66N
	SPARE VALVE	SPARE VALVE	SPARE VALVE	SPARE VALVE	SPARE VALVE	SPARE VALVE	SPARE VALVE	SOLENOID VALVE COMMAND OUTLET 62CL6 TO 63A1B

TB-VAL -DO-110 F1A
KY62.6
110VAC

RACK 0: 0 CPU | 1 ENBT | 2 OB32 | 3 OB32 | 4 OB32 | 5 OB32 | 6 OB32 | 7 OB32 | 8 OB32 | 9 OB32 | 10 OB32 | 11 | 12 | 13 | 14 | 15 | 16 CNB

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90.CAB.1
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DIGITAL OUTPUT RACK 0, DO010
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Sheet 062
063 n.sh

RACK 0
SLOT 10
DO010
(027.6A)

ROCKWELL
1756-OB32

CH8	CH9	CH10	CH11	CH12	CH13	CH14	CH15
OUT-8	OUT-9	OUT-10	OUT-11	OUT-12	OUT-13	OUT-14	OUT-15
9	10	11	12	13	14	15	16

OUT-0 RTN 17 — (+) DC-0 18

(017.3E) / 24+5.9 ▶ 24VDC BROWN 1mm² — 24+5.9 ▶ 24+5.9 / (065.2B)
(017.5E) / 24-5.9 ▶ 1mm² BLUE — 24-5.9 ▶ 24-5.9 / (065.2B)

01008	01009	01010	01011	01012	01013	01014	01015
0,25mm² BLACK	0,25mm² PURPLE	0,25mm² GREY/PINK	0,25mm² RED/BLUE	0,25mm² WHITE/GREEN	0,25mm² BROWN/GREEN	0,25mm² WHITE/YELLOW	0,25mm² YELLOW/BROWN

DO010A
(062.2C)

R01008	R01009	R01010	R01011	R01012	R01013	R01014	R01015
24VDC KY62.6	24VDC SPARE	24VDC SPARE	24VDC SPARE	24VDC SPARE	24VDC SPARE	24VDC SPARE	24VDC SPARE
A1 / A2	A1 / A2	A1 / A2	A1 / A2	A1 / A2	A1 / A2	A1 / A2	A1 / A2

(062.9C) / 24-5.18 ▶ 1mm² BLUE — 24-5.18 ▶ 24-5.18 / (064.2C)

WEI.MRS24VDC1CO	14 – 11 (063.3D)	14 – 11 (063.3D)	14 – 11 (063.4D)	14 – 11 (063.5D)	14 – 11 (063.6D)	14 – 11 (063.7D)	14 – 11 (063.8D)	14 – 11 (063.9D)
	12	12	12	12	12	12	12	12

(062.9D) / 110L2.4 ▶ 110VAC 1,5mm² RED — 110L2.4 ▶ 110L2.4 / (064.2D)
(062.9D) / 110N2.4 ▶ — 110N2.4 ▶ 110N2.4 / (064.2D)

R01008	R01009	R01010	R01011	R01012	R01013	R01014	R01015
(063.3C)	(063.3C)	(063.4C)	(063.5C)	(063.6C)	(063.7C)	(063.7C)	(063.8C)
12 14 11	12 14 11	12 14 11	12 14 11	12 14 11	12 14 11	12 14 11	12 14 11
210	211	212	213	214	215	216	217
TB-VAL -DO-110 F1A	TB-VAL -DO-110 F1A	TB-VAL -DO-110 F1A	TB-VAL -DO-110 F1A	TB-VAL -DO-110 F1A	TB-VAL -DO-110 F1A	TB-VAL -DO-110 F1A	TB-VAL -DO-110 F1A
67L	68L	69L	70L	71L	72L	73L	74L
67N	68N	69N	70N	71N	72N	73N	74N
KY62.6	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE
110VAC	110VAC	110VAC	110VAC	110VAC	110VAC	110VAC	110VAC
SOLENOID VALVE COMMAND OUTLET 62CL6 TO 63A1A	SPARE VALVE	SPARE VALVE	SPARE VALVE	SPARE VALVE	SPARE VALVE	SPARE VALVE	SPARE VALVE

RACK 0: 0 CPU | 1 ENBT | 2 OB32 | 3 OB32 | 4 OB32 | 5 OB32 | 6 OB32 | 7 OB32 | 8 OB32 | 9 OB32 | 10 OB32 | 11 | 12 | 13 | 14 | 15 CNB

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DIGITAL OUTPUT RACK 0, DO010

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RACK 0
SLOT 10
DO010
(027.6A)

ROCKWELL
1756-OB32

CH16	CH17	CH18	CH19	CH20	CH21	CH22	CH23
OUT-16	OUT-17	OUT-18	OUT-19	OUT-20	OUT-21	OUT-22	OUT-23
19	20	21	22	23	24	25	26

01016 — 0,25mm² WHITE/GREY
01017 — 0,25mm² GREY/BROWN
01018 — 0,25mm² WHITE/PINK
01019 — 0,25mm² PINK/BROWN
01020 — 0,25mm² WHITE/BLUE
01021 — 0,25mm² BROWN/BLUE
01022 — 0,25mm² WHITE/RED
01023 — 0,25mm² BROWN/RED

DO010A
(062.2C)

R01016	R01017	R01018	R01019	R01020	R01021	R01022	R01023
24VDC SPARE	24VDC SPARE	24VDC SPARE	24VDC SPARE	24VDC SPARE	24VDC SPARE	24VDC SPARE	24VDC SPARE
A1 / A2	A1 / A2	A1 / A2	A1 / A2	A1 / A2	A1 / A2	A1 / A2	A1 / A2

(063.9C) / 24-5.18 ▶ 24VDC — 1mm² BLUE — 24-5.18 ▶ 24-5.18 / (065.2C)

WEI.MRS24VDC1CO 14 – 12 – 11 (064.3D) | 11 (064.3D) | 11 (064.4D) | 11 (064.5D) | 11 (064.6D) | 11 (064.7D) | 11 (064.8D) | 11 (064.9D)

(063.9D) / 110L2.4 ▶ 110VAC — 1,5mm² RED — 110L2.4 ▶ 110L2.4 / (065.2D)
(063.9D) / 110N2.4 ▶ 110N2.4 / (065.2D)

R01016	R01017	R01018	R01019	R01020	R01021	R01022	R01023
(064.3C)	(064.3C)	(064.4C)	(064.5C)	(064.6C)	(064.7C)	(064.7C)	(064.8C)
12 14 11	12 14 11	12 14 11	12 14 11	12 14 11	12 14 11	12 14 11	12 14 11
218	219	220	221	222	223	224	225
TB-VAL -DO-110 F1A	TB-VAL -DO-110 F1A	TB-VAL -DO-110 F1A	TB-VAL -DO-110 F1A	TB-VAL -DO-110 F1A	TB-VAL -DO-110 F1A	TB-VAL -DO-110 F1A	TB-VAL -DO-110 F1A
75L	76L	77L	78L	79L	80L	81L	82L
75N	76N	77N	78N	79N	80N	81N	82N
SPARE 110VAC	SPARE 110VAC	SPARE 110VAC	SPARE 110VAC	SPARE 110VAC	SPARE 110VAC	SPARE 110VAC	SPARE 110VAC
SPARE VALVE	SPARE VALVE	SPARE VALVE	SPARE VALVE	SPARE VALVE	SPARE VALVE	SPARE VALVE	SPARE VALVE

RACK 0: 0 CPU | 1 ENBT | 2 OB32 | 3 OB32 | 4 OB32 | 5 OB32 | 6 OB32 | 7 OB32 | 8 OB32 | 9 OB32 | 10 OB32 | 11–15 | 16 CNB

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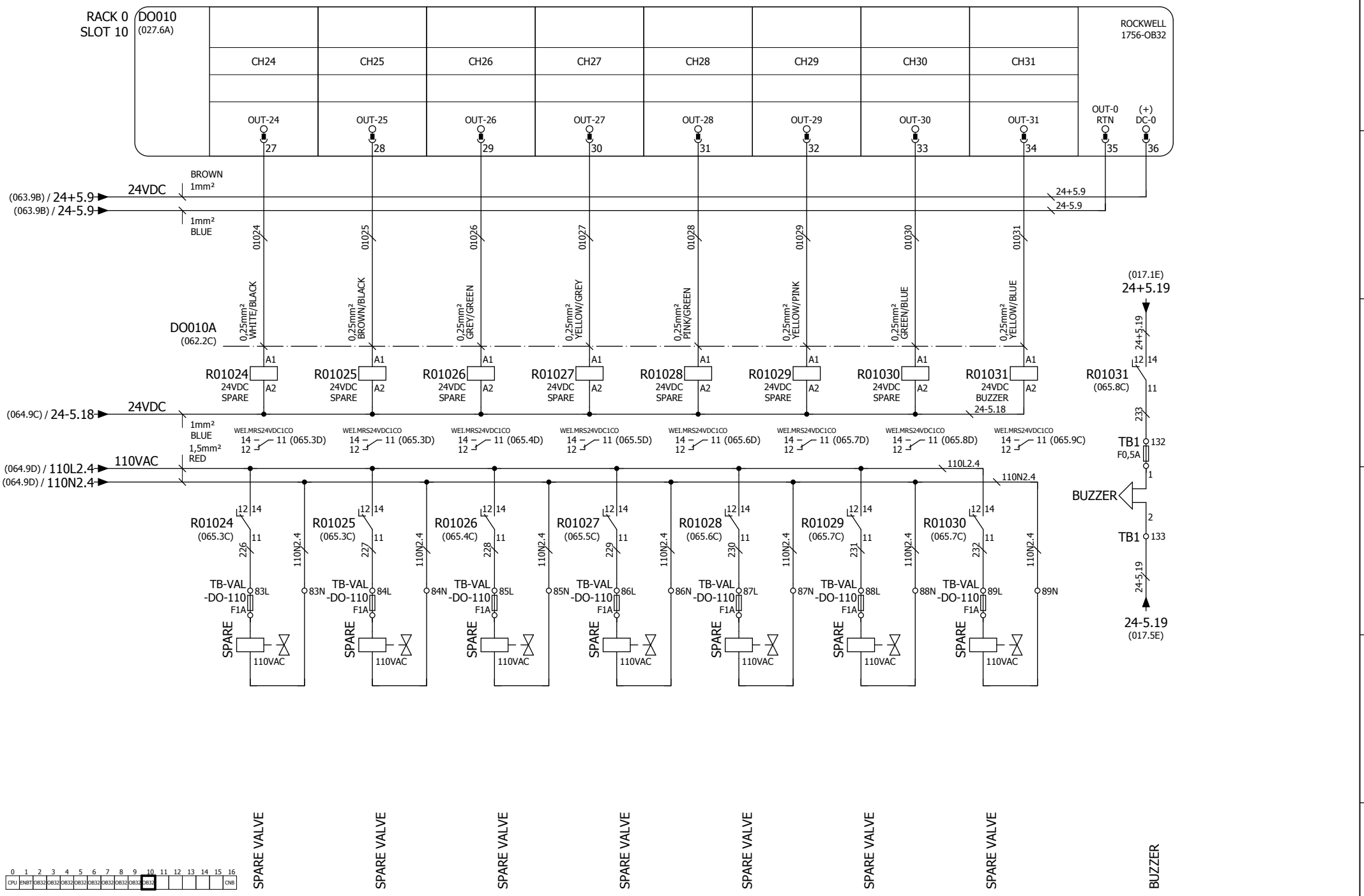
065 n.sh



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DIGITAL OUTPUT RACK 0, DO010

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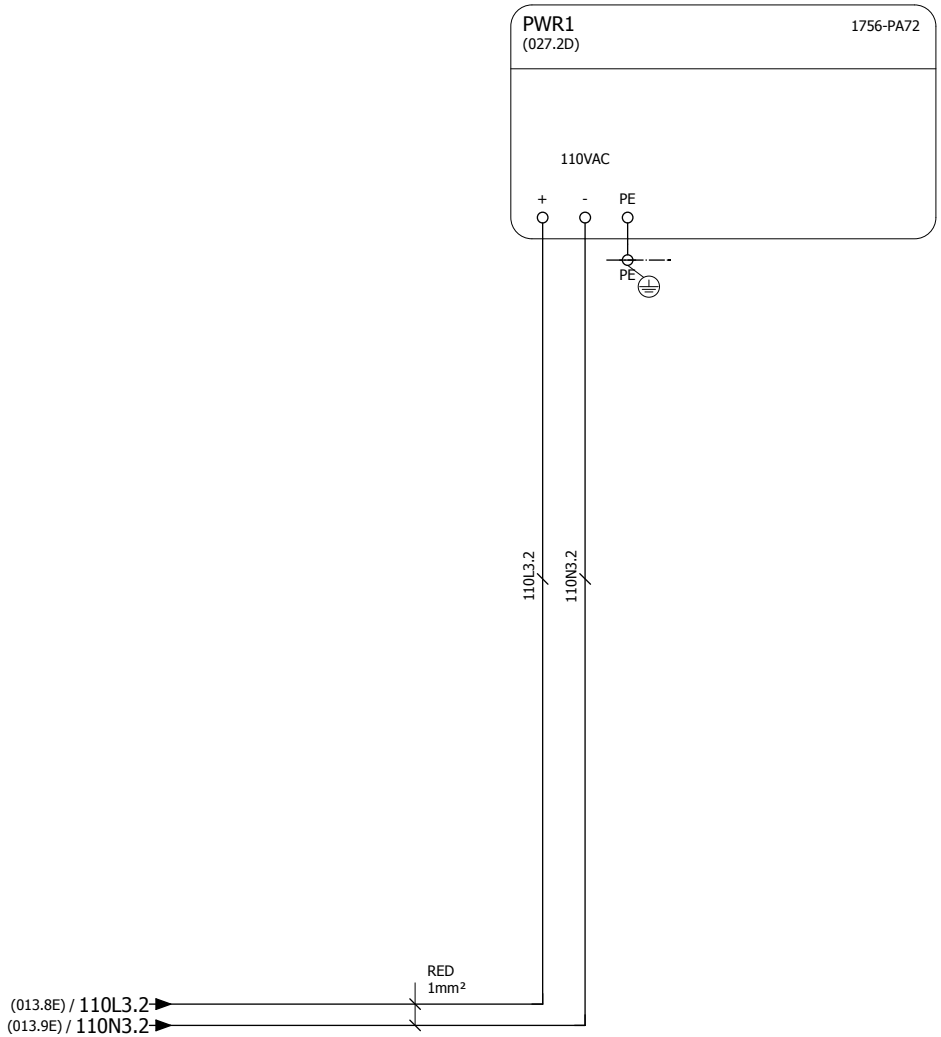
Sheet 065
066 n.sh



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POWER SUPPLY RACK 1

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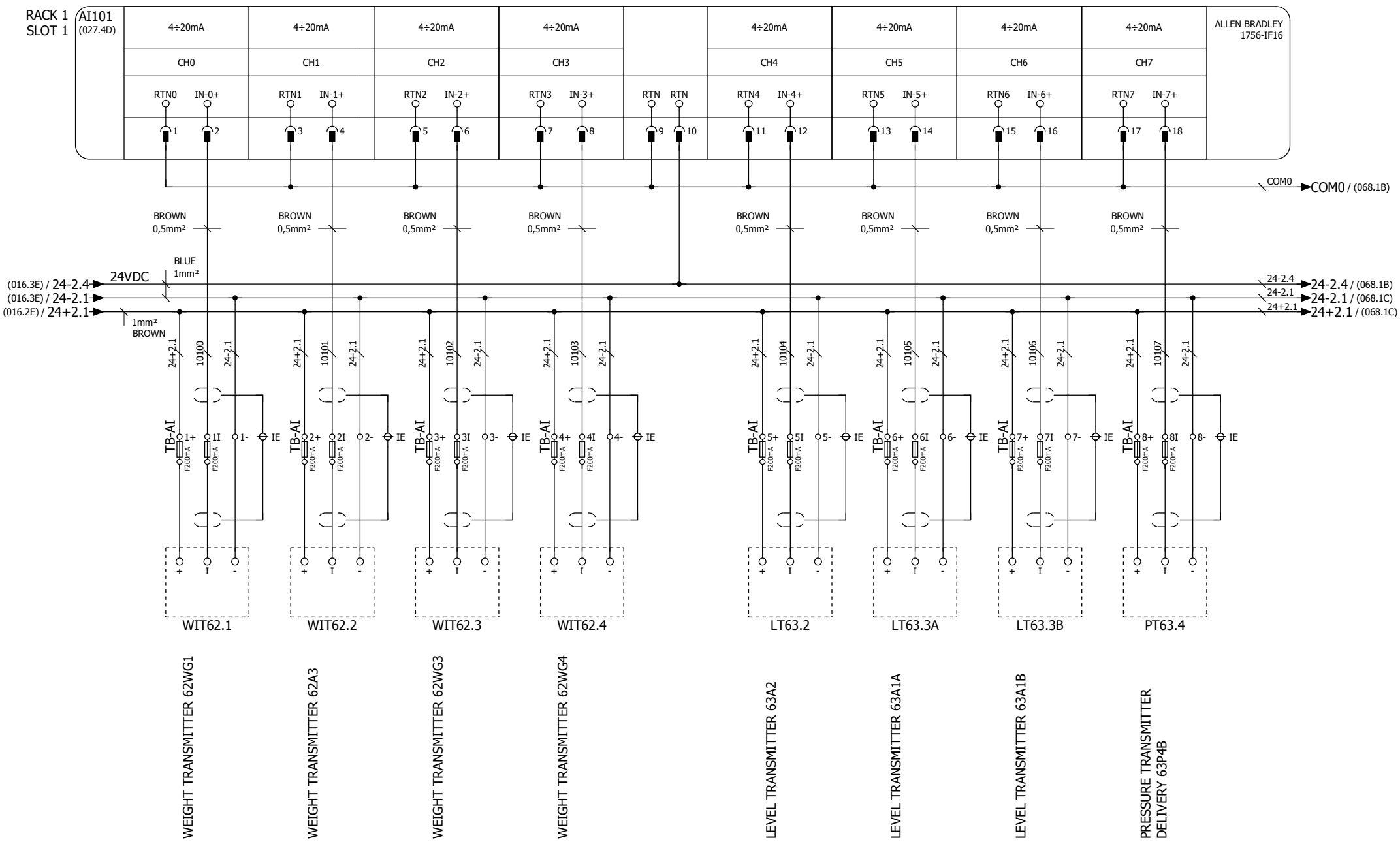
067 n.sh



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ANALOG INPUT AI101 RACK 1

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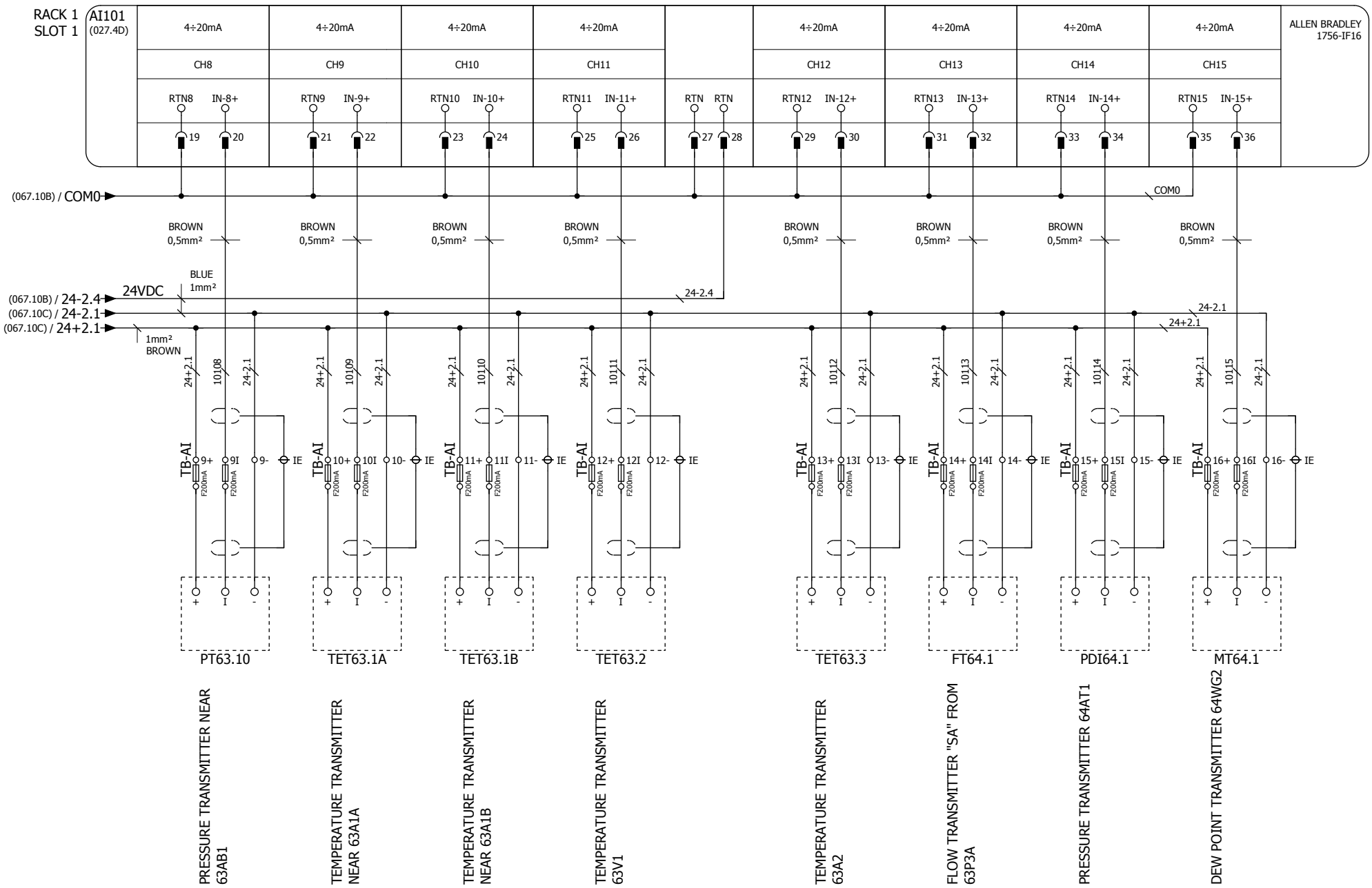
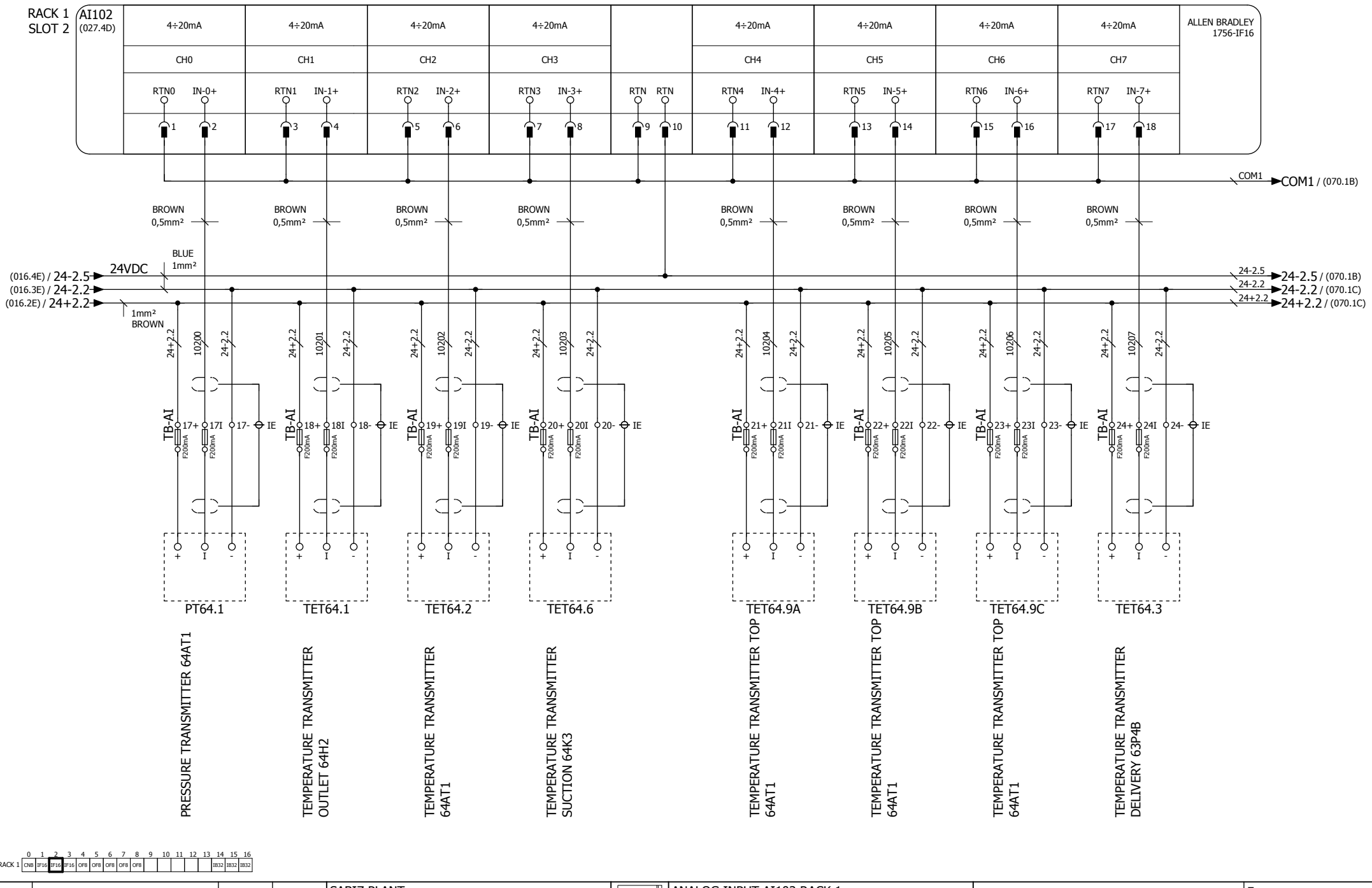
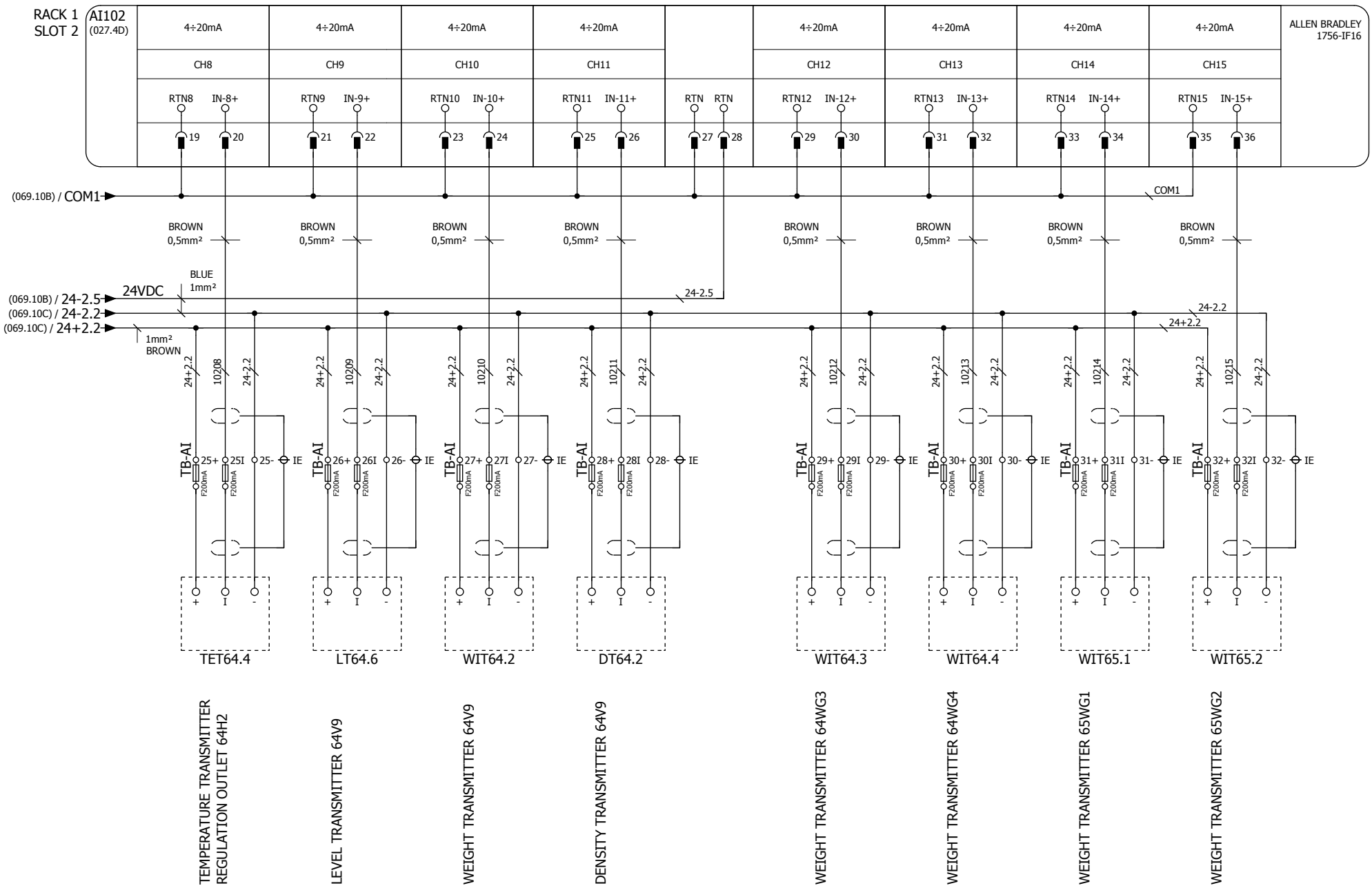
068 n.sh



				SABIZ PLANT 90.CAB.1		ANALOG INPUT AI101 RACK 1	=
							+
0	ISSUE FOR APPROVAL	TIE	18/05/2012			JOB 2F11	DWG. 2F11-85-001
Rev.	Modification	Author	Date	Replacement	Replaced by	Page title	Sheet 068 / 069 n.sh



				SABIZ PLANT 90.CAB.1	desmet ballestra	ANALOG INPUT AI102 RACK 1	= +
0	ISSUE FOR APPROVAL	TIE	18/05/2012			JOB 2F11	DWG. 2F11-85-001 Sheet 069
Rev.	Modification	Author	Date	Replacement	Replaced by	Page title	070 n.sh



Rev.	Modification	Author	Date	Replacement	Replaced by
0	ISSUE FOR APPROVAL	TIE	18/05/2012		

SABIZ PLANT
90.CAB.1

desmet ballestra

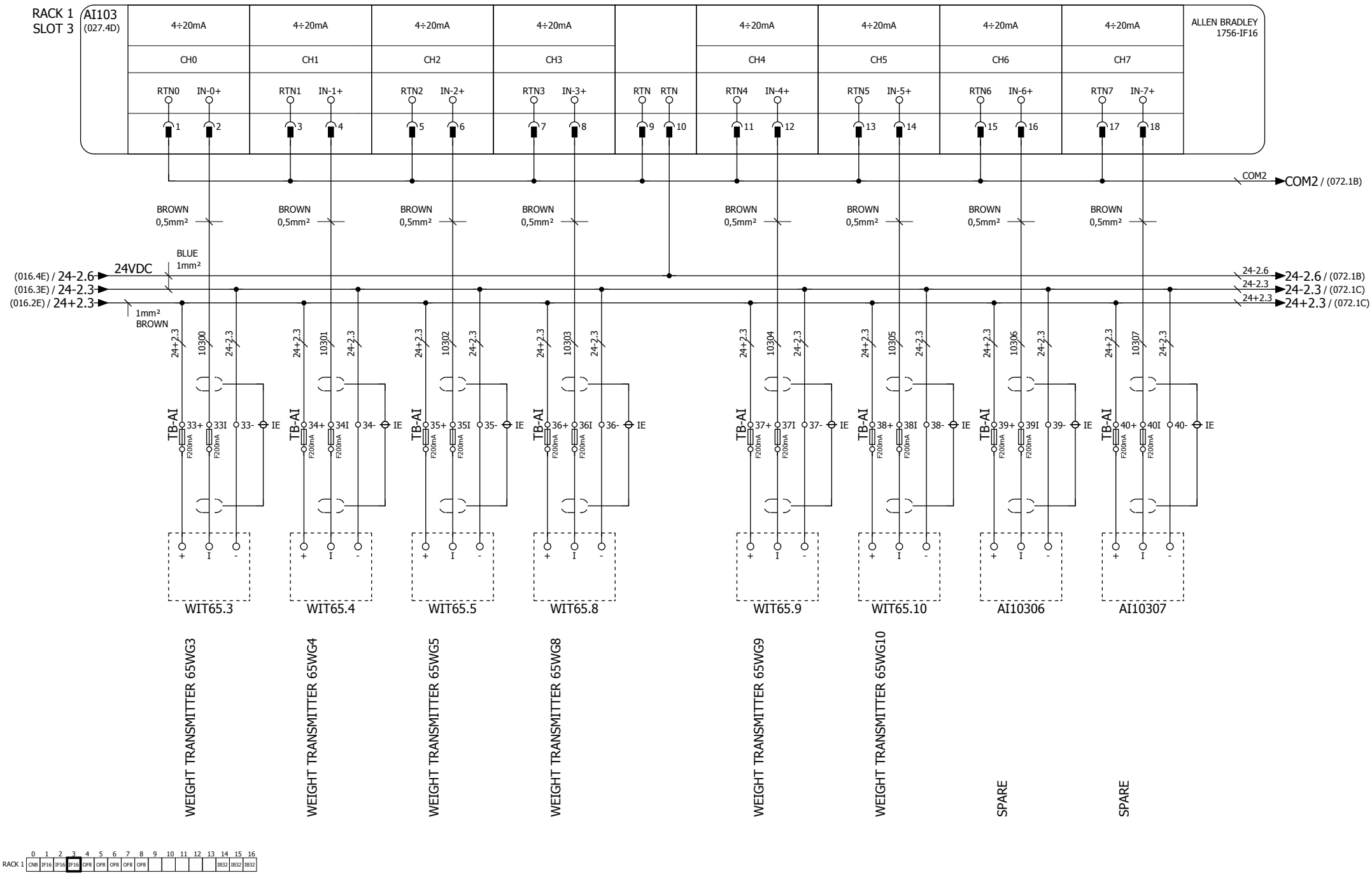
ANALOG INPUT AI102 RACK 1

Page title

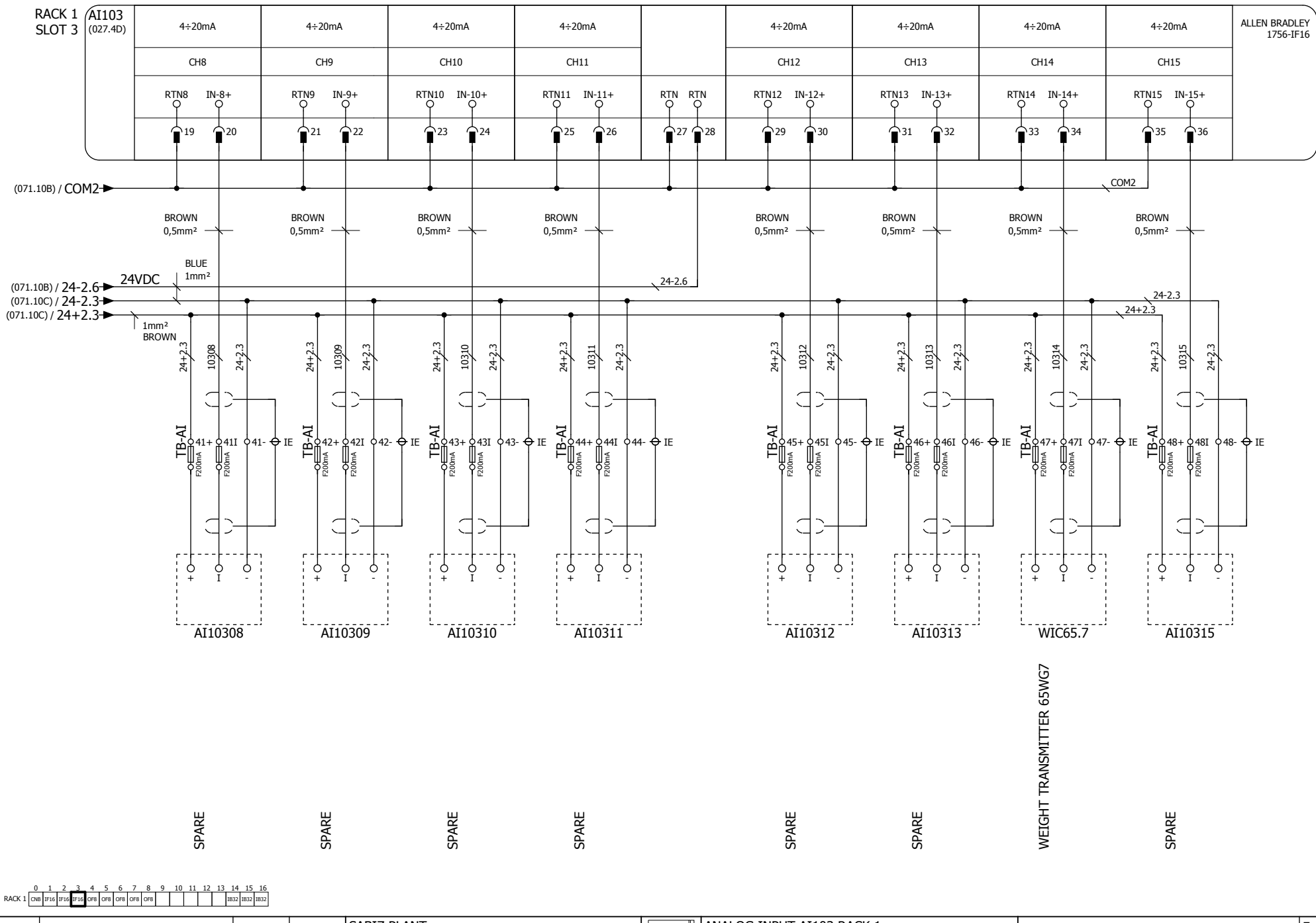
JOB 2F11

DWG. 2F11-85-001

Sheet 070
071 n.sh



				SABIZ PLANT 90.CAB.1		ANALOG INPUT AI103 RACK 1	=
0	ISSUE FOR APPROVAL	TIE	18/05/2012				+
Rev.	Modification	Author	Date	Replacement	Replaced by	Page title	JOB 2F11 / DWG. 2F11-85-001 / Sheet 071 / 072 n.sh



Rev.	Modification	Author	Date
1	REVISED	TIE	02/10/2012
0	ISSUE FOR APPROVAL	TIE	18/05/2012

SABIZ PLANT
90.CAB.1

Replacement | Replaced by

desmet ballestra

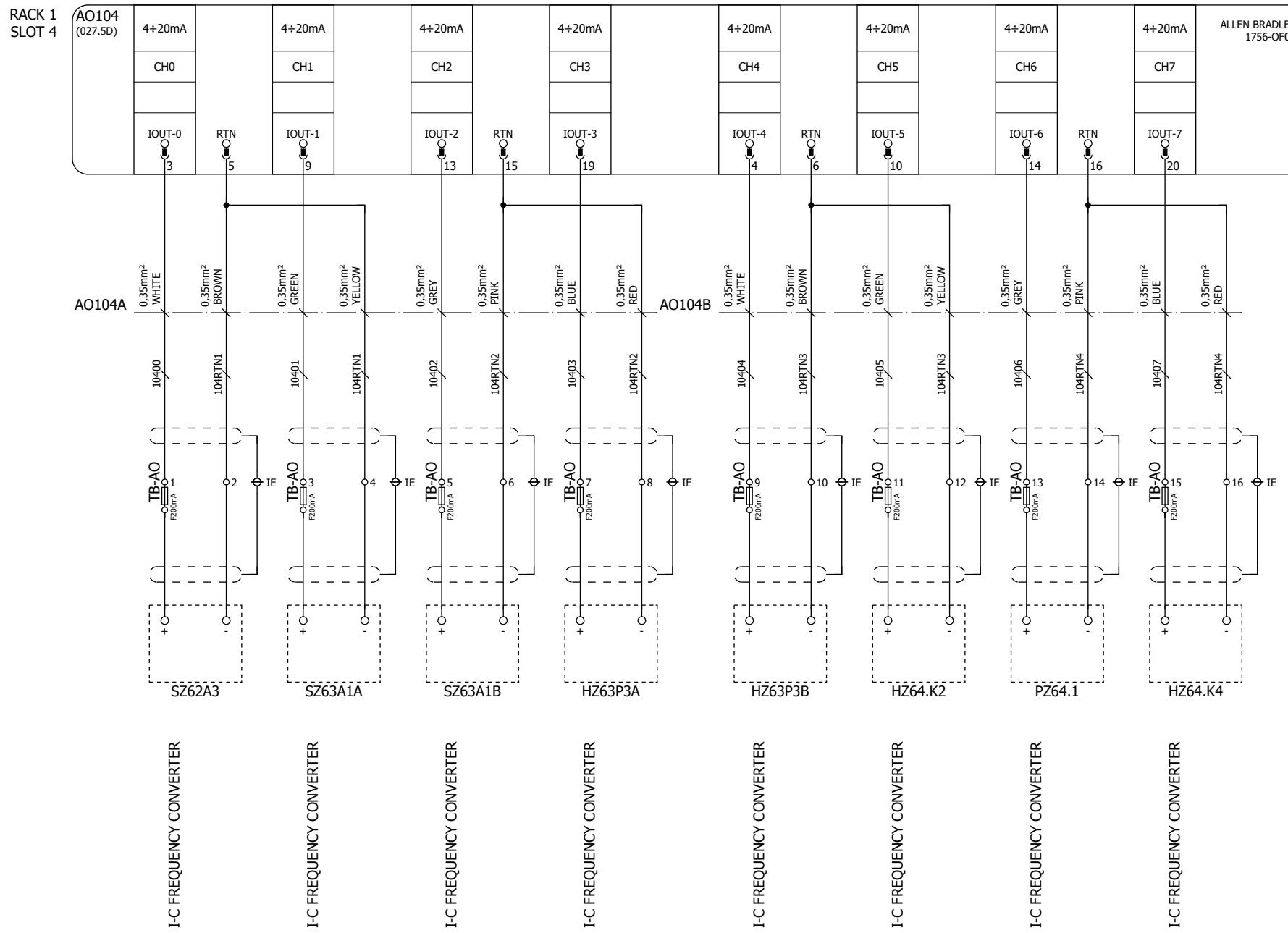
ANALOG INPUT AI103 RACK 1

Page title

JOB 2F11

DWG. 2F11-85-001

Sheet 072
073 n.sh



RACK 1 | 0 CNB | 1 IF16 | 2 IF16 | 3 IF16 | 4 OF8 | 5 OF8 | 6 OF8 | 7 OF8 | 8 OF8 | 9 | 10 | 11 | 12 | 13 | 14 IB32 | 15 IB32 | 16 IB32

				SABIZ PLANT 90.CAB.1		ANALOG OUTPUT AO104 RACK 1	=
							+
0	ISSUE FOR APPROVAL	TIE	18/05/2012			JOB 2F11	DWG. 2F11-85-001
Rev.	Modification	Author	Date	Replacement	Replaced by	Page title	Sheet 073 / 074 n.sh

desmet ballestra

RACK 1
SLOT 5

AO105
(027.5D)

4÷20mA	4÷20mA	4÷20mA	4÷20mA	4÷20mA	4÷20mA	4÷20mA	4÷20mA	ALLEN BRADLEY 1756-OF08
CH0	CH1	CH2	CH3	CH4	CH5	CH6	CH7	
IOUT-0	RTN	IOUT-1	IOUT-2	RTN	IOUT-3	IOUT-4	RTN	IOUT-5	IOUT-6	RTN	IOUT-7
3	5	9	13	15	19	4	6	10	14	16	20

AO105A

0,35mm² WHITE	0,35mm² BROWN	0,35mm² GREEN	0,35mm² YELLOW	0,35mm² GREY	0,35mm² PINK	0,35mm² BLUE	0,35mm² RED
10500	105RTN1	10501	105RTN1	10502	105RTN2	10503	105RTN2
TB-AO 17	18 IE	TB-AO 19	20 IE	TB-AO 21	22 IE	TB-AO 23	24 IE
F200mA		F200mA		F200mA		F200mA	
+	-	+	-	+	-	+	-
HZ65MX1		FZ65P1		HC64.1		WU64.2	

AO105B

0,35mm² WHITE	0,35mm² BROWN	0,35mm² GREEN	0,35mm² YELLOW	0,35mm² GREY	0,35mm² PINK	0,35mm² BLUE	0,35mm² RED
10504	105RTN3	10505	105RTN3	10506	105RTN4	10507	105RTN4
TB-AO 25	26 IE	TB-AO 27	28 IE	TB-AO 29	30 IE	TB-AO 31	32 IE
F200mA		F200mA		F200mA		F200mA	
+	-	+	-	+	-	+	-
WU64.3		WU64.4		FY65.1I/P		FY65.2I/P	

I-C FREQUENCY CONVERTER

I-C FREQUENCY CONVERTER

SET POINT TO TIC64.H1

SET POINT 64V9

SET POINT 64WG3

SET POINT 64WG4

SET POINT 65P1

SET POINT 65P1

RACK 1

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
CNB	IF16	IF16	IF16	OF8	OF8	OF8	OF8	OF8						IB32	IB32	IB32

Rev.	Modification	Author	Date	Replacement	Replaced by
				SABIZ PLANT 90.CAB.1	
0	ISSUE FOR APPROVAL	TIE	18/05/2012		

desmet ballestra

ANALOG OUTPUT AO105 RACK 1

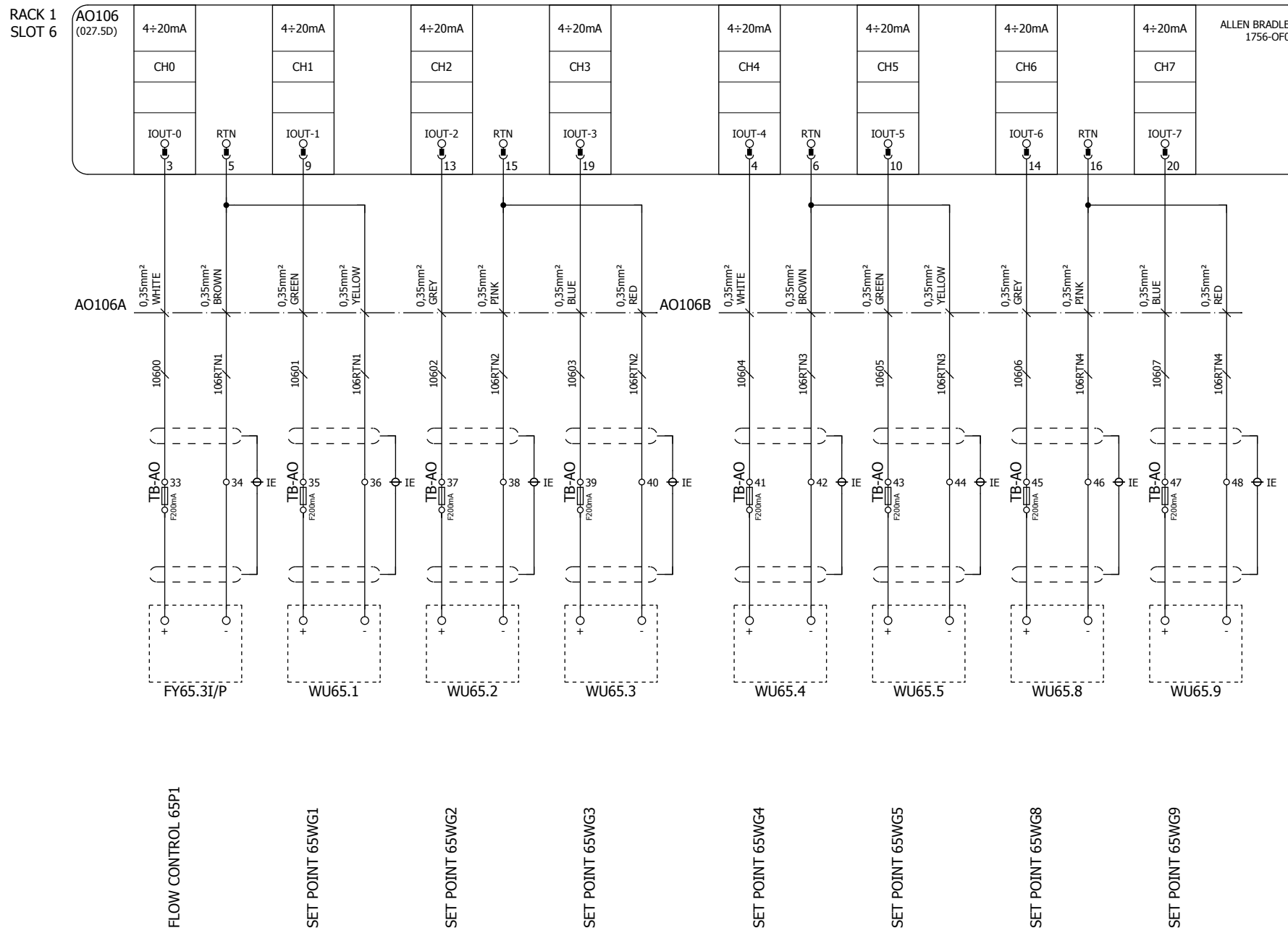
Page title

JOB 2F11

DWG. 2F11-85-001

Sheet 074

075 n.sh



RACK 1: 0 CNB | 1 IF16 | 2 IF16 | 3 IF16 | 4 OF8 | 5 OF8 | 6 OF8 | 7 OF8 | 8 OF8 | 9 | 10 | 11 | 12 | 13 | 14 IB32 | 15 IB32 | 16 IB32

Rev.	Modification	Author	Date	Replacement	Replaced by
0	ISSUE FOR APPROVAL	TIE	18/05/2012		

SABIZ PLANT
90.CAB.1

desmet ballestra

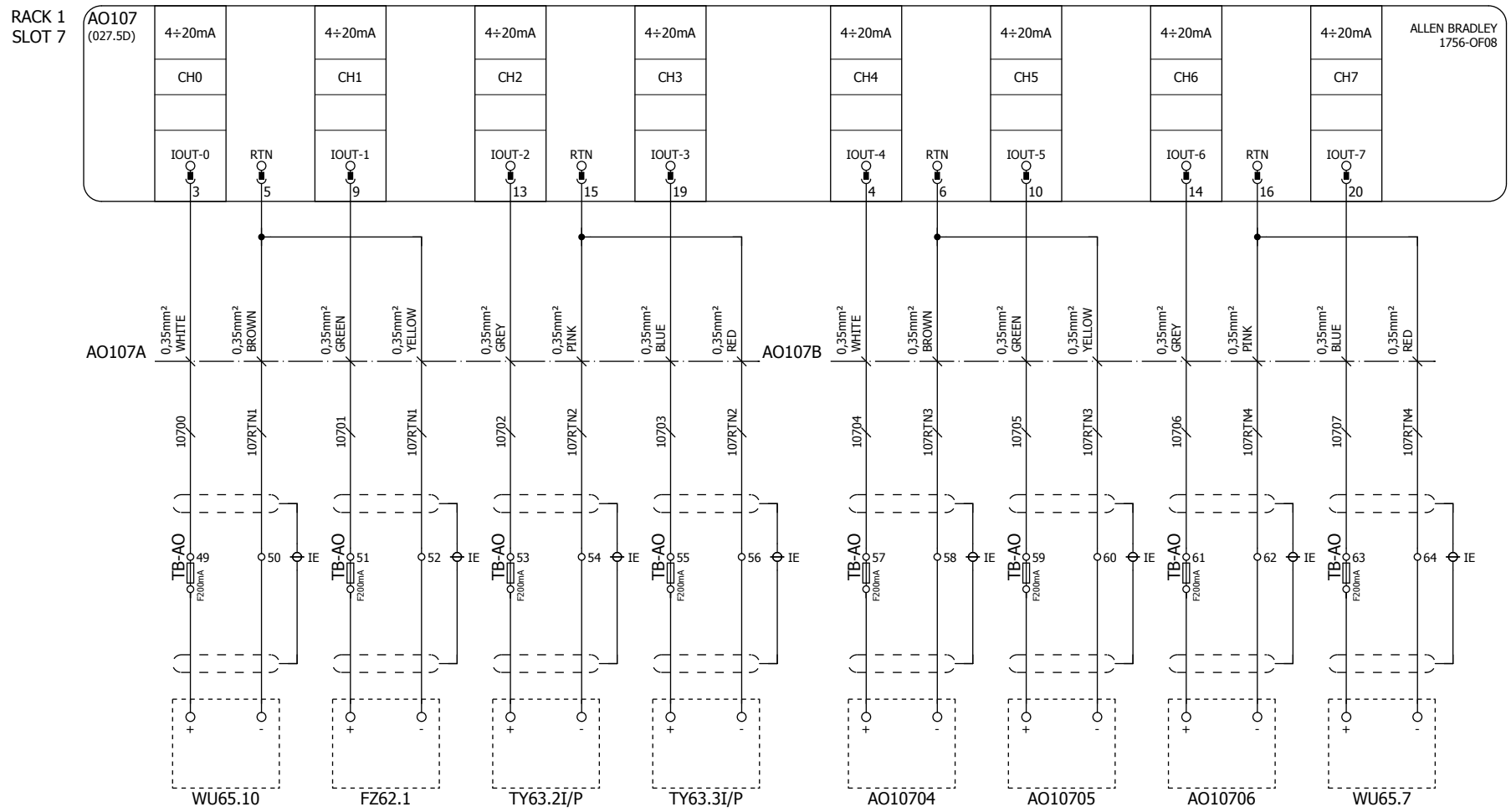
ANALOG OUTPUT AO106 RACK 1

Page title

JOB 2F11

DWG. 2F11-85-001

Sheet 075
076 n.sh



RACK 1: 0 CNB | 1 IF16 | 2 IF16 | 3 IF16 | 4 OF8 | 5 OF8 | 6 OF8 | 7 OF8 | 8 OF8 | 9 | 10 | 11 | 12 | 13 | 14 IB32 | 15 IB32 | 16 IB32

Rev.	Modification	Author	Date
1	REVISED	TIE	02/10/2012
0	ISSUE FOR APPROVAL	TIE	18/05/2012

SABIZ PLANT
90.CAB.1

Replacement | Replaced by

desmet ballestra

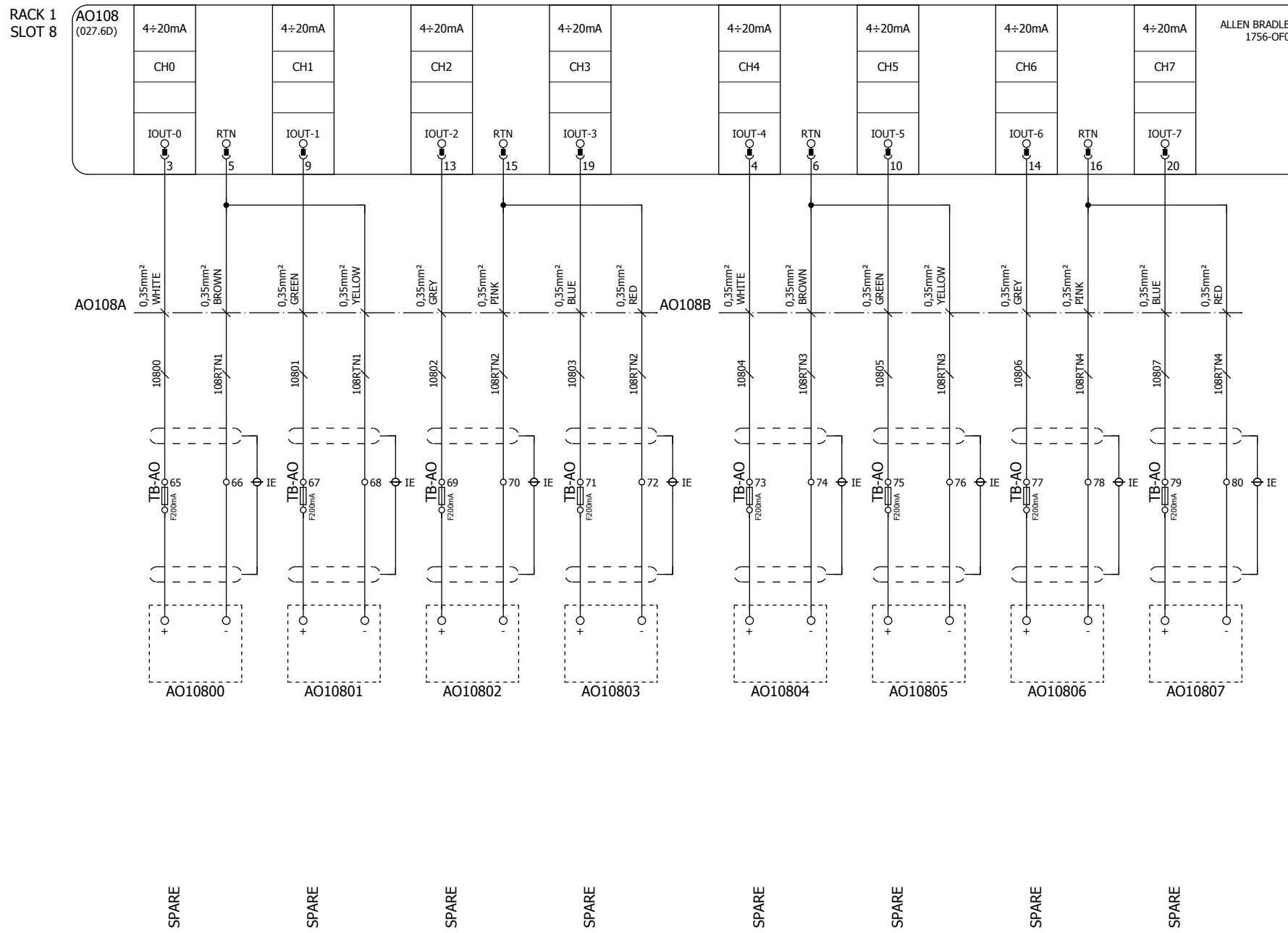
ANALOG OUTPUT AO107 RACK 1

Page title

JOB 2F11

DWG. 2F11-85-001

Sheet 076
077 n.sh



RACK 1 | 0 CNB | 1 IF16 | 2 IF16 | 3 IF16 | 4 OF8 | 5 OF8 | 6 OF8 | 7 OF8 | 8 OF8 | 9 | 10 | 11 | 12 | 13 | 14 IB32 | 15 IB32 | 16 IB32

Rev.	Modification	Author	Date	Replacement	Replaced by
0	ISSUE FOR APPROVAL	TIE	18/05/2012		

SABIZ PLANT
90.CAB.1

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ANALOG OUTPUT AO108 RACK 1

Page title

JOB 2F11

DWG. 2F11-85-001

Sheet 077
078 n.sh

RACK 1
SLOT 14

DI114
(027.7D)

ROCKWELL
1756-IB32

CH0	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9	CH10	CH11	CH12	CH13	CH14	CH15
IN-0	IN-1	IN-2	IN-3	IN-4	IN-5	IN-6	IN-7	IN-8	IN-9	IN-10	IN-11	IN-12	IN-13	IN-14	IN-15
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

GND-0 — 18

DI114A
(079.2B)

	11400	11401	11402	11403	11404	11405	11406	11407	11408	11409	11410	11411	11412	11413	11414	11415
	0,25mm² WHITE	0,25mm² BROWN	0,25mm² GREEN	0,25mm² YELLOW	0,25mm² GREY	0,25mm² PINK	0,25mm² BLUE	0,25mm² RED	0,25mm² BLACK	0,25mm² PURPLE	0,25mm² GREY/PINK	0,25mm² RED/BLUE	0,25mm² WHITE/GREEN	0,25mm² BROWN/GREEN	0,25mm² WHITE/YELLOW	0,25mm² YELLOW/BROWN
	TB-MOT-DI 1-	TB-MOT-DI 2-	TB-MOT-DI 3-	TB-MOT-DI 4-	TB-MOT-DI 5-	TB-MOT-DI 6-	TB-MOT-DI 7-	TB-MOT-DI 8-	TB-MOT-DI 9-	TB-MOT-DI 10-	TB-MOT-DI 11-	TB-MOT-DI 12-	TB-MOT-DI 13-	TB-MOT-DI 14-	TB-MOT-DI 15-	TB-MOT-DI 16-
	FLTR 1111	FLTR 1211	FLTR 1311	FLTR 2101A	FLTR 2101B	61K1-M	61K3-M	61K4-M	61K5-M	FAN 1111-M	FAN 1211-M	FAN 1311-M	FAN 2101A-M	FAN 2101B-M	61Z1-M	61Z2.1-M
	TB-MOT-DI 1+	TB-MOT-DI 2+	TB-MOT-DI 3+	TB-MOT-DI 4+	TB-MOT-DI 5+	TB-MOT-DI 6+	TB-MOT-DI 7+	TB-MOT-DI 8+	TB-MOT-DI 9+	TB-MOT-DI 10+	TB-MOT-DI 11+	TB-MOT-DI 12+	TB-MOT-DI 13+	TB-MOT-DI 14+	TB-MOT-DI 15+	TB-MOT-DI 16+
	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA
	24+4.1	24+4.1	24+4.1	24+4.1	24+4.1	24+4.1	24+4.1	24+4.1	24+4.1	24+4.1	24+4.1	24+4.1	24+4.1	24+4.1	24+4.1	24+4.1

(016.6C) / 24+4.1 → 24VDC BROWN 1mm² → 24+4.1 / (079.1D)
(016.8C) / 24-4.1 → 1mm² BLUE → 24-4.1 / (079.1E)

RUNNING INDICATION

RACK 1: 0 CNB | 1 IF16 | 2 IF16 | 3 IF16 | 4 OF8 | 5 OF8 | 6 OF8 | 7 OF8 | 8 OF8 | 9 | 10 | 11 | 12 | 13 | 14 IB32 | 15 IB32 | 16 IB32

				SABIZ PLANT 90.CAB.1		DIGITAL INPUT RACK 1, DI114	= +
0	ISSUE FOR APPROVAL	TIE	18/05/2012				
Rev.	Modification	Author	Date	Replacement	Replaced by	Page title	JOB 2F11 / DWG. 2F11-85-001 / Sheet 078 / 079 n.sh

desmet ballestra

RACK 1
SLOT 14

DI114
(027.7D)

ROCKWELL
1756-IB32

CH16	CH17	CH18	CH19	CH20	CH21	CH22	CH23	CH24	CH25	CH26	CH27	CH28	CH29	CH30	CH31
IN-16	IN-17	IN-18	IN-19	IN-20	IN-21	IN-22	IN-23	IN-24	IN-25	IN-26	IN-27	IN-28	IN-29	IN-30	IN-31
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34

GND-1 36

DI114A
(078.2B)

11416	11417	11418	11419	11420	11421	11422	11423	11424	11425	11426	11427	11428	11429	11430	11431
0,25mm² WHITE/GREY	0,25mm² GREY/BROWN	0,25mm² WHITE/PINK	0,25mm² PINK/BROWN	0,25mm² WHITE/BLUE	0,25mm² BROWN/BLUE	0,25mm² WHITE/RED	0,25mm² BROWN/RED	0,25mm² WHITE/BLACK	0,25mm² BROWN/BLACK	0,25mm² GREY/GREEN	0,25mm² YELLOW/GREY	0,25mm² PINK/GREEN	0,25mm² YELLOW/PINK	0,25mm² GREEN/BLUE	0,25mm² YELLOW/BLUE
TB-MOT-DI 17-	TB-MOT-DI 18-	TB-MOT-DI 19-	TB-MOT-DI 20-	TB-MOT-DI 21-	TB-MOT-DI 22-	TB-MOT-DI 23-	TB-MOT-DI 24-	TB-MOT-DI 25-	TB-MOT-DI 26-	TB-MOT-DI 27-	TB-MOT-DI 28-	TB-MOT-DI 29-	TB-MOT-DI 30-	TB-MOT-DI 31-	TB-MOT-DI 32-
61Z2.2-M	61Z2.3-M	61Z2.4-M	61Z2.5-M	61Z3-M	61Z4-M	62CL1-M	62CL1-M	62CL1-M	62CL2-M	62CL2-M	62CL2-M	62CL3-M	62CL3-M	62CL3-M	62A1/B-M
TB-MOT-DI 17+ F200mA	TB-MOT-DI 18+ F200mA	TB-MOT-DI 19+ F200mA	TB-MOT-DI 20+ F200mA	TB-MOT-DI 21+ F200mA	TB-MOT-DI 22+ F200mA	TB-MOT-DI 23+ F200mA	TB-MOT-DI 24+ F200mA	TB-MOT-DI 25+ F200mA	TB-MOT-DI 26+ F200mA	TB-MOT-DI 27+ F200mA	TB-MOT-DI 28+ F200mA	TB-MOT-DI 29+ F200mA	TB-MOT-DI 30+ F200mA	TB-MOT-DI 31+ F200mA	TB-MOT-DI 32+ F200mA
24+4.1	24+4.1	24+4.1	24+4.1	24+4.1	24+4.1	24+4.1	24+4.1	24+4.1	24+4.1	24+4.1	24+4.1	24+4.1	24+4.1	24+4.1	24+4.1

(078.10D) / 24+4.1 ▶
(078.10E) / 24-4.1 ▶
24VDC
BROWN 1mm²
1mm² BLUE
24-4.1

RUNNING INDICATION	RUNNING INDICATION	RUNNING INDICATION	RUNNING INDICATION	RUNNING INDICATION	RUNNING INDICATION	RUNNING INDICATION HIGH SPEED SODIUM SULPHATE EXTRACTION SCREW	RUNNING INDICATION LOW SPEED SODIUM SULPHATE EXTRACTION SCREW	CUMULATIVE FAULT INDICATION SODIUM SULPHATE EXTRACTION SCREW	RUNNING INDICATION HIGH SPEED SODIUM CARBONATE EXTRACTION SCREW	RUNNING INDICATION LOW SPEED SODIUM CARBONATE EXTRACTION SCREW	CUMULATIVE FAULT INDICATION SODIUM CARBONATE EXTRACTION SCREW	RUNNING INDICATION HIGH SPEED STPP EXTRACTION SCREW	RUNNING INDICATION LOW SPEED STPP EXTRACTION SCREW	CUMULATIVE FAULT INDICATION STPP EXTRACTION SCREW	RUNNING INDICATION RECOVERED SLURRY DISSOLVING TANK

RACK 1: 0 CNB | 1 IF16 | 2 IF16 | 3 IF16 | 4 OF8 | 5 OF8 | 6 OF8 | 7 OF8 | 8 OF8 | 9 | 10 | 11 | 12 | 13 IB32 | 14 IB32 | 15 IB32 | 16

Rev.	Modification	Author	Date	Replacement	Replaced by
0	ISSUE FOR APPROVAL	TIE	18/05/2012		

SABIZ PLANT
90.CAB.1

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DIGITAL INPUT RACK 1, DI114
Page title

JOB 2F11

DWG. 2F11-85-001

Sheet 079
080 n.sh

RACK 1
SLOT 15

DI115
(027.8D)

ROCKWELL
1756-IB32

CH0	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9	CH10	CH11	CH12	CH13	CH14	CH15
IN-0	IN-1	IN-2	IN-3	IN-4	IN-5	IN-6	IN-7	IN-8	IN-9	IN-10	IN-11	IN-12	IN-13	IN-14	IN-15
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

GND-0 — 18

DI115A
(081.2B)

11500	11501	11502	11503	11504	11505	11506	11507	11508	11509	11510	11511	11512	11513	11514	11515
0,25mm² WHITE	0,25mm² BROWN	0,25mm² GREEN	0,25mm² YELLOW	0,25mm² GREY	0,25mm² PINK	0,25mm² BLUE	0,25mm² RED	0,25mm² BLACK	0,25mm² PURPLE	0,25mm² GREY/PINK	0,25mm² RED/BLUE	0,25mm² WHITE/GREEN	0,25mm² BROWN/GREEN	0,25mm² WHITE/YELLOW	0,25mm² YELLOW/BROWN
TB-MOT-DI 33-	TB-MOT-DI 34-	TB-MOT-DI 35-	TB-MOT-DI 36-	TB-MOT-DI 37-	TB-MOT-DI 38-	TB-MOT-DI 39-	TB-MOT-DI 40-	TB-MOT-DI 41-	TB-MOT-DI 42-	TB-MOT-DI 43-	TB-MOT-DI 44-	TB-MOT-DI 45-	TB-MOT-DI 46-	TB-MOT-DI 47-	TB-MOT-DI 48-
62A1/B-M	62CL4-M	62CL4-M	62CL4-M	62CL5-M	62CL5-M	62CL6-M	62CL6-M	62CL6A-M	62CL6A-M	62P1/B-M	62P1/B-M	62CL7-M	62CL7-M	62K1-M	62K1-M
TB-MOT-DI 33+ F200mA	TB-MOT-DI 34+ F200mA	TB-MOT-DI 35+ F200mA	TB-MOT-DI 36+ F200mA	TB-MOT-DI 37+ F200mA	TB-MOT-DI 38+ F200mA	TB-MOT-DI 39+ F200mA	TB-MOT-DI 40+ F200mA	TB-MOT-DI 41+ F200mA	TB-MOT-DI 42+ F200mA	TB-MOT-DI 43+ F200mA	TB-MOT-DI 44+ F200mA	TB-MOT-DI 45+ F200mA	TB-MOT-DI 46+ F200mA	TB-MOT-DI 47+ F200mA	TB-MOT-DI 48+ F200mA
24+4.2	24+4.2	24+4.2	24+4.2	24+4.2	24+4.2	24+4.2	24+4.2	24+4.2	24+4.2	24+4.2	24+4.2	24+4.2	24+4.2	24+4.2	24+4.2

(016.6C) / 24+4.2 → 24VDC BROWN 1mm² → 24+4.2 / (081.1D)
(016.8C) / 24-4.2 → 1mm² BLUE → 24-4.2 / (081.1E)

- CUMULATIVE FAULT INDICATION RECOVERED SLURRY DISSOLVING TANK
- RUNNING INDICATION HIGH SPEED ZEOLITE EXTRACTION SCREW
- RUNNING INDICATION LOW SPEED ZEOLITE EXTRACTION SCREW
- CUMULATIVE FAULT INDICATION ZEOLITE EXTRACTION SCREW
- RUNNING INDICATION CMC EXTRACTION SCREW
- CUMULATIVE FAULT INDICATION CMC EXTRACTION SCREW
- RUNNING INDICATION SOLID DISCHARGING SCREW
- CUMULATIVE FAULT INDICATION SOLID DISCHARGING SCREW
- RUNNING INDICATION MINOR SOLID DISCHARGING SCREW
- CUMULATIVE FAULT INDICATION MINOR SOLID DISCHARGING SCREW
- RUNNING INDICATION RECOVERED SLURRY TRANSFER PUMP
- CUMULATIVE FAULT INDICATION RECOVERED SLURRY TRANSFER PUMP
- RUNNING INDICATION OPTICAL BRIGHTENER EXTRACTION SCREW
- CUMULATIVE FAULT INDICATION OPTICAL BRIGHTENER EXTRACTION SCREW
- RUNNING INDICATION DEDUSTING FILTER FAN
- CUMULATIVE FAULT INDICATION DEDUSTING FILTER FAN

RACK 1: 0 CNB | 1 IF16 | 2 IF16 | 3 IF16 | 4 OF8 | 5 OF8 | 6 OF8 | 7 OF8 | 8 OF8 | 9 | 10 | 11 | 12 | 13 | 14 IB32 | 15 IB32 | 16 IB32

Rev.	Modification	Author	Date	Replacement	Replaced by
0	ISSUE FOR APPROVAL	TIE	18/05/2012		

SABIZ PLANT
90.CAB.1

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DIGITAL INPUT RACK 1, DI115

Page title

JOB 2F11

DWG. 2F11-85-001

Sheet 080
081 n.sh

RACK 1
SLOT 15

DI115
(027.8D)

ROCKWELL
1756-IB32

CH16	CH17	CH18	CH19	CH20	CH21	CH22	CH23	CH24	CH25	CH26	CH27	CH28	CH29	CH30	CH31
IN-16	IN-17	IN-18	IN-19	IN-20	IN-21	IN-22	IN-23	IN-24	IN-25	IN-26	IN-27	IN-28	IN-29	IN-30	IN-31
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34

GND-1 — 36

DI115A
(080.2B)

	11516	11517	11518	11519	11520	11521	11522	11523	11524	11525	11526	11527	11528	11529	11530	11531
	0,25mm² WHITE/GREY	0,25mm² GREY/BROWN	0,25mm² WHITE/PINK	0,25mm² PINK/BROWN	0,25mm² WHITE/BLUE	0,25mm² BROWN/BLUE	0,25mm² WHITE/RED	0,25mm² BROWN/RED	0,25mm² WHITE/BLACK	0,25mm² BROWN/BLACK	0,25mm² GREY/GREEN	0,25mm² YELLOW/GREY	0,25mm² PINK/GREEN	0,25mm² YELLOW/PINK	0,25mm² GREEN/BLUE	0,25mm² YELLOW/BLUE
TB-MOT-DI	49-	50-	51-	52-	53-	54-	55-	56-	57-	58-	59-	60-	61-	62-	63-	64-
	62K2-M	62K2-M	62K3-M	62K3-M	62K4-M	62K4-M	SPARE	SPARE	62K5-M	62K5-M	62K7-M	62K7-M	62SR1-M	62SR1-M	62Z1-M	62Z1-M
TB-MOT-DI	49+	50+	51+	52+	53+	54+	55+	56+	57+	58+	59+	60+	61+	62+	63+	64+
	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA
	24+4.2	24+4.2	24+4.2	24+4.2	24+4.2	24+4.2	24+4.2	24+4.2	24+4.2	24+4.2	24+4.2	24+4.2	24+4.2	24+4.2	24+4.2	24+4.2

(080.10D) / 24+4.2 ▶ 24VDC — BROWN 1mm²
(080.10E) / 24-4.2 ▶ 1mm² BLUE

24-4.2

RUNNING INDICATION DEDUSTING FILTER FAN	CUMULATIVE FAULT INDICATION DEDUSTING FILTER FAN	RUNNING INDICATION DEDUSTING FILTER FAN	CUMULATIVE FAULT INDICATION DEDUSTING FILTER FAN	RUNNING INDICATION DEDUSTING FILTER FAN	CUMULATIVE FAULT INDICATION DEDUSTING FILTER FAN	SPARE MOTOR	SPARE MOTOR	RUNNING INDICATION DEDUSTING FILTER FAN	CUMULATIVE FAULT INDICATION DEDUSTING FILTER FAN	RUNNING INDICATION DEDUSTING FILTER FAN	CUMULATIVE FAULT INDICATION DEDUSTING FILTER FAN	RUNNING INDICATION ZEOLITE BIN ACTIVATOR	CUMULATIVE FAULT INDICATION ZEOLITE BIN ACTIVATOR	RUNNING INDICATION ROTARY VALVE	CUMULATIVE FAULT INDICATION ROTARY VALVE

RACK 1: 0 CNB | 1 IF16 | 2 IF16 | 3 IF16 | 4 OF8 | 5 OF8 | 6 OF8 | 7 OF8 | 8 OF8 | 9 | 10 | 11 | 12 | 13 IB32 | 14 IB32 | 15 IB32 | 16

Rev.	Modification	Author	Date
1	REVISED	TIE	02/10/2012
0	ISSUE FOR APPROVAL	TIE	18/05/2012

SABIZ PLANT
90.CAB.1

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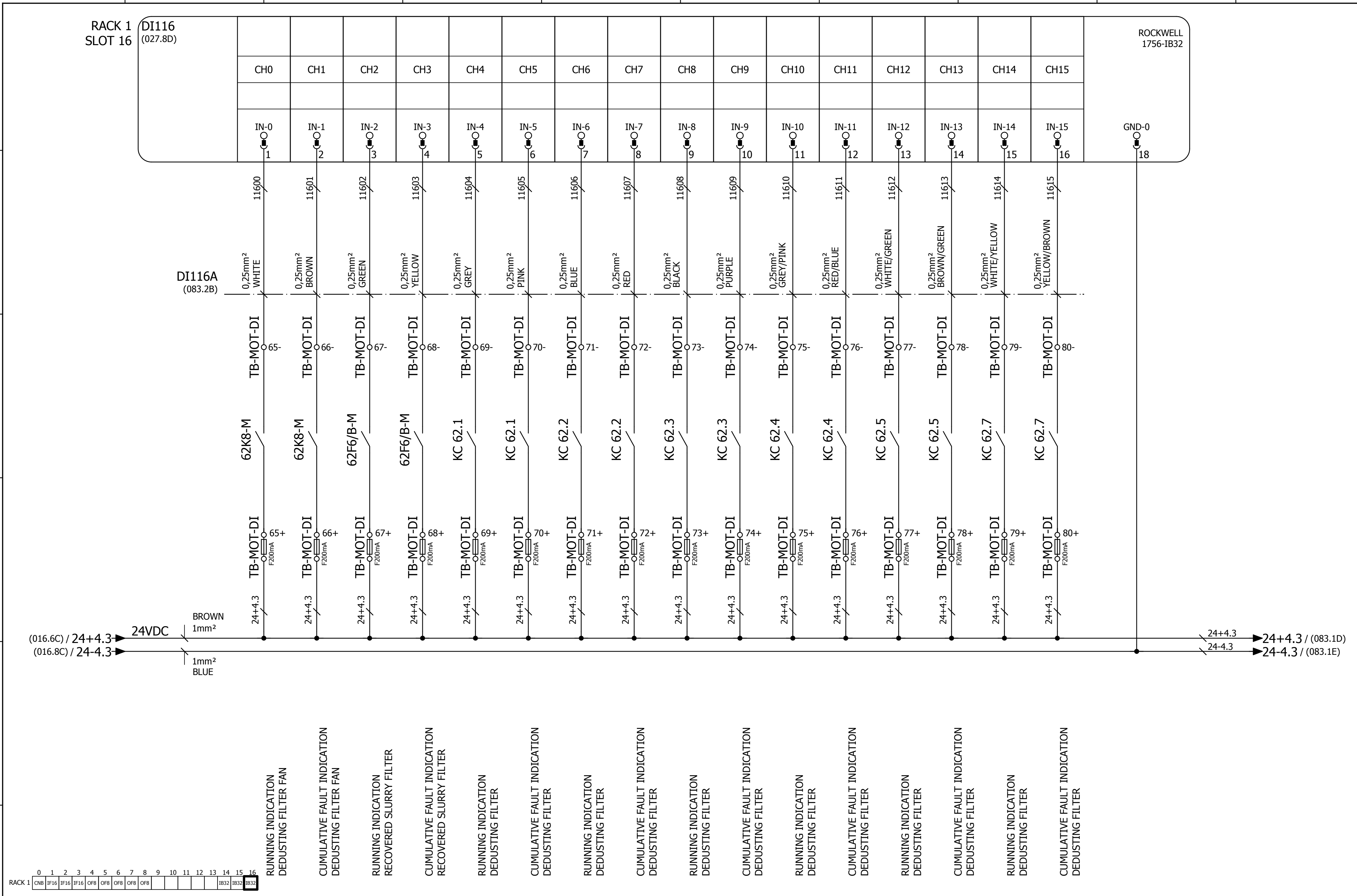
DIGITAL INPUT RACK 1, DI115

Page title

JOB 2F11

DWG. 2F11-85-001

Sheet 081
082 n.sh



Rev.	Modification	Author	Date	Replacement	Replaced by
0	ISSUE FOR APPROVAL	TIE	18/05/2012		

SABIZ PLANT
90.CAB.1

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DIGITAL INPUT RACK 1, DI116

Page title

JOB 2F11

DWG. 2F11-85-001

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+

Sheet 082
083 n.sh

RACK 1
SLOT 16

DI116
(027.8D)

ROCKWELL
1756-IB32

CH16	CH17	CH18	CH19	CH20	CH21	CH22	CH23	CH24	CH25	CH26	CH27	CH28	CH29	CH30	CH31
IN-16	IN-17	IN-18	IN-19	IN-20	IN-21	IN-22	IN-23	IN-24	IN-25	IN-26	IN-27	IN-28	IN-29	IN-30	IN-31
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34

GND-1 36

DI116A
(082.2B)

	11616	11617	11618	11619	11620	11621	11622	11623	11624	11625	11626	11627	11628	11629	11630	11631
	0,25mm² WHITE/GREY	0,25mm² GREY/BROWN	0,25mm² WHITE/PINK	0,25mm² PINK/BROWN	0,25mm² WHITE/BLUE	0,25mm² BROWN/BLUE	0,25mm² WHITE/RED	0,25mm² BROWN/RED	0,25mm² WHITE/BLACK	0,25mm² BROWN/BLACK	0,25mm² GREY/GREEN	0,25mm² YELLOW/GREY	0,25mm² PINK/GREEN	0,25mm² YELLOW/PINK	0,25mm² GREEN/BLUE	0,25mm² YELLOW/BLUE
TB-MOT-DI	81-	82-	83-	84-	85-	86-	87-	88-	89-	90-	91-	92-	93-	94-	95-	96-
	KC 62.8	KC 62.8	62A1-M	62A1-M	62A2-M	62A2-M	62F6-M	62F6-M	62P1-M	62P1-M	62A3-M	62A3-M	KC 62A3	63A1A-M	63A1A-M	63A1B-M
TB-MOT-DI	81+	82+	83+	84+	85+	86+	87+	88+	89+	90+	91+	92+	93+	94+	95+	96+
F200mA																
24+4.3																

(082.10D) / 24+4.3 ▶ 24VDC BROWN 1mm²
(082.10E) / 24-4.3 ▶ 1mm² BLUE

24-4.3

	RUNNING INDICATION DEDUSTING FILTER	CUMULATIVE FAULT INDICATION DEDUSTING FILTER	RUNNING INDICATION RECOVERED SLURRY DISSOLVING TANK	CUMULATIVE FAULT INDICATION RECOVERED SLURRY DISSOLVING TANK	RUNNING INDICATION RECOVERED SLURRY TANK	CUMULATIVE FAULT INDICATION RECOVERED SLURRY TANK	RUNNING INDICATION RECOVERED SLURRY FILTER	CUMULATIVE FAULT INDICATION RECOVERED SLURRY FILTER	RUNNING INDICATION RECOVERED SLURRY TRANSFER PUMP	CUMULATIVE FAULT INDICATION RECOVERED SLURRY TRANSFER PUMP	RUNNING INDICATION LIQUID DOSING VESSEL	CUMULATIVE FAULT INDICATION LIQUID DOSING VESSEL	CUMULATIVE FAULT INDICATION LOCAL PANEL FOR 62A3	RUNNING INDICATION SLURRY PREPARATOR	CUMULATIVE FAULT INDICATION SLURRY PREPARATOR	RUNNING INDICATION SLURRY PREPARATOR
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16																
RACK 1	CNB	IF16	IF16	IF16	OF8	OF8	OF8	OF8	OF8					IB32	IB32	IB32

				SABIZ PLANT 90.CAB.1		DIGITAL INPUT RACK 1, DI116	= +
0	ISSUE FOR APPROVAL	TIE	18/05/2012				
Rev.	Modification	Author	Date	Replacement	Replaced by	Page title	JOB 2F11 / DWG. 2F11-85-001 / Sheet 083 / 084 n.sh

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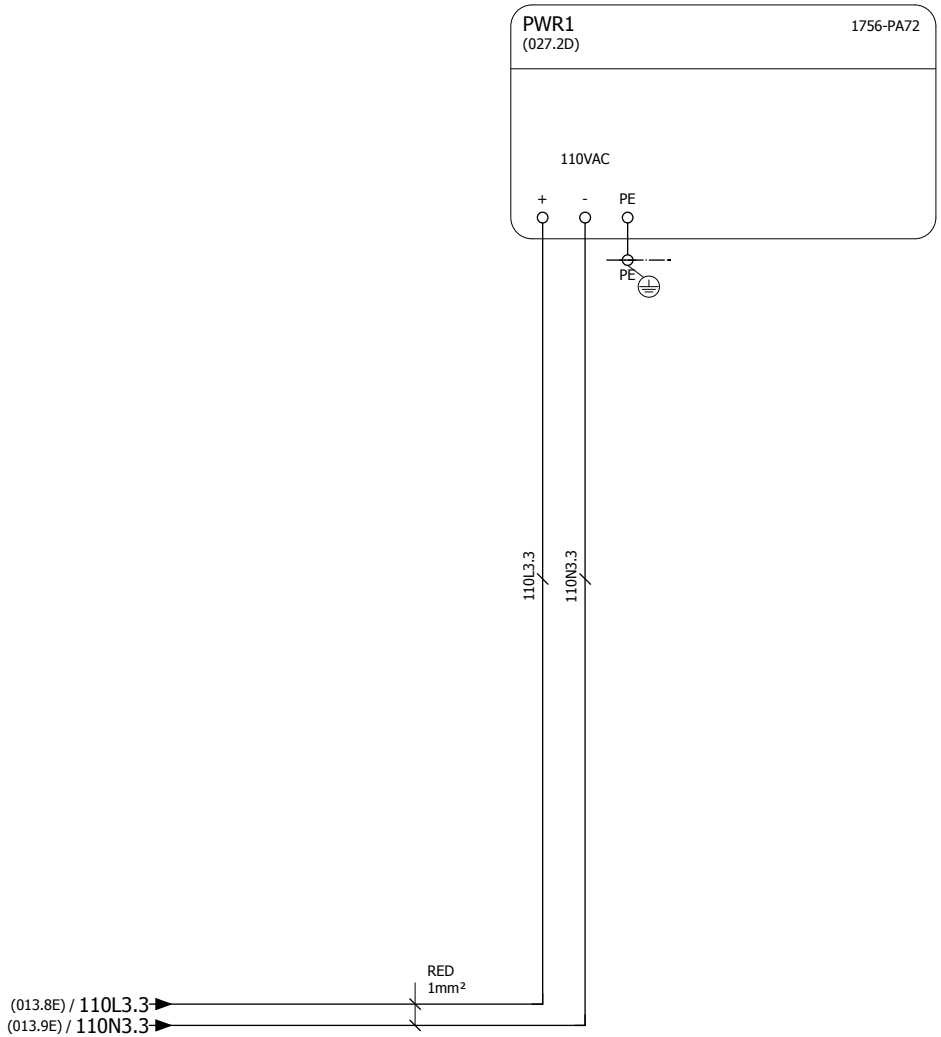

Rev.	Modification	Author	Date	Replacement	Replaced by
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SABIZ PLANT
90.CAB.1

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POWER SUPPLY RACK 2

Page title

JOB 2F11

DWG. 2F11-85-001

Sheet 084
085 n.sh

RACK 2
SLOT 1

DI201
(028.4A)

ROCKWELL
1756-IB32

CH0	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9	CH10	CH11	CH12	CH13	CH14	CH15
IN-0	IN-1	IN-2	IN-3	IN-4	IN-5	IN-6	IN-7	IN-8	IN-9	IN-10	IN-11	IN-12	IN-13	IN-14	IN-15
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

GND-0 — 18

DI201A
(086.2B)

	20100	20101	20102	20103	20104	20105	20106	20107	20108	20109	20110	20111	20112	20113	20114	20115
	0,25mm² WHITE	0,25mm² BROWN	0,25mm² GREEN	0,25mm² YELLOW	0,25mm² GREY	0,25mm² PINK	0,25mm² BLUE	0,25mm² RED	0,25mm² BLACK	0,25mm² PURPLE	0,25mm² GREY/PINK	0,25mm² RED/BLUE	0,25mm² WHITE/GREEN	0,25mm² BROWN/GREEN	0,25mm² WHITE/YELLOW	0,25mm² YELLOW/BROWN
	TB-MOT-DI	TB-MOT-DI	TB-MOT-DI	TB-MOT-DI	TB-MOT-DI	TB-MOT-DI	TB-MOT-DI	TB-MOT-DI	TB-MOT-DI	TB-MOT-DI	TB-MOT-DI	TB-MOT-DI	TB-MOT-DI	TB-MOT-DI	TB-MOT-DI	TB-MOT-DI
	97-	98-	99-	100-	101-	102-	103-	104-	105-	106-	107-	108-	109-	110-	111-	112-
	63A1B-M	63A2-M	63A2-M	63A3-M	63A3-M	63K1-M	63K1-M	63F2A-M	63F2A-M	63F2B-M	63F2B-M	63P2A-M	63P2A-M	63P2B-M	63P2B-M	63P3A-M
	TB-MOT-DI	TB-MOT-DI	TB-MOT-DI	TB-MOT-DI	TB-MOT-DI	TB-MOT-DI	TB-MOT-DI	TB-MOT-DI	TB-MOT-DI	TB-MOT-DI	TB-MOT-DI	TB-MOT-DI	TB-MOT-DI	TB-MOT-DI	TB-MOT-DI	TB-MOT-DI
	97+	98+	99+	100+	101+	102+	103+	104+	105+	106+	107+	108+	109+	110+	111+	112+
	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA
	24+4.4	24+4.4	24+4.4	24+4.4	24+4.4	24+4.4	24+4.4	24+4.4	24+4.4	24+4.4	24+4.4	24+4.4	24+4.4	24+4.4	24+4.4	24+4.4

(016.6C) / 24+4.4 ▶ 24VDC — BROWN 1mm² — 24+4.4 ▶ 24+4.4 / (086.1D)
(016.9C) / 24-4.4 ▶ 1mm² BLUE — 24-4.4 ▶ 24-4.4 / (086.1E)

CUMULATIVE FAULT INDICATION SLURRY PREPARATOR
RUNNING INDICATION SLURRY AGEING UNIT
CUMULATIVE FAULT INDICATION SLURRY AGEING UNIT
RUNNING INDICATION RECOVERED SLURRY COLLECTING VESSEL
CUMULATIVE FAULT INDICATION RECOVERED SLURRY COLLECTING VESSEL
RUNNING INDICATION VAPORS SCRUBBING FAN
CUMULATIVE FAULT INDICATION VAPORS SCRUBBING FAN
RUNNING INDICATION 1st SLURRY FEEDING FILTER
CUMULATIVE FAULT INDICATION 1st SLURRY FEEDING FILTER
RUNNING INDICATION 2nd SLURRY FEEDING FILTER
CUMULATIVE FAULT INDICATION 2nd SLURRY FEEDING FILTER
RUNNING INDICATION SLURRY BOOSTER PUMP
CUMULATIVE FAULT INDICATION SLURRY BOOSTER PUMP
RUNNING INDICATION SLURRY BOOSTER PUMP
CUMULATIVE FAULT INDICATION SLURRY BOOSTER PUMP
RUNNING INDICATION SLURRY FEEDING HIGH PRESSURE PUMP

RACK 2: 0 CNB | 1 IB32 | 2 IB32 | 3 IB32 | 4 IB32 | 5 IB32 | 6 IB32 | 7 IB32 | 8 IB32 | 9 IB32 | 10 IB32 | 11 IB32 | 12 IB32 | 13 IB32 | 14 IB32 | 15 IB32 | 16 IB32

Rev.	Modification	Author	Date
0	ISSUE FOR APPROVAL	TIE	18/05/2012

SABIZ PLANT
90.CAB.1

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DIGITAL INPUT RACK 2, DI201

Page title

JOB 2F11

DWG. 2F11-85-001

Sheet 085
086 n.sh

RACK 2
SLOT 1

DI201
(028.4A)

ROCKWELL
1756-IB32

CH16	CH17	CH18	CH19	CH20	CH21	CH22	CH23	CH24	CH25	CH26	CH27	CH28	CH29	CH30	CH31
IN-16	IN-17	IN-18	IN-19	IN-20	IN-21	IN-22	IN-23	IN-24	IN-25	IN-26	IN-27	IN-28	IN-29	IN-30	IN-31
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34

GND-1 36

DI201A
(085.2B)

	20116	20117	20118	20119	20120	20121	20122	20123	20124	20125	20126	20127	20128	20129	20130	20131
0,25mm²	WHITE/GREY	GREY/BROWN	WHITE/PINK	PINK/BROWN	WHITE/BLUE	BROWN/BLUE	WHITE/RED	BROWN/RED	WHITE/BLACK	BROWN/BLACK	GREY/GREEN	YELLOW/GREY	PINK/GREEN	YELLOW/PINK	GREEN/BLUE	YELLOW/BLUE
TB-MOT-DI	113-	114-	115-	116-	117-	118-	119-	120-	121-	122-	123-	124-	125-	126-	127-	128-
63P3A-M	63P3C-M	63P3C-M	63P3B-M	63P3B-M	63P3D-M	63P3D-M	63P4A-M	63P4A-M	63P4B-M	63P4B-M	63P5-M	63P5-M	63P6-M	63P6-M	64K2-M	
TB-MOT-DI	113+	114+	115+	116+	117+	118+	119+	120+	121+	122+	123+	124+	125+	126+	127+	128+
F200mA																
24+4.4																

(085.10D) / 24+4.4 ▶ 24VDC BROWN 1mm²

(085.10E) / 24-4.4 ▶ 1mm² BLUE

24-4.4

0	CUMULATIVE FAULT INDICATION SLURRY FEEDING HIGH PRESSURE PUMP
1	RUNNING INDICATION LUBRICATING OIL PUMP FOR H.P. PUMP
2	CUMULATIVE FAULT INDICATION LUBRICATING OIL PUMP FOR H.P. PUMP
3	RUNNING INDICATION SLURRY FEEDING HIGH PRESSURE PUMP
4	CUMULATIVE FAULT INDICATION SLURRY FEEDING HIGH PRESSURE PUMP
5	RUNNING INDICATION LUBRICATING OIL PUMP FOR H.P. PUMP
6	CUMULATIVE FAULT INDICATION LUBRICATING OIL PUMP FOR H.P. PUMP
7	RUNNING INDICATION HOMOGENIZING PUMP
8	CUMULATIVE FAULT INDICATION HOMOGENIZING PUMP
9	RUNNING INDICATION SLURRY HOMOGENIZING TRANSFER PUMP
10	CUMULATIVE FAULT INDICATION SLURRY HOMOGENIZING TRANSFER PUMP
11	RUNNING INDICATION RECOVERED SLURRY TRANSFER PUMP
12	CUMULATIVE FAULT INDICATION RECOVERED SLURRY TRANSFER PUMP
13	RUNNING INDICATION RECOVERED WATER TRANSFER PUMP
14	CUMULATIVE FAULT INDICATION RECOVERED WATER TRANSFER PUMP
15	RUNNING INDICATION DRYING AIR FEEDING FAN
16	

RACK 2 CNB IB32 IB32 IB32 IB32 IB32 IB32 IB32 IB32 IB32 IB32 IB32 IB32 IB32 IB32 IB32 IB32

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SABIZ PLANT
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DIGITAL INPUT RACK 2, DI201

Page title

JOB 2F11

DWG. 2F11-85-001

Sheet 086
087 n.sh

RACK 2
SLOT 2

DI202
(028.4A)

ROCKWELL
1756-IB32

CH0	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9	CH10	CH11	CH12	CH13	CH14	CH15
IN-0	IN-1	IN-2	IN-3	IN-4	IN-5	IN-6	IN-7	IN-8	IN-9	IN-10	IN-11	IN-12	IN-13	IN-14	IN-15
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

GND-0 — 18

DI202A
(088.2B)

20200	20201	20202	20203	20204	20205	20206	20207	20208	20209	20210	20211	20212	20213	20214	20215
0,25mm² WHITE	0,25mm² BROWN	0,25mm² GREEN	0,25mm² YELLOW	0,25mm² GREY	0,25mm² PINK	0,25mm² BLUE	0,25mm² RED	0,25mm² BLACK	0,25mm² PURPLE	0,25mm² GREY/PINK	0,25mm² RED/BLUE	0,25mm² WHITE/GREEN	0,25mm² BROWN/GREEN	0,25mm² WHITE/YELLOW	0,25mm² YELLOW/BROWN
TB-MOT-DI 129-	TB-MOT-DI 130-	TB-MOT-DI 131-	TB-MOT-DI 132-	TB-MOT-DI 133-	TB-MOT-DI 134-	TB-MOT-DI 135-	TB-MOT-DI 136-	TB-MOT-DI 137-	TB-MOT-DI 138-	TB-MOT-DI 139-	TB-MOT-DI 140-	TB-MOT-DI 141-	TB-MOT-DI 142-	TB-MOT-DI 143-	TB-MOT-DI 144-
64K2-M	64K3-M	64K3-M	64K4-M	64K4-M	64N1-M	64N1-M	64P1-M	64P1-M	64W3-M	64W3-M	64W3-M	64V9-M	64V9-M	64SR1-M	64SR1-M
TB-MOT-DI 129+ F200mA	TB-MOT-DI 130+ F200mA	TB-MOT-DI 131+ F200mA	TB-MOT-DI 132+ F200mA	TB-MOT-DI 133+ F200mA	TB-MOT-DI 134+ F200mA	TB-MOT-DI 135+ F200mA	TB-MOT-DI 136+ F200mA	TB-MOT-DI 137+ F200mA	TB-MOT-DI 138+ F200mA	TB-MOT-DI 139+ F200mA	TB-MOT-DI 140+ F200mA	TB-MOT-DI 141+ F200mA	TB-MOT-DI 142+ F200mA	TB-MOT-DI 143+ F200mA	TB-MOT-DI 144+ F200mA
24+4.5	24+4.5	24+4.5	24+4.5	24+4.5	24+4.5	24+4.5	24+4.5	24+4.5	24+4.5	24+4.5	24+4.5	24+4.5	24+4.5	24+4.5	24+4.5

(016.6C) / 24+4.5 → 24VDC BROWN 1mm² → 24+4.5 / (088.1D)
(016.9C) / 24-4.5 → 1mm² BLUE → 24-4.5 / (088.1E)

CUMULATIVE FAULT INDICATION DRYING AIR FEEDING FAN	RUNNING INDICATION DRYING AIR EXTRACTION FAN	CUMULATIVE FAULT INDICATION DRYING AIR EXTRACTION FAN	RUNNING INDICATION AIR LIFT FAN	CUMULATIVE FAULT INDICATION AIR LIFT FAN	RUNNING INDICATION AIR LIFT FEEDING BELT	CUMULATIVE FAULT INDICATION AIR LIFT FEEDING BELT	RUNNING INDICATION FIRE FIGHTING PUMP	CUMULATIVE FAULT INDICATION FIRE FIGHTING PUMP	RUNNING INDICATION UP	RUNNING INDICATION DOWN	CUMULATIVE FAULT INDICATION	RUNNING INDICATION HOPPER FOR WEIGHING BELT 64WG2	CUMULATIVE FAULT INDICATION HOPPER FOR WEIGHING BELT 64WG2	RUNNING INDICATION DETERGENT POWDER VIBRATING SIEVE	CUMULATIVE FAULT INDICATION DETERGENT POWDER VIBRATING SIEVE

RACK 2 — 0 CNB | 1 IB32 | 2 IB32 | 3 IB32 | 4 IB32 | 5 IB32 | 6 IB32 | 7 IB32 | 8 IB32 | 9 IB32 | 10 IB32 | 11 IB32 | 12 IB32 | 13 IB32 | 14 IB32 | 15 IB32 | 16 IB32

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SABIZ PLANT
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DIGITAL INPUT RACK 2, DI202

Page title

JOB 2F11

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Sheet 087
088 n.sh

RACK 2
SLOT 2

DI202
(028.4A)

ROCKWELL
1756-IB32

CH16	CH17	CH18	CH19	CH20	CH21	CH22	CH23	CH24	CH25	CH26	CH27	CH28	CH29	CH30	CH31
IN-16	IN-17	IN-18	IN-19	IN-20	IN-21	IN-22	IN-23	IN-24	IN-25	IN-26	IN-27	IN-28	IN-29	IN-30	IN-31
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34

GND-1 — 36

DI202A
(087.2B)

	20216	20217	20218	20219	20220	20221	20222	20223	20224	20225	20226	20227	20228	20229	20230	20231
	0,25mm² WHITE/GREY	0,25mm² GREY/BROWN	0,25mm² WHITE/PINK	0,25mm² PINK/BROWN	0,25mm² WHITE/BLUE	0,25mm² BROWN/BLUE	0,25mm² WHITE/RED	0,25mm² BROWN/RED	0,25mm² WHITE/BLACK	0,25mm² BROWN/BLACK	0,25mm² GREY/GREEN	0,25mm² YELLOW/GREY	0,25mm² PINK/GREEN	0,25mm² YELLOW/PINK	0,25mm² GREEN/BLUE	0,25mm² YELLOW/BLUE
TB-MOT-DI	145-	146-	147-	148-	149-	150-	151-	152-	153-	154-	155-	156-	157-	158-	159-	160-
	64WG2-M	64WG2-M	64W4-M	64W4-M	KC 64.1	KC 64.1	KC 64.2	KC 64.2	BK 64.1	BK 64.1	64K5-M	64K5-M	64K6-M	64K6-M	64K7-M	64K7-M
TB-MOT-DI	145+	146+	147+	148+	149+	150+	151+	152+	153+	154+	155+	156+	157+	158+	159+	160+
	F200mA															
	24+4.5															

(087.10D) / 24+4.5 ▶ 24VDC — BROWN 1mm²
(087.10E) / 24-4.5 ▶ 1mm² BLUE

24-4.5

RUNNING INDICATION DETERGENT POWDER PROPORTIONING BELT
CUMULATIVE FAULT INDICATION DETERGENT POWDER PROPORTIONING BELT
RUNNING INDICATION TOWER BOTTOM CONE CLEANING SYSTEM
CUMULATIVE FAULT INDICATION TOWER BOTTOM CONE CLEANING SYSTEM
RUNNING INDICATION DRYING AIR DEDUSTING FILTER
CUMULATIVE FAULT INDICATION DRYING AIR DEDUSTING FILTER
RUNNING INDICATION AIR LIFT DEDUSTING FILTER
CUMULATIVE FAULT INDICATION AIR LIFT DEDUSTING FILTER
RUNNING INDICATION LOCAL PANEL FOR BURNER
CUMULATIVE FAULT INDICATION/SHUT DOWN INDICATION LOCAL PANEL FOR BURNER
RUNNING INDICATION DEDUSTING FILTER FAN
CUMULATIVE FAULT INDICATION DEDUSTING FILTER FAN
RUNNING INDICATION PNEUMATIC TRANSPORT BLOWER
CUMULATIVE FAULT INDICATION PNEUMATIC TRANSPORT BLOWER
RUNNING INDICATION PNEUMATIC TRANSPORT BLOWER
CUMULATIVE FAULT INDICATION PNEUMATIC TRANSPORT BLOWER

RACK 2

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
CNB	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32

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SABIZ PLANT
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DIGITAL INPUT RACK 2, DI202

Page title

JOB 2F11

DWG. 2F11-85-001

Sheet 088
089 n.sh

RACK 2
SLOT 3

DI203
(028.4A)

ROCKWELL
1756-IB32

CH0	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9	CH10	CH11	CH12	CH13	CH14	CH15
IN-0	IN-1	IN-2	IN-3	IN-4	IN-5	IN-6	IN-7	IN-8	IN-9	IN-10	IN-11	IN-12	IN-13	IN-14	IN-15
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

GND-0 — 18

DI203A
(090.2B)

	20300	20301	20302	20303	20304	20305	20306	20307	20308	20309	20310	20311	20312	20313	20314	20315
	0,25mm² WHITE	0,25mm² BROWN	0,25mm² GREEN	0,25mm² YELLOW	0,25mm² GREY	0,25mm² PINK	0,25mm² BLUE	0,25mm² RED	0,25mm² BLACK	0,25mm² PURPLE	0,25mm² GREY/PINK	0,25mm² RED/BLUE	0,25mm² WHITE/GREEN	0,25mm² BROWN/GREEN	0,25mm² WHITE/YELLOW	0,25mm² YELLOW/BROWN
TB-MOT-DI	161-	162-	163-	164-	165-	166-	167-	168-	169-	170-	171-	172-	173-	174-	175-	176-
	64SR2A	64SR2B	64Z1-M	64Z1-M	64Z2-M	64Z2-M	64WG3-M	64WG3-M	64WG4-M	64WG4-M	KC 64.3	KC 64.3	65K1-M	65K1-M	65MX1-M	65MX1-M
TB-MOT-DI	161+	162+	163+	164+	165+	166+	167+	168+	169+	170+	171+	172+	173+	174+	175+	176+
	F200mA															
	24+4.6															

BROWN 1mm²
24VDC
BLUE 1mm²

(016.7C) / 24+4.6 ▶
(016.9C) / 24-4.6 ▶

24+4.6 ▶ 24+4.6 / (090.1D)
24-4.6 ▶ 24-4.6 / (090.1E)

0	INSERT FROM 90.CCS.1 BIN ACTIVATOR
1	INSERT FROM 90.CCS.1 BIN ACTIVATOR
2	RUNNING INDICATION SULPHATE ROTARY VALVE
3	CUMULATIVE FAULT INDICATION SULPHATE ROTARY VALVE
4	RUNNING INDICATION SULPHATE ROTARY VALVE
5	CUMULATIVE FAULT INDICATION SULPHATE ROTARY VALVE
6	RUNNING INDICATION ZEOLITE WEIGHING BELT
7	CUMULATIVE FAULT INDICATION ZEOLITE WEIGHING BELT
8	RUNNING INDICATION ZEOLITE WEIGHING BELT
9	CUMULATIVE FAULT INDICATION ZEOLITE WEIGHING BELT
10	RUNNING INDICATION DEDUSTING FILTER
11	CUMULATIVE FAULT INDICATION DEDUSTING FILTER
12	RUNNING INDICATION DEDUSTING FILTER FAN
13	CUMULATIVE FAULT INDICATION DEDUSTING FILTER FAN
14	RUNNING INDICATION DETERGENT POWDER ROTATING MIXER
15	CUMULATIVE FAULT INDICATION DETERGENT POWDER ROTATING MIXER

RACK 2: 0 CNB | 1 IB32 | 2 IB32 | 3 IB32 | 4 IB32 | 5 IB32 | 6 IB32 | 7 IB32 | 8 IB32 | 9 IB32 | 10 IB32 | 11 IB32 | 12 IB32 | 13 IB32 | 14 IB32 | 15 IB32 | 16 IB32

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0	ISSUE FOR APPROVAL	TIE	18/05/2012		

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DIGITAL INPUT RACK 2, DI203

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090 n.sh

RACK 2
SLOT 3

DI203
(028.4A)

ROCKWELL
1756-IB32

CH16	CH17	CH18	CH19	CH20	CH21	CH22	CH23	CH24	CH25	CH26	CH27	CH28	CH29	CH30	CH31
IN-16	IN-17	IN-18	IN-19	IN-20	IN-21	IN-22	IN-23	IN-24	IN-25	IN-26	IN-27	IN-28	IN-29	IN-30	IN-31
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34

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DI203A
(089.2B)

	20316	20317	20318	20319	20320	20321	20322	20323	20324	20325	20326	20327	20328	20329	20330	20331
0,25mm²	WHITE/GREY	GREY/BROWN	WHITE/PINK	PINK/BROWN	WHITE/BLUE	BROWN/BLUE	WHITE/RED	BROWN/RED	WHITE/BLACK	BROWN/BLACK	GREY/GREEN	YELLOW/GREY	PINK/GREEN	YELLOW/PINK	GREEN/BLUE	YELLOW/BLUE
TB-MOT-DI	177-	178-	179-	180-	181-	182-	183-	184-	185-	186-	187-	188-	189-	190-	191-	192-
	65N1-M	65N1-M	65P1-M	65P1-M	65Z1-M	65Z1-M	65WG1-M	65WG1-M	65WG2-M	65WG2-M	65WG3-M	65WG3-M	65N2-M	65N2-M	65WG8-M	65WG8-M
TB-MOT-DI	177+	178+	179+	180+	181+	182+	183+	184+	185+	186+	187+	188+	189+	190+	191+	192+
F200mA																
24+4.6																

BROWN
1mm²

(089.10D) / 24+4.6 ▶ 24VDC

(089.10E) / 24-4.6 ▶

1mm²
BLUE

24-4.6

RUNNING INDICATION FEEDING BELT
CUMULATIVE FAULT INDICATION FEEDING BELT
RUNNING INDICATION NONIONIC / PERFUME DOSING PUMP
CUMULATIVE FAULT INDICATION NONIONIC / PERFUME DOSING PUMP
RUNNING INDICATION DEDUSTING FILTER ROTARY VALVE
CUMULATIVE FAULT INDICATION DEDUSTING FILTER ROTARY VALVE
READY INDICATION ADDITIONAL SOLID PROPORTIONING BELT
CUMULATIVE FAULT INDICATION ADDITIONAL SOLID PROPORTIONING BELT
READY INDICATION SODIUM PERBORATE PROPORTIONING BELT
CUMULATIVE FAULT INDICATION SODIUM PERBORATE PROPORTIONING BELT
READY INDICATION SPECKLES LOSS IN WEIGHT
CUMULATIVE FAULT INDICATION SPECKLES LOSS IN WEIGHT
RUNNING INDICATION DEDUSTING FILTER ROTARY VALVE
CUMULATIVE FAULT INDICATION DEDUSTING FILTER ROTARY VALVE
READY INDICATION ADDITIONAL SOLID PROPORTIONING BELT
CUMULATIVE FAULT INDICATION ADDITIONAL SOLID PROPORTIONING BELT

RACK 2

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
CNB	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32

				SABIZ PLANT 90.CAB.1	desmet ballestra	DIGITAL INPUT RACK 2, DI203
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RACK 2
SLOT 4

DI204
(028.5A)

ROCKWELL
1756-IB32

CH0	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9	CH10	CH11	CH12	CH13	CH14	CH15
IN-0	IN-1	IN-2	IN-3	IN-4	IN-5	IN-6	IN-7	IN-8	IN-9	IN-10	IN-11	IN-12	IN-13	IN-14	IN-15
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

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DI204A
(092.2B)

	20400	20401	20402	20403	20404	20405	20406	20407	20408	20409	20410	20411	20412	20413	20414	20415
	0,25mm² WHITE	0,25mm² BROWN	0,25mm² GREEN	0,25mm² YELLOW	0,25mm² GREY	0,25mm² PINK	0,25mm² BLUE	0,25mm² RED	0,25mm² BLACK	0,25mm² PURPLE	0,25mm² GREY/PINK	0,25mm² RED/BLUE	0,25mm² WHITE/GREEN	0,25mm² BROWN/GREEN	0,25mm² WHITE/YELLOW	0,25mm² YELLOW/BROWN
TB-MOT-DI	193-	194-	195-	196-	197-	198-	199-	200-	201-	202-	203-	204-	205-	206-	207-	208-
	65WG4-M	65WG4-M	KC 65.1	KC 65.1	65WG9-M	65WG9-M	65WG7-M	65WG7-M	65WG5-M	65WG5-M	65WG10-M	65WG10-M	65K3-M	65K3-M	65N5-M	65N5-M
TB-MOT-DI	193+	194+	195+	196+	197+	198+	199+	200+	201+	202+	203+	204+	205+	206+	207+	208+
	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA
	24+4.7	24+4.7	24+4.7	24+4.7	24+4.7	24+4.7	24+4.7	24+4.7	24+4.7	24+4.7	24+4.7	24+4.7	24+4.7	24+4.7	24+4.7	24+4.7

(016.7C) / 24+4.7 ▶ 24VDC — BROWN 1mm²
(016.9C) / 24-4.7 ▶ 1mm² BLUE

24+4.7 ▶ 24+4.7 / (092.1D)
24-4.7 ▶ 24-4.7 / (092.1E)

1	READY INDICATION ENZYME LOSS IN WEIGHT
2	CUMULATIVE FAULT INDICATION ENZYME LOSS IN WEIGHT
3	RUNNING INDICATION POST BLENDING DEDUSTING FILTER
4	CUMULATIVE FAULT INDICATION POST BLENDING DEDUSTING FILTER
5	READY INDICATION ADDITIONAL SOLID LOSS IN WEIGHT
6	CUMULATIVE FAULT INDICATION ADDITIONAL SOLID LOSS IN WEIGHT
7	READY INDICATION ADDITIONAL SOLID PROPORTIONING BELT
8	CUMULATIVE FAULT INDICATION ADDITIONAL SOLID PROPORTIONING BELT
9	READY INDICATION CMC LOSS IN WEIGHT
10	CUMULATIVE FAULT INDICATION CMC LOSS IN WEIGHT
11	READY INDICATION O.B.LOSS IN WEIGHT
12	CUMULATIVE FAULT INDICATION O.B.LOSS IN WEIGHT
13	RUNNING INDICATION DEDUSTING FILTER FAN
14	CUMULATIVE FAULT INDICATION DEDUSTING FILTER FAN
15	RUNNING INDICATION FEEDING BELT
16	CUMULATIVE FAULT INDICATION FEEDING BELT

RACK 2: 0 CNB | 1 IB32 | 2 IB32 | 3 IB32 | 4 IB32 | 5 IB32 | 6 IB32 | 7 IB32 | 8 IB32 | 9 IB32 | 10 IB32 | 11 IB32 | 12 IB32 | 13 IB32 | 14 IB32 | 15 IB32 | 16 IB32

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0	ISSUE FOR APPROVAL	TIE	18/05/2012		

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RACK 2
SLOT 4

DI204
(028.5A)

ROCKWELL
1756-IB32

CH16	CH17	CH18	CH19	CH20	CH21	CH22	CH23	CH24	CH25	CH26	CH27	CH28	CH29	CH30	CH31
IN-16	IN-17	IN-18	IN-19	IN-20	IN-21	IN-22	IN-23	IN-24	IN-25	IN-26	IN-27	IN-28	IN-29	IN-30	IN-31
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34

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DI204A
(091.2B)

20416	20417	20418	20419	20420	20421	20422	20423	20424	20425	20426	20427	20428	20429	20430	20431
0,25mm² WHITE/GREY	0,25mm² GREY/BROWN	0,25mm² WHITE/PINK	0,25mm² PINK/BROWN	0,25mm² WHITE/BLUE	0,25mm² BROWN/BLUE	0,25mm² WHITE/RED	0,25mm² BROWN/RED	0,25mm² WHITE/BLACK	0,25mm² BROWN/BLACK	0,25mm² GREY/GREEN	0,25mm² YELLOW/GREY	0,25mm² PINK/GREEN	0,25mm² YELLOW/PINK	0,25mm² GREEN/BLUE	0,25mm² YELLOW/BLUE
TB-MOT-DI 209-	TB-MOT-DI 210-	TB-MOT-DI 211-	TB-MOT-DI 212-	TB-MOT-DI 213-	TB-MOT-DI 214-	TB-MOT-DI 215-	TB-MOT-DI 216-	TB-MOT-DI 217-	TB-MOT-DI 218-	TB-MOT-DI 219-	TB-MOT-DI 220-	TB-MOT-DI 221-	TB-MOT-DI 222-	TB-MOT-DI 223-	TB-MOT-DI 224-
65N6-M	65N6-M	65N6-M	65N7-M	65N7-M	KC 65.3	KC 65.3	WK 62.1	KC 62.11A	WK 62A3	WK 62.3	WKP 62.4	62CL8-M	62CL8-M	62CL8-M	SPARE
TB-MOT-DI 209+ F200mA	TB-MOT-DI 210+ F200mA	TB-MOT-DI 211+ F200mA	TB-MOT-DI 212+ F200mA	TB-MOT-DI 213+ F200mA	TB-MOT-DI 214+ F200mA	TB-MOT-DI 215+ F200mA	TB-MOT-DI 216+ F200mA	TB-MOT-DI 217+ F200mA	TB-MOT-DI 218+ F200mA	TB-MOT-DI 219+ F200mA	TB-MOT-DI 220+ F200mA	TB-MOT-DI 221+ F200mA	TB-MOT-DI 222+ F200mA	TB-MOT-DI 223+ F200mA	TB-MOT-DI 224+ F200mA
24+4.7	24+4.7	24+4.7	24+4.7	24+4.7	24+4.7	24+4.7	24+4.7	24+4.7	24+4.7	24+4.7	24+4.7	24+4.7	24+4.7	24+4.7	24+4.7

BROWN 1mm²
24VDC
(091.10D) / 24+4.7
(091.10E) / 24-4.7
1mm² BLUE
24-4.7

RUNNING INDICATION RIGHT PACKAGING SILOS FEEDING BELT	RUNNING INDICATION LEFT PACKAGING SILOS FEEDING BELT	CUMULATIVE FAULT INDICATION PACKAGING SILOS FEEDING BELT	RUNNING INDICATION PACKAGING SILOS FEEDING BELT	CUMULATIVE FAULT INDICATION PACKAGING SILOS FEEDING BELT	RUNNING INDICATION DEDUSTING FILTER FAN	CUMULATIVE FAULT INDICATION DEDUSTING FILTER FAN	AUTOM. CONT. INS. OR FAILURE 62WG1	INSERT FROM 90.CCS.1 62WG1	AUTOM. CONT. INS. 62A3	AUTOM. CONT. INS. OR FAILURE 62WG3	AUTOM. CONT. INS. OR FAILURE 62WG4	RUNNING INDICATION HIGH SPEED MINORS EXTRACTION SREW	RUNNING INDICATION LOW SPEED MINORS EXTRACTION SREW	CUMULATIVE FAULT INDICATION MINORS EXTRACTION SREW	SPARE MOTOR

RACK 2

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
CNB	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32

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1	REVISED	TIE	02/10/2012		
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093 n.sh

RACK 2
SLOT 5

DI205
(028.5A)

ROCKWELL
1756-IB32

CH0	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9	CH10	CH11	CH12	CH13	CH14	CH15
IN-0	IN-1	IN-2	IN-3	IN-4	IN-5	IN-6	IN-7	IN-8	IN-9	IN-10	IN-11	IN-12	IN-13	IN-14	IN-15
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

GND-0 — 18

DI205A
(094.2B)

20500	20501	20502	20503	20504	20505	20506	20507	20508	20509	20510	20511	20512	20513	20514	20515
0,25mm² WHITE	0,25mm² BROWN	0,25mm² GREEN	0,25mm² YELLOW	0,25mm² GREY	0,25mm² PINK	0,25mm² BLUE	0,25mm² RED	0,25mm² BLACK	0,25mm² PURPLE	0,25mm² GREY/PINK	0,25mm² RED/BLUE	0,25mm² WHITE/GREEN	0,25mm² BROWN/GREEN	0,25mm² WHITE/YELLOW	0,25mm² YELLOW/BROWN
TB-MOT-DI 225-	TB-MOT-DI 226-	TB-MOT-DI 227-	TB-MOT-DI 228-	TB-MOT-DI 229-	TB-MOT-DI 230-	TB-MOT-DI 231-	TB-MOT-DI 232-	TB-MOT-DI 233-	TB-MOT-DI 234-	TB-MOT-DI 235-	TB-MOT-DI 236-	TB-MOT-DI 237-	TB-MOT-DI 238-	TB-MOT-DI 239-	TB-MOT-DI 240-
SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE
TB-MOT-DI 225+ F200mA	TB-MOT-DI 226+ F200mA	TB-MOT-DI 227+ F200mA	TB-MOT-DI 228+ F200mA	TB-MOT-DI 229+ F200mA	TB-MOT-DI 230+ F200mA	TB-MOT-DI 231+ F200mA	TB-MOT-DI 232+ F200mA	TB-MOT-DI 233+ F200mA	TB-MOT-DI 234+ F200mA	TB-MOT-DI 235+ F200mA	TB-MOT-DI 236+ F200mA	TB-MOT-DI 237+ F200mA	TB-MOT-DI 238+ F200mA	TB-MOT-DI 239+ F200mA	TB-MOT-DI 240+ F200mA
24+4.8	24+4.8	24+4.8	24+4.8	24+4.8	24+4.8	24+4.8	24+4.8	24+4.8	24+4.8	24+4.8	24+4.8	24+4.8	24+4.8	24+4.8	24+4.8

(016.7C) / 24+4.8 ▶ 24VDC — BROWN 1mm²
(016.9C) / 24-4.8 ▶ 1mm² BLUE

24+4.8 ▶ 24+4.8 / (094.1D)
24-4.8 ▶ 24-4.8 / (094.1E)

SPARE MOTOR

RACK 2: 0 CNB | 1 IB32 | 2 IB32 | 3 IB32 | 4 IB32 | 5 IB32 | 6 IB32 | 7 IB32 | 8 IB32 | 9 IB32 | 10 IB32 | 11 IB32 | 12 IB32 | 13 IB32 | 14 IB32 | 15 IB32 | 16 IB32

				SABIZ PLANT 90.CAB.1		DIGITAL INPUT RACK 2, DI205	= +
0	ISSUE FOR APPROVAL	TIE	18/05/2012				
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RACK 2
SLOT 5

DI205
(028.5A)

ROCKWELL
1756-IB32

CH16	CH17	CH18	CH19	CH20	CH21	CH22	CH23	CH24	CH25	CH26	CH27	CH28	CH29	CH30	CH31
IN-16	IN-17	IN-18	IN-19	IN-20	IN-21	IN-22	IN-23	IN-24	IN-25	IN-26	IN-27	IN-28	IN-29	IN-30	IN-31
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34

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DI205A
(093.2B)

	20516	20517	20518	20519	20520	20521	20522	20523	20524	20525	20526	20527	20528	20529	20530	20531
0,25mm²	WHITE/GREY	GREY/BROWN	WHITE/PINK	PINK/BROWN	WHITE/BLUE	BROWN/BLUE	WHITE/RED	BROWN/RED	WHITE/BLACK	BROWN/BLACK	GREY/GREEN	YELLOW/GREY	PINK/GREEN	YELLOW/PINK	GREEN/BLUE	YELLOW/BLUE
TB-MOT-DI	241-	242-	243-	244-	245-	246-	247-	248-	249-	250-	251-	252-	253-	254-	255-	256-
SPARE																
TB-MOT-DI	241+	242+	243+	244+	245+	246+	247+	248+	249+	250+	251+	252+	253+	254+	255+	256+
	F200mA															
	24+4.8															

BROWN
1mm²

(093.10D) / 24+4.8 ▶ 24VDC

(093.10E) / 24-4.8 ▶

1mm²
BLUE

24-4.8

SPARE MOTOR

RACK 2

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
CNB	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32

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0	ISSUE FOR APPROVAL	TIE	18/05/2012		

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DIGITAL INPUT RACK 2, DI205

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095 n.sh

RACK 2
SLOT 6

DI206
(028.5A)

ROCKWELL
1756-IB32

CH0	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9	CH10	CH11	CH12	CH13	CH14	CH15
IN-0	IN-1	IN-2	IN-3	IN-4	IN-5	IN-6	IN-7	IN-8	IN-9	IN-10	IN-11	IN-12	IN-13	IN-14	IN-15
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

GND-0 — 18

DI206A
(096.2B)

20600	20601	20602	20603	20604	20605	20606	20607	20608	20609	20610	20611	20612	20613	20614	20615
0,25mm² WHITE	0,25mm² BROWN	0,25mm² GREEN	0,25mm² YELLOW	0,25mm² GREY	0,25mm² PINK	0,25mm² BLUE	0,25mm² RED	0,25mm² BLACK	0,25mm² PURPLE	0,25mm² GREY/PINK	0,25mm² RED/BLUE	0,25mm² WHITE/GREEN	0,25mm² BROWN/GREEN	0,25mm² WHITE/YELLOW	0,25mm² YELLOW/BROWN
TB-VAL-DI 1-	TB-VAL-DI 2-	TB-VAL-DI 3-	TB-VAL-DI 4-	TB-VAL-DI 5-	TB-VAL-DI 6-	TB-VAL-DI 7-	TB-VAL-DI 8-	TB-VAL-DI 9-	TB-VAL-DI 10-	TB-VAL-DI 11-	TB-VAL-DI 12-	TB-VAL-DI 13-	TB-VAL-DI 14-	TB-VAL-DI 15-	TB-VAL-DI 16-
ZSL 62.1	ZSH 63.1A	ZSL 63.1A	ZSH 63.1B	ZSL 63.1B	ZSL 62.3	ZSH 62.66	ZSL 62.66	ZSL 62.4	ZSH 62.2	ZSL 62.2	ZSH 62.6	ZSL 62.6	ZSH 62.6A	ZSL 62.6A	ZSH 62.2B
TB-VAL-DI 1+	TB-VAL-DI 2+	TB-VAL-DI 3+	TB-VAL-DI 4+	TB-VAL-DI 5+	TB-VAL-DI 6+	TB-VAL-DI 7+	TB-VAL-DI 8+	TB-VAL-DI 9+	TB-VAL-DI 10+	TB-VAL-DI 11+	TB-VAL-DI 12+	TB-VAL-DI 13+	TB-VAL-DI 14+	TB-VAL-DI 15+	TB-VAL-DI 16+
F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA
24+4.9	24+4.9	24+4.9	24+4.9	24+4.9	24+4.9	24+4.9	24+4.9	24+4.9	24+4.9	24+4.9	24+4.9	24+4.9	24+4.9	24+4.9	24+4.9

(016.7C) / 24+4.9 ▶ 24VDC — BROWN 1mm²
(016.9C) / 24-4.9 ▶ 1mm² BLUE

24+4.9 / (096.1D)
24-4.9 / (096.1E)

VALVE CLOSE POSITION 62WG1	VALVE OPEN POSITION 62A3 (KV63.1A)	VALVE CLOSE POSITION 62A3 (KV63.1A)	VALVE OPEN POSITION 62A3 (KV63.1B)	VALVE CLOSE POSITION 62A3 (KV63.2B)	VALVE CLOSE POSITION 62WG3	VALVE OPEN POSITION OUTLET 62CL6	VALVE CLOSE POSITION OUTLET 62CL6	VALVE CLOSE POSITION 62WG4	VALVE OPEN POSITION OUTLET 62A1	VALVE CLOSE POSITION OUTLET 62A1	VALVE OPEN POSITION OUTLET 62CL6	VALVE CLOSE POSITION OUTLET 62CL6	VALVE OPEN POSITION OUTLET 62CL6A	VALVE CLOSE POSITION OUTLET 62CL6A	VALVE OPEN POSITION OUTLET 62A1B

RACK 2 — 0 CNB | 1 IB32 | 2 IB32 | 3 IB32 | 4 IB32 | 5 IB32 | 6 IB32 | 7 IB32 | 8 IB32 | 9 IB32 | 10 IB32 | 11 IB32 | 12 IB32 | 13 IB32 | 14 IB32 | 15 IB32 | 16 IB32

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1	REVISED	TIE	02/10/2012		
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SABIZ PLANT
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DIGITAL INPUT RACK 2, DI206

Page title

JOB 2F11

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Sheet 095
096 n.sh

RACK 2
SLOT 6

DI206
(028.5A)

ROCKWELL
1756-IB32

CH16	CH17	CH18	CH19	CH20	CH21	CH22	CH23	CH24	CH25	CH26	CH27	CH28	CH29	CH30	CH31
IN-16	IN-17	IN-18	IN-19	IN-20	IN-21	IN-22	IN-23	IN-24	IN-25	IN-26	IN-27	IN-28	IN-29	IN-30	IN-31
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34

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DI206A
(095.2B)

20616	20617	20618	20619	20620	20621	20622	20623	20624	20625	20626	20627	20628	20629	20630	20631
0,25mm² WHITE/GREY	0,25mm² GREY/BROWN	0,25mm² WHITE/PINK	0,25mm² PINK/BROWN	0,25mm² WHITE/BLUE	0,25mm² BROWN/BLUE	0,25mm² WHITE/RED	0,25mm² BROWN/RED	0,25mm² WHITE/BLACK	0,25mm² BROWN/BLACK	0,25mm² GREY/GREEN	0,25mm² YELLOW/GREY	0,25mm² PINK/GREEN	0,25mm² YELLOW/PINK	0,25mm² GREEN/BLUE	0,25mm² YELLOW/BLUE
TB-VAL-DI 17-	TB-VAL-DI 18-	TB-VAL-DI 19-	TB-VAL-DI 20-	TB-VAL-DI 21-	TB-VAL-DI 22-	TB-VAL-DI 23-	TB-VAL-DI 24-	TB-VAL-DI 25-	TB-VAL-DI 26-	TB-VAL-DI 27-	TB-VAL-DI 28-	TB-VAL-DI 29-	TB-VAL-DI 30-	TB-VAL-DI 31-	TB-VAL-DI 32-
ZSL 62.2B	ZSH 62.66A	ZSL 62.66A	ZSH 62.7	ZSL 62.7	ZSH 62.8	ZSL 62.8	ZSH 62.9	ZSL 62.9	ZSH 62.10	ZSL 62.10	ZSH 62.11	ZSL 62.11	ZSH 62.12	ZSL 62.12	ZSH 62.13
TB-VAL-DI 17+ F200mA	TB-VAL-DI 18+ F200mA	TB-VAL-DI 19+ F200mA	TB-VAL-DI 20+ F200mA	TB-VAL-DI 21+ F200mA	TB-VAL-DI 22+ F200mA	TB-VAL-DI 23+ F200mA	TB-VAL-DI 24+ F200mA	TB-VAL-DI 25+ F200mA	TB-VAL-DI 26+ F200mA	TB-VAL-DI 27+ F200mA	TB-VAL-DI 28+ F200mA	TB-VAL-DI 29+ F200mA	TB-VAL-DI 30+ F200mA	TB-VAL-DI 31+ F200mA	TB-VAL-DI 32+ F200mA
24+4.9	24+4.9	24+4.9	24+4.9	24+4.9	24+4.9	24+4.9	24+4.9	24+4.9	24+4.9	24+4.9	24+4.9	24+4.9	24+4.9	24+4.9	24+4.9

(095.10D) / 24+4.9 ▶
(095.10E) / 24-4.9 ▶
24VDC
BROWN 1mm²
1mm² BLUE
24-4.9

ZSL 62.2B	VALVE CLOSE POSITION OUTLET 62A1B
ZSH 62.66A	VALVE OPEN POSITION OUTLET 62CL6A
ZSL 62.66A	VALVE CLOSE POSITION OUTLET 62CL6A
ZSH 62.7	VALVE OPEN POSITION "LABS" FROM BATTERY LIMITS
ZSL 62.7	VALVE CLOSE POSITION "LABS" FROM BATTERY LIMITS
ZSH 62.8	VALVE OPEN POSITION "WH" FROM 62V6
ZSL 62.8	VALVE CLOSE POSITION "WH" FROM 62V6
ZSH 62.9	VALVE OPEN POSITION "SODIUM SILICATE" FROM BATTERY LIMITS
ZSL 62.9	VALVE CLOSE POSITION "SODIUM SILICATE" FROM BATTERY LIMITS
ZSH 62.10	VALVE OPEN POSITION "SB" FROM 62A2
ZSL 62.10	VALVE CLOSE POSITION "SB" FROM 62A2
ZSH 62.11	VALVE OPEN POSITION "POLYMER" FROM BATTERY LIMITS
ZSL 62.11	VALVE CLOSE POSITION "POLYMER" FROM BATTERY LIMITS
ZSH 62.12	VALVE OPEN POSITION "POLYMER" FROM BATTERY LIMITS
ZSL 62.12	VALVE CLOSE POSITION "POLYMER" FROM BATTERY LIMITS
ZSH 62.13	VALVE OPEN POSITION "CAUSTIC SODA" FROM BATTERY LIMITS

RACK 2: 0 CNB | 1 IB32 | 2 IB32 | 3 IB32 | 4 IB32 | 5 IB32 | 6 IB32 | 7 IB32 | 8 IB32 | 9 IB32 | 10 IB32 | 11 IB32 | 12 IB32 | 13 IB32 | 14 IB32 | 15 IB32 | 16 IB32

Rev.	Modification	Author	Date	Replacement	Replaced by
0	ISSUE FOR APPROVAL	TIE	18/05/2012		

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DIGITAL INPUT RACK 2, DI206

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JOB 2F11

DWG. 2F11-85-001

Sheet 096
097 n.sh

RACK 2
SLOT 7

DI207
(028.5A)

ROCKWELL
1756-IB32

CH0	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9	CH10	CH11	CH12	CH13	CH14	CH15
IN-0	IN-1	IN-2	IN-3	IN-4	IN-5	IN-6	IN-7	IN-8	IN-9	IN-10	IN-11	IN-12	IN-13	IN-14	IN-15
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

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DI207A
(098.2B)

20700	20701	20702	20703	20704	20705	20706	20707	20708	20709	20710	20711	20712	20713	20714	20715
0,25mm² WHITE	0,25mm² BROWN	0,25mm² GREEN	0,25mm² YELLOW	0,25mm² GREY	0,25mm² PINK	0,25mm² BLUE	0,25mm² RED	0,25mm² BLACK	0,25mm² PURPLE	0,25mm² GREY/PINK	0,25mm² RED/BLUE	0,25mm² WHITE/GREEN	0,25mm² BROWN/GREEN	0,25mm² WHITE/YELLOW	0,25mm² YELLOW/BROWN
TB-VAL-DI 33-	TB-VAL-DI 34-	TB-VAL-DI 35-	TB-VAL-DI 36-	TB-VAL-DI 37-	TB-VAL-DI 38-	TB-VAL-DI 39-	TB-VAL-DI 40-	TB-VAL-DI 41-	TB-VAL-DI 42-	TB-VAL-DI 43-	TB-VAL-DI 44-	TB-VAL-DI 45-	TB-VAL-DI 46-	TB-VAL-DI 47-	TB-VAL-DI 48-
ZSL 62.13	ZSH 63.1A	ZSL 63.1A	ZSH 63.1B	ZSL 63.1B	ZSH 63.2A	ZSL 63.2A	ZSH 63.2B	ZSL 63.2B	ZSH 63.3A	ZSL 63.3A	ZSH 63.3B	ZSL 63.3B	ZSH 63.4A	ZSL 63.4A	ZSH 63.4B
TB-VAL-DI 33+ F200mA	TB-VAL-DI 34+ F200mA	TB-VAL-DI 35+ F200mA	TB-VAL-DI 36+ F200mA	TB-VAL-DI 37+ F200mA	TB-VAL-DI 38+ F200mA	TB-VAL-DI 39+ F200mA	TB-VAL-DI 40+ F200mA	TB-VAL-DI 41+ F200mA	TB-VAL-DI 42+ F200mA	TB-VAL-DI 43+ F200mA	TB-VAL-DI 44+ F200mA	TB-VAL-DI 45+ F200mA	TB-VAL-DI 46+ F200mA	TB-VAL-DI 47+ F200mA	TB-VAL-DI 48+ F200mA
24+4.10	24+4.10	24+4.10	24+4.10	24+4.10	24+4.10	24+4.10	24+4.10	24+4.10	24+4.10	24+4.10	24+4.10	24+4.10	24+4.10	24+4.10	24+4.10

(016.6E) / 24+4.10 → 24VDC BROWN 1mm² → 24+4.10 / (098.1D)
(016.8E) / 24-4.10 → 1mm² BLUE → 24-4.10 / (098.1E)

VALVE CLOSE POSITION "CAUSTIC SODA" FROM BATTERY LIMITS	VALVE OPEN POSITION STEAM TO 63A1A (TV63.1A)	VALVE CLOSE POSITION STEAM TO 63A1A (TV63.1A)	VALVE OPEN POSITION STEAM TO 63A1B (TV63.1B)	VALVE CLOSE POSITION STEAM TO 63A1B (TV63.1B)	VALVE OPEN POSITION OUTLET 63A1A	VALVE CLOSE POSITION OUTLET 63A1A	VALVE OPEN POSITION OUTLET 63A1B	VALVE CLOSE POSITION OUTLET 63A1B	VALVE OPEN POSITION DISCHARGE 63P3A	VALVE CLOSE POSITION DISCHARGE 63P3A	VALVE OPEN POSITION DISCHARGE 63P3B	VALVE CLOSE POSITION DISCHARGE 63P3B	VALVE OPEN POSITION DISCHARGE 63P4A	VALVE CLOSE POSITION DISCHARGE 63P4A	VALVE OPEN POSITION DISCHARGE 63P4B

RACK 2: 0 CNB | 1 IB32 | 2 IB32 | 3 IB32 | 4 IB32 | 5 IB32 | 6 IB32 | 7 IB32 | 8 IB32 | 9 IB32 | 10 IB32 | 11 IB32 | 12 IB32 | 13 IB32 | 14 IB32 | 15 IB32 | 16 IB32

Rev.	Modification	Author	Date
1	REVISED	TIE	02/10/2012
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DIGITAL INPUT RACK 2, DI207

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098 n.sh

RACK 2
SLOT 7

DI207
(028.5A)

ROCKWELL
1756-IB32

CH16	CH17	CH18	CH19	CH20	CH21	CH22	CH23	CH24	CH25	CH26	CH27	CH28	CH29	CH30	CH31
IN-16	IN-17	IN-18	IN-19	IN-20	IN-21	IN-22	IN-23	IN-24	IN-25	IN-26	IN-27	IN-28	IN-29	IN-30	IN-31
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34

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DI207A
(097.2B)

	20716	20717	20718	20719	20720	20721	20722	20723	20724	20725	20726	20727	20728	20729	20730	20731
0,25mm²	WHITE/GREY	GREY/BROWN	WHITE/PINK	PINK/BROWN	WHITE/BLUE	BROWN/BLUE	WHITE/RED	BROWN/RED	WHITE/BLACK	BROWN/BLACK	GREY/GREEN	YELLOW/GREY	PINK/GREEN	YELLOW/PINK	GREEN/BLUE	YELLOW/BLUE
TB-VAL-DI	49-	50-	51-	52-	53-	54-	55-	56-	57-	58-	59-	60-	61-	62-	63-	64-
	ZSL 63.4B	ZSH 63.20A	ZSL 63.20A	ZSH 63.20B	ZSL 63.20B	ZSH 64.1	ZSL 64.1	ZSH 64.2	ZSL 64.2	ZSH 64.9	ZSL 64.9	ZSH 64.10	ZSL 64.10	ZE 64.9	ZE 64.3	ZE 64.4
TB-VAL-DI	49+	50+	51+	52+	53+	54+	55+	56+	57+	58+	59+	60+	61+	62+	63+	64+
F200mA																
24+4.10																

BROWN
1mm²
24VDC
(097.10D) / 24+4.10
(097.10E) / 24-4.10
1mm²
BLUE
24-4.10

VALVE CLOSE POSITION DISCHARGE 63P4B
VALVE OPEN POSITION DISCHARGE 63P2A
VALVE CLOSE POSITION DISCHARGE 63P2A
VALVE OPEN POSITION DISCHARGE 63P2B
VALVE CLOSE POSITION DISCHARGE 63P2B
VALVE OPEN POSITION OUTLET 64H2
VALVE CLOSE POSITION OUTLET 64H2
VALVE OPEN POSITION INLET 64AT1
VALVE CLOSE POSITION INLET 64AT1
VALVE OPEN POSITION DELIVERY 64P1
VALVE CLOSE POSITION DELIVERY 64P1
VALVE OPEN POSITION FUEL OIL FROM BATTERY LIMITS
VALVE CLOSE POSITION FUEL OIL FROM BATTERY LIMITS
64V9 SKID
64WG3 SKID
64WG4 SKID

RACK 2: 0 CNB | 1 IB32 | 2 IB32 | 3 IB32 | 4 IB32 | 5 IB32 | 6 IB32 | 7 IB32 | 8 IB32 | 9 IB32 | 10 IB32 | 11 IB32 | 12 IB32 | 13 IB32 | 14 IB32 | 15 IB32 | 16 IB32

Rev.	Modification	Author	Date
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90.CAB.1
Replacement | Replaced by

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DIGITAL INPUT RACK 2, DI207
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Sheet 098
099 n.sh

RACK 2
SLOT 8

DI208
(028.6A)

ROCKWELL
1756-IB32

CH0	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9	CH10	CH11	CH12	CH13	CH14	CH15
IN-0	IN-1	IN-2	IN-3	IN-4	IN-5	IN-6	IN-7	IN-8	IN-9	IN-10	IN-11	IN-12	IN-13	IN-14	IN-15
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

GND-0 — 18

DI208A
(100.2B)

20800	20801	20802	20803	20804	20805	20806	20807	20808	20809	20810	20811	20812	20813	20814	20815
0,25mm² WHITE	0,25mm² BROWN	0,25mm² GREEN	0,25mm² YELLOW	0,25mm² GREY	0,25mm² PINK	0,25mm² BLUE	0,25mm² RED	0,25mm² BLACK	0,25mm² PURPLE	0,25mm² GREY/PINK	0,25mm² RED/BLUE	0,25mm² WHITE/GREEN	0,25mm² BROWN/GREEN	0,25mm² WHITE/YELLOW	0,25mm² YELLOW/BROWN
TB-VAL-DI 65-	TB-VAL-DI 66-	TB-VAL-DI 67-	TB-VAL-DI 68-	TB-VAL-DI 69-	TB-VAL-DI 70-	TB-VAL-DI 71-	TB-VAL-DI 72-	TB-VAL-DI 73-	TB-VAL-DI 74-	TB-VAL-DI 75-	TB-VAL-DI 76-	TB-VAL-DI 77-	TB-VAL-DI 78-	TB-VAL-DI 79-	TB-VAL-DI 80-
ZE 65.1	ZE 65.2	ZSL 65.3	ZSL 65.4	ZSL 65.5	ZSL 65.9	ZSL 65.10	ZE 65.8	ZSH 65.11A	ZSL 65.11A	ZSH 65.11B	ZSL 65.11B	ZSH 65.11C	ZSL 65.11C	ZSH 65.11D	ZSL 65.11D
TB-VAL-DI 65+ F200mA	TB-VAL-DI 66+ F200mA	TB-VAL-DI 67+ F200mA	TB-VAL-DI 68+ F200mA	TB-VAL-DI 69+ F200mA	TB-VAL-DI 70+ F200mA	TB-VAL-DI 71+ F200mA	TB-VAL-DI 72+ F200mA	TB-VAL-DI 73+ F200mA	TB-VAL-DI 74+ F200mA	TB-VAL-DI 75+ F200mA	TB-VAL-DI 76+ F200mA	TB-VAL-DI 77+ F200mA	TB-VAL-DI 78+ F200mA	TB-VAL-DI 79+ F200mA	TB-VAL-DI 80+ F200mA
24+4.11	24+4.11	24+4.11	24+4.11	24+4.11	24+4.11	24+4.11	24+4.11	24+4.11	24+4.11	24+4.11	24+4.11	24+4.11	24+4.11	24+4.11	24+4.11

(016.6E) / 24+4.11 → 24VDC BROWN 1mm² → 24+4.11 / (100.1D)
(016.8E) / 24-4.11 → 1mm² BLUE → 24-4.11 / (100.1E)

65WG1 SKID	65WG2 SKID	VALVE CLOSE POSITION 65WG3	VALVE CLOSE POSITION 65WG4	VALVE CLOSE POSITION 65WG5	VALVE CLOSE POSITION 65WG9	VALVE CLOSE POSITION 65WG10	65WG8 SKID	VALVE OPEN POSITION 65V11A	VALVE CLOSE POSITION 65V11A	VALVE OPEN POSITION 65V11B	VALVE CLOSE POSITION 65V11B	VALVE OPEN POSITION 65V11C	VALVE CLOSE POSITION 65V11C	VALVE OPEN POSITION 65V11D	VALVE CLOSE POSITION 65V11D

RACK 2: 0 CNB | 1 IB32 | 2 IB32 | 3 IB32 | 4 IB32 | 5 IB32 | 6 IB32 | 7 IB32 | 8 IB32 | 9 IB32 | 10 IB32 | 11 IB32 | 12 IB32 | 13 IB32 | 14 IB32 | 15 IB32 | 16 IB32

Rev.	Modification	Author	Date
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SABIZ PLANT
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DIGITAL INPUT RACK 2, DI208

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JOB 2F11

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Sheet 099
100 n.sh

RACK 2
SLOT 8

DI208
(028.6A)

ROCKWELL
1756-IB32

CH16	CH17	CH18	CH19	CH20	CH21	CH22	CH23	CH24	CH25	CH26	CH27	CH28	CH29	CH30	CH31
IN-16	IN-17	IN-18	IN-19	IN-20	IN-21	IN-22	IN-23	IN-24	IN-25	IN-26	IN-27	IN-28	IN-29	IN-30	IN-31
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34

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DI208A
(099.2B)

	20816	20817	20818	20819	20820	20821	20822	20823	20824	20825	20826	20827	20828	20829	20830	20831
0,25mm²	WHITE/GREY	GREY/BROWN	WHITE/PINK	PINK/BROWN	WHITE/BLUE	BROWN/BLUE	WHITE/RED	BROWN/RED	WHITE/BLACK	BROWN/BLACK	GREY/GREEN	YELLOW/GREY	PINK/GREEN	YELLOW/PINK	GREEN/BLUE	YELLOW/BLUE
TB-VAL-DI	81-	82-	83-	84-	85-	86-	87-	88-	89-	90-	91-	92-	93-	94-	95-	96-
ZSH 65.11E	ZSL 65.11E	ZSH 65.11F	ZSL 65.11F	ZSH 65.11G	ZSL 65.11G	ZSH 65.11H	ZSL 65.11H	ZSH 65.11I	ZSL 65.11I	ZSH 65.11L	ZSL 65.11L	ZSH 65.11M	ZSL 65.11M	ZSH 65.11N	ZSL 65.11N	
TB-VAL-DI	81+	82+	83+	84+	85+	86+	87+	88+	89+	90+	91+	92+	93+	94+	95+	96+
F200mA																
24+4.11																

BROWN
1mm²

24VDC

(099.10D) / 24+4.11

(099.10E) / 24-4.11

1mm²
BLUE

24-4.11

VALVE OPEN POSITION 65V11E
VALVE CLOSE POSITION 65V11E
VALVE OPEN POSITION 65V11F
VALVE CLOSE POSITION 65V11F
VALVE OPEN POSITION 65V11G
VALVE CLOSE POSITION 65V11G
VALVE OPEN POSITION 65V11H
VALVE CLOSE POSITION 65V11H
VALVE OPEN POSITION 65V11I
VALVE CLOSE POSITION 65V11I
VALVE OPEN POSITION 65V11L
VALVE CLOSE POSITION 65V11L
VALVE OPEN POSITION 65V11M
VALVE CLOSE POSITION 65V11M
VALVE OPEN POSITION 65V11N
VALVE CLOSE POSITION 65V11N

RACK 2: 0 CNB | 1 IB32 | 2 IB32 | 3 IB32 | 4 IB32 | 5 IB32 | 6 IB32 | 7 IB32 | 8 IB32 | 9 IB32 | 10 IB32 | 11 IB32 | 12 IB32 | 13 IB32 | 14 IB32 | 15 IB32 | 16 IB32

Rev.	Modification	Author	Date	Replacement	Replaced by
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DIGITAL INPUT RACK 2, DI208

Page title

JOB 2F11

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Sheet 100
101 n.sh

RACK 2
SLOT 9

DI209
(028.6A)

ROCKWELL
1756-IB32

CH0	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9	CH10	CH11	CH12	CH13	CH14	CH15
IN-0	IN-1	IN-2	IN-3	IN-4	IN-5	IN-6	IN-7	IN-8	IN-9	IN-10	IN-11	IN-12	IN-13	IN-14	IN-15
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

GND-0 — 18

DI209A
(102.2B)

20900	20901	20902	20903	20904	20905	20906	20907	20908	20909	20910	20911	20912	20913	20914	20915
0,25mm² WHITE	0,25mm² BROWN	0,25mm² GREEN	0,25mm² YELLOW	0,25mm² GREY	0,25mm² PINK	0,25mm² BLUE	0,25mm² RED	0,25mm² BLACK	0,25mm² PURPLE	0,25mm² GREY/PINK	0,25mm² RED/BLUE	0,25mm² WHITE/GREEN	0,25mm² BROWN/GREEN	0,25mm² WHITE/YELLOW	0,25mm² YELLOW/BROWN
TB-VAL-DI 97-	TB-VAL-DI 98-	TB-VAL-DI 99-	TB-VAL-DI 100-	TB-VAL-DI 101-	TB-VAL-DI 102-	TB-VAL-DI 103-	TB-VAL-DI 104-	TB-VAL-DI 105-	TB-VAL-DI 106-	TB-VAL-DI 107-	TB-VAL-DI 108-	TB-VAL-DI 109-	TB-VAL-DI 110-	TB-VAL-DI 111-	TB-VAL-DI 112-
ZSH 65.11O	ZSL 65.11O	ZSH 65.11P	ZSL 65.11P	ZSH 65.11Q	ZSL 65.11Q	ZSH 65.12A	ZSL 65.12A	ZSH 65.12B	ZSL 65.12B	ZSH 65.12C	ZSL 65.12C	ZSH 65.12D	ZSL 65.12D	ZSH 65.12E	ZSL 65.12E
TB-VAL-DI 97+	TB-VAL-DI 98+	TB-VAL-DI 99+	TB-VAL-DI 100+	TB-VAL-DI 101+	TB-VAL-DI 102+	TB-VAL-DI 103+	TB-VAL-DI 104+	TB-VAL-DI 105+	TB-VAL-DI 106+	TB-VAL-DI 107+	TB-VAL-DI 108+	TB-VAL-DI 109+	TB-VAL-DI 110+	TB-VAL-DI 111+	TB-VAL-DI 112+
F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA
24+4.12	24+4.12	24+4.12	24+4.12	24+4.12	24+4.12	24+4.12	24+4.12	24+4.12	24+4.12	24+4.12	24+4.12	24+4.12	24+4.12	24+4.12	24+4.12

BROWN 1mm²

(016.6E) / 24+4.12 ▶ 24VDC

(016.8E) / 24-4.12 ▶ 1mm² BLUE

24+4.12 ▶ 24+4.12 / (102.1D)

24-4.12 ▶ 24-4.12 / (102.1E)

VALVE OPEN POSITION 65V11O	VALVE CLOSE POSITION 65V11O	VALVE OPEN POSITION 65V11P	VALVE CLOSE POSITION 65V11P	VALVE OPEN POSITION 65V11Q	VALVE CLOSE POSITION 65V11Q	VALVE OPEN POSITION 65V12A	VALVE CLOSE POSITION 65V12A	VALVE OPEN POSITION 65V12B	VALVE CLOSE POSITION 65V12B	VALVE OPEN POSITION 65V12C	VALVE CLOSE POSITION 65V12C	VALVE OPEN POSITION 65V12D	VALVE CLOSE POSITION 65V12D	VALVE OPEN POSITION 65V12E	VALVE CLOSE POSITION 65V12E

RACK 2: 0 CNB | 1 IB32 | 2 IB32 | 3 IB32 | 4 IB32 | 5 IB32 | 6 IB32 | 7 IB32 | 8 IB32 | 9 IB32 | 10 IB32 | 11 IB32 | 12 IB32 | 13 IB32 | 14 IB32 | 15 IB32 | 16 IB32

Rev.	Modification	Author	Date	Replacement	Replaced by
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SABIZ PLANT
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DIGITAL INPUT RACK 2, DI209

Page title

JOB 2F11

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Sheet 101
102 n.sh

RACK 2
SLOT 9

DI209
(028.6A)

ROCKWELL
1756-IB32

CH16	CH17	CH18	CH19	CH20	CH21	CH22	CH23	CH24	CH25	CH26	CH27	CH28	CH29	CH30	CH31
IN-16	IN-17	IN-18	IN-19	IN-20	IN-21	IN-22	IN-23	IN-24	IN-25	IN-26	IN-27	IN-28	IN-29	IN-30	IN-31
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34

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DI209A
(101.2B)

20916	20917	20918	20919	20920	20921	20922	20923	20924	20925	20926	20927	20928	20929	20930	20931
0,25mm² WHITE/GREY	0,25mm² GREY/BROWN	0,25mm² WHITE/PINK	0,25mm² PINK/BROWN	0,25mm² WHITE/BLUE	0,25mm² BROWN/BLUE	0,25mm² WHITE/RED	0,25mm² BROWN/RED	0,25mm² WHITE/BLACK	0,25mm² BROWN/BLACK	0,25mm² GREY/GREEN	0,25mm² YELLOW/GREY	0,25mm² PINK/GREEN	0,25mm² YELLOW/PINK	0,25mm² GREEN/BLUE	0,25mm² YELLOW/BLUE
TB-VAL-DI 113-	TB-VAL-DI 114-	TB-VAL-DI 115-	TB-VAL-DI 116-	TB-VAL-DI 117-	TB-VAL-DI 118-	TB-VAL-DI 119-	TB-VAL-DI 120-	TB-VAL-DI 121-	TB-VAL-DI 122-	TB-VAL-DI 123-	TB-VAL-DI 124-	TB-VAL-DI 125-	TB-VAL-DI 126-	TB-VAL-DI 127-	TB-VAL-DI 128-
ZSH 65.12F	ZSL 65.12F	ZSH 65.12G	ZSL 65.12G	ZSH 65.12H	ZSL 65.12H	ZSH 65.12I	ZSL 65.12I	ZSH 65.12L	ZSL 65.12L	ZSH 65.12M	ZSL 65.12M	ZSH 65.12O	ZSL 65.12O	ZSH 65.12P	ZSL 65.12P
TB-VAL-DI 113+ F200mA	TB-VAL-DI 114+ F200mA	TB-VAL-DI 115+ F200mA	TB-VAL-DI 116+ F200mA	TB-VAL-DI 117+ F200mA	TB-VAL-DI 118+ F200mA	TB-VAL-DI 119+ F200mA	TB-VAL-DI 120+ F200mA	TB-VAL-DI 121+ F200mA	TB-VAL-DI 122+ F200mA	TB-VAL-DI 123+ F200mA	TB-VAL-DI 124+ F200mA	TB-VAL-DI 125+ F200mA	TB-VAL-DI 126+ F200mA	TB-VAL-DI 127+ F200mA	TB-VAL-DI 128+ F200mA
24+4.12	24+4.12	24+4.12	24+4.12	24+4.12	24+4.12	24+4.12	24+4.12	24+4.12	24+4.12	24+4.12	24+4.12	24+4.12	24+4.12	24+4.12	24+4.12

BROWN 1mm²

(101.10D) / 24+4.12 ← 24VDC

(101.10E) / 24-4.12 ← 1mm² BLUE

24-4.12

VALVE OPEN POSITION 65V12F	VALVE CLOSE POSITION 65V12F	VALVE OPEN POSITION 65V12G	VALVE CLOSE POSITION 65V12G	VALVE OPEN POSITION 65V12H	VALVE CLOSE POSITION 65V12H	VALVE OPEN POSITION 65V12I	VALVE CLOSE POSITION 65V12I	VALVE OPEN POSITION 65V12L	VALVE CLOSE POSITION 65V12L	VALVE OPEN POSITION 65V12M	VALVE CLOSE POSITION 65V12M	VALVE OPEN POSITION 65V12O	VALVE CLOSE POSITION 65V12O	VALVE OPEN POSITION 65V12P	VALVE CLOSE POSITION 65V12P

RACK 2

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
CNB	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32

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RACK 2
SLOT 10

DI210
(028.6A)

ROCKWELL
1756-IB32

CH0	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9	CH10	CH11	CH12	CH13	CH14	CH15
IN-0	IN-1	IN-2	IN-3	IN-4	IN-5	IN-6	IN-7	IN-8	IN-9	IN-10	IN-11	IN-12	IN-13	IN-14	IN-15
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

GND-0 — 18

DI210A
(104.2B)

21000	21001	21002	21003	21004	21005	21006	21007	21008	21009	21010	21011	21012	21013	21014	21015
0,25mm² WHITE	0,25mm² BROWN	0,25mm² GREEN	0,25mm² YELLOW	0,25mm² GREY	0,25mm² PINK	0,25mm² BLUE	0,25mm² RED	0,25mm² BLACK	0,25mm² PURPLE	0,25mm² GREY/PINK	0,25mm² RED/BLUE	0,25mm² WHITE/GREEN	0,25mm² BROWN/GREEN	0,25mm² WHITE/YELLOW	0,25mm² YELLOW/BROWN
TB-VAL-DI 129-	TB-VAL-DI 130-	TB-VAL-DI 131-	TB-VAL-DI 132-	TB-VAL-DI 133-	TB-VAL-DI 134-	TB-VAL-DI 135-	TB-VAL-DI 136-	TB-VAL-DI 137-	TB-VAL-DI 138-	TB-VAL-DI 139-	TB-VAL-DI 140-	TB-VAL-DI 141-	TB-VAL-DI 142-	TB-VAL-DI 143-	TB-VAL-DI 144-
ZSH 65.12Q	ZSL 65.12Q	ZSH 65.12N	ZSL 65.12N	ZSH 65.18	ZSL 65.18	ZSL 65.7	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE
TB-VAL-DI 129+ F200mA	TB-VAL-DI 130+ F200mA	TB-VAL-DI 131+ F200mA	TB-VAL-DI 132+ F200mA	TB-VAL-DI 133+ F200mA	TB-VAL-DI 134+ F200mA	TB-VAL-DI 135+ F200mA	TB-VAL-DI 136+ F200mA	TB-VAL-DI 137+ F200mA	TB-VAL-DI 138+ F200mA	TB-VAL-DI 139+ F200mA	TB-VAL-DI 140+ F200mA	TB-VAL-DI 141+ F200mA	TB-VAL-DI 142+ F200mA	TB-VAL-DI 143+ F200mA	TB-VAL-DI 144+ F200mA
24+4.13	24+4.13	24+4.13	24+4.13	24+4.13	24+4.13	24+4.13	24+4.13	24+4.13	24+4.13	24+4.13	24+4.13	24+4.13	24+4.13	24+4.13	24+4.13

(016.6E) / 24+4.13 → 24VDC BROWN 1mm² → 24+4.13 / (104.1D)
(016.8E) / 24-4.13 → 1mm² BLUE → 24-4.13 / (104.1E)

VALVE OPEN POSITION 65V12Q	VALVE CLOSE POSITION 65V12Q	VALVE OPEN POSITION 65V12N	VALVE CLOSE POSITION 65V12N	VALVE OPEN POSITION OUTLET 65V8	VALVE CLOSE POSITION OUTLET 65V8	VALVE CLOSE POSITION 65WG7	SPARE VALVE	SPARE VALVE	SPARE VALVE	SPARE VALVE	SPARE VALVE	SPARE VALVE	SPARE VALVE	SPARE VALVE	SPARE VALVE

RACK 2: 0 CNB | 1 IB32 | 2 IB32 | 3 IB32 | 4 IB32 | 5 IB32 | 6 IB32 | 7 IB32 | 8 IB32 | 9 IB32 | 10 IB32 | 11 IB32 | 12 IB32 | 13 IB32 | 14 IB32 | 15 IB32 | 16 IB32

Rev.	Modification	Author	Date
1	REVISED	TIE	02/10/2012
0	ISSUE FOR APPROVAL	TIE	18/05/2012

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RACK 2
SLOT 10

DI210
(028.6A)

ROCKWELL
1756-IB32

CH16	CH17	CH18	CH19	CH20	CH21	CH22	CH23	CH24	CH25	CH26	CH27	CH28	CH29	CH30	CH31
IN-16 19	IN-17 20	IN-18 21	IN-19 22	IN-20 23	IN-21 24	IN-22 25	IN-23 26	IN-24 27	IN-25 28	IN-26 29	IN-27 30	IN-28 31	IN-29 32	IN-30 33	IN-31 34

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DI210A
(103.2B)

21016	21017	21018	21019	21020	21021	21022	21023	21024	21025	21026	21027	21028	21029	21030	21031
0,25mm² WHITE/GREY	0,25mm² GREY/BROWN	0,25mm² WHITE/PINK	0,25mm² PINK/BROWN	0,25mm² WHITE/BLUE	0,25mm² BROWN/BLUE	0,25mm² WHITE/RED	0,25mm² BROWN/RED	0,25mm² WHITE/BLACK	0,25mm² BROWN/BLACK	0,25mm² GREY/GREEN	0,25mm² YELLOW/GREY	0,25mm² PINK/GREEN	0,25mm² YELLOW/PINK	0,25mm² GREEN/BLUE	0,25mm² YELLOW/BLUE
TB-VAL-DI 145-	TB-VAL-DI 146-	TB-VAL-DI 147-	TB-VAL-DI 148-	TB-VAL-DI 149-	TB-VAL-DI 150-	TB-VAL-DI 151-	TB-VAL-DI 152-	TB-VAL-DI 153-	TB-VAL-DI 154-	TB-VAL-DI 155-	TB-VAL-DI 156-	TB-VAL-DI 157-	TB-VAL-DI 158-	TB-VAL-DI 159-	TB-VAL-DI 160-
SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE
TB-VAL-DI 145+ F200mA	TB-VAL-DI 146+ F200mA	TB-VAL-DI 147+ F200mA	TB-VAL-DI 148+ F200mA	TB-VAL-DI 149+ F200mA	TB-VAL-DI 150+ F200mA	TB-VAL-DI 151+ F200mA	TB-VAL-DI 152+ F200mA	TB-VAL-DI 153+ F200mA	TB-VAL-DI 154+ F200mA	TB-VAL-DI 155+ F200mA	TB-VAL-DI 156+ F200mA	TB-VAL-DI 157+ F200mA	TB-VAL-DI 158+ F200mA	TB-VAL-DI 159+ F200mA	TB-VAL-DI 160+ F200mA
24+4.13	24+4.13	24+4.13	24+4.13	24+4.13	24+4.13	24+4.13	24+4.13	24+4.13	24+4.13	24+4.13	24+4.13	24+4.13	24+4.13	24+4.13	24+4.13

(103.10D) / 24+4.13 ▶
(103.10E) / 24-4.13 ▶
24VDC
BROWN 1mm²
1mm² BLUE
24-4.13

SPARE VALVE	SPARE VALVE	SPARE VALVE	SPARE VALVE	SPARE VALVE	SPARE VALVE	SPARE VALVE	SPARE VALVE	SPARE VALVE	SPARE VALVE	SPARE VALVE	SPARE VALVE	SPARE VALVE	SPARE VALVE	SPARE VALVE	SPARE VALVE

RACK 2: 0 CNB | 1 IB32 | 2 IB32 | 3 IB32 | 4 IB32 | 5 IB32 | 6 IB32 | 7 IB32 | 8 IB32 | 9 IB32 | 10 IB32 | 11 IB32 | 12 IB32 | 13 IB32 | 14 IB32 | 15 IB32 | 16 IB32

				SABIZ PLANT 90.CAB.1		DIGITAL INPUT RACK 2, DI210	= +
0	ISSUE FOR APPROVAL	TIE	18/05/2012				
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RACK 2
SLOT 11

DI211
(028.7A)

ROCKWELL
1756-IB32

CH0	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9	CH10	CH11	CH12	CH13	CH14	CH15
IN-0	IN-1	IN-2	IN-3	IN-4	IN-5	IN-6	IN-7	IN-8	IN-9	IN-10	IN-11	IN-12	IN-13	IN-14	IN-15
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

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DI211A
(106.2B)

21100	21101	21102	21103	21104	21105	21106	21107	21108	21109	21110	21111	21112	21113	21114	21115
0,25mm² WHITE	0,25mm² BROWN	0,25mm² GREEN	0,25mm² YELLOW	0,25mm² GREY	0,25mm² PINK	0,25mm² BLUE	0,25mm² RED	0,25mm² BLACK	0,25mm² PURPLE	0,25mm² GREY/PINK	0,25mm² RED/BLUE	0,25mm² WHITE/GREEN	0,25mm² BROWN/GREEN	0,25mm² WHITE/YELLOW	0,25mm² YELLOW/BROWN
TB-VAL-DI 161-	TB-VAL-DI 162-	TB-VAL-DI 163-	TB-VAL-DI 164-	TB-VAL-DI 165-	TB-VAL-DI 166-	TB-VAL-DI 167-	TB-VAL-DI 168-	TB-VAL-DI 169-	TB-VAL-DI 170-	TB-VAL-DI 171-	TB-VAL-DI 172-	TB-VAL-DI 173-	TB-VAL-DI 174-	TB-VAL-DI 175-	TB-VAL-DI 176-
SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE
TB-VAL-DI 161+ F200mA	TB-VAL-DI 162+ F200mA	TB-VAL-DI 163+ F200mA	TB-VAL-DI 164+ F200mA	TB-VAL-DI 165+ F200mA	TB-VAL-DI 166+ F200mA	TB-VAL-DI 167+ F200mA	TB-VAL-DI 168+ F200mA	TB-VAL-DI 169+ F200mA	TB-VAL-DI 170+ F200mA	TB-VAL-DI 171+ F200mA	TB-VAL-DI 172+ F200mA	TB-VAL-DI 173+ F200mA	TB-VAL-DI 174+ F200mA	TB-VAL-DI 175+ F200mA	TB-VAL-DI 176+ F200mA
24+4.14	24+4.14	24+4.14	24+4.14	24+4.14	24+4.14	24+4.14	24+4.14	24+4.14	24+4.14	24+4.14	24+4.14	24+4.14	24+4.14	24+4.14	24+4.14

(016.6E) / 24+4.14 ▶ 24VDC — BROWN 1mm²
(016.8E) / 24-4.14 ▶ 1mm² BLUE

24+4.14 ▶ 24+4.14 / (106.1D)
24-4.14 ▶ 24-4.14 / (106.1E)

SPARE VALVE

RACK 2: 0 CNB | 1 IB32 | 2 IB32 | 3 IB32 | 4 IB32 | 5 IB32 | 6 IB32 | 7 IB32 | 8 IB32 | 9 IB32 | 10 IB32 | 11 IB32 | 12 IB32 | 13 IB32 | 14 IB32 | 15 IB32 | 16 IB32

Rev.	Modification	Author	Date	Replacement	Replaced by
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RACK 2
SLOT 11

DI211
(028.7A)

ROCKWELL
1756-IB32

CH16	CH17	CH18	CH19	CH20	CH21	CH22	CH23	CH24	CH25	CH26	CH27	CH28	CH29	CH30	CH31
IN-16	IN-17	IN-18	IN-19	IN-20	IN-21	IN-22	IN-23	IN-24	IN-25	IN-26	IN-27	IN-28	IN-29	IN-30	IN-31
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34

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DI211A
(105.2B)

	21116	21117	21118	21119	21120	21121	21122	21123	21124	21125	21126	21127	21128	21129	21130	21131
0,25mm²	WHITE/GREY	GREY/BROWN	WHITE/PINK	PINK/BROWN	WHITE/BLUE	BROWN/BLUE	WHITE/RED	BROWN/RED	WHITE/BLACK	BROWN/BLACK	GREY/GREEN	YELLOW/GREY	PINK/GREEN	YELLOW/PINK	GREEN/BLUE	YELLOW/BLUE
TB-VAL-DI	177-	178-	179-	180-	181-	182-	183-	184-	185-	186-	187-	188-	189-	190-	191-	192-
SPARE																
TB-VAL-DI	177+	178+	179+	180+	181+	182+	183+	184+	185+	186+	187+	188+	189+	190+	191+	192+
F200mA																
24+4.14																

(105.10D) / 24+4.14 ▶
(105.10E) / 24-4.14 ▶

24VDC
BROWN
1mm²
1mm²
BLUE

24-4.14

SPARE VALVE

RACK 2: 0 CNB | 1 IB32 | 2 IB32 | 3 IB32 | 4 IB32 | 5 IB32 | 6 IB32 | 7 IB32 | 8 IB32 | 9 IB32 | 10 IB32 | 11 IB32 | 12 IB32 | 13 IB32 | 14 IB32 | 15 IB32 | 16 IB32

Rev.	Modification	Author	Date	Replacement	Replaced by
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RACK 2
SLOT 12

DI212
(028.7A)

ROCKWELL
1756-IB32

CH0	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9	CH10	CH11	CH12	CH13	CH14	CH15
IN-0	IN-1	IN-2	IN-3	IN-4	IN-5	IN-6	IN-7	IN-8	IN-9	IN-10	IN-11	IN-12	IN-13	IN-14	IN-15
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

GND-0 — 18

DI212A
(108.2B)

21200	21201	21202	21203	21204	21205	21206	21207	21208	21209	21210	21211	21212	21213	21214	21215
0,25mm² WHITE	0,25mm² BROWN	0,25mm² GREEN	0,25mm² YELLOW	0,25mm² GREY	0,25mm² PINK	0,25mm² BLUE	0,25mm² RED	0,25mm² BLACK	0,25mm² PURPLE	0,25mm² GREY/PINK	0,25mm² RED/BLUE	0,25mm² WHITE/GREEN	0,25mm² BROWN/GREEN	0,25mm² WHITE/YELLOW	0,25mm² YELLOW/BROWN
TB-AL 1-	TB-AL 2-	TB-AL 3-	TB-AL 4-	TB-AL 5-	TB-AL 6-	TB-AL 7-	TB-AL 8-	TB-AL 9-	TB-AL 10-	TB-AL 11-	TB-AL 12-	TB-AL 13-	TB-AL 14-	TB-AL 15-	TB-AL 16-
PIC 1101	PIC 1201	PIC 1301	PIC 2101	LSH 62.1	LSL 62.1	LSH 62.2	LSL 62.2	LSH 62.3	LSL 62.3	LSH 62.4	LSL 62.4	LSH 62.5	LSL 62.5	LSH 62.7	LSL 62.7
TB-AL 1+ F200mA	TB-AL 2+ F200mA	TB-AL 3+ F200mA	TB-AL 4+ F200mA	TB-AL 5+ F200mA	TB-AL 6+ F200mA	TB-AL 7+ F200mA	TB-AL 8+ F200mA	TB-AL 9+ F200mA	TB-AL 10+ F200mA	TB-AL 11+ F200mA	TB-AL 12+ F200mA	TB-AL 13+ F200mA	TB-AL 14+ F200mA	TB-AL 15+ F200mA	TB-AL 16+ F200mA
24+4.15	24+4.15	24+4.15	24+4.15	24+4.15	24+4.15	24+4.15	24+4.15	24+4.15	24+4.15	24+4.15	24+4.15	24+4.15	24+4.15	24+4.15	24+4.15

(016.7E) / 24+4.15 ▶ 24VDC BROWN 1mm² — 24+4.15 ▶ 24+4.15 / (108.1D)
(016.9E) / 24-4.15 ▶ 1mm² BLUE — 24-4.15 ▶ 24-4.15 / (108.1E)

ALLARM (FROM PNEUMATIC TRANSPORT CUSTOMER PANEL)	ALLARM (FROM PNEUMATIC TRANSPORT CUSTOMER PANEL)	ALLARM (FROM PNEUMATIC TRANSPORT CUSTOMER PANEL)	ALLARM (FROM PNEUMATIC TRANSPORT CUSTOMER PANEL)	HIGH LEVEL IN 62V1	LOW LEVEL IN 62V1	HIGH LEVEL IN 62V2	LOW LEVEL IN 62V2	HIGH LEVEL IN 62V3	LOW LEVEL IN 62V3	HIGH LEVEL IN 62V4	LOW LEVEL IN 62V4	HIGH LEVEL IN 62V5	LOW LEVEL IN 62V5	HIGH LEVEL IN 62V7	LOW LEVEL IN 62V7

RACK 2: 0 CNB | 1 IB32 | 2 IB32 | 3 IB32 | 4 IB32 | 5 IB32 | 6 IB32 | 7 IB32 | 8 IB32 | 9 IB32 | 10 IB32 | 11 IB32 | 12 IB32 | 13 IB32 | 14 IB32 | 15 IB32 | 16 IB32

				SABIZ PLANT 90.CAB.1		DIGITAL INPUT RACK 2, DI212	= +
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RACK 2
SLOT 12

DI212
(028.7A)

ROCKWELL
1756-IB32

CH16	CH17	CH18	CH19	CH20	CH21	CH22	CH23	CH24	CH25	CH26	CH27	CH28	CH29	CH30	CH31
IN-16	IN-17	IN-18	IN-19	IN-20	IN-21	IN-22	IN-23	IN-24	IN-25	IN-26	IN-27	IN-28	IN-29	IN-30	IN-31
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34

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DI212A
(107.2B)

	21216	21217	21218	21219	21220	21221	21222	21223	21224	21225	21226	21227	21228	21229	21230	21231
0,25mm²	WHITE/GREY	GREY/BROWN	WHITE/PINK	PINK/BROWN	WHITE/BLUE	BROWN/BLUE	WHITE/RED	BROWN/RED	WHITE/BLACK	BROWN/BLACK	GREY/GREEN	YELLOW/GREY	PINK/GREEN	YELLOW/PINK	GREEN/BLUE	YELLOW/BLUE
TB-AL	17-	18-	19-	20-	21-	22-	23-	24-	25-	26-	27-	28-	29-	30-	31-	32-
	LSH 62.8	LSL 62.8	LSH 63.1	LSL 63.1	LSH 63.6	LSL 63.6	PISH 63.2A	PISH 63.2B	PISH 63.3	PISL 63.3C	PSL 63.3D	PISH 63.8A	PISL 63.8A	PISH 63.8B	PISL 63.8B	LSH 64.1
TB-AL	17+	18+	19+	20+	21+	22+	23+	24+	25+	26+	27+	28+	29+	30+	31+	32+
F200mA																
24+4.15																

BROWN
1mm²

(107.10D) / 24+4.15 ► 24VDC

(107.10E) / 24-4.15 ► 1mm²
BLUE

24-4.15

HIGH LEVEL IN 62A2
LOW LEVEL IN 62A2
HIGH LEVEL IN 63V1
LOW LEVEL IN 63V1
HIGH LEVEL IN COLLECTING VESSEL
LOW LEVEL IN COLLECTING VESSEL
HIGH PRESSURE DELIVERY 63P2A
HIGH PRESSURE DELIVERY 63P2B
HIGH PRESSURE ON 63AB1
LOW PRESSURE 63P3A
LOW PRESSURE 63P3B
HIGH PRESSURE 63P4A
LOW PRESSURE 63P4A
HIGH PRESSURE 63P4B
LOW PRESSURE 63P4B
HIGH LEVEL IN 64V1

RACK 2

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
CNB	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32

				SABIZ PLANT 90.CAB.1		DIGITAL INPUT RACK 2, DI212	=
0	ISSUE FOR APPROVAL	TIE	18/05/2012				+
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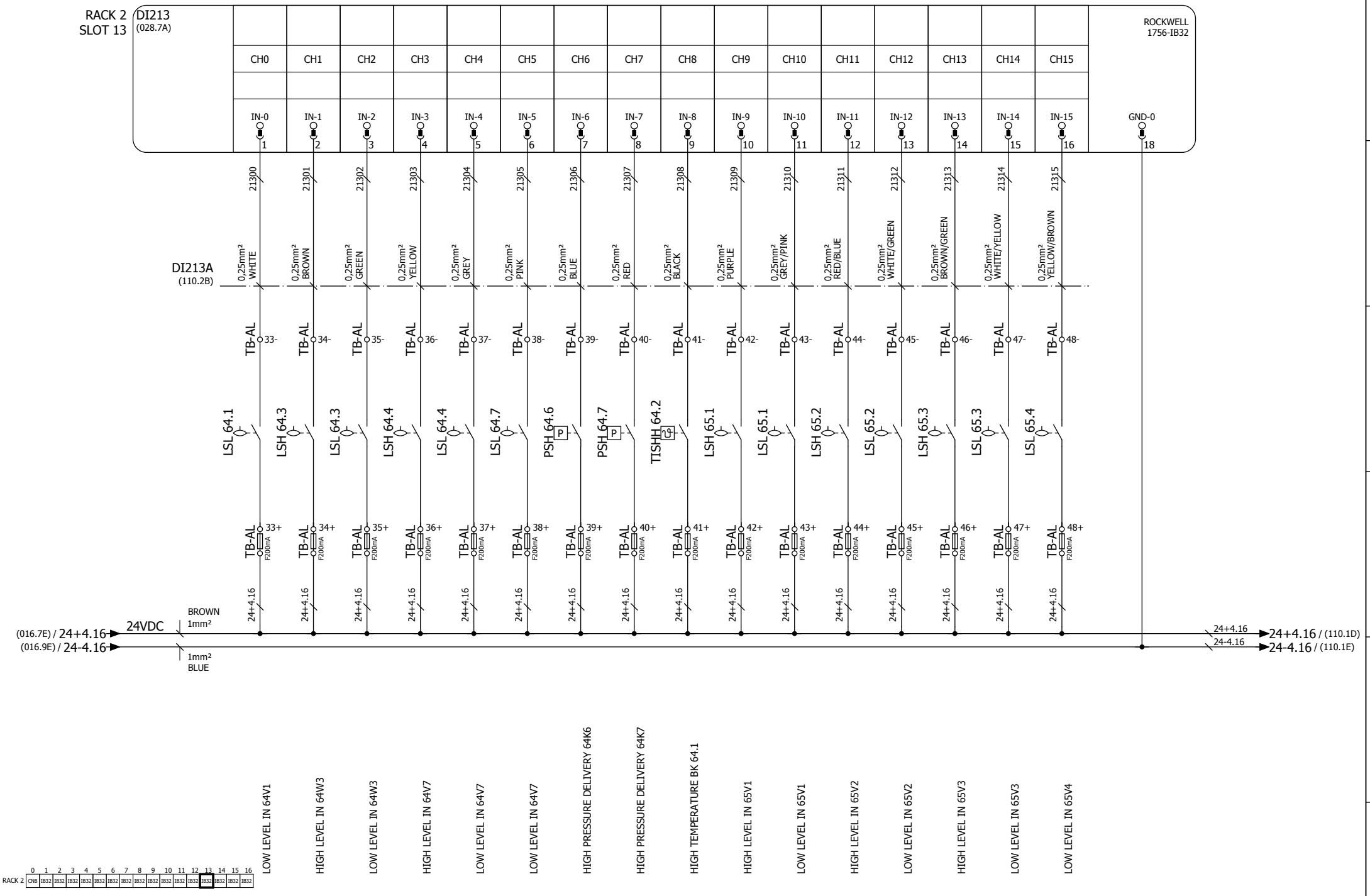

				SABIZ PLANT 90.CAB.1		DIGITAL INPUT RACK 2, DI213	=
							+
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RACK 2
SLOT 13

DI213
(028.7A)

ROCKWELL
1756-IB32

CH16	CH17	CH18	CH19	CH20	CH21	CH22	CH23	CH24	CH25	CH26	CH27	CH28	CH29	CH30	CH31
IN-16 19	IN-17 20	IN-18 21	IN-19 22	IN-20 23	IN-21 24	IN-22 25	IN-23 26	IN-24 27	IN-25 28	IN-26 29	IN-27 30	IN-28 31	IN-29 32	IN-30 33	IN-31 34

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DI213A
(109.2B)

21316	21317	21318	21319	21320	21321	21322	21323	21324	21325	21326	21327	21328	21329	21330	21331
0,25mm² WHITE/GREY	0,25mm² GREY/BROWN	0,25mm² WHITE/PINK	0,25mm² PINK/BROWN	0,25mm² WHITE/BLUE	0,25mm² BROWN/BLUE	0,25mm² WHITE/RED	0,25mm² BROWN/RED	0,25mm² WHITE/BLACK	0,25mm² BROWN/BLACK	0,25mm² GREY/GREEN	0,25mm² YELLOW/GREY	0,25mm² PINK/GREEN	0,25mm² YELLOW/PINK	0,25mm² GREEN/BLUE	0,25mm² YELLOW/BLUE
TB-AL 49-	TB-AL 50-	TB-AL 51-	TB-AL 52-	TB-AL 53-	TB-AL 54-	TB-AL 55-	TB-AL 56-	TB-AL 57-	TB-AL 58-	TB-AL 59-	TB-AL 60-	TB-AL 61-	TB-AL 62-	TB-AL 63-	TB-AL 64-
LSH 65.7	LSL 65.7	LSH 65.11A	LSL 65.11A	LSH 65.11B	LSL 65.11B	LSH 65.11C	LSL 65.11C	LSH 65.11D	LSL 65.11D	LSH 65.11E	LSL 65.11E	LSH 65.11F	LSL 65.11F	LSH 65.11G	LSL 65.11G
TB-AL 49+ F200mA	TB-AL 50+ F200mA	TB-AL 51+ F200mA	TB-AL 52+ F200mA	TB-AL 53+ F200mA	TB-AL 54+ F200mA	TB-AL 55+ F200mA	TB-AL 56+ F200mA	TB-AL 57+ F200mA	TB-AL 58+ F200mA	TB-AL 59+ F200mA	TB-AL 60+ F200mA	TB-AL 61+ F200mA	TB-AL 62+ F200mA	TB-AL 63+ F200mA	TB-AL 64+ F200mA
24+4.16	24+4.16	24+4.16	24+4.16	24+4.16	24+4.16	24+4.16	24+4.16	24+4.16	24+4.16	24+4.16	24+4.16	24+4.16	24+4.16	24+4.16	24+4.16

(109.10D) / 24+4.16 ▶ 24VDC BROWN 1mm²
(109.10E) / 24-4.16 ▶ 1mm² BLUE

24-4.16

HIGH LEVEL IN 65V8
LOW LEVEL IN 65V8
HIGH LEVEL IN 65V11/A
LOW LEVEL IN 65V11/A
HIGH LEVEL IN 65V11/B
LOW LEVEL IN 65V11/B
HIGH LEVEL IN 65V11/C
LOW LEVEL IN 65V11/C
HIGH LEVEL IN 65V11/D
LOW LEVEL IN 65V11/D
HIGH LEVEL IN 65V11/E
LOW LEVEL IN 65V11/E
HIGH LEVEL IN 65V11/F
LOW LEVEL IN 65V11/F
HIGH LEVEL IN 65V11/G
LOW LEVEL IN 65V11/G

RACK 2: 0 CNB | 1 IB32 | 2 IB32 | 3 IB32 | 4 IB32 | 5 IB32 | 6 IB32 | 7 IB32 | 8 IB32 | 9 IB32 | 10 IB32 | 11 IB32 | 12 IB32 | 13 IB32 | 14 IB32 | 15 IB32 | 16 IB32

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0	ISSUE FOR APPROVAL	TIE	18/05/2012		

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111 n.sh

RACK 2
SLOT 14

DI214
(028.7A)

ROCKWELL
1756-IB32

CH0	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9	CH10	CH11	CH12	CH13	CH14	CH15
IN-0	IN-1	IN-2	IN-3	IN-4	IN-5	IN-6	IN-7	IN-8	IN-9	IN-10	IN-11	IN-12	IN-13	IN-14	IN-15
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

GND-0 — 18

DI214A
(112.2B)

21400	21401	21402	21403	21404	21405	21406	21407	21408	21409	21410	21411	21412	21413	21414	21415
0,25mm² WHITE	0,25mm² BROWN	0,25mm² GREEN	0,25mm² YELLOW	0,25mm² GREY	0,25mm² PINK	0,25mm² BLUE	0,25mm² RED	0,25mm² BLACK	0,25mm² PURPLE	0,25mm² GREY/PINK	0,25mm² RED/BLUE	0,25mm² WHITE/GREEN	0,25mm² BROWN/GREEN	0,25mm² WHITE/YELLOW	0,25mm² YELLOW/BROWN
TB-AL 65-	TB-AL 66-	TB-AL 67-	TB-AL 68-	TB-AL 69-	TB-AL 70-	TB-AL 71-	TB-AL 72-	TB-AL 73-	TB-AL 74-	TB-AL 75-	TB-AL 76-	TB-AL 77-	TB-AL 78-	TB-AL 79-	TB-AL 80-
LSH 65.11H	LSL 65.11H	LSH 65.11I	LSL 65.11I	LSH 65.11L	LSL 65.11L	LSH 65.11M	LSL 65.11M	LSH 65.11N	LSL 65.11N	LSH 65.11O	LSL 65.11O	LSH 65.11P	LSL 65.11P	LSH 65.11Q	LSL 65.11Q
TB-AL 65+	TB-AL 66+	TB-AL 67+	TB-AL 68+	TB-AL 69+	TB-AL 70+	TB-AL 71+	TB-AL 72+	TB-AL 73+	TB-AL 74+	TB-AL 75+	TB-AL 76+	TB-AL 77+	TB-AL 78+	TB-AL 79+	TB-AL 80+
F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA
24+4.17	24+4.17	24+4.17	24+4.17	24+4.17	24+4.17	24+4.17	24+4.17	24+4.17	24+4.17	24+4.17	24+4.17	24+4.17	24+4.17	24+4.17	24+4.17

(016.7E) / 24+4.17 → 24VDC — BROWN 1mm²
(016.9E) / 24-4.17 → 1mm² BLUE

24+4.17 → 24+4.17 / (112.1D)
24-4.17 → 24-4.17 / (112.1E)

HIGH LEVEL IN 65V11/H
LOW LEVEL IN 65V11/H
HIGH LEVEL IN 65V11/I
LOW LEVEL IN 65V11/I
HIGH LEVEL IN 65V11/L
LOW LEVEL IN 65V11/L
HIGH LEVEL IN 65V11/M
LOW LEVEL IN 65V11/M
HIGH LEVEL IN 65V11/N
LOW LEVEL IN 65V11/N
HIGH LEVEL IN 65V11/O
LOW LEVEL IN 65V11/O
HIGH LEVEL IN 65V11/P
LOW LEVEL IN 65V11/P
HIGH LEVEL IN 65V11/Q
LOW LEVEL IN 65V11/Q

RACK 2

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
CNB	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32	IB32

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112 n.sh

RACK 2
SLOT 14

DI214
(028.7A)

ROCKWELL
1756-IB32

CH16	CH17	CH18	CH19	CH20	CH21	CH22	CH23	CH24	CH25	CH26	CH27	CH28	CH29	CH30	CH31
IN-16	IN-17	IN-18	IN-19	IN-20	IN-21	IN-22	IN-23	IN-24	IN-25	IN-26	IN-27	IN-28	IN-29	IN-30	IN-31
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34

GND-1 — 36

DI214A
(111.2B)

	0,25mm² WHITE/GREY	0,25mm² GREY/BROWN	0,25mm² WHITE/PINK	0,25mm² PINK/BROWN	0,25mm² WHITE/BLUE	0,25mm² BROWN/BLUE	0,25mm² WHITE/RED	0,25mm² BROWN/RED	0,25mm² WHITE/BLACK	0,25mm² BROWN/BLACK	0,25mm² GREY/GREEN	0,25mm² YELLOW/GREY	0,25mm² PINK/GREEN	0,25mm² YELLOW/PINK	0,25mm² GREEN/BLUE	0,25mm² YELLOW/BLUE
	21416	21417	21418	21419	21420	21421	21422	21423	21424	21425	21426	21427	21428	21429	21430	21431
TB-AL	81-	82-	83-	84-	85-	86-	87-	88-	89-	90-	91-	92-	93-	94-	95-	96-
	LSH 65.11R	LSL 65.11R	LSH 65.12A	LSL 65.12A	LSH 65.12B	LSL 65.12B	LSH 65.12C	LSL 65.12C	LSH 65.12D	LSL 65.12D	LSH 65.12E	LSL 65.12E	LSH 65.12F	LSL 65.12F	LSH 65.12G	LSL 65.12G
TB-AL	81+	82+	83+	84+	85+	86+	87+	88+	89+	90+	91+	92+	93+	94+	95+	96+
	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA
	24+4.17	24+4.17	24+4.17	24+4.17	24+4.17	24+4.17	24+4.17	24+4.17	24+4.17	24+4.17	24+4.17	24+4.17	24+4.17	24+4.17	24+4.17	24+4.17

(111.10D) / 24+4.17 → 24VDC — BROWN 1mm²
(111.10E) / 24-4.17 → 1mm² BLUE

24-4.17

HIGH LEVEL IN 65V11/R
LOW LEVEL IN 65V11/R
HIGH LEVEL IN 65V12/A
LOW LEVEL IN 65V12/A
HIGH LEVEL IN 65V12/B
LOW LEVEL IN 65V12/B
HIGH LEVEL IN 65V12/C
LOW LEVEL IN 65V12/C
HIGH LEVEL IN 65V12/D
LOW LEVEL IN 65V12/D
HIGH LEVEL IN 65V12/E
LOW LEVEL IN 65V12/E
HIGH LEVEL IN 65V12/F
LOW LEVEL IN 65V12/F
HIGH LEVEL IN 65V12/G
LOW LEVEL IN 65V12/G

RACK 2: 0 CNB | 1 IB32 | 2 IB32 | 3 IB32 | 4 IB32 | 5 IB32 | 6 IB32 | 7 IB32 | 8 IB32 | 9 IB32 | 10 IB32 | 11 IB32 | 12 IB32 | 13 IB32 | 14 IB32 | 15 IB32 | 16 IB32

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113 n.sh

RACK 2
SLOT 15

DI215
(028.8A)

ROCKWELL
1756-IB32

CH0	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9	CH10	CH11	CH12	CH13	CH14	CH15
IN-0	IN-1	IN-2	IN-3	IN-4	IN-5	IN-6	IN-7	IN-8	IN-9	IN-10	IN-11	IN-12	IN-13	IN-14	IN-15
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

GND-0 — 18

DI215A
(114.2B)

21500	21501	21502	21503	21504	21505	21506	21507	21508	21509	21510	21511	21512	21513	21514	21515
0,25mm² WHITE	0,25mm² BROWN	0,25mm² GREEN	0,25mm² YELLOW	0,25mm² GREY	0,25mm² PINK	0,25mm² BLUE	0,25mm² RED	0,25mm² BLACK	0,25mm² PURPLE	0,25mm² GREY/PINK	0,25mm² RED/BLUE	0,25mm² WHITE/GREEN	0,25mm² BROWN/GREEN	0,25mm² WHITE/YELLOW	0,25mm² YELLOW/BROWN
TB-AL 97-	TB-AL 98-	TB-AL 99-	TB-AL 100-	TB-AL 101-	TB-AL 102-	TB-AL 103-	TB-AL 104-	TB-AL 105-	TB-AL 106-	TB-AL 107-	TB-AL 108-	TB-AL 109-	TB-AL 110-	TB-AL 111-	TB-AL 112-
LSH 65.12H	LSL 65.12H	LSH 65.12I	LSL 65.12I	LSH 65.12L	LSL 65.12L	LSH 65.12M	LSL 65.12M	LSH 65.12N	LSL 65.12N	LSH 65.12O	LSL 65.12O	LSH 65.12P	LSL 65.12P	LSH 65.12Q	LSL 65.12Q
TB-AL 97+ F200mA	TB-AL 98+ F200mA	TB-AL 99+ F200mA	TB-AL 100+ F200mA	TB-AL 101+ F200mA	TB-AL 102+ F200mA	TB-AL 103+ F200mA	TB-AL 104+ F200mA	TB-AL 105+ F200mA	TB-AL 106+ F200mA	TB-AL 107+ F200mA	TB-AL 108+ F200mA	TB-AL 109+ F200mA	TB-AL 110+ F200mA	TB-AL 111+ F200mA	TB-AL 112+ F200mA
24+4.18	24+4.18	24+4.18	24+4.18	24+4.18	24+4.18	24+4.18	24+4.18	24+4.18	24+4.18	24+4.18	24+4.18	24+4.18	24+4.18	24+4.18	24+4.18

(016.7E) / 24+4.18 ▶ 24VDC — BROWN 1mm²
(016.9E) / 24-4.18 ▶ 1mm² BLUE

24+4.18
24-4.18
▶ 24+4.18 / (114.1D)
▶ 24-4.18 / (114.1E)

HIGH LEVEL IN 65V12/H
LOW LEVEL IN 65V12/H
HIGH LEVEL IN 65V12/I
LOW LEVEL IN 65V12/I
HIGH LEVEL IN 65V12/L
LOW LEVEL IN 65V12/L
HIGH LEVEL IN 65V12/M
LOW LEVEL IN 65V12/M
HIGH LEVEL IN 65V12/N
LOW LEVEL IN 65V12/N
HIGH LEVEL IN 65V12/O
LOW LEVEL IN 65V12/O
HIGH LEVEL IN 65V12/P
LOW LEVEL IN 65V12/P
HIGH LEVEL IN 65V12/Q
LOW LEVEL IN 65V12/Q

RACK 2: 0 CNB | 1 IB32 | 2 IB32 | 3 IB32 | 4 IB32 | 5 IB32 | 6 IB32 | 7 IB32 | 8 IB32 | 9 IB32 | 10 IB32 | 11 IB32 | 12 IB32 | 13 IB32 | 14 IB32 | 15 IB32 | 16 IB32

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0	ISSUE FOR APPROVAL	TIE	18/05/2012		

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114 n.sh

RACK 2
SLOT 15

DI215
(028.8A)

ROCKWELL
1756-IB32

CH16	CH17	CH18	CH19	CH20	CH21	CH22	CH23	CH24	CH25	CH26	CH27	CH28	CH29	CH30	CH31
IN-16	IN-17	IN-18	IN-19	IN-20	IN-21	IN-22	IN-23	IN-24	IN-25	IN-26	IN-27	IN-28	IN-29	IN-30	IN-31
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34

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DI215A
(113.2B)

	0,25mm² WHITE/GREY	0,25mm² GREY/BROWN	0,25mm² WHITE/PINK	0,25mm² PINK/BROWN	0,25mm² WHITE/BLUE	0,25mm² BROWN/BLUE	0,25mm² WHITE/RED	0,25mm² BROWN/RED	0,25mm² WHITE/BLACK	0,25mm² BROWN/BLACK	0,25mm² GREY/GREEN	0,25mm² YELLOW/GREY	0,25mm² PINK/GREEN	0,25mm² YELLOW/PINK	0,25mm² GREEN/BLUE	0,25mm² YELLOW/BLUE
	21516	21517	21518	21519	21520	21521	21522	21523	21524	21525	21526	21527	21528	21529	21530	21531
TB-AL	113-	114-	115-	116-	117-	118-	119-	120-	121-	122-	123-	124-	125-	126-	127-	128-
	LSH 65.12R	LSL 65.12R	LSH 65.13	LSL 65.13	LSH 65.14	LSL 65.14	LSH 65.9	LSL 65.9	LSH 65.10	LSL 65.10	PSL 65.1 P	PSL 65.2 P	PISH 65.1 P	PISH 65.2 P	LSH 65.8	LSL 65.8
TB-AL	113+	114+	115+	116+	117+	118+	119+	120+	121+	122+	123+	124+	125+	126+	127+	128+
	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA	F200mA
	24+4.18	24+4.18	24+4.18	24+4.18	24+4.18	24+4.18	24+4.18	24+4.18	24+4.18	24+4.18	24+4.18	24+4.18	24+4.18	24+4.18	24+4.18	24+4.18

(113.10D) / 24+4.18 ▶ 24VDC BROWN 1mm²
(113.10E) / 24-4.18 ▶ 1mm² BLUE

24-4.18

HIGH LEVEL IN 65V12/R
LOW LEVEL IN 65V12/R
HIGH LEVEL IN 65V13
LOW LEVEL IN 65V13
HIGH LEVEL IN 65V14
LOW LEVEL IN 65V14
HIGH LEVEL IN 65V9
LOW LEVEL IN 65V9
HIGH LEVEL IN 65V10
LOW LEVEL IN 65V10
LOW PRESSURE INLET 65E1
LOW PRESSURE INLET 65MX1
HIGH PRESSURE DISCHARGE 65P1
HIGH PRESSURE DISCHARGE 65P1
HIGH LEVEL IN 65V8
LOW LEVEL IN 65V8

RACK 2: 0 CNB | 1 IB32 | 2 IB32 | 3 IB32 | 4 IB32 | 5 IB32 | 6 IB32 | 7 IB32 | 8 IB32 | 9 IB32 | 10 IB32 | 11 IB32 | 12 IB32 | 13 IB32 | 14 IB32 | 15 IB32 | 16 IB32

Rev.	Modification	Author	Date
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115 n.sh

RACK 2
SLOT 16

DI216
(028.8A)

ROCKWELL
1756-IB32

CH0	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9	CH10	CH11	CH12	CH13	CH14	CH15
IN-0	IN-1	IN-2	IN-3	IN-4	IN-5	IN-6	IN-7	IN-8	IN-9	IN-10	IN-11	IN-12	IN-13	IN-14	IN-15
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

GND-0 — 18

DI216A
(116.2B)

21600	21601	21602	21603	21604	21605	21606	21607	21608	21609	21610	21611	21612	21613	21614	21615
0,25mm² WHITE	0,25mm² BROWN	0,25mm² GREEN	0,25mm² YELLOW	0,25mm² GREY	0,25mm² PINK	0,25mm² BLUE	0,25mm² RED	0,25mm² BLACK	0,25mm² PURPLE	0,25mm² GREY/PINK	0,25mm² RED/BLUE	0,25mm² WHITE/GREEN	0,25mm² BROWN/GREEN	0,25mm² WHITE/YELLOW	0,25mm² YELLOW/BROWN
TB-AL 129-	TB-AL 130-	TB-AL 131-	TB-AL 132-	TB-AL 133-	TB-AL 134-	TB-AL 135-	TB-AL 136-	TB-AL 137-	TB-AL 138-	TB-AL 139-	TB-AL 140-	TB-AL 141-	TB-AL 142-	TB-AL 143-	TB-AL 144-
LSH 65.88	LSL 65.88	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE
TB-AL 129+ F200mA	TB-AL 130+ F200mA	TB-AL 131+ F200mA	TB-AL 132+ F200mA	TB-AL 133+ F200mA	TB-AL 134+ F200mA	TB-AL 135+ F200mA	TB-AL 136+ F200mA	TB-AL 137+ F200mA	TB-AL 138+ F200mA	TB-AL 139+ F200mA	TB-AL 140+ F200mA	TB-AL 141+ F200mA	TB-AL 142+ F200mA	TB-AL 143+ F200mA	TB-AL 144+ F200mA
24+4.19	24+4.19	24+4.19	24+4.19	24+4.19	24+4.19	24+4.19	24+4.19	24+4.19	24+4.19	24+4.19	24+4.19	24+4.19	24+4.19	24+4.19	24+4.19

(016.7E) / 24+4.19 ▶ 24VDC — BROWN 1mm²
(016.9E) / 24-4.19 ▶ 1mm² BLUE

24+4.19 ▶ 24+4.19 / (116.1D)
24-4.19 ▶ 24-4.19 / (116.1E)

HIGH LEVEL IN 65V8
LOW LEVEL IN 65V8
SPARE ×14

RACK 2: 0 CNB | 1 IB32 | 2 IB32 | 3 IB32 | 4 IB32 | 5 IB32 | 6 IB32 | 7 IB32 | 8 IB32 | 9 IB32 | 10 IB32 | 11 IB32 | 12 IB32 | 13 IB32 | 14 IB32 | 15 IB32 | 16 IB32

Rev.	Modification	Author	Date
1	REVISED	TIE	02/10/2012
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RACK 2
SLOT 16

DI216
(028.8A)

ROCKWELL
1756-IB32

CH16	CH17	CH18	CH19	CH20	CH21	CH22	CH23	CH24	CH25	CH26	CH27	CH28	CH29	CH30	CH31
IN-16	IN-17	IN-18	IN-19	IN-20	IN-21	IN-22	IN-23	IN-24	IN-25	IN-26	IN-27	IN-28	IN-29	IN-30	IN-31
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34

GND-1 — 36

DI216A
(115.2B)

21616	21617	21618	21619	21620	21621	21622	21623	21624	21625	21626	21627	21628	21629	21630	21631
0,25mm² WHITE/GREY	0,25mm² GREY/BROWN	0,25mm² WHITE/PINK	0,25mm² PINK/BROWN	0,25mm² WHITE/BLUE	0,25mm² BROWN/BLUE	0,25mm² WHITE/RED	0,25mm² BROWN/RED	0,25mm² WHITE/BLACK	0,25mm² BROWN/BLACK	0,25mm² GREY/GREEN	0,25mm² YELLOW/GREY	0,25mm² PINK/GREEN	0,25mm² YELLOW/PINK	0,25mm² GREEN/BLUE	0,25mm² YELLOW/BLUE
TB-AL 145-	TB2 1	TB2 2	TB2 3	TB2 4	TB2 5	TB2 6	TB2 7	TB2 8	TB2 9	TB2 10	TB2 11	TB2 12	TB2 13	TB2 14	TB2 15
SPARE	CB1 (012.2A) 13 14	RL1 (012.8D) 12 14 11	RL2 (012.8D) 12 14 11	RL3 (015.4C) 12 14 11	RL4 (023.3B) 12 14 11	RL5 (023.5B) 12 14 11	RL6 (023.7B) 12 14 11	RL7 (023.9B) 12 14 11	RL8 (024.3B) 12 14 11	RL9 (024.5B) 12 14 11	RL10 (024.7B) 12 14 11	RL11 (024.9B) 12 14 11	RL12 (025.3B) 12 14 11	RL13 (025.5B) 12 14 11	SP1 3 4
TB-AL 145+ F200mA	24+4.19	24+4.19	24+4.19	24+4.19	24+4.19	24+4.19	24+4.19	24+4.19	24+4.19	24+4.19	24+4.19	24+4.19	24+4.19	24+4.19	24+4.19	24+4.19

(115.10D) / 24+4.19 — 24VDC — BROWN 1mm²
(115.10E) / 24-4.19 — 1mm² BLUE
24-4.19

SPARE	FAULT AIR RICYCLE FANS	TR1 HIGH TEMPERATURE ALARM	TR2 LOW TEMPERATURE ALARM	PS1 POWER SUPPLY	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SPARE	SP1 SHUTOFF HORN

RACK 2: 0 CNB | 1 IB32 | 2 IB32 | 3 IB32 | 4 IB32 | 5 IB32 | 6 IB32 | 7 IB32 | 8 IB32 | 9 IB32 | 10 IB32 | 11 IB32 | 12 IB32 | 13 IB32 | 14 IB32 | 15 IB32 | 16 IB32

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SABIZ PLANT
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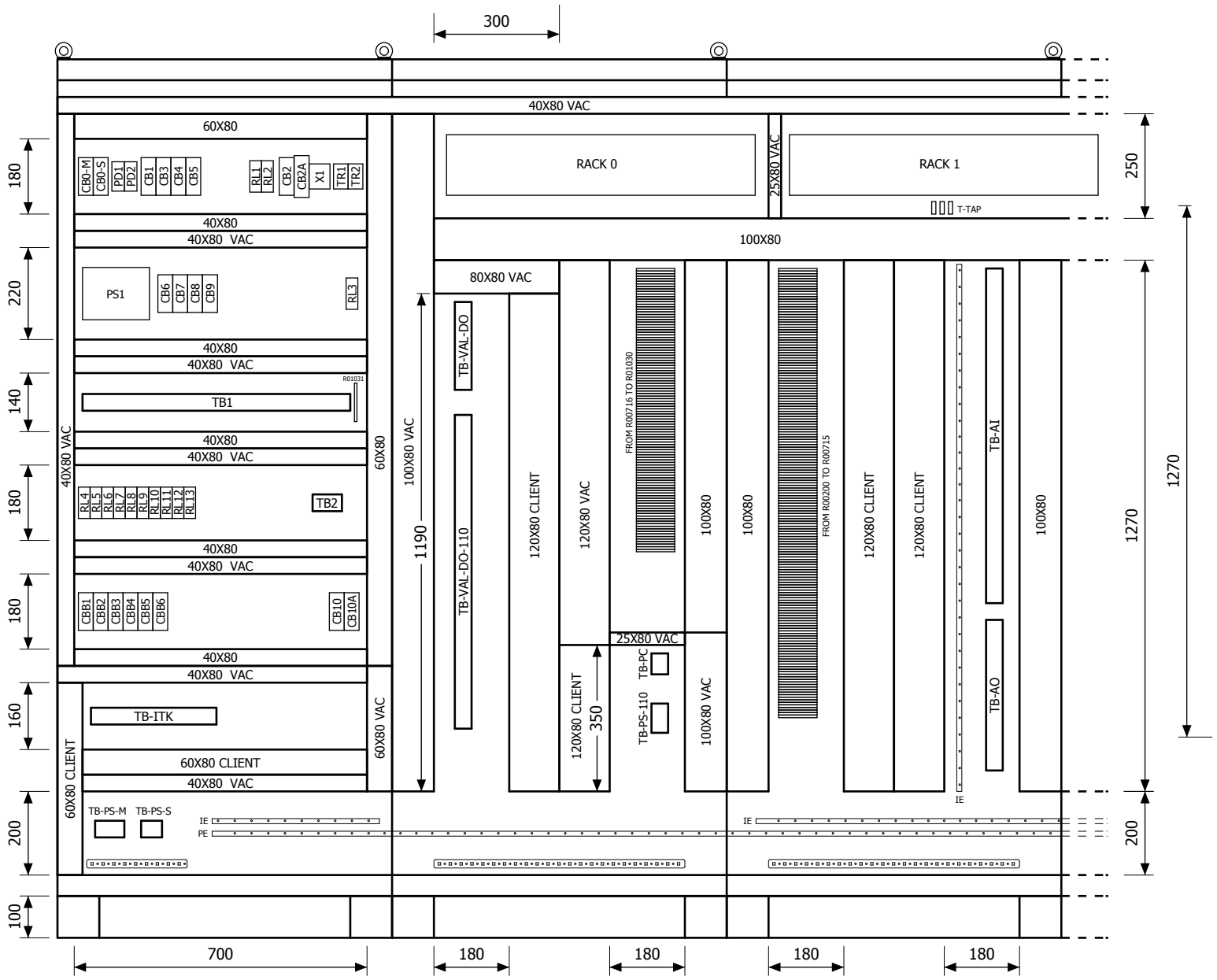
FRONT VIEW

CABINET DIMENSION:(2000+100)x4000x600 (HxWxD)

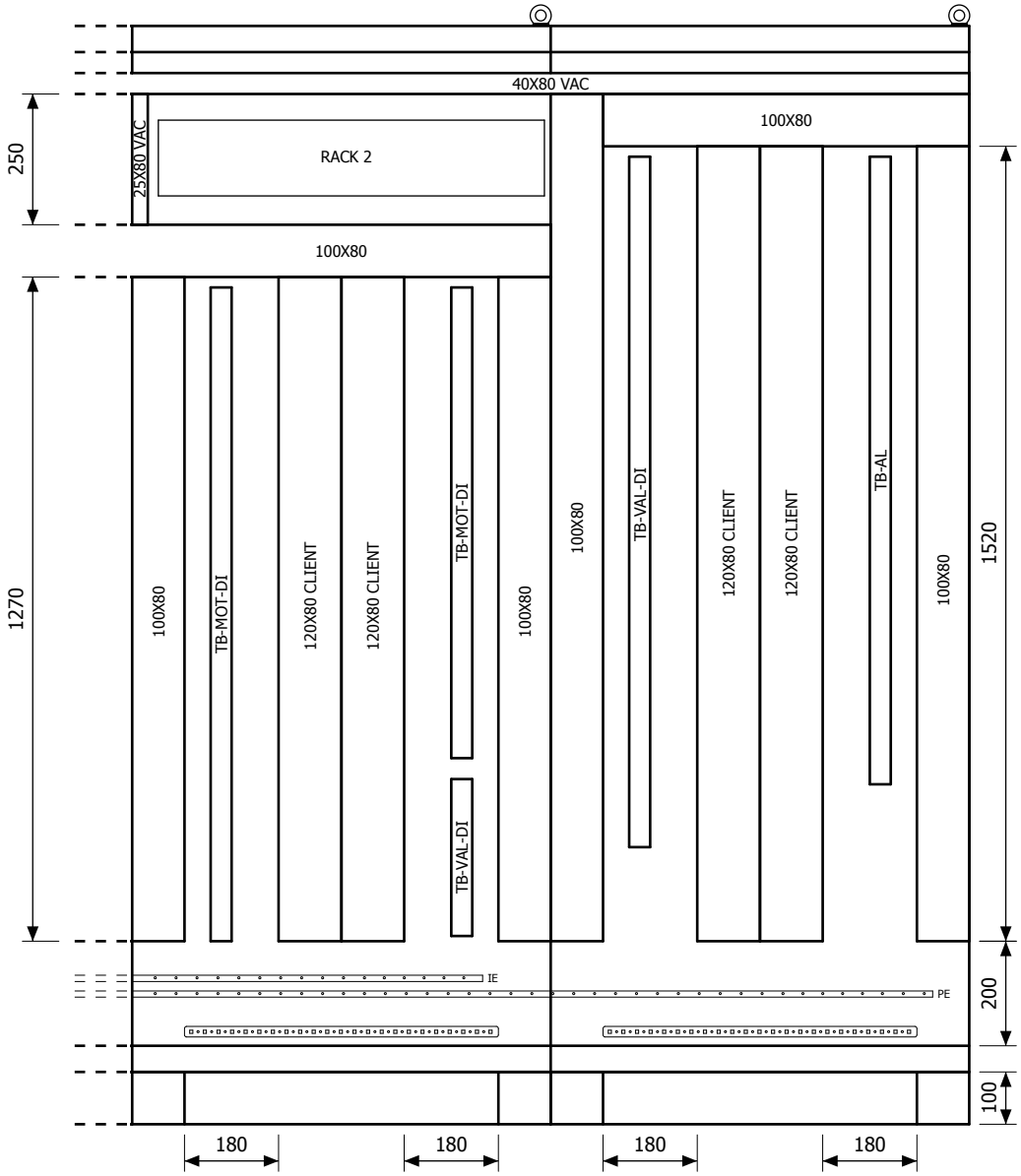


DIMENSIONS IN mm

				SABIZ PLANT 90.CAB.1	desmet ballestra	LAYOUT INTERNAL PLATE VIEW	=	
							+	
0	ISSUE FOR APPROVAL	TIE	18/05/2012				JOB 2F11	DWG. 2F11-85-001	Sheet 117
Rev.	Modification	Author	Date	Replacement	Replaced by	Page title			118 n.sh

FRONT VIEW

CABINET DIMENSION:(2000+100)x4000x600 (HxWxD)



DIMENSIONS IN mm

				SABIZ PLANT 90.CAB.1			LAYOUT INTERNAL PLATE VIEW	= +
0	ISSUE FOR APPROVAL	TIE	18/05/2012			desmet ballestra		JOB 2F11 / DWG. 2F11-85-001 / Sheet 118
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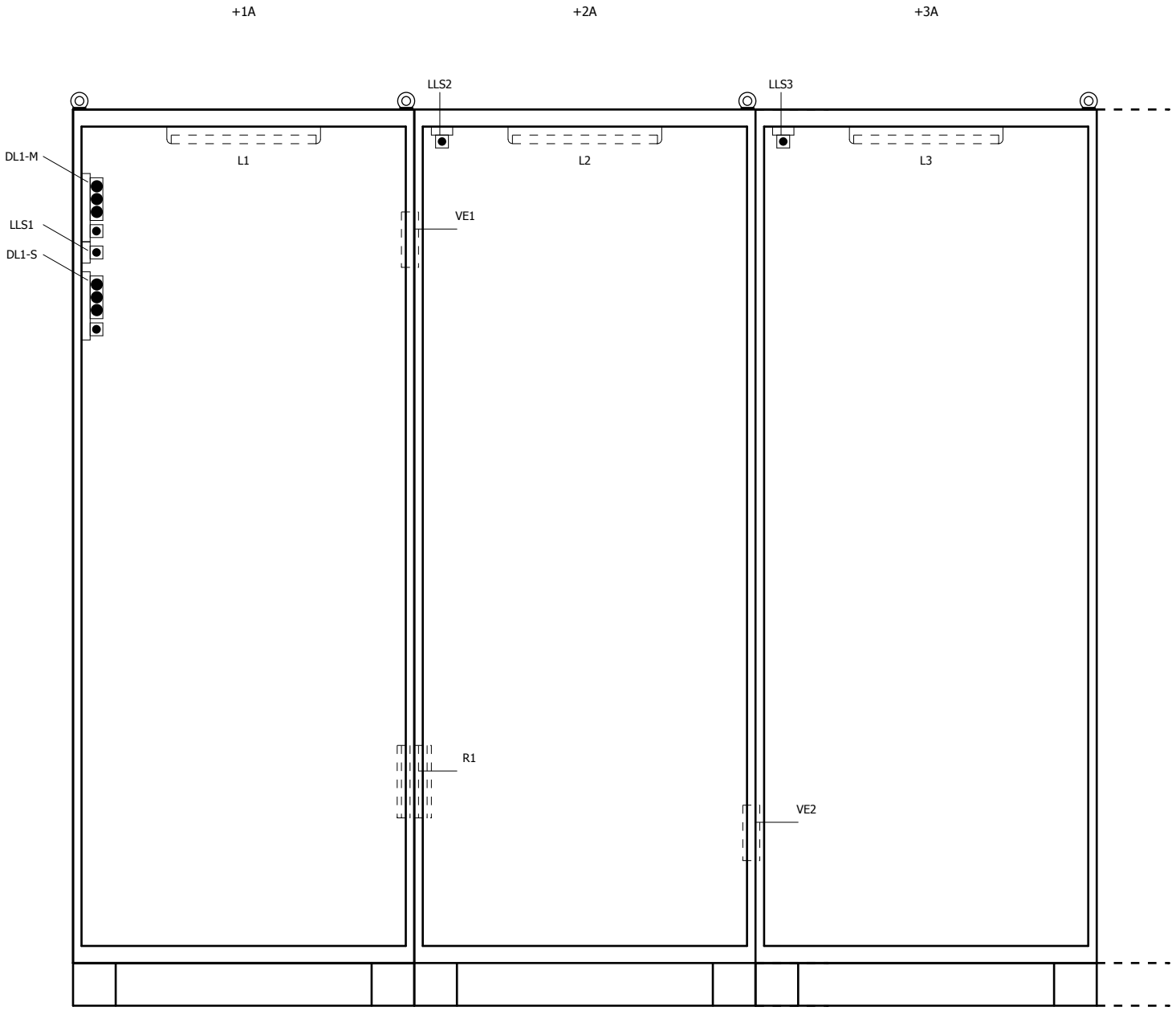
CABINET DIMENSION:(2000+100)x4000x600 (HxWxD)



DIMENSIONS IN mm

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							+	
0	ISSUE FOR APPROVAL	TIE	18/05/2012					
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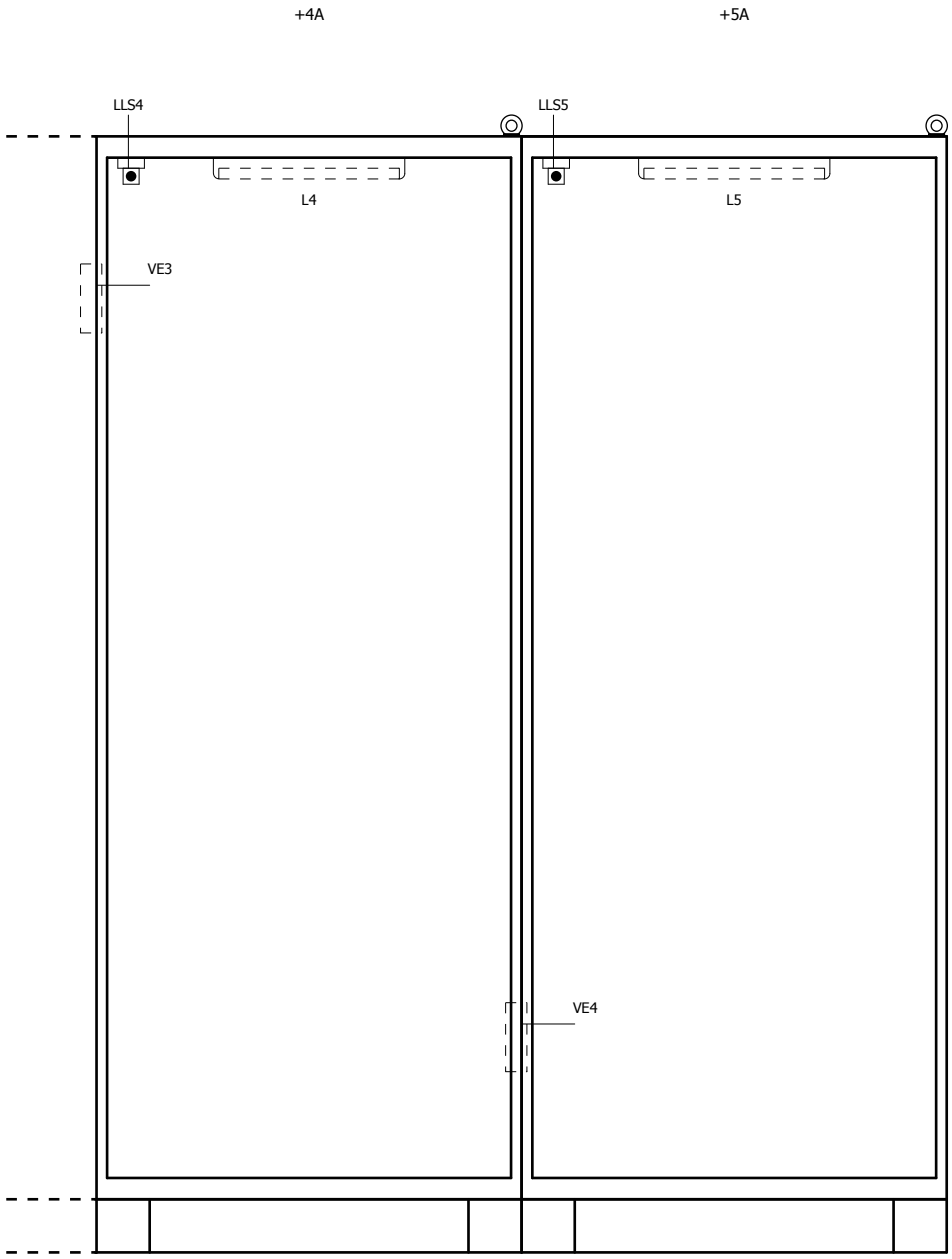
CABINET DIMENSION:(2000+100)x4000x600 (HxWxD)



DIMENSIONS IN mm

				SABIZ PLANT 90.CAB.1	desmet ballestra	LAYOUT INTERNAL VIEW	=	
							+	
0	ISSUE FOR APPROVAL	TIE	18/05/2012				JOB 2F11	DWG. 2F11-85-001	Sheet 120
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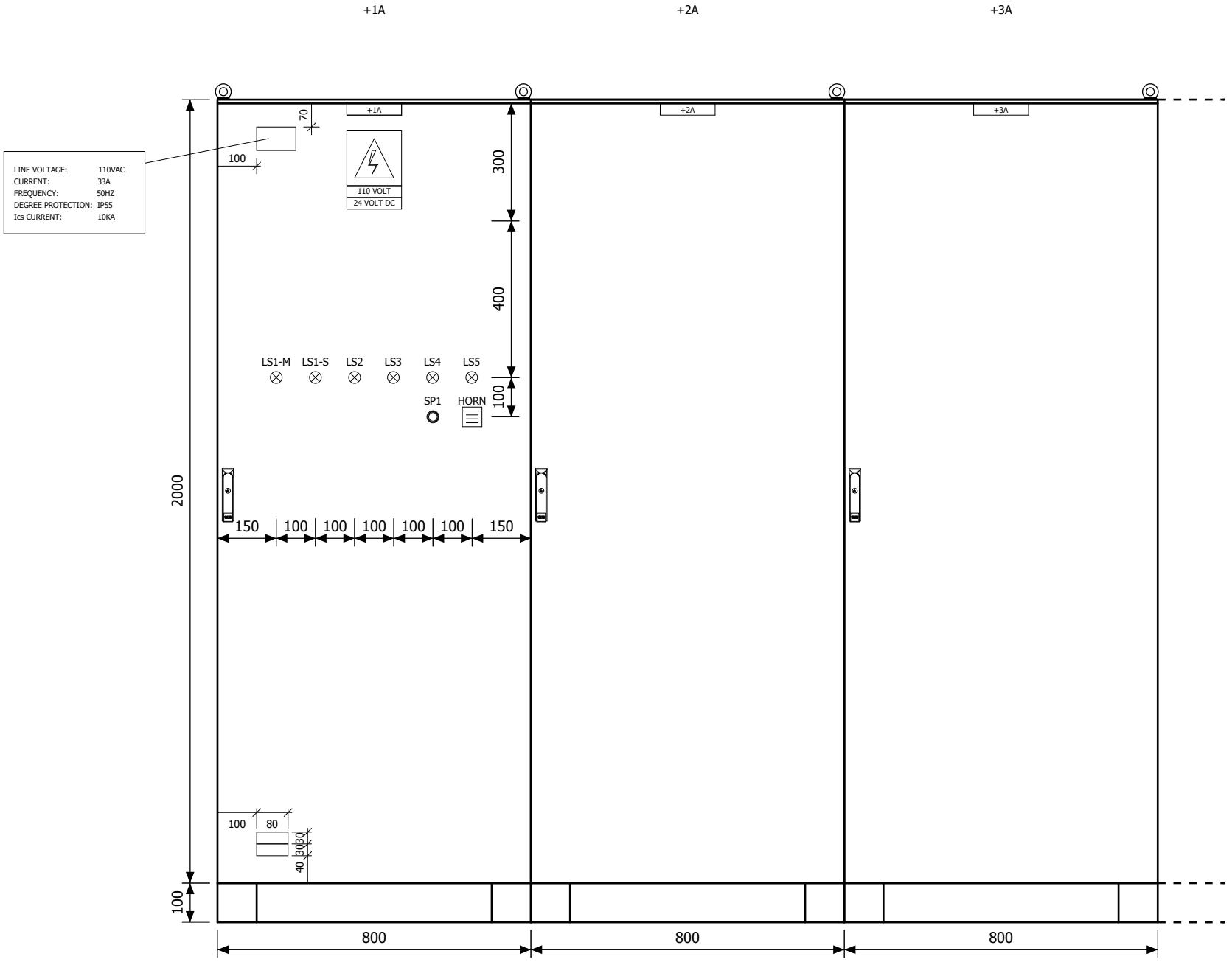
CABINET DIMENSION:(2000+100)x4000x600 (HxWxD)



DIMENSIONS IN mm

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							+	
0	ISSUE FOR APPROVAL	TIE	18/05/2012				JOB 2F11	DWG. 2F11-85-001	Sheet 121
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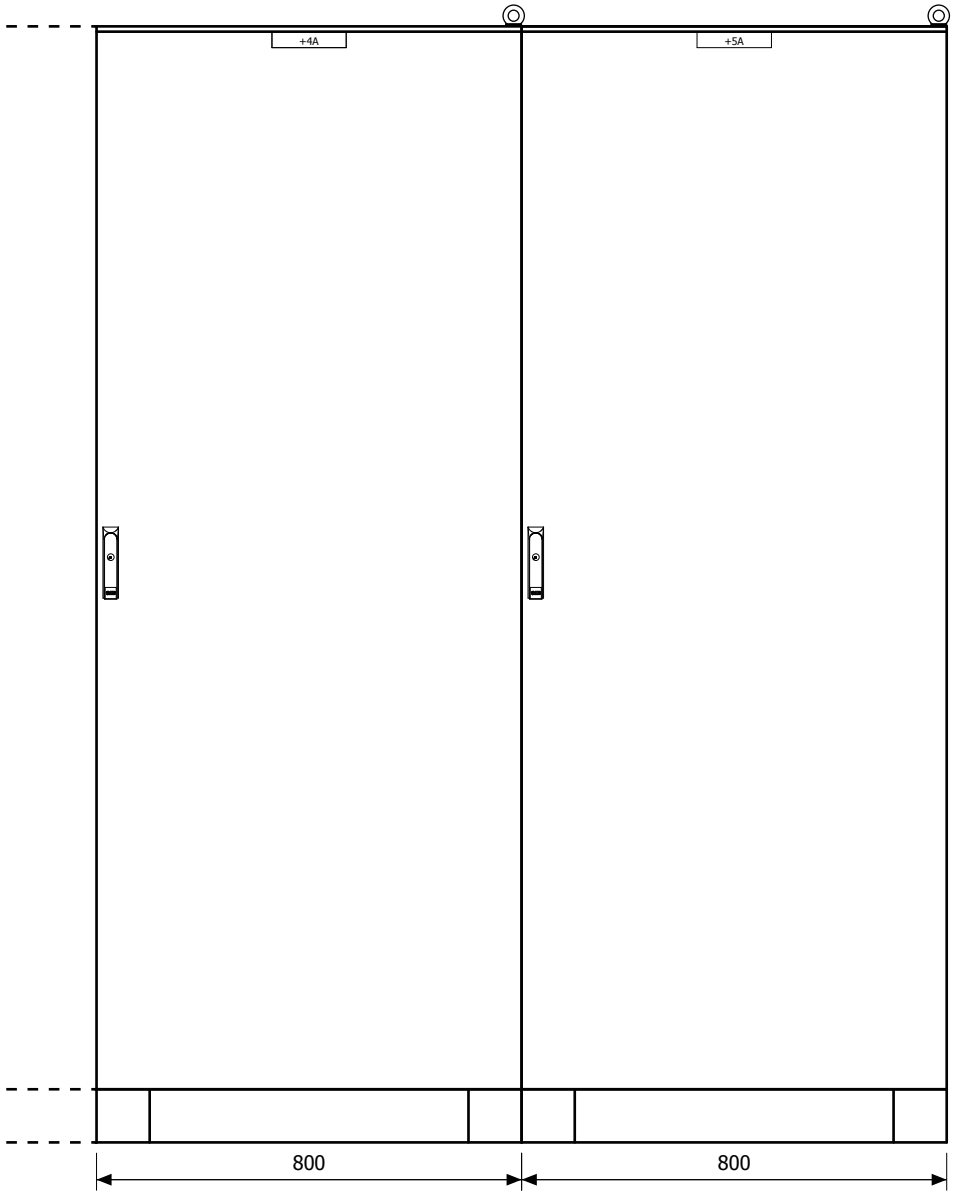
CABINET DIMENSION:(2000+100)x4000x600 (HxWxD)

+4A +5A



DIMENSIONS IN mm

				SABIZ PLANT 90.CAB.1		desmet ballestra	LAYOUT EXTERNAL VIEW	=
								+
0	ISSUE FOR APPROVAL	TIE	18/05/2012				JOB 2F11	DWG. 2F11-85-001 Sheet 122
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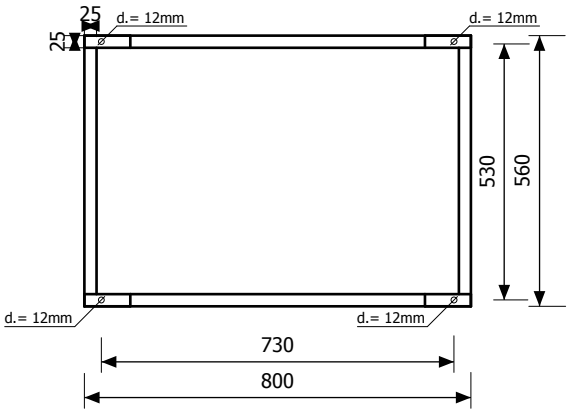
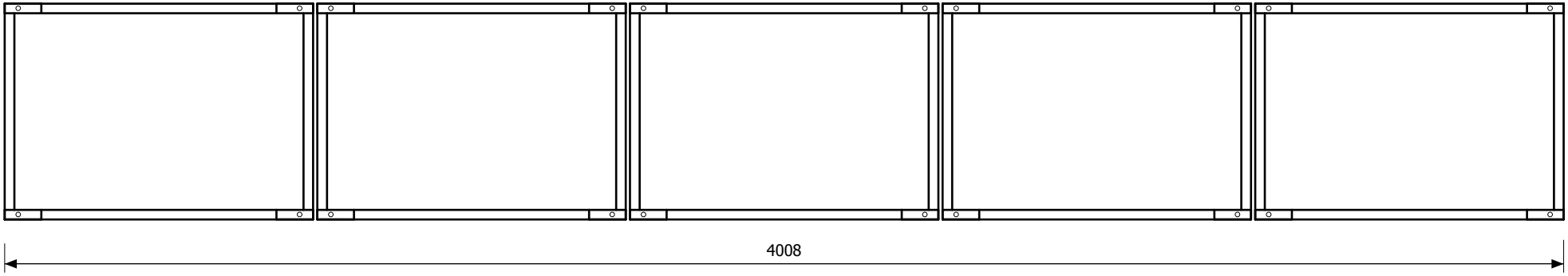
CABINET DIMENSION:(2000+100)x4000x600 (HxWxD)

BOTTOM VIEW





DIMENSIONS IN mm

				SABIZ PLANT 90.CAB.1		desmet ballestra	LAYOUT BOTTOM VIEW	= +
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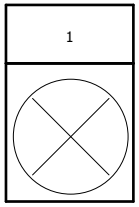
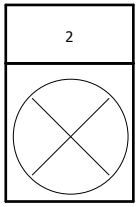
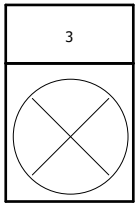
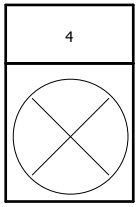
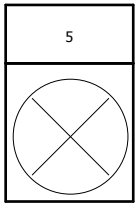
1	MAIN ON
2	SERVICE ON
3	AIR RICYCLE FANS
4	CABINET HEATING
5	POWER SUPPLY FOR I/O
6	POWER SUPPLY FOR SOLENOID VALVES
7	SHUTOFF HORN
8	HORN

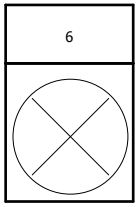


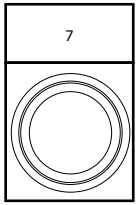


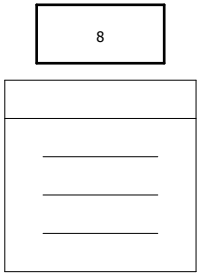












				SABIZ PLANT 90.CAB.1		LABEL DETAILS		=
								+
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Terminal diagram

INTERNAL				Strip designation TB-PS-M		TAG NAME	FIELD EQUIPMENTS
Target des.	Conn	Tag	Section	Num.	Page		
CB0-M	2	110L-M	10	1	(010.1D)	110L-M	POWER SUPPLY 110VAC 50Hz FROM UPS
CB0-M	4	110N-M	10	2	(010.2D)	110N-M	=
			10	PE	(010.2D)	PE	=

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TERMINAL DIAGRAM TB-PS-M

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Terminal diagram

INTERNAL				Strip designation TB-PS-S		TAG NAME	FIELD EQUIPMENTS
Target des.	Conn	Tag	Section	Num.	Page		
CB0-S	2	220L-S	10	1	(011.1D)	220L-S	POWER SUPPLY 220VAC 50Hz
CB0-S	4	220N-S	10	2	(011.2D)	220N-S	=
			10	PE	(011.2D)	PE	=

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TERMINAL DIAGRAM TB-PS-S

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=
+

Terminal diagram

INTERNAL				Strip designation TB-PS-110		TAG NAME	FIELD EQUIPMENTS
Target des.	Conn	Tag	Section	Num.	Page		
CBB1	2	35	2,5	1	(021.3B)	SPARE1	SPARE
CBB1	4	36	2,5	2	(021.3B)	SPARE1	=
CBB2	2	37	2,5	3	(021.4B)	SPARE2	=
CBB2	4	38	2,5	4	(021.4B)	SPARE2	=
CBB3	2	39	2,5	5	(021.5B)	SPARE3	=
CBB3	4	40	2,5	6	(021.5B)	SPARE3	=
CBB4	2	41	2,5	7	(021.6B)	SPARE4	=
CBB4	4	42	2,5	8	(021.7B)	SPARE4	=
CBB5	2	43	2,5	9	(021.7B)	SPARE5	=
CBB5	4	44	2,5	10	(021.8B)	SPARE5	=
CBB6	2	45	2,5	11	(021.9B)	SPARE6	=
CBB6	4	46	2,5	12	(021.9B)	SPARE6	=

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TERMINAL DIAGRAM TB-PS-110

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Terminal diagram

INTERNAL				Strip designation TB-AI		TAG NAME	FIELD EQUIPMENTS
Target des.	Conn	Tag	Section	Num.	Page		
TB1	50	24+2.1	4F	1+	(067.2C)	WIT62.1	WEIGHT TRANSMITTER 62WG1
AI101	2	10100	4F	1I	(067.2C)	WIT62.1	=
TB1	53	24-2.1	4	1-	(067.2C)	WIT62.1	=
TB1	50	24+2.1	4F	2+	(067.3C)	WIT62.2	WEIGHT TRANSMITTER 62A3
AI101	4	10101	4F	2I	(067.3C)	WIT62.2	=
TB1	53	24-2.1	4	2-	(067.3C)	WIT62.2	=
TB1	50	24+2.1	4F	3+	(067.4C)	WIT62.3	WEIGHT TRANSMITTER 62WG3
AI101	6	10102	4F	3I	(067.4C)	WIT62.3	=
TB1	53	24-2.1	4	3-	(067.4C)	WIT62.3	=
TB1	50	24+2.1	4F	4+	(067.5C)	WIT62.4	WEIGHT TRANSMITTER 62WG4
AI101	8	10103	4F	4I	(067.5C)	WIT62.4	=
TB1	53	24-2.1	4	4-	(067.5C)	WIT62.4	=
TB1	50	24+2.1	4F	5+	(067.6C)	LT63.2	LEVEL TRANSMITTER 63A2
AI101	12	10104	4F	5I	(067.6C)	LT63.2	=
TB1	53	24-2.1	4	5-	(067.6C)	LT63.2	=
TB1	50	24+2.1	4F	6+	(067.7C)	LT63.3A	LEVEL TRANSMITTER 63A1A
AI101	14	10105	4F	6I	(067.7C)	LT63.3A	=
TB1	53	24-2.1	4	6-	(067.7C)	LT63.3A	=
TB1	50	24+2.1	4F	7+	(067.8C)	LT63.3B	LEVEL TRANSMITTER 63A1B
AI101	16	10106	4F	7I	(067.8C)	LT63.3B	=
TB1	53	24-2.1	4	7-	(067.8C)	LT63.3B	=
TB1	50	24+2.1	4F	8+	(067.9C)	PT63.4	PRESSURE TRANSMITTER DELIVERY 63P4B
AI101	18	10107	4F	8I	(067.9C)	PT63.4	=
TB1	53	24-2.1	4	8-	(067.9C)	PT63.4	=
TB1	50	24+2.1	4F	9+	(068.2C)	PT63.10	PRESSURE TRANSMITTER NEAR 63AB1
AI101	20	10108	4F	9I	(068.2C)	PT63.10	=
TB1	53	24-2.1	4	9-	(068.2C)	PT63.10	=
TB1	50	24+2.1	4F	10+	(068.3C)	TET63.1A	TEMPERATURE TRANSMITTER NEAR 63A1A
AI101	22	10109	4F	10I	(068.3C)	TET63.1A	=
TB1	53	24-2.1	4	10-	(068.3C)	TET63.1A	=
TB1	50	24+2.1	4F	11+	(068.4C)	TET63.1B	TEMPERATURE TRANSMITTER NEAR 63A1B
AI101	24	10110	4F	11I	(068.4C)	TET63.1B	=
TB1	53	24-2.1	4	11-	(068.4C)	TET63.1B	=
TB1	50	24+2.1	4F	12+	(068.5C)	TET63.2	TEMPERATURE TRANSMITTER 63V1
AI101	26	10111	4F	12I	(068.5C)	TET63.2	=
TB1	53	24-2.1	4	12-	(068.5C)	TET63.2	=
TB1	50	24+2.1	4F	13+	(068.6C)	TET63.3	TEMPERATURE TRANSMITTER 63A2
AI101	30	10112	4F	13I	(068.6C)	TET63.3	=

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SABIZ PLANT
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TERMINAL DIAGRAM TB-AI

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Terminal diagram

INTERNAL				Strip designation TB-AI		TAG NAME	FIELD EQUIPMENTS
Target des.	Conn	Tag	Section	Num.	Page		
TB1	53	24-2.1	4	13-	(068.6C)	TET63.3	TEMPERATURE TRANSMITTER 63A2
TB1	50	24+2.1	4F	14+	(068.7C)	FT64.1	FLOW TRANSMITTER "SA" FROM 63P3A
AI101	32	10113	4F	14I	(068.7C)	FT64.1	=
TB1	53	24-2.1	4	14-	(068.7C)	FT64.1	=
TB1	50	24+2.1	4F	15+	(068.8C)	PDI64.1	PRESSURE TRANSMITTER 64AT1
AI101	34	10114	4F	15I	(068.8C)	PDI64.1	=
TB1	53	24-2.1	4	15-	(068.8C)	PDI64.1	=
TB1	50	24+2.1	4F	16+	(068.9C)	MT64.1	DEW POINT TRANSMITTER 64WG2
AI101	36	10115	4F	16I	(068.9C)	MT64.1	=
TB1	53	24-2.1	4	16-	(068.9C)	MT64.1	=
TB1	51	24+2.2	4F	17+	(069.2C)	PT64.1	PRESSURE TRANSMITTER 64AT1
AI102	2	10200	4F	17I	(069.2C)	PT64.1	=
TB1	54	24-2.2	4	17-	(069.2C)	PT64.1	=
TB1	51	24+2.2	4F	18+	(069.3C)	TET64.1	TEMPERATURE TRANSMITTER OUTLET 64H2
AI102	4	10201	4F	18I	(069.3C)	TET64.1	=
TB1	54	24-2.2	4	18-	(069.3C)	TET64.1	=
TB1	51	24+2.2	4F	19+	(069.4C)	TET64.2	TEMPERATURE TRANSMITTER 64AT1
AI102	6	10202	4F	19I	(069.4C)	TET64.2	=
TB1	54	24-2.2	4	19-	(069.4C)	TET64.2	=
TB1	51	24+2.2	4F	20+	(069.5C)	TET64.6	TEMPERATURE TRANSMITTER SUCTION 64K3
AI102	8	10203	4F	20I	(069.5C)	TET64.6	=
TB1	54	24-2.2	4	20-	(069.5C)	TET64.6	=
TB1	51	24+2.2	4F	21+	(069.6C)	TET64.9A	TEMPERATURE TRANSMITTER TOP 64AT1
AI102	12	10204	4F	21I	(069.6C)	TET64.9A	=
TB1	54	24-2.2	4	21-	(069.6C)	TET64.9A	=
TB1	51	24+2.2	4F	22+	(069.7C)	TET64.9B	=
AI102	14	10205	4F	22I	(069.7C)	TET64.9B	=
TB1	54	24-2.2	4	22-	(069.7C)	TET64.9B	=
TB1	51	24+2.2	4F	23+	(069.8C)	TET64.9C	=
AI102	16	10206	4F	23I	(069.8C)	TET64.9C	=
TB1	54	24-2.2	4	23-	(069.8C)	TET64.9C	=
TB1	51	24+2.2	4F	24+	(069.9C)	TET64.3	TEMPERATURE TRANSMITTER DELIVERY 63P4B
AI102	18	10207	4F	24I	(069.9C)	TET64.3	=
TB1	54	24-2.2	4	24-	(069.9C)	TET64.3	=
TB1	51	24+2.2	4F	25+	(070.2C)	TET64.4	TEMPERATURE TRANSMITTER REGULATION OUTLET 64H2
AI102	20	10208	4F	25I	(070.2C)	TET64.4	=
TB1	54	24-2.2	4	25-	(070.2C)	TET64.4	=
TB1	51	24+2.2	4F	26+	(070.3C)	LT64.6	LEVEL TRANSMITTER 64V9

Terminal diagram

INTERNAL				Strip designation TB-AI		TAG NAME	FIELD EQUIPMENTS
Target des.	Conn	Tag	Section	Num.	Page		
AI102	22	10209	4F	26I	(070.3C)	LT64.6	LEVEL TRANSMITTER 64V9
TB1	54	24-2.2	4	26-	(070.3C)	LT64.6	=
TB1	51	24+2.2	4F	27+	(070.4C)	WIT64.2	WEIGHT TRANSMITTER 64V9
AI102	24	10210	4F	27I	(070.4C)	WIT64.2	=
TB1	54	24-2.2	4	27-	(070.4C)	WIT64.2	=
TB1	51	24+2.2	4F	28+	(070.5C)	DT64.2	DENSITY TRANSMITTER 64V9
AI102	26	10211	4F	28I	(070.5C)	DT64.2	=
TB1	54	24-2.2	4	28-	(070.5C)	DT64.2	=
TB1	51	24+2.2	4F	29+	(070.6C)	WIT64.3	WEIGHT TRANSMITTER 64WG3
AI102	30	10212	4F	29I	(070.6C)	WIT64.3	=
TB1	54	24-2.2	4	29-	(070.6C)	WIT64.3	=
TB1	51	24+2.2	4F	30+	(070.7C)	WIT64.4	WEIGHT TRANSMITTER 64WG4
AI102	32	10213	4F	30I	(070.7C)	WIT64.4	=
TB1	54	24-2.2	4	30-	(070.7C)	WIT64.4	=
TB1	51	24+2.2	4F	31+	(070.8C)	WIT65.1	WEIGHT TRANSMITTER 65WG1
AI102	34	10214	4F	31I	(070.8C)	WIT65.1	=
TB1	54	24-2.2	4	31-	(070.8C)	WIT65.1	=
TB1	51	24+2.2	4F	32+	(070.9C)	WIT65.2	WEIGHT TRANSMITTER 65WG2
AI102	36	10215	4F	32I	(070.9C)	WIT65.2	=
TB1	54	24-2.2	4	32-	(070.9C)	WIT65.2	=
TB1	52	24+2.3	4F	33+	(071.2C)	WIT65.3	WEIGHT TRANSMITTER 65WG3
AI103	2	10300	4F	33I	(071.2C)	WIT65.3	=
TB1	55	24-2.3	4	33-	(071.2C)	WIT65.3	=
TB1	52	24+2.3	4F	34+	(071.3C)	WIT65.4	WEIGHT TRANSMITTER 65WG4
AI103	4	10301	4F	34I	(071.3C)	WIT65.4	=
TB1	55	24-2.3	4	34-	(071.3C)	WIT65.4	=
TB1	52	24+2.3	4F	35+	(071.4C)	WIT65.5	WEIGHT TRANSMITTER 65WG5
AI103	6	10302	4F	35I	(071.4C)	WIT65.5	=
TB1	55	24-2.3	4	35-	(071.4C)	WIT65.5	=
TB1	52	24+2.3	4F	36+	(071.5C)	WIT65.8	WEIGHT TRANSMITTER 65WG8
AI103	8	10303	4F	36I	(071.5C)	WIT65.8	=
TB1	55	24-2.3	4	36-	(071.5C)	WIT65.8	=
TB1	52	24+2.3	4F	37+	(071.6C)	WIT65.9	WEIGHT TRANSMITTER 65WG9
AI103	12	10304	4F	37I	(071.6C)	WIT65.9	=
TB1	55	24-2.3	4	37-	(071.6C)	WIT65.9	=
TB1	52	24+2.3	4F	38+	(071.7C)	WIT65.10	WEIGHT TRANSMITTER 65WG10
AI103	14	10305	4F	38I	(071.7C)	WIT65.10	=
TB1	55	24-2.3	4	38-	(071.7C)	WIT65.10	=

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TERMINAL DIAGRAM TB-AI

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Terminal diagram

INTERNAL				Strip designation TB-AI		TAG NAME	FIELD EQUIPMENTS
Target des.	Conn	Tag	Section	Num.	Page		
TB1	52	24+2.3	4F	39+	(071.8C)	AI10306	SPARE
AI103	16	10306	4F	39I	(071.8C)	AI10306	=
TB1	55	24-2.3	4	39-	(071.8C)	AI10306	=
TB1	52	24+2.3	4F	40+	(071.9C)	AI10307	=
AI103	18	10307	4F	40I	(071.9C)	AI10307	=
TB1	55	24-2.3	4	40-	(071.9C)	AI10307	=
TB1	52	24+2.3	4F	41+	(072.2C)	AI10308	=
AI103	20	10308	4F	41I	(072.2C)	AI10308	=
TB1	55	24-2.3	4	41-	(072.2C)	AI10308	=
TB1	52	24+2.3	4F	42+	(072.3C)	AI10309	=
AI103	22	10309	4F	42I	(072.3C)	AI10309	=
TB1	55	24-2.3	4	42-	(072.3C)	AI10309	=
TB1	52	24+2.3	4F	43+	(072.4C)	AI10310	=
AI103	24	10310	4F	43I	(072.4C)	AI10310	=
TB1	55	24-2.3	4	43-	(072.4C)	AI10310	=
TB1	52	24+2.3	4F	44+	(072.5C)	AI10311	=
AI103	26	10311	4F	44I	(072.5C)	AI10311	=
TB1	55	24-2.3	4	44-	(072.5C)	AI10311	=
TB1	52	24+2.3	4F	45+	(072.6C)	AI10312	=
AI103	30	10312	4F	45I	(072.6C)	AI10312	=
TB1	55	24-2.3	4	45-	(072.6C)	AI10312	=
TB1	52	24+2.3	4F	46+	(072.7C)	AI10313	=
AI103	32	10313	4F	46I	(072.7C)	AI10313	=
TB1	55	24-2.3	4	46-	(072.7C)	AI10313	=
TB1	52	24+2.3	4F	47+	(072.8C)	WIC65.7	WEIGHT TRANSMITTER 65WG7
AI103	34	10314	4F	47I	(072.8C)	WIC65.7	=
TB1	55	24-2.3	4	47-	(072.8C)	WIC65.7	=
TB1	52	24+2.3	4F	48+	(072.9C)	AI10315	SPARE
AI103	36	10315	4F	48I	(072.9C)	AI10315	=
TB1	55	24-2.3	4	48-	(072.9C)	AI10315	=

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Terminal diagram

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Target des.	Conn	Tag	Section	Num.	Page		
AO104	3	10400	4F	1	(073.2C)	SZ62A3	I-C FREQUENCY CONVERTER
AO104	5	104RTN1	4	2	(073.3C)	SZ62A3	=
AO104	9	10401	4F	3	(073.3C)	SZ63A1A	=
AO104	5	104RTN1	4	4	(073.3C)	SZ63A1A	=
AO104	13	10402	4F	5	(073.4C)	SZ63A1B	=
AO104	15	104RTN2	4	6	(073.4C)	SZ63A1B	=
AO104	19	10403	4F	7	(073.5C)	HZ63P3A	=
AO104	15	104RTN2	4	8	(073.5C)	HZ63P3A	=
AO104	4	10404	4F	9	(073.6C)	HZ63P3B	=
AO104	6	104RTN3	4	10	(073.6C)	HZ63P3B	=
AO104	10	10405	4F	11	(073.7C)	HZ64.K2	=
AO104	6	104RTN3	4	12	(073.7C)	HZ64.K2	=
AO104	14	10406	4F	13	(073.7C)	PZ64.1	=
AO104	16	104RTN4	4	14	(073.8C)	PZ64.1	=
AO104	20	10407	4F	15	(073.8C)	HZ64.K4	=
AO104	16	104RTN4	4	16	(073.9C)	HZ64.K4	=
AO105	3	10500	4F	17	(074.2C)	HZ65MX1	=
AO105	5	105RTN1	4	18	(074.3C)	HZ65MX1	=
AO105	9	10501	4F	19	(074.3C)	FZ65P1	=
AO105	5	105RTN1	4	20	(074.3C)	FZ65P1	=
AO105	13	10502	4F	21	(074.4C)	HC64.1	SET POINT TO TIC64.H1
AO105	15	105RTN2	4	22	(074.4C)	HC64.1	=
AO105	19	10503	4F	23	(074.5C)	WU64.2	SET POINT 64V9
AO105	15	105RTN2	4	24	(074.5C)	WU64.2	=
AO105	4	10504	4F	25	(074.6C)	WU64.3	SET POINT 64WG3
AO105	6	105RTN3	4	26	(074.6C)	WU64.3	=
AO105	10	10505	4F	27	(074.7C)	WU64.4	SET POINT 64WG4
AO105	6	105RTN3	4	28	(074.7C)	WU64.4	=
AO105	14	10506	4F	29	(074.7C)	FY65.1I/P	SET POINT 65P1
AO105	16	105RTN4	4	30	(074.8C)	FY65.1I/P	=
AO105	20	10507	4F	31	(074.8C)	FY65.2I/P	=
AO105	16	105RTN4	4	32	(074.9C)	FY65.2I/P	=
AO106	3	10600	4F	33	(075.2C)	FY65.3I/P	FLOW CONTROL 65P1
AO106	5	106RTN1	4	34	(075.3C)	FY65.3I/P	=
AO106	9	10601	4F	35	(075.3C)	WU65.1	SET POINT 65WG1
AO106	5	106RTN1	4	36	(075.3C)	WU65.1	=
AO106	13	10602	4F	37	(075.4C)	WU65.2	SET POINT 65WG2
AO106	15	106RTN2	4	38	(075.4C)	WU65.2	=

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Terminal diagram

INTERNAL				Strip designation TB-AO		TAG NAME	FIELD EQUIPMENTS
Target des.	Conn	Tag	Section	Num.	Page		
AO106	19	10603	4F	39	(075.5C)	WU65.3	SET POINT 65WG3
AO106	15	106RTN2	4	40	(075.5C)	WU65.3	=
AO106	4	10604	4F	41	(075.6C)	WU65.4	SET POINT 65WG4
AO106	6	106RTN3	4	42	(075.6C)	WU65.4	=
AO106	10	10605	4F	43	(075.7C)	WU65.5	SET POINT 65WG5
AO106	6	106RTN3	4	44	(075.7C)	WU65.5	=
AO106	14	10606	4F	45	(075.7C)	WU65.8	SET POINT 65WG8
AO106	16	106RTN4	4	46	(075.8C)	WU65.8	=
AO106	20	10607	4F	47	(075.8C)	WU65.9	SET POINT 65WG9
AO106	16	106RTN4	4	48	(075.9C)	WU65.9	=
AO107	3	10700	4F	49	(076.2C)	WU65.10	SET POINT 65WG10
AO107	5	107RTN1	4	50	(076.3C)	WU65.10	=
AO107	9	10701	4F	51	(076.3C)	FZ62.1	I-C FREQUENCY CONVERTER
AO107	5	107RTN1	4	52	(076.3C)	FZ62.1	=
AO107	13	10702	4F	53	(076.4C)	TY63.2I/P	I-C63V1
AO107	15	107RTN2	4	54	(076.4C)	TY63.2I/P	=
AO107	19	10703	4F	55	(076.5C)	TY63.3I/P	I-C63A2
AO107	15	107RTN2	4	56	(076.5C)	TY63.3I/P	=
AO107	4	10704	4F	57	(076.6C)	AO10704	SPARE
AO107	6	107RTN3	4	58	(076.6C)	AO10704	=
AO107	10	10705	4F	59	(076.7C)	AO10705	=
AO107	6	107RTN3	4	60	(076.7C)	AO10705	=
AO107	14	10706	4F	61	(076.7C)	AO10706	=
AO107	16	107RTN4	4	62	(076.8C)	AO10706	=
AO107	20	10707	4F	63	(076.8C)	WU65.7	SET POINT 65WG7
AO107	16	107RTN4	4	64	(076.9C)	WU65.7	=
AO108	3	10800	4F	65	(077.2C)	AO10800	SPARE
AO108	5	108RTN1	4	66	(077.3C)	AO10800	=
AO108	9	10801	4F	67	(077.3C)	AO10801	=
AO108	5	108RTN1	4	68	(077.3C)	AO10801	=
AO108	13	10802	4F	69	(077.4C)	AO10802	=
AO108	15	108RTN2	4	70	(077.4C)	AO10802	=
AO108	19	10803	4F	71	(077.5C)	AO10803	=
AO108	15	108RTN2	4	72	(077.5C)	AO10803	=
AO108	4	10804	4F	73	(077.6C)	AO10804	=
AO108	6	108RTN3	4	74	(077.6C)	AO10804	=
AO108	10	10805	4F	75	(077.7C)	AO10805	=
AO108	6	108RTN3	4	76	(077.7C)	AO10805	=

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Terminal diagram

INTERNAL				Strip designation TB-AO		TAG NAME	FIELD EQUIPMENTS
Target des.	Conn	Tag	Section	Num.	Page		
AO108	14	10806	4F	77	(077.7C)	AO10806	SPARE
AO108	16	108RTN4	4	78	(077.8C)	AO10806	=
AO108	20	10807	4F	79	(077.8C)	AO10807	=
AO108	16	108RTN4	4	80	(077.9C)	AO10807	=

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								+	
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Terminal diagram

INTERNAL				Strip designation TB-MOT-DI		TAG NAME	FIELD EQUIPMENTS
Target des.	Conn	Tag	Section	Num.	Page		
TB1	59	24+4.1	4F	1+	(078.3D)	FLTR1111	RUNNING INDICATION
DI114	1	11400	4	1-	(078.3C)	FLTR1111	=
TB1	59	24+4.1	4F	2+	(078.3D)	FLTR1211	=
DI114	2	11401	4	2-	(078.3C)	FLTR1211	=
TB1	59	24+4.1	4F	3+	(078.3D)	FLTR1311	=
DI114	3	11402	4	3-	(078.3C)	FLTR1311	=
TB1	59	24+4.1	4F	4+	(078.4D)	FLTR2101A	=
DI114	4	11403	4	4-	(078.4C)	FLTR2101A	=
TB1	59	24+4.1	4F	5+	(078.4D)	FLTR2101B	=
DI114	5	11404	4	5-	(078.4C)	FLTR2101B	=
TB1	59	24+4.1	4F	6+	(078.4D)	61K1-M	=
DI114	6	11405	4	6-	(078.4C)	61K1-M	=
TB1	59	24+4.1	4F	7+	(078.5D)	61K3-M	=
DI114	7	11406	4	7-	(078.5C)	61K3-M	=
TB1	59	24+4.1	4F	8+	(078.5D)	61K4-M	=
DI114	8	11407	4	8-	(078.5C)	61K4-M	=
TB1	59	24+4.1	4F	9+	(078.6D)	61K5-M	=
DI114	9	11408	4	9-	(078.6C)	61K5-M	=
TB1	59	24+4.1	4F	10+	(078.6D)	FAN1111-M	=
DI114	10	11409	4	10-	(078.6C)	FAN1111-M	=
TB1	59	24+4.1	4F	11+	(078.6D)	FAN1211-M	=
DI114	11	11410	4	11-	(078.6C)	FAN1211-M	=
TB1	59	24+4.1	4F	12+	(078.7D)	FAN1311-M	=
DI114	12	11411	4	12-	(078.7C)	FAN1311-M	=
TB1	59	24+4.1	4F	13+	(078.7D)	FAN2101A-M	=
DI114	13	11412	4	13-	(078.7C)	FAN2101A-M	=
TB1	59	24+4.1	4F	14+	(078.7D)	FAN2101B-M	=
DI114	14	11413	4	14-	(078.7C)	FAN2101B-M	=
TB1	59	24+4.1	4F	15+	(078.8D)	61Z1-M	=
DI114	15	11414	4	15-	(078.8C)	61Z1-M	=
TB1	59	24+4.1	4F	16+	(078.8D)	61Z2.1-M	=
DI114	16	11415	4	16-	(078.8C)	61Z2.1-M	=
TB1	59	24+4.1	4F	17+	(079.3D)	61Z2.2-M	=
DI114	19	11416	4	17-	(079.3C)	61Z2.2-M	=
TB1	59	24+4.1	4F	18+	(079.3D)	61Z2.3-M	=
DI114	20	11417	4	18-	(079.3C)	61Z2.3-M	=
TB1	59	24+4.1	4F	19+	(079.3D)	61Z2.4-M	=
DI114	21	11418	4	19-	(079.3C)	61Z2.4-M	=

Terminal diagram

INTERNAL				Strip designation TB-MOT-DI		TAG NAME	FIELD EQUIPMENTS
Target des.	Conn	Tag	Section	Num.	Page		
TB1	59	24+4.1	4F	20+	(079.4D)	61Z2.5-M	RUNNING INDICATION
DI114	22	11419	4	20-	(079.4C)	61Z2.5-M	=
TB1	59	24+4.1	4F	21+	(079.4D)	61Z3-M	=
DI114	23	11420	4	21-	(079.4C)	61Z3-M	=
TB1	59	24+4.1	4F	22+	(079.4D)	61Z4-M	=
DI114	24	11421	4	22-	(079.4C)	61Z4-M	=
TB1	59	24+4.1	4F	23+	(079.5D)	62CL1-M	RUNNING INDICATION HIGH SPEED SODIUM SULPHATE EXTRACTION SCREW
DI114	25	11422	4	23-	(079.5C)	62CL1-M	=
TB1	59	24+4.1	4F	24+	(079.5D)	62CL1-M	RUNNING INDICATION LOW SPEED SODIUM SULPHATE EXTRACTION SCREW
DI114	26	11423	4	24-	(079.5C)	62CL1-M	=
TB1	59	24+4.1	4F	25+	(079.6D)	62CL1-M	CUMULATIVE FAULT INDICATION SODIUM SULPHATE EXTRACTION SCREW
DI114	27	11424	4	25-	(079.6C)	62CL1-M	=
TB1	59	24+4.1	4F	26+	(079.6D)	62CL2-M	RUNNING INDICATION HIGH SPEED SODIUM CARBONATE EXTRACTION SCREW
DI114	28	11425	4	26-	(079.6C)	62CL2-M	=
TB1	59	24+4.1	4F	27+	(079.6D)	62CL2-M	RUNNING INDICATION LOW SPEED SODIUM CARBONATE EXTRACTION SCREW
DI114	29	11426	4	27-	(079.6C)	62CL2-M	=
TB1	59	24+4.1	4F	28+	(079.7D)	62CL2-M	CUMULATIVE FAULT INDICATION SODIUM CARBONATE EXTRACTION SCREW
DI114	30	11427	4	28-	(079.7C)	62CL2-M	=
TB1	59	24+4.1	4F	29+	(079.7D)	62CL3-M	RUNNING INDICATION HIGH SPEED STPP EXTRACTION SCREW
DI114	31	11428	4	29-	(079.7C)	62CL3-M	=
TB1	59	24+4.1	4F	30+	(079.7D)	62CL3-M	RUNNING INDICATION LOW SPEED STPP EXTRACTION SCREW
DI114	32	11429	4	30-	(079.7C)	62CL3-M	=
TB1	59	24+4.1	4F	31+	(079.8D)	62CL3-M	CUMULATIVE FAULT INDICATION STPP EXTRACTION SCREW
DI114	33	11430	4	31-	(079.8C)	62CL3-M	=
TB1	59	24+4.1	4F	32+	(079.8D)	62A1/B-M	RUNNING INDICATION RECOVERED SLURRY DISSOLVING TANK
DI114	34	11431	4	32-	(079.8C)	62A1/B-M	=
TB1	60	24+4.2	4F	33+	(080.3D)	62A1/B-M	CUMULATIVE FAULT INDICATION RECOVERED SLURRY DISSOLVING TANK
DI115	1	11500	4	33-	(080.3C)	62A1/B-M	=
TB1	60	24+4.2	4F	34+	(080.3D)	62CL4-M	RUNNING INDICATION HIGH SPEED ZEOLITE EXTRACTION SCREW
DI115	2	11501	4	34-	(080.3C)	62CL4-M	=
TB1	60	24+4.2	4F	35+	(080.3D)	62CL4-M	RUNNING INDICATION LOW SPEED ZEOLITE EXTRACTION SCREW
DI115	3	11502	4	35-	(080.3C)	62CL4-M	=
TB1	60	24+4.2	4F	36+	(080.4D)	62CL4-M	CUMULATIVE FAULT INDICATION ZEOLITE EXTRACTION SCREW
DI115	4	11503	4	36-	(080.4C)	62CL4-M	=
TB1	60	24+4.2	4F	37+	(080.4D)	62CL5-M	RUNNING INDICATION CMC EXTRACTION SCREW
DI115	5	11504	4	37-	(080.4C)	62CL5-M	=
TB1	60	24+4.2	4F	38+	(080.4D)	62CL5-M	CUMULATIVE FAULT INDICATION CMC EXTRACTION SCREW
DI115	6	11505	4	38-	(080.4C)	62CL5-M	=

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desmet ballestra

TERMINAL DIAGRAM TB-MOT-DI

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Terminal diagram

INTERNAL				Strip designation TB-MOT-DI		TAG NAME	FIELD EQUIPMENTS
Target des.	Conn	Tag	Section	Num.	Page		
TB1	60	24+4.2	4F	39+	(080.5D)	62CL6-M	RUNNING INDICATION SOLID DISCHARGING SCREW
DI115	7	11506	4	39-	(080.5C)	62CL6-M	=
TB1	60	24+4.2	4F	40+	(080.5D)	62CL6-M	CUMULATIVE FAULT INDICATION SOLID DISCHARGING SCREW
DI115	8	11507	4	40-	(080.5C)	62CL6-M	=
TB1	60	24+4.2	4F	41+	(080.6D)	62CL6A-M	RUNNING INDICATION MINOR SOLID DISCHARGING SCREW
DI115	9	11508	4	41-	(080.6C)	62CL6A-M	=
TB1	60	24+4.2	4F	42+	(080.6D)	62CL6A-M	CUMULATIVE FAULT INDICATION MINOR SOLID DISCHARGING SCREW
DI115	10	11509	4	42-	(080.6C)	62CL6A-M	=
TB1	60	24+4.2	4F	43+	(080.6D)	62P1/B-M	RUNNING INDICATION RECOVERED SLURRY TRANSFER PUMP
DI115	11	11510	4	43-	(080.6C)	62P1/B-M	=
TB1	60	24+4.2	4F	44+	(080.7D)	62P1/B-M	CUMULATIVE FAULT INDICATION RECOVERED SLURRY TRANSFER PUMP
DI115	12	11511	4	44-	(080.7C)	62P1/B-M	=
TB1	60	24+4.2	4F	45+	(080.7D)	62CL7-M	RUNNING INDICATION OPTICAL BRIGHTENER EXTRACTION SCREW
DI115	13	11512	4	45-	(080.7C)	62CL7-M	=
TB1	60	24+4.2	4F	46+	(080.7D)	62CL7-M	CUMULATIVE FAULT INDICATION OPTICAL BRIGHTENER EXTRACTION SCREW
DI115	14	11513	4	46-	(080.7C)	62CL7-M	=
TB1	60	24+4.2	4F	47+	(080.8D)	62K1-M	RUNNING INDICATION DEDUSTING FILTER FAN
DI115	15	11514	4	47-	(080.8C)	62K1-M	=
TB1	60	24+4.2	4F	48+	(080.8D)	62K1-M	CUMULATIVE FAULT INDICATION DEDUSTING FILTER FAN
DI115	16	11515	4	48-	(080.8C)	62K1-M	=
TB1	60	24+4.2	4F	49+	(081.3D)	62K2-M	RUNNING INDICATION DEDUSTING FILTER FAN
RACK1SLOT 15	19	11516	4	49-	(081.3C)	62K2-M	=
TB1	60	24+4.2	4F	50+	(081.3D)	62K2-M	CUMULATIVE FAULT INDICATION DEDUSTING FILTER FAN
RACK1SLOT 15	20	11517	4	50-	(081.3C)	62K2-M	=
TB1	60	24+4.2	4F	51+	(081.3D)	62K3-M	RUNNING INDICATION DEDUSTING FILTER FAN
RACK1SLOT 15	21	11518	4	51-	(081.3C)	62K3-M	=
TB1	60	24+4.2	4F	52+	(081.4D)	62K3-M	CUMULATIVE FAULT INDICATION DEDUSTING FILTER FAN
RACK1SLOT 15	22	11519	4	52-	(081.4C)	62K3-M	=
TB1	60	24+4.2	4F	53+	(081.4D)	62K4-M	RUNNING INDICATION DEDUSTING FILTER FAN
RACK1SLOT 15	23	11520	4	53-	(081.4C)	62K4-M	=
TB1	60	24+4.2	4F	54+	(081.4D)	62K4-M	CUMULATIVE FAULT INDICATION DEDUSTING FILTER FAN
RACK1SLOT 15	24	11521	4	54-	(081.4C)	62K4-M	=
TB1	60	24+4.2	4F	55+	(081.5D)	SPARE	SPARE MOTOR
RACK1SLOT 15	25	11522	4	55-	(081.5C)	SPARE	=
TB1	60	24+4.2	4F	56+	(081.5D)	SPARE	=
RACK1SLOT 15	26	11523	4	56-	(081.5C)	SPARE	=
TB1	60	24+4.2	4F	57+	(081.6D)	62K5-M	RUNNING INDICATION DEDUSTING FILTER FAN
RACK1SLOT 15	27	11524	4	57-	(081.6C)	62K5-M	=

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1	REVISED	TIE	02/10/2012
0	ISSUE FOR APPROVAL	TIE	18/05/2012

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TERMINAL DIAGRAM TB-MOT-DI

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Terminal diagram

INTERNAL				Strip designation TB-MOT-DI		TAG NAME	FIELD EQUIPMENTS
Target des.	Conn	Tag	Section	Num.	Page		
TB1	60	24+4.2	4F	58+	(081.6D)	62K5-M	CUMULATIVE FAULT INDICATION DEDUSTING FILTER FAN
RACK1SLOT 15	28	11525	4	58-	(081.6C)	62K5-M	=
TB1	60	24+4.2	4F	59+	(081.6D)	62K7-M	RUNNING INDICATION DEDUSTING FILTER FAN
RACK1SLOT 15	29	11526	4	59-	(081.6C)	62K7-M	=
TB1	60	24+4.2	4F	60+	(081.7D)	62K7-M	CUMULATIVE FAULT INDICATION DEDUSTING FILTER FAN
RACK1SLOT 15	30	11527	4	60-	(081.7C)	62K7-M	=
TB1	60	24+4.2	4F	61+	(081.7D)	62SR1-M	RUNNING INDICATION ZEOLITE BIN ACTIVATOR
RACK1SLOT 15	31	11528	4	61-	(081.7C)	62SR1-M	=
TB1	60	24+4.2	4F	62+	(081.7D)	62SR1-M	CUMULATIVE FAULT INDICATION ZEOLITE BIN ACTIVATOR
RACK1SLOT 15	32	11529	4	62-	(081.7C)	62SR1-M	=
TB1	60	24+4.2	4F	63+	(081.8D)	62Z1-M	RUNNING INDICATION ROTARY VALVE
RACK1SLOT 15	33	11530	4	63-	(081.8C)	62Z1-M	=
TB1	60	24+4.2	4F	64+	(081.8D)	62Z1-M	CUMULATIVE FAULT INDICATION ROTARY VALVE
RACK1SLOT 15	34	11531	4	64-	(081.8C)	62Z1-M	=
TB1	61	24+4.3	4F	65+	(082.3D)	62K8-M	RUNNING INDICATION DEDUSTING FILTER FAN
DI116	1	11600	4	65-	(082.3C)	62K8-M	=
TB1	61	24+4.3	4F	66+	(082.3D)	62K8-M	CUMULATIVE FAULT INDICATION DEDUSTING FILTER FAN
DI116	2	11601	4	66-	(082.3C)	62K8-M	=
TB1	61	24+4.3	4F	67+	(082.3D)	62F6/B-M	RUNNING INDICATION RECOVERED SLURRY FILTER
DI116	3	11602	4	67-	(082.3C)	62F6/B-M	=
TB1	61	24+4.3	4F	68+	(082.4D)	62F6/B-M	CUMULATIVE FAULT INDICATION RECOVERED SLURRY FILTER
DI116	4	11603	4	68-	(082.4C)	62F6/B-M	=
TB1	61	24+4.3	4F	69+	(082.4D)	KC62.1	RUNNING INDICATION DEDUSTING FILTER
DI116	5	11604	4	69-	(082.4C)	KC62.1	=
TB1	61	24+4.3	4F	70+	(082.4D)	KC62.1	CUMULATIVE FAULT INDICATION DEDUSTING FILTER
DI116	6	11605	4	70-	(082.4C)	KC62.1	=
TB1	61	24+4.3	4F	71+	(082.5D)	KC62.2	RUNNING INDICATION DEDUSTING FILTER
DI116	7	11606	4	71-	(082.5C)	KC62.2	=
TB1	61	24+4.3	4F	72+	(082.5D)	KC62.2	CUMULATIVE FAULT INDICATION DEDUSTING FILTER
DI116	8	11607	4	72-	(082.5C)	KC62.2	=
TB1	61	24+4.3	4F	73+	(082.6D)	KC62.3	RUNNING INDICATION DEDUSTING FILTER
DI116	9	11608	4	73-	(082.6C)	KC62.3	=
TB1	61	24+4.3	4F	74+	(082.6D)	KC62.3	CUMULATIVE FAULT INDICATION DEDUSTING FILTER
DI116	10	11609	4	74-	(082.6C)	KC62.3	=
TB1	61	24+4.3	4F	75+	(082.6D)	KC62.4	RUNNING INDICATION DEDUSTING FILTER
DI116	11	11610	4	75-	(082.6C)	KC62.4	=
TB1	61	24+4.3	4F	76+	(082.7D)	KC62.4	CUMULATIVE FAULT INDICATION DEDUSTING FILTER
DI116	12	11611	4	76-	(082.7C)	KC62.4	=

Terminal diagram

INTERNAL				Strip designation TB-MOT-DI		TAG NAME	FIELD EQUIPMENTS
Target des.	Conn	Tag	Section	Num.	Page		
TB1	61	24+4.3	4F	77+	(082.7D)	KC62.5	RUNNING INDICATION DEDUSTING FILTER
DI116	13	11612	4	77-	(082.7C)	KC62.5	=
TB1	61	24+4.3	4F	78+	(082.7D)	KC62.5	CUMULATIVE FAULT INDICATION DEDUSTING FILTER
DI116	14	11613	4	78-	(082.7C)	KC62.5	=
TB1	61	24+4.3	4F	79+	(082.8D)	KC62.7	RUNNING INDICATION DEDUSTING FILTER
DI116	15	11614	4	79-	(082.8C)	KC62.7	=
TB1	61	24+4.3	4F	80+	(082.8D)	KC62.7	CUMULATIVE FAULT INDICATION DEDUSTING FILTER
DI116	16	11615	4	80-	(082.8C)	KC62.7	=
TB1	61	24+4.3	4F	81+	(083.3D)	KC62.8	RUNNING INDICATION DEDUSTING FILTER
RACK1SLOT 16	19	11616	4	81-	(083.3C)	KC62.8	=
TB1	61	24+4.3	4F	82+	(083.3D)	KC62.8	CUMULATIVE FAULT INDICATION DEDUSTING FILTER
RACK1SLOT 16	20	11617	4	82-	(083.3C)	KC62.8	=
TB1	61	24+4.3	4F	83+	(083.3D)	62A1-M	RUNNING INDICATION RECOVERED SLURRY DISSOLVING TANK
RACK1SLOT 16	21	11618	4	83-	(083.3C)	62A1-M	=
TB1	61	24+4.3	4F	84+	(083.4D)	62A1-M	CUMULATIVE FAULT INDICATION RECOVERED SLURRY DISSOLVING TANK
RACK1SLOT 16	22	11619	4	84-	(083.4C)	62A1-M	=
TB1	61	24+4.3	4F	85+	(083.4D)	62A2-M	RUNNING INDICATION RECOVERED SLURRY TANK
RACK1SLOT 16	23	11620	4	85-	(083.4C)	62A2-M	=
TB1	61	24+4.3	4F	86+	(083.4D)	62A2-M	CUMULATIVE FAULT INDICATION RECOVERED SLURRY TANK
RACK1SLOT 16	24	11621	4	86-	(083.4C)	62A2-M	=
TB1	61	24+4.3	4F	87+	(083.5D)	62F6-M	RUNNING INDICATION RECOVERED SLURRY FILTER
RACK1SLOT 16	25	11622	4	87-	(083.5C)	62F6-M	=
TB1	61	24+4.3	4F	88+	(083.5D)	62F6-M	CUMULATIVE FAULT INDICATION RECOVERED SLURRY FILTER
RACK1SLOT 16	26	11623	4	88-	(083.5C)	62F6-M	=
TB1	61	24+4.3	4F	89+	(083.6D)	62P1-M	RUNNING INDICATION RECOVERED SLURRY TRANSFER PUMP
RACK1SLOT 16	27	11624	4	89-	(083.6C)	62P1-M	=
TB1	61	24+4.3	4F	90+	(083.6D)	62P1-M	CUMULATIVE FAULT INDICATION RECOVERED SLURRY TRANSFER PUMP
RACK1SLOT 16	28	11625	4	90-	(083.6C)	62P1-M	=
TB1	61	24+4.3	4F	91+	(083.6D)	62A3-M	RUNNING INDICATION LIQUID DOSING VESSEL
RACK1SLOT 16	29	11626	4	91-	(083.6C)	62A3-M	=
TB1	61	24+4.3	4F	92+	(083.7D)	62A3-M	CUMULATIVE FAULT INDICATION LIQUID DOSING VESSEL
RACK1SLOT 16	30	11627	4	92-	(083.7C)	62A3-M	=
TB1	61	24+4.3	4F	93+	(083.7D)	KC62A3	CUMULATIVE FAULT INDICATION LOCAL PANEL FOR 62A3
RACK1SLOT 16	31	11628	4	93-	(083.7C)	KC62A3	=
TB1	61	24+4.3	4F	94+	(083.7D)	63A1A-M	RUNNING INDICATION SLURRY PREPARATOR
RACK1SLOT 16	32	11629	4	94-	(083.7C)	63A1A-M	=
TB1	61	24+4.3	4F	95+	(083.8D)	63A1A-M	CUMULATIVE FAULT INDICATION SLURRY PREPARATOR
RACK1SLOT 16	33	11630	4	95-	(083.8C)	63A1A-M	=

Terminal diagram

INTERNAL				Strip designation TB-MOT-DI		TAG NAME	FIELD EQUIPMENTS
Target des.	Conn	Tag	Section	Num.	Page		
TB1	61	24+4.3	4F	96+	(083.8D)	63A1B-M	RUNNING INDICATION SLURRY PREPARATOR
RACK1SLOT 16	34	11631	4	96-	(083.8C)	63A1B-M	=
TB1	62	24+4.4	4F	97+	(085.3D)	63A1B-M	CUMULATIVE FAULT INDICATION SLURRY PREPARATOR
DI201	1	20100	4	97-	(085.3C)	63A1B-M	=
TB1	62	24+4.4	4F	98+	(085.3D)	63A2-M	RUNNING INDICATION SLURRY AGEING UNIT
DI201	2	20101	4	98-	(085.3C)	63A2-M	=
TB1	62	24+4.4	4F	99+	(085.3D)	63A2-M	CUMULATIVE FAULT INDICATION SLURRY AGEING UNIT
DI201	3	20102	4	99-	(085.3C)	63A2-M	=
TB1	62	24+4.4	4F	100+	(085.4D)	63A3-M	RUNNING INDICATION RECOVERED SLURRY COLLECTING VESSEL
DI201	4	20103	4	100-	(085.4C)	63A3-M	=
TB1	62	24+4.4	4F	101+	(085.4D)	63A3-M	CUMULATIVE FAULT INDICATION RECOVERED SLURRY COLLECTING VESSEL
DI201	5	20104	4	101-	(085.4C)	63A3-M	=
TB1	62	24+4.4	4F	102+	(085.4D)	63K1-M	RUNNING INDICATION VAPORS SCRUBBING FAN
DI201	6	20105	4	102-	(085.4C)	63K1-M	=
TB1	62	24+4.4	4F	103+	(085.5D)	63K1-M	CUMULATIVE FAULT INDICATION VAPORS SCRUBBING FAN
DI201	7	20106	4	103-	(085.5C)	63K1-M	=
TB1	62	24+4.4	4F	104+	(085.5D)	63F2A-M	RUNNING INDICATION 1st SLURRY FEEDING FILTER
DI201	8	20107	4	104-	(085.5C)	63F2A-M	=
TB1	62	24+4.4	4F	105+	(085.6D)	63F2A-M	CUMULATIVE FAULT INDICATION 1st SLURRY FEEDING FILTER
DI201	9	20108	4	105-	(085.6C)	63F2A-M	=
TB1	62	24+4.4	4F	106+	(085.6D)	63F2B-M	RUNNING INDICATION 2nd SLURRY FEEDING FILTER
DI201	10	20109	4	106-	(085.6C)	63F2B-M	=
TB1	62	24+4.4	4F	107+	(085.6D)	63F2B-M	CUMULATIVE FAULT INDICATION 2nd SLURRY FEEDING FILTER
DI201	11	20110	4	107-	(085.6C)	63F2B-M	=
TB1	62	24+4.4	4F	108+	(085.7D)	63P2A-M	RUNNING INDICATION SLURRY BOOSTER PUMP
DI201	12	20111	4	108-	(085.7C)	63P2A-M	=
TB1	62	24+4.4	4F	109+	(085.7D)	63P2A-M	CUMULATIVE FAULT INDICATION SLURRY BOOSTER PUMP
DI201	13	20112	4	109-	(085.7C)	63P2A-M	=
TB1	62	24+4.4	4F	110+	(085.7D)	63P2B-M	RUNNING INDICATION SLURRY BOOSTER PUMP
DI201	14	20113	4	110-	(085.7C)	63P2B-M	=
TB1	62	24+4.4	4F	111+	(085.8D)	63P2B-M	CUMULATIVE FAULT INDICATION SLURRY BOOSTER PUMP
DI201	15	20114	4	111-	(085.8C)	63P2B-M	=
TB1	62	24+4.4	4F	112+	(085.8D)	63P3A-M	RUNNING INDICATION SLURRY FEEDING HIGH PRESSURE PUMP
DI201	16	20115	4	112-	(085.8C)	63P3A-M	=
TB1	62	24+4.4	4F	113+	(086.3D)	63P3A-M	CUMULATIVE FAULT INDICATION SLURRY FEEDING HIGH PRESSURE PUMP
RACK2SLOT 1	19	20116	4	113-	(086.3C)	63P3A-M	=
TB1	62	24+4.4	4F	114+	(086.3D)	63P3C-M	RUNNING INDICATION LUBRICATING OIL PUMP FOR H.P. PUMP
RACK2SLOT 1	20	20117	4	114-	(086.3C)	63P3C-M	=

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Terminal diagram

INTERNAL				Strip designation TB-MOT-DI		TAG NAME	FIELD EQUIPMENTS
Target des.	Conn	Tag	Section	Num.	Page		
TB1	62	24+4.4	4F	115+	(086.3D)	63P3C-M	CUMULATIVE FAULT INDICATION LUBRICATING OIL PUMP FOR H.P. PUMP
RACK2SLOT 1	21	20118	4	115-	(086.3C)	63P3C-M	=
TB1	62	24+4.4	4F	116+	(086.4D)	63P3B-M	RUNNING INDICATION SLURRY FEEDING HIGH PRESSURE PUMP
RACK2SLOT 1	22	20119	4	116-	(086.4C)	63P3B-M	=
TB1	62	24+4.4	4F	117+	(086.4D)	63P3B-M	CUMULATIVE FAULT INDICATION SLURRY FEEDING HIGH PRESSURE PUMP
RACK2SLOT 1	23	20120	4	117-	(086.4C)	63P3B-M	=
TB1	62	24+4.4	4F	118+	(086.4D)	63P3D-M	RUNNING INDICATION LUBRICATING OIL PUMP FOR H.P. PUMP
RACK2SLOT 1	24	20121	4	118-	(086.4C)	63P3D-M	=
TB1	62	24+4.4	4F	119+	(086.5D)	63P3D-M	CUMULATIVE FAULT INDICATION LUBRICATING OIL PUMP FOR H.P. PUMP
RACK2SLOT 1	25	20122	4	119-	(086.5C)	63P3D-M	=
TB1	62	24+4.4	4F	120+	(086.5D)	63P4A-M	RUNNING INDICATION HOMOGENIZING PUMP
RACK2SLOT 1	26	20123	4	120-	(086.5C)	63P4A-M	=
TB1	62	24+4.4	4F	121+	(086.6D)	63P4A-M	CUMULATIVE FAULT INDICATION HOMOGENIZING PUMP
RACK2SLOT 1	27	20124	4	121-	(086.6C)	63P4A-M	=
TB1	62	24+4.4	4F	122+	(086.6D)	63P4B-M	RUNNING INDICATION SLURRY HOMOGENIZING TRANSFER PUMP
RACK2SLOT 1	28	20125	4	122-	(086.6C)	63P4B-M	=
TB1	62	24+4.4	4F	123+	(086.6D)	63P4B-M	CUMULATIVE FAULT INDICATION SLURRY HOMOGENIZING TRANSFER PUMP
RACK2SLOT 1	29	20126	4	123-	(086.6C)	63P4B-M	=
TB1	62	24+4.4	4F	124+	(086.7D)	63P5-M	RUNNING INDICATION RECOVERED SLURRY TRANSFER PUMP
RACK2SLOT 1	30	20127	4	124-	(086.7C)	63P5-M	=
TB1	62	24+4.4	4F	125+	(086.7D)	63P5-M	CUMULATIVE FAULT INDICATION RECOVERED SLURRY TRANSFER PUMP
RACK2SLOT 1	31	20128	4	125-	(086.7C)	63P5-M	=
TB1	62	24+4.4	4F	126+	(086.7D)	63P6-M	RUNNING INDICATION RECOVERED WATER TRANSFER PUMP
RACK2SLOT 1	32	20129	4	126-	(086.7C)	63P6-M	=
TB1	62	24+4.4	4F	127+	(086.8D)	63P6-M	CUMULATIVE FAULT INDICATION RECOVERED WATER TRANSFER PUMP
RACK2SLOT 1	33	20130	4	127-	(086.8C)	63P6-M	=
TB1	62	24+4.4	4F	128+	(086.8D)	64K2-M	RUNNING INDICATION DRYING AIR FEEDING FAN
RACK2SLOT 1	34	20131	4	128-	(086.8C)	64K2-M	=
TB1	63	24+4.5	4F	129+	(087.3D)	64K2-M	CUMULATIVE FAULT INDICATION DRYING AIR FEEDING FAN
DI202	1	20200	4	129-	(087.3C)	64K2-M	=
TB1	63	24+4.5	4F	130+	(087.3D)	64K3-M	RUNNING INDICATION DRYING AIR EXTRACTION FAN
DI202	2	20201	4	130-	(087.3C)	64K3-M	=
TB1	63	24+4.5	4F	131+	(087.3D)	64K3-M	CUMULATIVE FAULT INDICATION DRYING AIR EXTRACTION FAN
DI202	3	20202	4	131-	(087.3C)	64K3-M	=
TB1	63	24+4.5	4F	132+	(087.4D)	64K4-M	RUNNING INDICATION AIR LIFT FAN
DI202	4	20203	4	132-	(087.4C)	64K4-M	=
TB1	63	24+4.5	4F	133+	(087.4D)	64K4-M	CUMULATIVE FAULT INDICATION AIR LIFT FAN
DI202	5	20204	4	133-	(087.4C)	64K4-M	=

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INTERNAL				Strip designation TB-MOT-DI		TAG NAME	FIELD EQUIPMENTS
Target des.	Conn	Tag	Section	Num.	Page		
TB1	63	24+4.5	4F	134+	(087.4D)	64N1-M	RUNNING INDICATION AIR LIFT FEEDING BELT
DI202	6	20205	4	134-	(087.4C)	64N1-M	=
TB1	63	24+4.5	4F	135+	(087.5D)	64N1-M	CUMULATIVE FAULT INDICATION AIR LIFT FEEDING BELT
DI202	7	20206	4	135-	(087.5C)	64N1-M	=
TB1	63	24+4.5	4F	136+	(087.5D)	64P1-M	RUNNING INDICATION FIRE FIGHTING PUMP
DI202	8	20207	4	136-	(087.5C)	64P1-M	=
TB1	63	24+4.5	4F	137+	(087.6D)	64P1-M	CUMULATIVE FAULT INDICATION FIRE FIGHTING PUMP
DI202	9	20208	4	137-	(087.6C)	64P1-M	=
TB1	63	24+4.5	4F	138+	(087.6D)	64W3-M	RUNNING INDICATION UP
DI202	10	20209	4	138-	(087.6C)	64W3-M	=
TB1	63	24+4.5	4F	139+	(087.6D)	64W3-M	RUNNING INDICATION DOWN
DI202	11	20210	4	139-	(087.6C)	64W3-M	=
TB1	63	24+4.5	4F	140+	(087.7D)	64W3-M	CUMULATIVE FAULT INDICATION
DI202	12	20211	4	140-	(087.7C)	64W3-M	=
TB1	63	24+4.5	4F	141+	(087.7D)	64V9-M	RUNNING INDICATION HOPPER FOR WEIGHING BELT 64WG2
DI202	13	20212	4	141-	(087.7C)	64V9-M	=
TB1	63	24+4.5	4F	142+	(087.7D)	64V9-M	CUMULATIVE FAULT INDICATION HOPPER FOR WEIGHING BELT 64WG2
DI202	14	20213	4	142-	(087.7C)	64V9-M	=
TB1	63	24+4.5	4F	143+	(087.8D)	64SR1-M	RUNNING INDICATION DETERGENT POWDER VIBRATING SIEVE
DI202	15	20214	4	143-	(087.8C)	64SR1-M	=
TB1	63	24+4.5	4F	144+	(087.8D)	64SR1-M	CUMULATIVE FAULT INDICATION DETERGENT POWDER VIBRATING SIEVE
DI202	16	20215	4	144-	(087.8C)	64SR1-M	=
TB1	63	24+4.5	4F	145+	(088.3D)	64WG2-M	RUNNING INDICATION DETERGENT POWDER PROPORTIONING BELT
RACK2SLOT 2	19	20216	4	145-	(088.3C)	64WG2-M	=
TB1	63	24+4.5	4F	146+	(088.3D)	64WG2-M	CUMULATIVE FAULT INDICATION DETERGENT POWDER PROPORTIONING BELT
RACK2SLOT 2	20	20217	4	146-	(088.3C)	64WG2-M	=
TB1	63	24+4.5	4F	147+	(088.3D)	64W4-M	RUNNING INDICATION TOWER BOTTOM CONE CLEANING SYSTEM
RACK2SLOT 2	21	20218	4	147-	(088.3C)	64W4-M	=
TB1	63	24+4.5	4F	148+	(088.4D)	64W4-M	CUMULATIVE FAULT INDICATION TOWER BOTTOM CONE CLEANING SYSTEM
RACK2SLOT 2	22	20219	4	148-	(088.4C)	64W4-M	=
TB1	63	24+4.5	4F	149+	(088.4D)	KC64.1	RUNNING INDICATION DRYING AIR DEDUSTING FILTER
RACK2SLOT 2	23	20220	4	149-	(088.4C)	KC64.1	=
TB1	63	24+4.5	4F	150+	(088.4D)	KC64.1	CUMULATIVE FAULT INDICATION DRYING AIR DEDUSTING FILTER
RACK2SLOT 2	24	20221	4	150-	(088.4C)	KC64.1	=
TB1	63	24+4.5	4F	151+	(088.5D)	KC64.2	RUNNING INDICATION AIR LIFT DEDUSTING FILTER
RACK2SLOT 2	25	20222	4	151-	(088.5C)	KC64.2	=
TB1	63	24+4.5	4F	152+	(088.5D)	KC64.2	CUMULATIVE FAULT INDICATION AIR LIFT DEDUSTING FILTER
RACK2SLOT 2	26	20223	4	152-	(088.5C)	KC64.2	=

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Target des.	Conn	Tag	Section	Num.	Page		
TB1	63	24+4.5	4F	153+	(088.6D)	BK64.1	RUNNING INDICATION LOCAL PANEL FOR BURNER
RACK2SLOT 2	27	20224	4	153-	(088.6C)	BK64.1	=
TB1	63	24+4.5	4F	154+	(088.6D)	BK64.1	CUMULATIVE FAULT INDICATION/SHUT DOWN INDICATION LOCAL PANEL FOR BURNER
RACK2SLOT 2	28	20225	4	154-	(088.6C)	BK64.1	=
TB1	63	24+4.5	4F	155+	(088.6D)	64K5-M	RUNNING INDICATION DEDUSTING FILTER FAN
RACK2SLOT 2	29	20226	4	155-	(088.6C)	64K5-M	=
TB1	63	24+4.5	4F	156+	(088.7D)	64K5-M	CUMULATIVE FAULT INDICATION DEDUSTING FILTER FAN
RACK2SLOT 2	30	20227	4	156-	(088.7C)	64K5-M	=
TB1	63	24+4.5	4F	157+	(088.7D)	64K6-M	RUNNING INDICATION PNEUMATIC TRANSPORT BLOWER
RACK2SLOT 2	31	20228	4	157-	(088.7C)	64K6-M	=
TB1	63	24+4.5	4F	158+	(088.7D)	64K6-M	CUMULATIVE FAULT INDICATION PNEUMATIC TRANSPORT BLOWER
RACK2SLOT 2	32	20229	4	158-	(088.7C)	64K6-M	=
TB1	63	24+4.5	4F	159+	(088.8D)	64K7-M	RUNNING INDICATION PNEUMATIC TRANSPORT BLOWER
RACK2SLOT 2	33	20230	4	159-	(088.8C)	64K7-M	=
TB1	63	24+4.5	4F	160+	(088.8D)	64K7-M	CUMULATIVE FAULT INDICATION PNEUMATIC TRANSPORT BLOWER
RACK2SLOT 2	34	20231	4	160-	(088.8C)	64K7-M	=
TB1	64	24+4.6	4F	161+	(089.3D)	64SR2A	INSERT FROM 90.CCS.1 BIN ACTIVATOR
DI203	1	20300	4	161-	(089.3C)	64SR2A	=
TB1	64	24+4.6	4F	162+	(089.3D)	64SR2B	=
DI203	2	20301	4	162-	(089.3C)	64SR2B	=
TB1	64	24+4.6	4F	163+	(089.3D)	64Z1-M	RUNNING INDICATION SULPHATE ROTARY VALVE
DI203	3	20302	4	163-	(089.3C)	64Z1-M	=
TB1	64	24+4.6	4F	164+	(089.4D)	64Z1-M	CUMULATIVE FAULT INDICATION SULPHATE ROTARY VALVE
DI203	4	20303	4	164-	(089.4C)	64Z1-M	=
TB1	64	24+4.6	4F	165+	(089.4D)	64Z2-M	RUNNING INDICATION SULPHATE ROTARY VALVE
DI203	5	20304	4	165-	(089.4C)	64Z2-M	=
TB1	64	24+4.6	4F	166+	(089.4D)	64Z2-M	CUMULATIVE FAULT INDICATION SULPHATE ROTARY VALVE
DI203	6	20305	4	166-	(089.4C)	64Z2-M	=
TB1	64	24+4.6	4F	167+	(089.5D)	64WG3-M	RUNNING INDICATION ZEOLITE WEIGHING BELT
DI203	7	20306	4	167-	(089.5C)	64WG3-M	=
TB1	64	24+4.6	4F	168+	(089.5D)	64WG3-M	CUMULATIVE FAULT INDICATION ZEOLITE WEIGHING BELT
DI203	8	20307	4	168-	(089.5C)	64WG3-M	=
TB1	64	24+4.6	4F	169+	(089.6D)	64WG4-M	RUNNING INDICATION ZEOLITE WEIGHING BELT
DI203	9	20308	4	169-	(089.6C)	64WG4-M	=
TB1	64	24+4.6	4F	170+	(089.6D)	64WG4-M	CUMULATIVE FAULT INDICATION ZEOLITE WEIGHING BELT
DI203	10	20309	4	170-	(089.6C)	64WG4-M	=
TB1	64	24+4.6	4F	171+	(089.6D)	KC64.3	RUNNING INDICATION DEDUSTING FILTER
DI203	11	20310	4	171-	(089.6C)	KC64.3	=

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TB1	64	24+4.6	4F	172+	(089.7D)	KC64.3	CUMULATIVE FAULT INDICATION DEDUSTING FILTER
DI203	12	20311	4	172-	(089.7C)	KC64.3	=
TB1	64	24+4.6	4F	173+	(089.7D)	65K1-M	RUNNING INDICATION DEDUSTING FILTER FAN
DI203	13	20312	4	173-	(089.7C)	65K1-M	=
TB1	64	24+4.6	4F	174+	(089.7D)	65K1-M	CUMULATIVE FAULT INDICATION DEDUSTING FILTER FAN
DI203	14	20313	4	174-	(089.7C)	65K1-M	=
TB1	64	24+4.6	4F	175+	(089.8D)	65MX1-M	RUNNING INDICATION DETERGENT POWDER ROTATING MIXER
DI203	15	20314	4	175-	(089.8C)	65MX1-M	=
TB1	64	24+4.6	4F	176+	(089.8D)	65MX1-M	CUMULATIVE FAULT INDICATION DETERGENT POWDER ROTATING MIXER
DI203	16	20315	4	176-	(089.8C)	65MX1-M	=
TB1	64	24+4.6	4F	177+	(090.3D)	65N1-M	RUNNING INDICATION FEEDING BELT
RACK2SLOT 3	19	20316	4	177-	(090.3C)	65N1-M	=
TB1	64	24+4.6	4F	178+	(090.3D)	65N1-M	CUMULATIVE FAULT INDICATION FEEDING BELT
RACK2SLOT 3	20	20317	4	178-	(090.3C)	65N1-M	=
TB1	64	24+4.6	4F	179+	(090.3D)	65P1-M	RUNNING INDICATION NONIONIC / PERFUME DOSING PUMP
RACK2SLOT 3	21	20318	4	179-	(090.3C)	65P1-M	=
TB1	64	24+4.6	4F	180+	(090.4D)	65P1-M	CUMULATIVE FAULT INDICATION NONIONIC / PERFUME DOSING PUMP
RACK2SLOT 3	22	20319	4	180-	(090.4C)	65P1-M	=
TB1	64	24+4.6	4F	181+	(090.4D)	65Z1-M	RUNNING INDICATION DEDUSTING FILTER ROTARY VALVE
RACK2SLOT 3	23	20320	4	181-	(090.4C)	65Z1-M	=
TB1	64	24+4.6	4F	182+	(090.4D)	65Z1-M	CUMULATIVE FAULT INDICATION DEDUSTING FILTER ROTARY VALVE
RACK2SLOT 3	24	20321	4	182-	(090.4C)	65Z1-M	=
TB1	64	24+4.6	4F	183+	(090.5D)	65WG1-M	READY INDICATION ADDITIONAL SOLID PROPORTIONING BELT
RACK2SLOT 3	25	20322	4	183-	(090.5C)	65WG1-M	=
TB1	64	24+4.6	4F	184+	(090.5D)	65WG1-M	CUMULATIVE FAULT INDICATION ADDITIONAL SOLID PROPORTIONING BELT
RACK2SLOT 3	26	20323	4	184-	(090.5C)	65WG1-M	=
TB1	64	24+4.6	4F	185+	(090.6D)	65WG2-M	READY INDICATION SODIUM PERBORATE PROPORTIONING BELT
RACK2SLOT 3	27	20324	4	185-	(090.6C)	65WG2-M	=
TB1	64	24+4.6	4F	186+	(090.6D)	65WG2-M	CUMULATIVE FAULT INDICATION SODIUM PERBORATE PROPORTIONING BELT
RACK2SLOT 3	28	20325	4	186-	(090.6C)	65WG2-M	=
TB1	64	24+4.6	4F	187+	(090.6D)	65WG3-M	READY INDICATION SPECKLES LOSS IN WEIGHT
RACK2SLOT 3	29	20326	4	187-	(090.6C)	65WG3-M	=
TB1	64	24+4.6	4F	188+	(090.7D)	65WG3-M	CUMULATIVE FAULT INDICATION SPECKLES LOSS IN WEIGHT
RACK2SLOT 3	30	20327	4	188-	(090.7C)	65WG3-M	=
TB1	64	24+4.6	4F	189+	(090.7D)	65N2-M	RUNNING INDICATION DEDUSTING FILTER ROTARY VALVE
RACK2SLOT 3	31	20328	4	189-	(090.7C)	65N2-M	=
TB1	64	24+4.6	4F	190+	(090.7D)	65N2-M	CUMULATIVE FAULT INDICATION DEDUSTING FILTER ROTARY VALVE
RACK2SLOT 3	32	20329	4	190-	(090.7C)	65N2-M	=

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INTERNAL				Strip designation TB-MOT-DI		TAG NAME	FIELD EQUIPMENTS
Target des.	Conn	Tag	Section	Num.	Page		
TB1	64	24+4.6	4F	191+	(090.8D)	65WG8-M	READY INDICATION ADDITIONAL SOLID PROPORTIONING BELT
RACK2SLOT 3	33	20330	4	191-	(090.8C)	65WG8-M	=
TB1	64	24+4.6	4F	192+	(090.8D)	65WG8-M	CUMULATIVE FAULT INDICATION ADDITIONAL SOLID PROPORTIONING BELT
RACK2SLOT 3	34	20331	4	192-	(090.8C)	65WG8-M	=
TB1	65	24+4.7	4F	193+	(091.3D)	65WG4-M	READY INDICATION ENZYME LOSS IN WEIGHT
DI204	1	20400	4	193-	(091.3C)	65WG4-M	=
TB1	65	24+4.7	4F	194+	(091.3D)	65WG4-M	CUMULATIVE FAULT INDICATION ENZYME LOSS IN WEIGHT
DI204	2	20401	4	194-	(091.3C)	65WG4-M	=
TB1	65	24+4.7	4F	195+	(091.3D)	KC65.1	RUNNING INDICATION POST BLENDING DEDUSTING FILTER
DI204	3	20402	4	195-	(091.3C)	KC65.1	=
TB1	65	24+4.7	4F	196+	(091.4D)	KC65.1	CUMULATIVE FAULT INDICATION POST BLENDING DEDUSTING FILTER
DI204	4	20403	4	196-	(091.4C)	KC65.1	=
TB1	65	24+4.7	4F	197+	(091.4D)	65WG9-M	READY INDICATION ADDITIONAL SOLID LOSS IN WEIGHT
DI204	5	20404	4	197-	(091.4C)	65WG9-M	=
TB1	65	24+4.7	4F	198+	(091.4D)	65WG9-M	CUMULATIVE FAULT INDICATION ADDITIONAL SOLID LOSS IN WEIGHT
DI204	6	20405	4	198-	(091.4C)	65WG9-M	=
TB1	65	24+4.7	4F	199+	(091.5D)	65WG7-M	READY INDICATION ADDITIONAL SOLID PROPORTIONING BELT
DI204	7	20406	4	199-	(091.5C)	65WG7-M	=
TB1	65	24+4.7	4F	200+	(091.5D)	65WG7-M	CUMULATIVE FAULT INDICATION ADDITIONAL SOLID PROPORTIONING BELT
DI204	8	20407	4	200-	(091.5C)	65WG7-M	=
TB1	65	24+4.7	4F	201+	(091.6D)	65WG5-M	READY INDICATION CMC LOSS IN WEIGHT
DI204	9	20408	4	201-	(091.6C)	65WG5-M	=
TB1	65	24+4.7	4F	202+	(091.6D)	65WG5-M	CUMULATIVE FAULT INDICATION CMC LOSS IN WEIGHT
DI204	10	20409	4	202-	(091.6C)	65WG5-M	=
TB1	65	24+4.7	4F	203+	(091.6D)	65WG10-M	READY INDICATION O.B.LOSS IN WEIGHT
DI204	11	20410	4	203-	(091.6C)	65WG10-M	=
TB1	65	24+4.7	4F	204+	(091.7D)	65WG10-M	CUMULATIVE FAULT INDICATION O.B.LOSS IN WEIGHT
DI204	12	20411	4	204-	(091.7C)	65WG10-M	=
TB1	65	24+4.7	4F	205+	(091.7D)	65K3-M	RUNNING INDICATION DEDUSTING FILTER FAN
DI204	13	20412	4	205-	(091.7C)	65K3-M	=
TB1	65	24+4.7	4F	206+	(091.7D)	65K3-M	CUMULATIVE FAULT INDICATION DEDUSTING FILTER FAN
DI204	14	20413	4	206-	(091.7C)	65K3-M	=
TB1	65	24+4.7	4F	207+	(091.8D)	65N5-M	RUNNING INDICATION FEEDING BELT
DI204	15	20414	4	207-	(091.8C)	65N5-M	=
TB1	65	24+4.7	4F	208+	(091.8D)	65N5-M	CUMULATIVE FAULT INDICATION FEEDING BELT
DI204	16	20415	4	208-	(091.8C)	65N5-M	=
TB1	65	24+4.7	4F	209+	(092.3D)	65N6-M	RUNNING INDICATION RIGHT PACKAGING SILOS FEEDING BELT
RACK2SLOT 4	19	20416	4	209-	(092.3C)	65N6-M	=

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Target des.	Conn	Tag	Section	Num.	Page		
TB1	65	24+4.7	4F	210+	(092.3D)	65N6-M	RUNNING INDICATION LEFT PACKAGING SILOS FEEDING BELT
RACK2SLOT 4	20	20417	4	210-	(092.3C)	65N6-M	=
TB1	65	24+4.7	4F	211+	(092.3D)	65N6-M	CUMULATIVE FAULT INDICATION PACKAGING SILOS FEEDING BELT
RACK2SLOT 4	21	20418	4	211-	(092.3C)	65N6-M	=
TB1	65	24+4.7	4F	212+	(092.4D)	65N7-M	RUNNING INDICATION PACKAGING SILOS FEEDING BELT
RACK2SLOT 4	22	20419	4	212-	(092.4C)	65N7-M	=
TB1	65	24+4.7	4F	213+	(092.4D)	65N7-M	CUMULATIVE FAULT INDICATION PACKAGING SILOS FEEDING BELT
RACK2SLOT 4	23	20420	4	213-	(092.4C)	65N7-M	=
TB1	65	24+4.7	4F	214+	(092.4D)	KC65.3	RUNNING INDICATION DEDUSTING FILTER FAN
RACK2SLOT 4	24	20421	4	214-	(092.4C)	KC65.3	=
TB1	65	24+4.7	4F	215+	(092.5D)	KC65.3	CUMULATIVE FAULT INDICATION DEDUSTING FILTER FAN
RACK2SLOT 4	25	20422	4	215-	(092.5C)	KC65.3	=
TB1	65	24+4.7	4F	216+	(092.5D)	WK62.1	AUTOM. CONT. INS. OR FAILURE 62WG1
RACK2SLOT 4	26	20423	4	216-	(092.5C)	WK62.1	=
TB1	65	24+4.7	4F	217+	(092.6D)	KC62.11A	INSERT FROM 90.CCS.1 62WG1
RACK2SLOT 4	27	20424	4	217-	(092.6C)	KC62.11A	=
TB1	65	24+4.7	4F	218+	(092.6D)	WK62A3	AUTOM. CONT. INS. 62A3
RACK2SLOT 4	28	20425	4	218-	(092.6C)	WK62A3	=
TB1	65	24+4.7	4F	219+	(092.6D)	WK62.3	AUTOM. CONT. INS. OR FAILURE 62WG3
RACK2SLOT 4	29	20426	4	219-	(092.6C)	WK62.3	=
TB1	65	24+4.7	4F	220+	(092.7D)	WKP62.4	AUTOM. CONT. INS. OR FAILURE 62WG4
RACK2SLOT 4	30	20427	4	220-	(092.7C)	WKP62.4	=
TB1	65	24+4.7	4F	221+	(092.7D)	62CL8-M	RUNNING INDICATION HIGH SPEED MINORS EXTRACTION SREW
RACK2SLOT 4	31	20428	4	221-	(092.7C)	62CL8-M	=
TB1	65	24+4.7	4F	222+	(092.7D)	62CL8-M	RUNNING INDICATION LOW SPEED MINORS EXTRACTION SREW
RACK2SLOT 4	32	20429	4	222-	(092.7C)	62CL8-M	=
TB1	65	24+4.7	4F	223+	(092.8D)	62CL8-M	CUMULATIVE FAULT INDICATION MINORS EXTRACTION SREW
RACK2SLOT 4	33	20430	4	223-	(092.8C)	62CL8-M	=
TB1	65	24+4.7	4F	224+	(092.8D)	SPARE	SPARE MOTOR
RACK2SLOT 4	34	20431	4	224-	(092.8C)	SPARE	=
TB1	66	24+4.8	4F	225+	(093.3D)	SPARE	=
DI205	1	20500	4	225-	(093.3C)	SPARE	=
TB1	66	24+4.8	4F	226+	(093.3D)	SPARE	=
DI205	2	20501	4	226-	(093.3C)	SPARE	=
TB1	66	24+4.8	4F	227+	(093.3D)	SPARE	=
DI205	3	20502	4	227-	(093.3C)	SPARE	=
TB1	66	24+4.8	4F	228+	(093.4D)	SPARE	=
DI205	4	20503	4	228-	(093.4C)	SPARE	=

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Terminal diagram

INTERNAL				Strip designation TB-MOT-DI		TAG NAME	FIELD EQUIPMENTS
Target des.	Conn	Tag	Section	Num.	Page		
TB1	66	24+4.8	4F	229+	(093.4D)	SPARE	SPARE MOTOR
DI205	5	20504	4	229-	(093.4C)	SPARE	=
TB1	66	24+4.8	4F	230+	(093.4D)	SPARE	=
DI205	6	20505	4	230-	(093.4C)	SPARE	=
TB1	66	24+4.8	4F	231+	(093.5D)	SPARE	=
DI205	7	20506	4	231-	(093.5C)	SPARE	=
TB1	66	24+4.8	4F	232+	(093.5D)	SPARE	=
DI205	8	20507	4	232-	(093.5C)	SPARE	=
TB1	66	24+4.8	4F	233+	(093.6D)	SPARE	=
DI205	9	20508	4	233-	(093.6C)	SPARE	=
TB1	66	24+4.8	4F	234+	(093.6D)	SPARE	=
DI205	10	20509	4	234-	(093.6C)	SPARE	=
TB1	66	24+4.8	4F	235+	(093.6D)	SPARE	=
DI205	11	20510	4	235-	(093.6C)	SPARE	=
TB1	66	24+4.8	4F	236+	(093.7D)	SPARE	=
DI205	12	20511	4	236-	(093.7C)	SPARE	=
TB1	66	24+4.8	4F	237+	(093.7D)	SPARE	=
DI205	13	20512	4	237-	(093.7C)	SPARE	=
TB1	66	24+4.8	4F	238+	(093.7D)	SPARE	=
DI205	14	20513	4	238-	(093.7C)	SPARE	=
TB1	66	24+4.8	4F	239+	(093.8D)	SPARE	=
DI205	15	20514	4	239-	(093.8C)	SPARE	=
TB1	66	24+4.8	4F	240+	(093.8D)	SPARE	=
DI205	16	20515	4	240-	(093.8C)	SPARE	=
TB1	66	24+4.8	4F	241+	(094.3D)	SPARE	=
RACK2SLOT 5	19	20516	4	241-	(094.3C)	SPARE	=
TB1	66	24+4.8	4F	242+	(094.3D)	SPARE	=
RACK2SLOT 5	20	20517	4	242-	(094.3C)	SPARE	=
TB1	66	24+4.8	4F	243+	(094.3D)	SPARE	=
RACK2SLOT 5	21	20518	4	243-	(094.3C)	SPARE	=
TB1	66	24+4.8	4F	244+	(094.4D)	SPARE	=
RACK2SLOT 5	22	20519	4	244-	(094.4C)	SPARE	=
TB1	66	24+4.8	4F	245+	(094.4D)	SPARE	=
RACK2SLOT 5	23	20520	4	245-	(094.4C)	SPARE	=
TB1	66	24+4.8	4F	246+	(094.4D)	SPARE	=
RACK2SLOT 5	24	20521	4	246-	(094.4C)	SPARE	=
TB1	66	24+4.8	4F	247+	(094.5D)	SPARE	=
RACK2SLOT 5	25	20522	4	247-	(094.5C)	SPARE	=

Terminal diagram

INTERNAL				Strip designation TB-MOT-DI		TAG NAME	FIELD EQUIPMENTS
Target des.	Conn	Tag	Section	Num.	Page		
TB1	66	24+4.8	4F	248+	(094.5D)	SPARE	SPARE MOTOR
RACK2SLOT 5	26	20523	4	248-	(094.5C)	SPARE	=
TB1	66	24+4.8	4F	249+	(094.6D)	SPARE	=
RACK2SLOT 5	27	20524	4	249-	(094.6C)	SPARE	=
TB1	66	24+4.8	4F	250+	(094.6D)	SPARE	=
RACK2SLOT 5	28	20525	4	250-	(094.6C)	SPARE	=
TB1	66	24+4.8	4F	251+	(094.6D)	SPARE	=
RACK2SLOT 5	29	20526	4	251-	(094.6C)	SPARE	=
TB1	66	24+4.8	4F	252+	(094.7D)	SPARE	=
RACK2SLOT 5	30	20527	4	252-	(094.7C)	SPARE	=
TB1	66	24+4.8	4F	253+	(094.7D)	SPARE	=
RACK2SLOT 5	31	20528	4	253-	(094.7C)	SPARE	=
TB1	66	24+4.8	4F	254+	(094.7D)	SPARE	=
RACK2SLOT 5	32	20529	4	254-	(094.7C)	SPARE	=
TB1	66	24+4.8	4F	255+	(094.8D)	SPARE	=
RACK2SLOT 5	33	20530	4	255-	(094.8C)	SPARE	=
TB1	66	24+4.8	4F	256+	(094.8D)	SPARE	=
RACK2SLOT 5	34	20531	4	256-	(094.8C)	SPARE	=

Terminal diagram

INTERNAL				Strip designation TB-MOT-DO		TAG NAME	FIELD EQUIPMENTS
Target des.	Conn	Tag	Section	Num.	Page		
R00200	12			R00200	(030.3C)	62CL1-M	START HIGH SPEED SODIUM SULPHATE EXTRACTION SCREW
R00200	14			R00200	(030.3C)	62CL1-M	=
R00200	11			R00200	(030.3C)	62CL1-M	=
R00201	12			R00201	(030.4C)	62CL1-M	START LOW SPEED SODIUM SULPHATE EXTRACTION SCREW
R00201	14			R00201	(030.4C)	62CL1-M	=
R00201	11			R00201	(030.4C)	62CL1-M	=
R00202	12			R00202	(030.4C)	62CL1-M	STOP SODIUM SULPHATE EXTRACTION SCREW
R00202	14			R00202	(030.4C)	62CL1-M	=
R00202	11			R00202	(030.4C)	62CL1-M	=
R00203	12			R00203	(030.5C)	62CL2-M	START HIGH SPEED SODIUM CARBONATE EXTRACTION SCREW
R00203	14			R00203	(030.5C)	62CL2-M	=
R00203	11			R00203	(030.5C)	62CL2-M	=
R00204	12			R00204	(030.6C)	62CL2-M	START LOW SPEED SODIUM CARBONATE EXTRACTION SCREW
R00204	14			R00204	(030.6C)	62CL2-M	=
R00204	11			R00204	(030.6C)	62CL2-M	=
R00205	12			R00205	(030.7C)	62CL2-M	STOP SODIUM CARBONATE EXTRACTION SCREW
R00205	14			R00205	(030.7C)	62CL2-M	=
R00205	11			R00205	(030.7C)	62CL2-M	=
R00206	12			R00206	(030.7C)	62CL3-M	START HIGH SPEED STPP EXTRACTION SCREW
R00206	14			R00206	(030.8C)	62CL3-M	=
R00206	11			R00206	(030.8C)	62CL3-M	=
R00207	12			R00207	(030.8C)	62CL3-M	START LOW SPEED STPP EXTRACTION SCREW
R00207	14			R00207	(030.8C)	62CL3-M	=
R00207	11			R00207	(030.8C)	62CL3-M	=
R00208	12			R00208	(031.3C)	62CL3-M	STOP STPP EXTRACTION SCREW
R00208	14			R00208	(031.3C)	62CL3-M	=
R00208	11			R00208	(031.3C)	62CL3-M	=
R00209	12			R00209	(031.4C)	62A1/B-M	START RECOVERED SLURRY DISSOLVING TANK
R00209	14			R00209	(031.4C)	62A1/B-M	=
R00209	11			R00209	(031.4C)	62A1/B-M	=
R00210	12			R00210	(031.4C)	62A1/B-M	STOP RECOVERED SLURRY DISSOLVING TANK
R00210	14			R00210	(031.4C)	62A1/B-M	=
R00210	11			R00210	(031.4C)	62A1/B-M	=
R00211	12			R00211	(031.5C)	62CL4-M	START HIGH SPEED ZEOLITE EXTRACTION SCREW
R00211	14			R00211	(031.5C)	62CL4-M	=
R00211	11			R00211	(031.5C)	62CL4-M	=
R00212	12			R00212	(031.6C)	62CL4-M	START LOW SPEED ZEOLITE EXTRACTION SCREW
R00212	14			R00212	(031.6C)	62CL4-M	=

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0	ISSUE FOR APPROVAL	TIE	18/05/2012		

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Target des.	Conn	Tag	Section	Num.	Page		
R00212	11			R00212	(031.6C)	62CL4-M	START LOW SPEED ZEOLITE EXTRACTION SCREW
R00213	12			R00213	(031.7C)	62CL4-M	STOP ZEOLITE EXTRACTION SCREW
R00213	14			R00213	(031.7C)	62CL4-M	=
R00213	11			R00213	(031.7C)	62CL4-M	=
R00214	12			R00214	(031.7C)	62CL5-M	START CMC EXTRACTION SCREW
R00214	14			R00214	(031.8C)	62CL5-M	=
R00214	11			R00214	(031.8C)	62CL5-M	=
R00215	12			R00215	(031.8C)	62CL5-M	STOP CMC EXTRACTION SCREW
R00215	14			R00215	(031.8C)	62CL5-M	=
R00215	11			R00215	(031.8C)	62CL5-M	=
R00216	12			R00216	(032.3C)	62CL6-M	START SOLID DISCHARGING SCREW
R00216	14			R00216	(032.3C)	62CL6-M	=
R00216	11			R00216	(032.3C)	62CL6-M	=
R00217	12			R00217	(032.4C)	62CL6-M	STOP SOLID DISCHARGING SCREW
R00217	14			R00217	(032.4C)	62CL6-M	=
R00217	11			R00217	(032.4C)	62CL6-M	=
R00218	12			R00218	(032.4C)	62CL6A-M	START MINOR SOLID DISCHARGING SCREW
R00218	14			R00218	(032.4C)	62CL6A-M	=
R00218	11			R00218	(032.4C)	62CL6A-M	=
R00219	12			R00219	(032.5C)	62CL6A-M	STOP MINOR SOLID DISCHARGING SCREW
R00219	14			R00219	(032.5C)	62CL6A-M	=
R00219	11			R00219	(032.5C)	62CL6A-M	=
R00220	12			R00220	(032.6C)	62P1/B-M	START RECOVERED SLURRY TRANSFER PUMP
R00220	14			R00220	(032.6C)	62P1/B-M	=
R00220	11			R00220	(032.6C)	62P1/B-M	=
R00221	12			R00221	(032.7C)	62P1/B-M	STOP RECOVERED SLURRY TRANSFER PUMP
R00221	14			R00221	(032.7C)	62P1/B-M	=
R00221	11			R00221	(032.7C)	62P1/B-M	=
R00222	12			R00222	(032.7C)	62CL7-M	START OPTICAL BRIGHTENER EXTRACTION SCREW
R00222	14			R00222	(032.8C)	62CL7-M	=
R00222	11			R00222	(032.8C)	62CL7-M	=
R00223	12			R00223	(032.8C)	62CL7-M	STOP OPTICAL BRIGHTENER EXTRACTION SCREW
R00223	14			R00223	(032.8C)	62CL7-M	=
R00223	11			R00223	(032.8C)	62CL7-M	=
R00224	12			R00224	(033.3C)	62K1-M	START DEDUSTING FILTER FAN
R00224	14			R00224	(033.3C)	62K1-M	=
R00224	11			R00224	(033.3C)	62K1-M	=
R00225	12			R00225	(033.4C)	62K1-M	STOP DEDUSTING FILTER FAN

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Terminal diagram

INTERNAL				Strip designation TB-MOT-DO		TAG NAME	FIELD EQUIPMENTS
Target des.	Conn	Tag	Section	Num.	Page		
R00225	14			R00225	(033.4C)	62K1-M	STOP DEDUSTING FILTER FAN
R00225	11			R00225	(033.4C)	62K1-M	=
R00226	12			R00226	(033.4C)	62K2-M	START DEDUSTING FILTER FAN
R00226	14			R00226	(033.4C)	62K2-M	=
R00226	11			R00226	(033.4C)	62K2-M	=
R00227	12			R00227	(033.5C)	62K2-M	STOP DEDUSTING FILTER FAN
R00227	14			R00227	(033.5C)	62K2-M	=
R00227	11			R00227	(033.5C)	62K2-M	=
R00228	12			R00228	(033.6C)	62K3-M	START DEDUSTING FILTER FAN
R00228	14			R00228	(033.6C)	62K3-M	=
R00228	11			R00228	(033.6C)	62K3-M	=
R00229	12			R00229	(033.7C)	62K3-M	STOP DEDUSTING FILTER FAN
R00229	14			R00229	(033.7C)	62K3-M	=
R00229	11			R00229	(033.7C)	62K3-M	=
R00230	12			R00230	(033.7C)	62K4-M	START DEDUSTING FILTER FAN
R00230	14			R00230	(033.8C)	62K4-M	=
R00230	11			R00230	(033.8C)	62K4-M	=
R00231	12			R00231	(033.8C)	62K4-M	STOP DEDUSTING FILTER FAN
R00231	14			R00231	(033.8C)	62K4-M	=
R00231	11			R00231	(033.8C)	62K4-M	=
R00300	12			R00300	(034.3C)	SPARE	SPARE MOTOR
R00300	14			R00300	(034.3C)	SPARE	=
R00300	11			R00300	(034.3C)	SPARE	=
R00301	12			R00301	(034.4C)	SPARE	=
R00301	14			R00301	(034.4C)	SPARE	=
R00301	11			R00301	(034.4C)	SPARE	=
R00302	12			R00302	(034.4C)	62K5-M	START DEDUSTING FILTER FAN
R00302	14			R00302	(034.4C)	62K5-M	=
R00302	11			R00302	(034.4C)	62K5-M	=
R00303	12			R00303	(034.5C)	62K5-M	STOP DEDUSTING FILTER FAN
R00303	14			R00303	(034.5C)	62K5-M	=
R00303	11			R00303	(034.5C)	62K5-M	=
R00304	12			R00304	(034.6C)	62K7-M	START DEDUSTING FILTER FAN
R00304	14			R00304	(034.6C)	62K7-M	=
R00304	11			R00304	(034.6C)	62K7-M	=
R00305	12			R00305	(034.7C)	62K7-M	STOP DEDUSTING FILTER FAN
R00305	14			R00305	(034.7C)	62K7-M	=
R00305	11			R00305	(034.7C)	62K7-M	=

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1	REVISED	TIE	02/10/2012
0	ISSUE FOR APPROVAL	TIE	18/05/2012

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Terminal diagram

INTERNAL				Strip designation TB-MOT-DO		TAG NAME	FIELD EQUIPMENTS
Target des.	Conn	Tag	Section	Num.	Page		
R00306	12			R00306	(034.7C)	62SR1-M	START ZEOLITE BIN ACTIVATOR
R00306	14			R00306	(034.8C)	62SR1-M	=
R00306	11			R00306	(034.8C)	62SR1-M	=
R00307	12			R00307	(034.8C)	62SR1-M	STOP ZEOLITE BIN ACTIVATOR
R00307	14			R00307	(034.8C)	62SR1-M	=
R00307	11			R00307	(034.8C)	62SR1-M	=
R00308	12			R00308	(035.3C)	62Z1-M	START ROTARY VALVE
R00308	14			R00308	(035.3C)	62Z1-M	=
R00308	11			R00308	(035.3C)	62Z1-M	=
R00309	12			R00309	(035.4C)	62Z1-M	STOP ROTARY VALVE
R00309	14			R00309	(035.4C)	62Z1-M	=
R00309	11			R00309	(035.4C)	62Z1-M	=
R00310	12			R00310	(035.4C)	62K8-M	START DEDUSTING FILTER FAN
R00310	14			R00310	(035.4C)	62K8-M	=
R00310	11			R00310	(035.4C)	62K8-M	=
R00311	12			R00311	(035.5C)	62K8-M	STOP DEDUSTING FILTER FAN
R00311	14			R00311	(035.5C)	62K8-M	=
R00311	11			R00311	(035.5C)	62K8-M	=
R00312	12			R00312	(035.6C)	62F6/B-M	START RECOVERED SLURRY FILTER
R00312	14			R00312	(035.6C)	62F6/B-M	=
R00312	11			R00312	(035.6C)	62F6/B-M	=
R00313	12			R00313	(035.7C)	62F6/B-M	STOP RECOVERED SLURRY FILTER
R00313	14			R00313	(035.7C)	62F6/B-M	=
R00313	11			R00313	(035.7C)	62F6/B-M	=
R00314	12			R00314	(035.7C)	62A1-M	START RECOVERED SLURRY DISSOLVING TANK
R00314	14			R00314	(035.8C)	62A1-M	=
R00314	11			R00314	(035.8C)	62A1-M	=
R00315	12			R00315	(035.8C)	62A1-M	STOP RECOVERED SLURRY DISSOLVING TANK
R00315	14			R00315	(035.8C)	62A1-M	=
R00315	11			R00315	(035.8C)	62A1-M	=
R00316	12			R00316	(036.3C)	62A2-M	START RECOVERED SLURRY TANK
R00316	14			R00316	(036.3C)	62A2-M	=
R00316	11			R00316	(036.3C)	62A2-M	=
R00317	12			R00317	(036.4C)	62A2-M	STOP RECOVERED SLURRY TANK
R00317	14			R00317	(036.4C)	62A2-M	=
R00317	11			R00317	(036.4C)	62A2-M	=
R00318	12			R00318	(036.4C)	62F6-M	START RECOVERED SLURRY FILTER
R00318	14			R00318	(036.4C)	62F6-M	=

Terminal diagram

INTERNAL				Strip designation TB-MOT-DO		TAG NAME	FIELD EQUIPMENTS
Target des.	Conn	Tag	Section	Num.	Page		
R00318	11			R00318	(036.4C)	62F6-M	START RECOVERED SLURRY FILTER
R00319	12			R00319	(036.5C)	62F6-M	STOP RECOVERED SLURRY FILTER
R00319	14			R00319	(036.5C)	62F6-M	=
R00319	11			R00319	(036.5C)	62F6-M	=
R00320	12			R00320	(036.6C)	62P1-M	START RECOVERED SLURRY TRANSFER PUMP
R00320	14			R00320	(036.6C)	62P1-M	=
R00320	11			R00320	(036.6C)	62P1-M	=
R00321	12			R00321	(036.7C)	62P1-M	STOP RECOVERED SLURRY TRANSFER PUMP
R00321	14			R00321	(036.7C)	62P1-M	=
R00321	11			R00321	(036.7C)	62P1-M	=
R00322	12			R00322	(036.7C)	62A3-M	START LIQUID DOSING VESSEL
R00322	14			R00322	(036.8C)	62A3-M	=
R00322	11			R00322	(036.8C)	62A3-M	=
R00323	12			R00323	(036.8C)	62A3-M	STOP LIQUID DOSING VESSEL
R00323	14			R00323	(036.8C)	62A3-M	=
R00323	11			R00323	(036.8C)	62A3-M	=
R00324	12			R00324	(037.3C)	63A1A-M	START SLURRY PREPARATOR
R00324	14			R00324	(037.3C)	63A1A-M	=
R00324	11			R00324	(037.3C)	63A1A-M	=
R00325	12			R00325	(037.4C)	63A1A-M	STOP SLURRY PREPARATOR
R00325	14			R00325	(037.4C)	63A1A-M	=
R00325	11			R00325	(037.4C)	63A1A-M	=
R00326	12			R00326	(037.4C)	63A1B-M	START SLURRY PREPARATOR
R00326	14			R00326	(037.4C)	63A1B-M	=
R00326	11			R00326	(037.4C)	63A1B-M	=
R00327	12			R00327	(037.5C)	63A1B-M	STOP SLURRY PREPARATOR
R00327	14			R00327	(037.5C)	63A1B-M	=
R00327	11			R00327	(037.5C)	63A1B-M	=
R00328	12			R00328	(037.6C)	63A2-M	START SLURRY AGEING UNIT
R00328	14			R00328	(037.6C)	63A2-M	=
R00328	11			R00328	(037.6C)	63A2-M	=
R00329	12			R00329	(037.7C)	63A2-M	STOP SLURRY AGEING UNIT
R00329	14			R00329	(037.7C)	63A2-M	=
R00329	11			R00329	(037.7C)	63A2-M	=
R00330	12			R00330	(037.7C)	63A3-M	START RECOVERED SLURRY COLLECTING VESSEL
R00330	14			R00330	(037.8C)	63A3-M	=
R00330	11			R00330	(037.8C)	63A3-M	=
R00331	12			R00331	(037.8C)	63A3-M	STOP RECOVERED SLURRY COLLECTING VESSEL

Terminal diagram

INTERNAL				Strip designation TB-MOT-DO		TAG NAME	FIELD EQUIPMENTS
Target des.	Conn	Tag	Section	Num.	Page		
R00331	14			R00331	(037.8C)	63A3-M	STOP RECOVERED SLURRY COLLECTING VESSEL
R00331	11			R00331	(037.8C)	63A3-M	=
R00400	12			R00400	(038.3C)	63K1-M	START VAPORS SCRUBBING FAN
R00400	14			R00400	(038.3C)	63K1-M	=
R00400	11			R00400	(038.3C)	63K1-M	=
R00401	12			R00401	(038.4C)	63K1-M	STOP VAPORS SCRUBBING FAN
R00401	14			R00401	(038.4C)	63K1-M	=
R00401	11			R00401	(038.4C)	63K1-M	=
R00402	12			R00402	(038.4C)	63F2A-M	START 1st SLURRY FEEDING FILTER
R00402	14			R00402	(038.4C)	63F2A-M	=
R00402	11			R00402	(038.4C)	63F2A-M	=
R00403	12			R00403	(038.5C)	63F2A-M	STOP 1st SLURRY FEEDING FILTER
R00403	14			R00403	(038.5C)	63F2A-M	=
R00403	11			R00403	(038.5C)	63F2A-M	=
R00404	12			R00404	(038.6C)	63F2B-M	START 2nd SLURRY FEEDING FILTER
R00404	14			R00404	(038.6C)	63F2B-M	=
R00404	11			R00404	(038.6C)	63F2B-M	=
R00405	12			R00405	(038.7C)	63F2B-M	STOP 2nd SLURRY FEEDING FILTER
R00405	14			R00405	(038.7C)	63F2B-M	=
R00405	11			R00405	(038.7C)	63F2B-M	=
R00406	12			R00406	(038.7C)	63P2A-M	START SLURRY BOOSTER PUMP
R00406	14			R00406	(038.8C)	63P2A-M	=
R00406	11			R00406	(038.8C)	63P2A-M	=
R00407	12			R00407	(038.8C)	63P2A-M	STOP SLURRY BOOSTER PUMP
R00407	14			R00407	(038.8C)	63P2A-M	=
R00407	11			R00407	(038.8C)	63P2A-M	=
R00408	12			R00408	(039.3C)	63P2B-M	START SLURRY BOOSTER PUMP
R00408	14			R00408	(039.3C)	63P2B-M	=
R00408	11			R00408	(039.3C)	63P2B-M	=
R00409	12			R00409	(039.4C)	63P2B-M	STOP SLURRY BOOSTER PUMP
R00409	14			R00409	(039.4C)	63P2B-M	=
R00409	11			R00409	(039.4C)	63P2B-M	=
R00410	12			R00410	(039.4C)	63P3A-M	START SLURRY FEEDING HIGH PRESSURE PUMP
R00410	14			R00410	(039.4C)	63P3A-M	=
R00410	11			R00410	(039.4C)	63P3A-M	=
R00411	12			R00411	(039.5C)	63P3A-M	STOP SLURRY FEEDING HIGH PRESSURE PUMP
R00411	14			R00411	(039.5C)	63P3A-M	=
R00411	11			R00411	(039.5C)	63P3A-M	=

Terminal diagram

INTERNAL				Strip designation TB-MOT-DO		TAG NAME	FIELD EQUIPMENTS
Target des.	Conn	Tag	Section	Num.	Page		
R00412	12			R00412	(039.6C)	63P3B-M	START SLURRY FEEDING HIGH PRESSURE PUMP
R00412	14			R00412	(039.6C)	63P3B-M	=
R00412	11			R00412	(039.6C)	63P3B-M	=
R00413	12			R00413	(039.7C)	63P3B-M	STOP SLURRY FEEDING HIGH PRESSURE PUMP
R00413	14			R00413	(039.7C)	63P3B-M	=
R00413	11			R00413	(039.7C)	63P3B-M	=
R00414	12			R00414	(039.7C)	63P3C-M	START LUBRICATING OIL PUMP FOR H.P. PUMP
R00414	14			R00414	(039.8C)	63P3C-M	=
R00414	11			R00414	(039.8C)	63P3C-M	=
R00415	12			R00415	(039.8C)	63P3C-M	STOP LUBRICATING OIL PUMP FOR H.P. PUMP
R00415	14			R00415	(039.8C)	63P3C-M	=
R00415	11			R00415	(039.8C)	63P3C-M	=
R00416	12			R00416	(040.3C)	63P3D-M	START LUBRICATING OIL PUMP FOR H.P. PUMP
R00416	14			R00416	(040.3C)	63P3D-M	=
R00416	11			R00416	(040.3C)	63P3D-M	=
R00417	12			R00417	(040.4C)	63P3D-M	STOP LUBRICATING OIL PUMP FOR H.P. PUMP
R00417	14			R00417	(040.4C)	63P3D-M	=
R00417	11			R00417	(040.4C)	63P3D-M	=
R00418	12			R00418	(040.4C)	63P4A-M	START HOMOGENIZING PUMP
R00418	14			R00418	(040.4C)	63P4A-M	=
R00418	11			R00418	(040.4C)	63P4A-M	=
R00419	12			R00419	(040.5C)	63P4A-M	STOP HOMOGENIZING PUMP
R00419	14			R00419	(040.5C)	63P4A-M	=
R00419	11			R00419	(040.5C)	63P4A-M	=
R00420	12			R00420	(040.6C)	63P4B-M	START SLURRY HOMOGENIZING TRANSFER PUMP
R00420	14			R00420	(040.6C)	63P4B-M	=
R00420	11			R00420	(040.6C)	63P4B-M	=
R00421	12			R00421	(040.7C)	63P4B-M	STOP SLURRY HOMOGENIZING TRANSFER PUMP
R00421	14			R00421	(040.7C)	63P4B-M	=
R00421	11			R00421	(040.7C)	63P4B-M	=
R00422	12			R00422	(040.7C)	63P5-M	START RECOVERED SLURRY TRANSFER PUMP
R00422	14			R00422	(040.8C)	63P5-M	=
R00422	11			R00422	(040.8C)	63P5-M	=
R00423	12			R00423	(040.8C)	63P5-M	STOP RECOVERED SLURRY TRANSFER PUMP
R00423	14			R00423	(040.8C)	63P5-M	=
R00423	11			R00423	(040.8C)	63P5-M	=
R00424	12			R00424	(041.3C)	63P6-M	START RECOVERED WATER TRANSFER PUMP
R00424	14			R00424	(041.3C)	63P6-M	=

Terminal diagram

INTERNAL				Strip designation TB-MOT-DO		TAG NAME	FIELD EQUIPMENTS
Target des.	Conn	Tag	Section	Num.	Page		
R00424	11			R00424	(041.3C)	63P6-M	START RECOVERED WATER TRANSFER PUMP
R00425	12			R00425	(041.4C)	63P6-M	STOP RECOVERED WATER TRANSFER PUMP
R00425	14			R00425	(041.4C)	63P6-M	=
R00425	11			R00425	(041.4C)	63P6-M	=
R00426	12			R00426	(041.4C)	64K2-M	START DRYING AIR FEEDING FAN
R00426	14			R00426	(041.4C)	64K2-M	=
R00426	11			R00426	(041.4C)	64K2-M	=
R00427	12			R00427	(041.5C)	64K2-M	STOP DRYING AIR FEEDING FAN
R00427	14			R00427	(041.5C)	64K2-M	=
R00427	11			R00427	(041.5C)	64K2-M	=
R00428	12			R00428	(041.6C)	64K3-M	START DRYING AIR EXTRACTION FAN
R00428	14			R00428	(041.6C)	64K3-M	=
R00428	11			R00428	(041.6C)	64K3-M	=
R00429	12			R00429	(041.7C)	64K3-M	STOP DRYING AIR EXTRACTION FAN
R00429	14			R00429	(041.7C)	64K3-M	=
R00429	11			R00429	(041.7C)	64K3-M	=
R00430	12			R00430	(041.7C)	64K4-M	START AIR LIFT FAN
R00430	14			R00430	(041.8C)	64K4-M	=
R00430	11			R00430	(041.8C)	64K4-M	=
R00431	12			R00431	(041.8C)	64K4-M	STOP AIR LIFT FAN
R00431	14			R00431	(041.8C)	64K4-M	=
R00431	11			R00431	(041.8C)	64K4-M	=
R00500	12			R00500	(042.3C)	64N1-M	START AIR LIFT FEEDING BELT
R00500	14			R00500	(042.3C)	64N1-M	=
R00500	11			R00500	(042.3C)	64N1-M	=
R00501	12			R00501	(042.4C)	64N1-M	STOP AIR LIFT FEEDING BELT
R00501	14			R00501	(042.4C)	64N1-M	=
R00501	11			R00501	(042.4C)	64N1-M	=
R00502	12			R00502	(042.4C)	64P1-M	START FIRE FIGHTING PUMP
R00502	14			R00502	(042.4C)	64P1-M	=
R00502	11			R00502	(042.4C)	64P1-M	=
R00503	12			R00503	(042.5C)	64P1-M	STOP FIRE FIGHTING PUMP
R00503	14			R00503	(042.5C)	64P1-M	=
R00503	11			R00503	(042.5C)	64P1-M	=
R00504	12			R00504	(042.6C)	64V9-M	START HOPPER FOR WEIGHING BELT 64WG2
R00504	14			R00504	(042.6C)	64V9-M	=
R00504	11			R00504	(042.6C)	64V9-M	=
R00505	12			R00505	(042.7C)	64V9-M	STOP HOPPER FOR WEIGHING BELT 64WG2

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Target des.	Conn	Tag	Section	Num.	Page		
R00505	14			R00505	(042.7C)	64V9-M	STOP HOPPER FOR WEIGHING BELT 64WG2
R00505	11			R00505	(042.7C)	64V9-M	=
R00506	12			R00506	(042.7C)	64SR1-M	START DETERGENT POWDER VIBRATING SIEVE
R00506	14			R00506	(042.8C)	64SR1-M	=
R00506	11			R00506	(042.8C)	64SR1-M	=
R00507	12			R00507	(042.8C)	64SR1-M	STOP DETERGENT POWDER VIBRATING SIEVE
R00507	14			R00507	(042.8C)	64SR1-M	=
R00507	11			R00507	(042.8C)	64SR1-M	=
R00508	12			R00508	(043.3C)	64WG2-M	START/STOP DETERGENT POWDER PROPORTIONING BELT
R00508	14			R00508	(043.3C)	64WG2-M	=
R00508	11			R00508	(043.3C)	64WG2-M	=
R00509	12			R00509	(043.4C)	64W4-M	START TOWER BOTTOM CONE CLEANING SYSTEM
R00509	14			R00509	(043.4C)	64W4-M	=
R00509	11			R00509	(043.4C)	64W4-M	=
R00510	12			R00510	(043.4C)	64W4-M	STOP TOWER BOTTOM CONE CLEANING SYSTEM
R00510	14			R00510	(043.4C)	64W4-M	=
R00510	11			R00510	(043.4C)	64W4-M	=
R00511	12			R00511	(043.5C)	64K5-M	START DEDUSTING FILTER FAN
R00511	14			R00511	(043.5C)	64K5-M	=
R00511	11			R00511	(043.5C)	64K5-M	=
R00512	12			R00512	(043.6C)	64K5-M	STOP DEDUSTING FILTER FAN
R00512	14			R00512	(043.6C)	64K5-M	=
R00512	11			R00512	(043.6C)	64K5-M	=
R00513	12			R00513	(043.7C)	64K6-M	START PNEUMATIC TRANSPORT BLOWER
R00513	14			R00513	(043.7C)	64K6-M	=
R00513	11			R00513	(043.7C)	64K6-M	=
R00514	12			R00514	(043.7C)	64K6-M	STOP PNEUMATIC TRANSPORT BLOWER
R00514	14			R00514	(043.8C)	64K6-M	=
R00514	11			R00514	(043.8C)	64K6-M	=
R00515	12			R00515	(043.8C)	64K7-M	START PNEUMATIC TRANSPORT BLOWER
R00515	14			R00515	(043.8C)	64K7-M	=
R00515	11			R00515	(043.8C)	64K7-M	=
R00516	12			R00516	(044.3C)	64K7-M	STOP PNEUMATIC TRANSPORT BLOWER
R00516	14			R00516	(044.3C)	64K7-M	=
R00516	11			R00516	(044.3C)	64K7-M	=
R00517	12			R00517	(044.4C)	64Z1-M	START SULPHATE ROTARY VALVE
R00517	14			R00517	(044.4C)	64Z1-M	=
R00517	11			R00517	(044.4C)	64Z1-M	=

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INTERNAL				Strip designation TB-MOT-DO		TAG NAME	FIELD EQUIPMENTS
Target des.	Conn	Tag	Section	Num.	Page		
R00518	12			R00518	(044.4C)	64Z1-M	STOP SULPHATE ROTARY VALVE
R00518	14			R00518	(044.4C)	64Z1-M	=
R00518	11			R00518	(044.4C)	64Z1-M	=
R00519	12			R00519	(044.5C)	64Z2-M	START SULPHATE ROTARY VALVE
R00519	14			R00519	(044.5C)	64Z2-M	=
R00519	11			R00519	(044.5C)	64Z2-M	=
R00520	12			R00520	(044.6C)	64Z2-M	STOP SULPHATE ROTARY VALVE
R00520	14			R00520	(044.6C)	64Z2-M	=
R00520	11			R00520	(044.6C)	64Z2-M	=
R00521	12			R00521	(044.7C)	64WG3-M	START/STOP ZEOLITE WEIGHING BELT
R00521	14			R00521	(044.7C)	64WG3-M	=
R00521	11			R00521	(044.7C)	64WG3-M	=
R00522	12			R00522	(044.7C)	64WG4-M	=
R00522	14			R00522	(044.8C)	64WG4-M	=
R00522	11			R00522	(044.8C)	64WG4-M	=
R00523	12			R00523	(044.8C)	65K1-M	START DEDUSTING FILTER FAN
R00523	14			R00523	(044.8C)	65K1-M	=
R00523	11			R00523	(044.8C)	65K1-M	=
R00524	12			R00524	(045.3C)	65K1-M	STOP DEDUSTING FILTER FAN
R00524	14			R00524	(045.3C)	65K1-M	=
R00524	11			R00524	(045.3C)	65K1-M	=
R00525	12			R00525	(045.4C)	65MX1-M	START DETERGENT POWDER ROTATING MIXER
R00525	14			R00525	(045.4C)	65MX1-M	=
R00525	11			R00525	(045.4C)	65MX1-M	=
R00526	12			R00526	(045.4C)	65MX1-M	STOP DETERGENT POWDER ROTATING MIXER
R00526	14			R00526	(045.4C)	65MX1-M	=
R00526	11			R00526	(045.4C)	65MX1-M	=
R00527	12			R00527	(045.5C)	65N1-M	START FEEDING BELT
R00527	14			R00527	(045.5C)	65N1-M	=
R00527	11			R00527	(045.5C)	65N1-M	=
R00528	12			R00528	(045.6C)	65N1-M	STOP FEEDING BELT
R00528	14			R00528	(045.6C)	65N1-M	=
R00528	11			R00528	(045.6C)	65N1-M	=
R00529	12			R00529	(045.7C)	65P1-M	START NONIONIC / PERFUME DOSING PUMP
R00529	14			R00529	(045.7C)	65P1-M	=
R00529	11			R00529	(045.7C)	65P1-M	=
R00530	12			R00530	(045.7C)	65P1-M	STOP NONIONIC / PERFUME DOSING PUMP
R00530	14			R00530	(045.8C)	65P1-M	=

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INTERNAL				Strip designation TB-MOT-DO		TAG NAME	FIELD EQUIPMENTS
Target des.	Conn	Tag	Section	Num.	Page		
R00530	11			R00530	(045.8C)	65P1-M	STOP NONIONIC / PERFUME DOSING PUMP
R00531	12			R00531	(045.8C)	65Z1-M	START DEDUSTING FILTER ROTARY VALVE
R00531	14			R00531	(045.8C)	65Z1-M	=
R00531	11			R00531	(045.8C)	65Z1-M	=
R00600	12			R00600	(046.3C)	65Z1-M	STOP DEDUSTING FILTER ROTARY VALVE
R00600	14			R00600	(046.3C)	65Z1-M	=
R00600	11			R00600	(046.3C)	65Z1-M	=
R00601	12			R00601	(046.4C)	65WG1-M	START/STOP ADDITIONAL SOLID PROPORTIONING BELT
R00601	14			R00601	(046.4C)	65WG1-M	=
R00601	11			R00601	(046.4C)	65WG1-M	=
R00602	12			R00602	(046.4C)	65WG2-M	START/STOP SODIUM PERBORATE PROPORTIONING BELT
R00602	14			R00602	(046.4C)	65WG2-M	=
R00602	11			R00602	(046.4C)	65WG2-M	=
R00603	12			R00603	(046.5C)	65WG3-M	START/STOP SPECKLES LOSS IN WEIGHT
R00603	14			R00603	(046.5C)	65WG3-M	=
R00603	11			R00603	(046.5C)	65WG3-M	=
R00604	12			R00604	(046.6C)	65N2-M	START DEDUSTING FILTER ROTARY VALVE
R00604	14			R00604	(046.6C)	65N2-M	=
R00604	11			R00604	(046.6C)	65N2-M	=
R00605	12			R00605	(046.7C)	65N2-M	STOP DEDUSTING FILTER ROTARY VALVE
R00605	14			R00605	(046.7C)	65N2-M	=
R00605	11			R00605	(046.7C)	65N2-M	=
R00606	12			R00606	(046.7C)	65WG8-M	START/STOP ADDITIONAL SOLID PROPORTIONING BELT
R00606	14			R00606	(046.8C)	65WG8-M	=
R00606	11			R00606	(046.8C)	65WG8-M	=
R00607	12			R00607	(046.8C)	65WG4-M	START/STOP ENZYME LOSS IN WEIGHT
R00607	14			R00607	(046.8C)	65WG4-M	=
R00607	11			R00607	(046.8C)	65WG4-M	=
R00608	12			R00608	(047.3C)	65WG9-M	START/STOP ADDITIONAL SOLID LOSS IN WEIGHT
R00608	14			R00608	(047.3C)	65WG9-M	=
R00608	11			R00608	(047.3C)	65WG9-M	=
R00609	12			R00609	(047.4C)	65WG7-M	START/STOP ADDITIONAL SOLID PROPORTIONING BELT
R00609	14			R00609	(047.4C)	65WG7-M	=
R00609	11			R00609	(047.4C)	65WG7-M	=
R00610	12			R00610	(047.4C)	65WG5-M	START/STOP CMC LOSS IN WEIGHT
R00610	14			R00610	(047.4C)	65WG5-M	=
R00610	11			R00610	(047.4C)	65WG5-M	=
R00611	12			R00611	(047.5C)	65WG10-M	START/STOP O.B.LOSS IN WEIGHT

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Target des.	Conn	Tag	Section	Num.	Page		
R00611	14			R00611	(047.5C)	65WG10-M	START/STOP O.B.LOSS IN WEIGHT
R00611	11			R00611	(047.5C)	65WG10-M	=
R00612	12			R00612	(047.6C)	65K3-M	START DEDUSTING FILTER FAN
R00612	14			R00612	(047.6C)	65K3-M	=
R00612	11			R00612	(047.6C)	65K3-M	=
R00613	12			R00613	(047.7C)	65K3-M	STOP DEDUSTING FILTER FAN
R00613	14			R00613	(047.7C)	65K3-M	=
R00613	11			R00613	(047.7C)	65K3-M	=
R00614	12			R00614	(047.7C)	65N5-M	START FEEDING BELT
R00614	14			R00614	(047.8C)	65N5-M	=
R00614	11			R00614	(047.8C)	65N5-M	=
R00615	12			R00615	(047.8C)	65N5-M	STOP FEEDING BELT
R00615	14			R00615	(047.8C)	65N5-M	=
R00615	11			R00615	(047.8C)	65N5-M	=
R00616	12			R00616	(048.3C)	65N6-M	START RIGHT SPEED PACKAGING SILOS FEEDING BELT
R00616	14			R00616	(048.3C)	65N6-M	=
R00616	11			R00616	(048.3C)	65N6-M	=
R00617	12			R00617	(048.4C)	65N6-M	START LEFT SPEED PACKAGING SILOS FEEDING BELT
R00617	14			R00617	(048.4C)	65N6-M	=
R00617	11			R00617	(048.4C)	65N6-M	=
R00618	12			R00618	(048.4C)	65N6-M	STOP PACKAGING SILOS FEEDING BELT
R00618	14			R00618	(048.4C)	65N6-M	=
R00618	11			R00618	(048.4C)	65N6-M	=
R00619	12			R00619	(048.5C)	65N7-M	START PACKAGING SILOS FEEDING BELT
R00619	14			R00619	(048.5C)	65N7-M	=
R00619	11			R00619	(048.5C)	65N7-M	=
R00620	12			R00620	(048.6C)	65N7-M	STOP PACKAGING SILOS FEEDING BELT
R00620	14			R00620	(048.6C)	65N7-M	=
R00620	11			R00620	(048.6C)	65N7-M	=
R00621	12			R00621	(048.7C)	KC62.11A	START VIBRATOR 62WG1
R00621	14			R00621	(048.7C)	KC62.11A	=
R00621	11			R00621	(048.7C)	KC62.11A	=
R00622	12			R00622	(048.7C)	KC62.13	START VIBRATOR 62WG3
R00622	14			R00622	(048.8C)	KC62.13	=
R00622	11			R00622	(048.8C)	KC62.13	=
R00623	12			R00623	(048.8C)	KC62.12	START VIBRATOR 62WG4
R00623	14			R00623	(048.8C)	KC62.12	=
R00623	11			R00623	(048.8C)	KC62.12	=

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R00624	12			R00624	(049.3C)	KC64.4A	START VIBRATOR 64SR2A 62WG3
R00624	14			R00624	(049.3C)	KC64.4A	=
R00624	11			R00624	(049.3C)	KC64.4A	=
R00625	12			R00625	(049.4C)	KC64.4B	KC64.4B START VIBRATOR 64SR2B 62WG4
R00625	14			R00625	(049.4C)	KC64.4B	=
R00625	11			R00625	(049.4C)	KC64.4B	=
R00626	12			R00626	(049.4C)	HI64.1	HI64.1 POSITION IN AUTOMATIC OR LOCAL
R00626	14			R00626	(049.4C)	HI64.1	=
R00626	11			R00626	(049.4C)	HI64.1	=
R00627	12			R00627	(049.5C)	62CL8-M	START HIGH SPEED MINORS EXTRACTION SREW
R00627	14			R00627	(049.5C)	62CL8-M	=
R00627	11			R00627	(049.5C)	62CL8-M	=
R00628	12			R00628	(049.6C)	62CL8-M	START LOW SPEED MINORS EXTRACTION SREW
R00628	14			R00628	(049.6C)	62CL8-M	=
R00628	11			R00628	(049.6C)	62CL8-M	=
R00629	12			R00629	(049.7C)	62CL8-M	STOP MINORS EXTRACTION SREW
R00629	14			R00629	(049.7C)	62CL8-M	=
R00629	11			R00629	(049.7C)	62CL8-M	=
R00630	12			R00630	(049.7C)	SPARE	SPARE MOTOR
R00630	14			R00630	(049.8C)	SPARE	=
R00630	11			R00630	(049.8C)	SPARE	=
R00631	12			R00631	(049.8C)	SPARE	=
R00631	14			R00631	(049.8C)	SPARE	=
R00631	11			R00631	(049.8C)	SPARE	=
R00700	12			R00700	(050.3C)	SPARE	=
R00700	14			R00700	(050.3C)	SPARE	=
R00700	11			R00700	(050.3C)	SPARE	=
R00701	12			R00701	(050.4C)	SPARE	=
R00701	14			R00701	(050.4C)	SPARE	=
R00701	11			R00701	(050.4C)	SPARE	=
R00702	12			R00702	(050.4C)	SPARE	=
R00702	14			R00702	(050.4C)	SPARE	=
R00702	11			R00702	(050.4C)	SPARE	=
R00703	12			R00703	(050.5C)	SPARE	=
R00703	14			R00703	(050.5C)	SPARE	=
R00703	11			R00703	(050.5C)	SPARE	=
R00704	12			R00704	(050.6C)	SPARE	=
R00704	14			R00704	(050.6C)	SPARE	=

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R00704	11			R00704	(050.6C)	SPARE	SPARE MOTOR
R00705	12			R00705	(050.7C)	SPARE	=
R00705	14			R00705	(050.7C)	SPARE	=
R00705	11			R00705	(050.7C)	SPARE	=
R00706	12			R00706	(050.7C)	SPARE	=
R00706	14			R00706	(050.8C)	SPARE	=
R00706	11			R00706	(050.8C)	SPARE	=
R00707	12			R00707	(050.8C)	SPARE	=
R00707	14			R00707	(050.8C)	SPARE	=
R00707	11			R00707	(050.8C)	SPARE	=
R00708	12			R00708	(051.3C)	SPARE	=
R00708	14			R00708	(051.3C)	SPARE	=
R00708	11			R00708	(051.3C)	SPARE	=
R00709	12			R00709	(051.4C)	SPARE	=
R00709	14			R00709	(051.4C)	SPARE	=
R00709	11			R00709	(051.4C)	SPARE	=
R00710	12			R00710	(051.4C)	SPARE	=
R00710	14			R00710	(051.4C)	SPARE	=
R00710	11			R00710	(051.4C)	SPARE	=
R00711	12			R00711	(051.5C)	SPARE	=
R00711	14			R00711	(051.5C)	SPARE	=
R00711	11			R00711	(051.5C)	SPARE	=
R00712	12			R00712	(051.6C)	SPARE	=
R00712	14			R00712	(051.6C)	SPARE	=
R00712	11			R00712	(051.6C)	SPARE	=
R00713	12			R00713	(051.7C)	SPARE	=
R00713	14			R00713	(051.7C)	SPARE	=
R00713	11			R00713	(051.7C)	SPARE	=
R00714	12			R00714	(051.7C)	SPARE	=
R00714	14			R00714	(051.8C)	SPARE	=
R00714	11			R00714	(051.8C)	SPARE	=
R00715	12			R00715	(051.8C)	SPARE	=
R00715	14			R00715	(051.8C)	SPARE	=
R00715	11			R00715	(051.8C)	SPARE	=

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INTERNAL				Strip designation TB-VAL-DI		TAG NAME	FIELD EQUIPMENTS
Target des.	Conn	Tag	Section	Num.	Page		
TB1	67	24+4.9	4F	1+	(095.3D)	ZSL62.1	VALVE CLOSE POSITION 62WG1
DI206	1	20600	4	1-	(095.3C)	ZSL62.1	=
TB1	67	24+4.9	4F	2+	(095.3D)	ZSH63.1A	VALVE OPEN POSITION 62A3
DI206	2	20601	4	2-	(095.3C)	ZSH63.1A	=
TB1	67	24+4.9	4F	3+	(095.3D)	ZSL63.1A	VALVE CLOSE POSITION 62A3
DI206	3	20602	4	3-	(095.3C)	ZSL63.1A	=
TB1	67	24+4.9	4F	4+	(095.4D)	ZSH63.1B	VALVE OPEN POSITION 62A3
DI206	4	20603	4	4-	(095.4C)	ZSH63.1B	=
TB1	67	24+4.9	4F	5+	(095.4D)	ZSL63.1B	VALVE CLOSE POSITION 62A3
DI206	5	20604	4	5-	(095.4C)	ZSL63.1B	=
TB1	67	24+4.9	4F	6+	(095.4D)	ZSL62.3	VALVE CLOSE POSITION 62WG3
DI206	6	20605	4	6-	(095.4C)	ZSL62.3	=
TB1	67	24+4.9	4F	7+	(095.5D)	ZSH62.66	VALVE OPEN POSITION OUTLET 62CL6
DI206	7	20606	4	7-	(095.5C)	ZSH62.66	=
TB1	67	24+4.9	4F	8+	(095.5D)	ZSL62.66	VALVE CLOSE POSITION OUTLET 62CL6
DI206	8	20607	4	8-	(095.5C)	ZSL62.66	=
TB1	67	24+4.9	4F	9+	(095.6D)	ZSL62.4	VALVE CLOSE POSITION 62WG4
DI206	9	20608	4	9-	(095.6C)	ZSL62.4	=
TB1	67	24+4.9	4F	10+	(095.6D)	ZSH62.2	VALVE OPEN POSITION OUTLET 62A1
DI206	10	20609	4	10-	(095.6C)	ZSH62.2	=
TB1	67	24+4.9	4F	11+	(095.6D)	ZSL62.2	VALVE CLOSE POSITION OUTLET 62A1
DI206	11	20610	4	11-	(095.6C)	ZSL62.2	=
TB1	67	24+4.9	4F	12+	(095.7D)	ZSH62.6	VALVE OPEN POSITION OUTLET 62CL6
DI206	12	20611	4	12-	(095.7C)	ZSH62.6	=
TB1	67	24+4.9	4F	13+	(095.7D)	ZSL62.6	VALVE CLOSE POSITION OUTLET 62CL6
DI206	13	20612	4	13-	(095.7C)	ZSL62.6	=
TB1	67	24+4.9	4F	14+	(095.7D)	ZSH62.6A	VALVE OPEN POSITION OUTLET 62CL6A
DI206	14	20613	4	14-	(095.7C)	ZSH62.6A	=
TB1	67	24+4.9	4F	15+	(095.8D)	ZSL62.6A	VALVE CLOSE POSITION OUTLET 62CL6A
DI206	15	20614	4	15-	(095.8C)	ZSL62.6A	=
TB1	67	24+4.9	4F	16+	(095.8D)	ZSH62.2B	VALVE OPEN POSITION OUTLET 62A1B
DI206	16	20615	4	16-	(095.8C)	ZSH62.2B	=
TB1	67	24+4.9	4F	17+	(096.3D)	ZSL62.2B	VALVE CLOSE POSITION OUTLET 62A1B
DI206	19	20616	4	17-	(096.3C)	ZSL62.2B	=
TB1	67	24+4.9	4F	18+	(096.3D)	ZSH62.66A	VALVE OPEN POSITION OUTLET 62CL6A
DI206	20	20617	4	18-	(096.3C)	ZSH62.66A	=
TB1	67	24+4.9	4F	19+	(096.3D)	ZSL62.66A	VALVE CLOSE POSITION OUTLET 62CL6A
DI206	21	20618	4	19-	(096.3C)	ZSL62.66A	=

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TB1	67	24+4.9	4F	20+	(096.4D)	ZSH62.7	VALVE OPEN POSITION "LABS" FROM BATTERY LIMITS
DI206	22	20619	4	20-	(096.4C)	ZSH62.7	=
TB1	67	24+4.9	4F	21+	(096.4D)	ZSL62.7	VALVE CLOSE POSITION "LABS" FROM BATTERY LIMITS
DI206	23	20620	4	21-	(096.4C)	ZSL62.7	=
TB1	67	24+4.9	4F	22+	(096.4D)	ZSH62.8	VALVE OPEN POSITION "WH" FROM 62V6
DI206	24	20621	4	22-	(096.4C)	ZSH62.8	=
TB1	67	24+4.9	4F	23+	(096.5D)	ZSL62.8	VALVE CLOSE POSITION "WH" FROM 62V6
DI206	25	20622	4	23-	(096.5C)	ZSL62.8	=
TB1	67	24+4.9	4F	24+	(096.5D)	ZSH62.9	VALVE OPEN POSITION "SODIUM SILICATE" FROM BATTERY LIMITS
DI206	26	20623	4	24-	(096.5C)	ZSH62.9	=
TB1	67	24+4.9	4F	25+	(096.6D)	ZSL62.9	VALVE CLOSE POSITION "SODIUM SILICATE" FROM BATTERY LIMITS
DI206	27	20624	4	25-	(096.6C)	ZSL62.9	=
TB1	67	24+4.9	4F	26+	(096.6D)	ZSH62.10	VALVE OPEN POSITION "SB" FROM 62A2
DI206	28	20625	4	26-	(096.6C)	ZSH62.10	=
TB1	67	24+4.9	4F	27+	(096.6D)	ZSL62.10	VALVE CLOSE POSITION "SB" FROM 62A2
DI206	29	20626	4	27-	(096.6C)	ZSL62.10	=
TB1	67	24+4.9	4F	28+	(096.7D)	ZSH62.11	VALVE OPEN POSITION "POLYMER" FROM BATTERY LIMITS
DI206	30	20627	4	28-	(096.7C)	ZSH62.11	=
TB1	67	24+4.9	4F	29+	(096.7D)	ZSL62.11	VALVE CLOSE POSITION "POLYMER" FROM BATTERY LIMITS
DI206	31	20628	4	29-	(096.7C)	ZSL62.11	=
TB1	67	24+4.9	4F	30+	(096.7D)	ZSH62.12	VALVE OPEN POSITION "POLYMER" FROM BATTERY LIMITS
DI206	32	20629	4	30-	(096.7C)	ZSH62.12	=
TB1	67	24+4.9	4F	31+	(096.8D)	ZSL62.12	VALVE CLOSE POSITION "POLYMER" FROM BATTERY LIMITS
DI206	33	20630	4	31-	(096.8C)	ZSL62.12	=
TB1	67	24+4.9	4F	32+	(096.8D)	ZSH62.13	VALVE OPEN POSITION "CAUSTIC SODA" FROM BATTERY LIMITS
DI206	34	20631	4	32-	(096.8C)	ZSH62.13	=
TB1	68	24+4.10	4F	33+	(097.3D)	ZSL62.13	VALVE CLOSE POSITION "CAUSTIC SODA" FROM BATTERY LIMITS
DI207	1	20700	4	33-	(097.3C)	ZSL62.13	=
TB1	68	24+4.10	4F	34+	(097.3D)	ZSH63.1A	VALVE OPEN POSITION STEAM TO 63A1A
DI207	2	20701	4	34-	(097.3C)	ZSH63.1A	=
TB1	68	24+4.10	4F	35+	(097.3D)	ZSL63.1A	VALVE CLOSE POSITION STEAM TO 63A1A
DI207	3	20702	4	35-	(097.3C)	ZSL63.1A	=
TB1	68	24+4.10	4F	36+	(097.4D)	ZSH63.1B	VALVE OPEN POSITION STEAM TO 63A1B
DI207	4	20703	4	36-	(097.4C)	ZSH63.1B	=
TB1	68	24+4.10	4F	37+	(097.4D)	ZSL63.1B	VALVE CLOSE POSITION STEAM TO 63A1B
DI207	5	20704	4	37-	(097.4C)	ZSL63.1B	=
TB1	68	24+4.10	4F	38+	(097.4D)	ZSH63.2A	VALVE OPEN POSITION OUTLET 63A1A
DI207	6	20705	4	38-	(097.4C)	ZSH63.2A	=

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Target des.	Conn	Tag	Section	Num.	Page		
TB1	68	24+4.10	4F	39+	(097.5D)	ZSL63.2A	VALVE CLOSE POSITION OUTLET 63A1A
DI207	7	20706	4	39-	(097.5C)	ZSL63.2A	=
TB1	68	24+4.10	4F	40+	(097.5D)	ZSH63.2B	VALVE OPEN POSITION OUTLET 63A1B
DI207	8	20707	4	40-	(097.5C)	ZSH63.2B	=
TB1	68	24+4.10	4F	41+	(097.6D)	ZSL63.2B	VALVE CLOSE POSITION OUTLET 63A1B
DI207	9	20708	4	41-	(097.6C)	ZSL63.2B	=
TB1	68	24+4.10	4F	42+	(097.6D)	ZSH63.3A	VALVE OPEN POSITION DISCHARGE 63P3A
DI207	10	20709	4	42-	(097.6C)	ZSH63.3A	=
TB1	68	24+4.10	4F	43+	(097.6D)	ZSL63.3A	VALVE CLOSE POSITION DISCHARGE 63P3A
DI207	11	20710	4	43-	(097.6C)	ZSL63.3A	=
TB1	68	24+4.10	4F	44+	(097.7D)	ZSH63.3B	VALVE OPEN POSITION DISCHARGE 63P3B
DI207	12	20711	4	44-	(097.7C)	ZSH63.3B	=
TB1	68	24+4.10	4F	45+	(097.7D)	ZSL63.3B	VALVE CLOSE POSITION DISCHARGE 63P3B
DI207	13	20712	4	45-	(097.7C)	ZSL63.3B	=
TB1	68	24+4.10	4F	46+	(097.7D)	ZSH63.4A	VALVE OPEN POSITION DISCHARGE 63P4A
DI207	14	20713	4	46-	(097.7C)	ZSH63.4A	=
TB1	68	24+4.10	4F	47+	(097.8D)	ZSL63.4A	VALVE CLOSE POSITION DISCHARGE 63P4A
DI207	15	20714	4	47-	(097.8C)	ZSL63.4A	=
TB1	68	24+4.10	4F	48+	(097.8D)	ZSH63.4B	VALVE OPEN POSITION DISCHARGE 63P4B
DI207	16	20715	4	48-	(097.8C)	ZSH63.4B	=
TB1	68	24+4.10	4F	49+	(098.3D)	ZSL63.4B	VALVE CLOSE POSITION DISCHARGE 63P4B
DI207	19	20716	4	49-	(098.3C)	ZSL63.4B	=
TB1	68	24+4.10	4F	50+	(098.3D)	ZSH63.20A	VALVE OPEN POSITION DISCHARGE 63P2A
DI207	20	20717	4	50-	(098.3C)	ZSH63.20A	=
TB1	68	24+4.10	4F	51+	(098.3D)	ZSL63.20A	VALVE CLOSE POSITION DISCHARGE 63P2A
DI207	21	20718	4	51-	(098.3C)	ZSL63.20A	=
TB1	68	24+4.10	4F	52+	(098.4D)	ZSH63.20B	VALVE OPEN POSITION DISCHARGE 63P2B
DI207	22	20719	4	52-	(098.4C)	ZSH63.20B	=
TB1	68	24+4.10	4F	53+	(098.4D)	ZSL63.20B	VALVE CLOSE POSITION DISCHARGE 63P2B
DI207	23	20720	4	53-	(098.4C)	ZSL63.20B	=
TB1	68	24+4.10	4F	54+	(098.4D)	ZSH64.1	VALVE OPEN POSITION OUTLET 64H2
DI207	24	20721	4	54-	(098.4C)	ZSH64.1	=
TB1	68	24+4.10	4F	55+	(098.5D)	ZSL64.1	VALVE CLOSE POSITION OUTLET 64H2
DI207	25	20722	4	55-	(098.5C)	ZSL64.1	=
TB1	68	24+4.10	4F	56+	(098.5D)	ZSH64.2	VALVE OPEN POSITION INLET 64AT1
DI207	26	20723	4	56-	(098.5C)	ZSH64.2	=
TB1	68	24+4.10	4F	57+	(098.6D)	ZSL64.2	VALVE CLOSE POSITION INLET 64AT1
DI207	27	20724	4	57-	(098.6C)	ZSL64.2	=

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Target des.	Conn	Tag	Section	Num.	Page		
TB1	68	24+4.10	4F	58+	(098.6D)	ZSH64.9	VALVE OPEN POSITION DELIVERY 64P1
DI207	28	20725	4	58-	(098.6C)	ZSH64.9	=
TB1	68	24+4.10	4F	59+	(098.6D)	ZSL64.9	VALVE CLOSE POSITION DELIVERY 64P1
DI207	29	20726	4	59-	(098.6C)	ZSL64.9	=
TB1	68	24+4.10	4F	60+	(098.7D)	ZSH64.10	VALVE OPEN POSITION FUEL OIL FROM BATTERY LIMITS
DI207	30	20727	4	60-	(098.7C)	ZSH64.10	=
TB1	68	24+4.10	4F	61+	(098.7D)	ZSL64.10	VALVE CLOSE POSITION FUEL OIL FROM BATTERY LIMITS
DI207	31	20728	4	61-	(098.7C)	ZSL64.10	=
TB1	68	24+4.10	4F	62+	(098.7D)	ZE64.9	64V9 SKID
DI207	32	20729	4	62-	(098.7C)	ZE64.9	=
TB1	68	24+4.10	4F	63+	(098.8D)	ZE64.3	64WG3 SKID
DI207	33	20730	4	63-	(098.8C)	ZE64.3	=
TB1	68	24+4.10	4F	64+	(098.8D)	ZE64.4	64WG4 SKID
DI207	34	20731	4	64-	(098.8C)	ZE64.4	=
TB1	69	24+4.11	4F	65+	(099.3D)	ZE65.1	65WG1 SKID
DI208	1	20800	4	65-	(099.3C)	ZE65.1	=
TB1	69	24+4.11	4F	66+	(099.3D)	ZE65.2	65WG2 SKID
DI208	2	20801	4	66-	(099.3C)	ZE65.2	=
TB1	69	24+4.11	4F	67+	(099.3D)	ZSL65.3	VALVE CLOSE POSITION 65WG3
DI208	3	20802	4	67-	(099.3C)	ZSL65.3	=
TB1	69	24+4.11	4F	68+	(099.4D)	ZSL65.4	VALVE CLOSE POSITION 65WG4
DI208	4	20803	4	68-	(099.4C)	ZSL65.4	=
TB1	69	24+4.11	4F	69+	(099.4D)	ZSL65.5	VALVE CLOSE POSITION 65WG5
DI208	5	20804	4	69-	(099.4C)	ZSL65.5	=
TB1	69	24+4.11	4F	70+	(099.4D)	ZSL65.9	VALVE CLOSE POSITION 65WG9
DI208	6	20805	4	70-	(099.4C)	ZSL65.9	=
TB1	69	24+4.11	4F	71+	(099.5D)	ZSL65.10	VALVE CLOSE POSITION 65WG10
DI208	7	20806	4	71-	(099.5C)	ZSL65.10	=
TB1	69	24+4.11	4F	72+	(099.5D)	ZE65.8	65WG8 SKID
DI208	8	20807	4	72-	(099.5C)	ZE65.8	=
TB1	69	24+4.11	4F	73+	(099.6D)	ZSH65.11A	VALVE OPEN POSITION 65V11A
DI208	9	20808	4	73-	(099.6C)	ZSH65.11A	=
TB1	69	24+4.11	4F	74+	(099.6D)	ZSL65.11A	VALVE CLOSE POSITION 65V11A
DI208	10	20809	4	74-	(099.6C)	ZSL65.11A	=
TB1	69	24+4.11	4F	75+	(099.6D)	ZSH65.11B	VALVE OPEN POSITION 65V11B
DI208	11	20810	4	75-	(099.6C)	ZSH65.11B	=
TB1	69	24+4.11	4F	76+	(099.7D)	ZSL65.11B	VALVE CLOSE POSITION 65V11B
DI208	12	20811	4	76-	(099.7C)	ZSL65.11B	=

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Target des.	Conn	Tag	Section	Num.	Page		
TB1	69	24+4.11	4F	77+	(099.7D)	ZSH65.11C	VALVE OPEN POSITION 65V11C
DI208	13	20812	4	77-	(099.7C)	ZSH65.11C	=
TB1	69	24+4.11	4F	78+	(099.7D)	ZSL65.11C	VALVE CLOSE POSITION 65V11C
DI208	14	20813	4	78-	(099.7C)	ZSL65.11C	=
TB1	69	24+4.11	4F	79+	(099.8D)	ZSH65.11D	VALVE OPEN POSITION 65V11D
DI208	15	20814	4	79-	(099.8C)	ZSH65.11D	=
TB1	69	24+4.11	4F	80+	(099.8D)	ZSL65.11D	VALVE CLOSE POSITION 65V11D
DI208	16	20815	4	80-	(099.8C)	ZSL65.11D	=
TB1	69	24+4.11	4F	81+	(100.3D)	ZSH65.11E	VALVE OPEN POSITION 65V11E
DI208	19	20816	4	81-	(100.3C)	ZSH65.11E	=
TB1	69	24+4.11	4F	82+	(100.3D)	ZSL65.11E	VALVE CLOSE POSITION 65V11E
DI208	20	20817	4	82-	(100.3C)	ZSL65.11E	=
TB1	69	24+4.11	4F	83+	(100.3D)	ZSH65.11F	VALVE OPEN POSITION 65V11F
DI208	21	20818	4	83-	(100.3C)	ZSH65.11F	=
TB1	69	24+4.11	4F	84+	(100.4D)	ZSL65.11F	VALVE CLOSE POSITION 65V11F
DI208	22	20819	4	84-	(100.4C)	ZSL65.11F	=
TB1	69	24+4.11	4F	85+	(100.4D)	ZSH65.11G	VALVE OPEN POSITION 65V11G
DI208	23	20820	4	85-	(100.4C)	ZSH65.11G	=
TB1	69	24+4.11	4F	86+	(100.4D)	ZSL65.11G	VALVE CLOSE POSITION 65V11G
DI208	24	20821	4	86-	(100.4C)	ZSL65.11G	=
TB1	69	24+4.11	4F	87+	(100.5D)	ZSH65.11H	VALVE OPEN POSITION 65V11H
DI208	25	20822	4	87-	(100.5C)	ZSH65.11H	=
TB1	69	24+4.11	4F	88+	(100.5D)	ZSL65.11H	VALVE CLOSE POSITION 65V11H
DI208	26	20823	4	88-	(100.5C)	ZSL65.11H	=
TB1	69	24+4.11	4F	89+	(100.6D)	ZSH65.11I	VALVE OPEN POSITION 65V11I
DI208	27	20824	4	89-	(100.6C)	ZSH65.11I	=
TB1	69	24+4.11	4F	90+	(100.6D)	ZSL65.11I	VALVE CLOSE POSITION 65V11I
DI208	28	20825	4	90-	(100.6C)	ZSL65.11I	=
TB1	69	24+4.11	4F	91+	(100.6D)	ZSH65.11L	VALVE OPEN POSITION 65V11L
DI208	29	20826	4	91-	(100.6C)	ZSH65.11L	=
TB1	69	24+4.11	4F	92+	(100.7D)	ZSL65.11L	VALVE CLOSE POSITION 65V11L
DI208	30	20827	4	92-	(100.7C)	ZSL65.11L	=
TB1	69	24+4.11	4F	93+	(100.7D)	ZSH65.11M	VALVE OPEN POSITION 65V11M
DI208	31	20828	4	93-	(100.7C)	ZSH65.11M	=
TB1	69	24+4.11	4F	94+	(100.7D)	ZSL65.11M	VALVE CLOSE POSITION 65V11M
DI208	32	20829	4	94-	(100.7C)	ZSL65.11M	=
TB1	69	24+4.11	4F	95+	(100.8D)	ZSH65.11N	VALVE OPEN POSITION 65V11N
DI208	33	20830	4	95-	(100.8C)	ZSH65.11N	=

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TB1	69	24+4.11	4F	96+	(100.8D)	ZSL65.11N	VALVE CLOSE POSITION 65V11N
DI208	34	20831	4	96-	(100.8C)	ZSL65.11N	=
TB1	70	24+4.12	4F	97+	(101.3D)	ZSH65.11O	VALVE OPEN POSITION 65V11O
DI209	1	20900	4	97-	(101.3C)	ZSH65.11O	=
TB1	70	24+4.12	4F	98+	(101.3D)	ZSL65.11O	VALVE CLOSE POSITION 65V11O
DI209	2	20901	4	98-	(101.3C)	ZSL65.11O	=
TB1	70	24+4.12	4F	99+	(101.3D)	ZSH65.11P	VALVE OPEN POSITION 65V11P
DI209	3	20902	4	99-	(101.3C)	ZSH65.11P	=
TB1	70	24+4.12	4F	100+	(101.4D)	ZSL65.11P	VALVE CLOSE POSITION 65V11P
DI209	4	20903	4	100-	(101.4C)	ZSL65.11P	=
TB1	70	24+4.12	4F	101+	(101.4D)	ZSH65.11Q	VALVE OPEN POSITION 65V11Q
DI209	5	20904	4	101-	(101.4C)	ZSH65.11Q	=
TB1	70	24+4.12	4F	102+	(101.4D)	ZSL65.11Q	VALVE CLOSE POSITION 65V11Q
DI209	6	20905	4	102-	(101.4C)	ZSL65.11Q	=
TB1	70	24+4.12	4F	103+	(101.5D)	ZSH65.12A	VALVE OPEN POSITION 65V12A
DI209	7	20906	4	103-	(101.5C)	ZSH65.12A	=
TB1	70	24+4.12	4F	104+	(101.5D)	ZSL65.12A	VALVE CLOSE POSITION 65V12A
DI209	8	20907	4	104-	(101.5C)	ZSL65.12A	=
TB1	70	24+4.12	4F	105+	(101.6D)	ZSH65.12B	VALVE OPEN POSITION 65V12B
DI209	9	20908	4	105-	(101.6C)	ZSH65.12B	=
TB1	70	24+4.12	4F	106+	(101.6D)	ZSL65.12B	VALVE CLOSE POSITION 65V12B
DI209	10	20909	4	106-	(101.6C)	ZSL65.12B	=
TB1	70	24+4.12	4F	107+	(101.6D)	ZSH65.12C	VALVE OPEN POSITION 65V12C
DI209	11	20910	4	107-	(101.6C)	ZSH65.12C	=
TB1	70	24+4.12	4F	108+	(101.7D)	ZSL65.12C	VALVE CLOSE POSITION 65V12C
DI209	12	20911	4	108-	(101.7C)	ZSL65.12C	=
TB1	70	24+4.12	4F	109+	(101.7D)	ZSH65.12D	VALVE OPEN POSITION 65V12D
DI209	13	20912	4	109-	(101.7C)	ZSH65.12D	=
TB1	70	24+4.12	4F	110+	(101.7D)	ZSL65.12D	VALVE CLOSE POSITION 65V12D
DI209	14	20913	4	110-	(101.7C)	ZSL65.12D	=
TB1	70	24+4.12	4F	111+	(101.8D)	ZSH65.12E	VALVE OPEN POSITION 65V12E
DI209	15	20914	4	111-	(101.8C)	ZSH65.12E	=
TB1	70	24+4.12	4F	112+	(101.8D)	ZSL65.12E	VALVE CLOSE POSITION 65V12E
DI209	16	20915	4	112-	(101.8C)	ZSL65.12E	=
TB1	70	24+4.12	4F	113+	(102.3D)	ZSH65.12F	VALVE OPEN POSITION 65V12F
DI209	19	20916	4	113-	(102.3C)	ZSH65.12F	=
TB1	70	24+4.12	4F	114+	(102.3D)	ZSL65.12F	VALVE CLOSE POSITION 65V12F
DI209	20	20917	4	114-	(102.3C)	ZSL65.12F	=

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TB1	70	24+4.12	4F	115+	(102.3D)	ZSH65.12G	VALVE OPEN POSITION 65V12G
DI209	21	20918	4	115-	(102.3C)	ZSH65.12G	=
TB1	70	24+4.12	4F	116+	(102.4D)	ZSL65.12G	VALVE CLOSE POSITION 65V12G
DI209	22	20919	4	116-	(102.4C)	ZSL65.12G	=
TB1	70	24+4.12	4F	117+	(102.4D)	ZSH65.12H	VALVE OPEN POSITION 65V12H
DI209	23	20920	4	117-	(102.4C)	ZSH65.12H	=
TB1	70	24+4.12	4F	118+	(102.4D)	ZSL65.12H	VALVE CLOSE POSITION 65V12H
DI209	24	20921	4	118-	(102.4C)	ZSL65.12H	=
TB1	70	24+4.12	4F	119+	(102.5D)	ZSH65.12I	VALVE OPEN POSITION 65V12I
DI209	25	20922	4	119-	(102.5C)	ZSH65.12I	=
TB1	70	24+4.12	4F	120+	(102.5D)	ZSL65.12I	VALVE CLOSE POSITION 65V12I
DI209	26	20923	4	120-	(102.5C)	ZSL65.12I	=
TB1	70	24+4.12	4F	121+	(102.6D)	ZSH65.12L	VALVE OPEN POSITION 65V12L
DI209	27	20924	4	121-	(102.6C)	ZSH65.12L	=
TB1	70	24+4.12	4F	122+	(102.6D)	ZSL65.12L	VALVE CLOSE POSITION 65V12L
DI209	28	20925	4	122-	(102.6C)	ZSL65.12L	=
TB1	70	24+4.12	4F	123+	(102.6D)	ZSH65.12M	VALVE OPEN POSITION 65V12M
DI209	29	20926	4	123-	(102.6C)	ZSH65.12M	=
TB1	70	24+4.12	4F	124+	(102.7D)	ZSL65.12M	VALVE CLOSE POSITION 65V12M
DI209	30	20927	4	124-	(102.7C)	ZSL65.12M	=
TB1	70	24+4.12	4F	125+	(102.7D)	ZSH65.12O	VALVE OPEN POSITION 65V12O
DI209	31	20928	4	125-	(102.7C)	ZSH65.12O	=
TB1	70	24+4.12	4F	126+	(102.7D)	ZSL65.12O	VALVE CLOSE POSITION 65V12O
DI209	32	20929	4	126-	(102.7C)	ZSL65.12O	=
TB1	70	24+4.12	4F	127+	(102.8D)	ZSH65.12P	VALVE OPEN POSITION 65V12P
DI209	33	20930	4	127-	(102.8C)	ZSH65.12P	=
TB1	70	24+4.12	4F	128+	(102.8D)	ZSL65.12P	VALVE CLOSE POSITION 65V12P
DI209	34	20931	4	128-	(102.8C)	ZSL65.12P	=
TB1	71	24+4.13	4F	129+	(103.3D)	ZSH65.12Q	VALVE OPEN POSITION 65V12Q
DI210	1	21000	4	129-	(103.3C)	ZSH65.12Q	=
TB1	71	24+4.13	4F	130+	(103.3D)	ZSL65.12Q	VALVE CLOSE POSITION 65V12Q
DI210	2	21001	4	130-	(103.3C)	ZSL65.12Q	=
TB1	71	24+4.13	4F	131+	(103.3D)	ZSH65.12N	VALVE OPEN POSITION 65V12N
DI210	3	21002	4	131-	(103.3C)	ZSH65.12N	=
TB1	71	24+4.13	4F	132+	(103.4D)	ZSL65.12N	VALVE CLOSE POSITION 65V12N
DI210	4	21003	4	132-	(103.4C)	ZSL65.12N	=
TB1	71	24+4.13	4F	133+	(103.4D)	ZSH65.18	VALVE OPEN POSITION OUTLET 65V8
DI210	5	21004	4	133-	(103.4C)	ZSH65.18	=

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TB1	71	24+4.13	4F	134+	(103.4D)	ZSL65.18	VALVE CLOSE POSITION OUTLET 65V8
DI210	6	21005	4	134-	(103.4C)	ZSL65.18	=
TB1	71	24+4.13	4F	135+	(103.5D)	ZSL65.7	VALVE CLOSE POSITION 65WG7
DI210	7	21006	4	135-	(103.5C)	ZSL65.7	=
TB1	71	24+4.13	4F	136+	(103.5D)	SPARE	SPARE VALVE
DI210	8	21007	4	136-	(103.5C)	SPARE	=
TB1	71	24+4.13	4F	137+	(103.6D)	SPARE	=
DI210	9	21008	4	137-	(103.6C)	SPARE	=
TB1	71	24+4.13	4F	138+	(103.6D)	SPARE	=
DI210	10	21009	4	138-	(103.6C)	SPARE	=
TB1	71	24+4.13	4F	139+	(103.6D)	SPARE	=
DI210	11	21010	4	139-	(103.6C)	SPARE	=
TB1	71	24+4.13	4F	140+	(103.7D)	SPARE	=
DI210	12	21011	4	140-	(103.7C)	SPARE	=
TB1	71	24+4.13	4F	141+	(103.7D)	SPARE	=
DI210	13	21012	4	141-	(103.7C)	SPARE	=
TB1	71	24+4.13	4F	142+	(103.7D)	SPARE	=
DI210	14	21013	4	142-	(103.7C)	SPARE	=
TB1	71	24+4.13	4F	143+	(103.8D)	SPARE	=
DI210	15	21014	4	143-	(103.8C)	SPARE	=
TB1	71	24+4.13	4F	144+	(103.8D)	SPARE	=
DI210	16	21015	4	144-	(103.8C)	SPARE	=
TB1	71	24+4.13	4F	145+	(104.3D)	SPARE	=
DI210	19	21016	4	145-	(104.3C)	SPARE	=
TB1	71	24+4.13	4F	146+	(104.3D)	SPARE	=
DI210	20	21017	4	146-	(104.3C)	SPARE	=
TB1	71	24+4.13	4F	147+	(104.3D)	SPARE	=
DI210	21	21018	4	147-	(104.3C)	SPARE	=
TB1	71	24+4.13	4F	148+	(104.4D)	SPARE	=
DI210	22	21019	4	148-	(104.4C)	SPARE	=
TB1	71	24+4.13	4F	149+	(104.4D)	SPARE	=
DI210	23	21020	4	149-	(104.4C)	SPARE	=
TB1	71	24+4.13	4F	150+	(104.4D)	SPARE	=
DI210	24	21021	4	150-	(104.4C)	SPARE	=
TB1	71	24+4.13	4F	151+	(104.5D)	SPARE	=
DI210	25	21022	4	151-	(104.5C)	SPARE	=
TB1	71	24+4.13	4F	152+	(104.5D)	SPARE	=
DI210	26	21023	4	152-	(104.5C)	SPARE	=

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Target des.	Conn	Tag	Section	Num.	Page		
TB1	71	24+4.13	4F	153+	(104.6D)	SPARE	SPARE VALVE
DI210	27	21024	4	153-	(104.6C)	SPARE	=
TB1	71	24+4.13	4F	154+	(104.6D)	SPARE	=
DI210	28	21025	4	154-	(104.6C)	SPARE	=
TB1	71	24+4.13	4F	155+	(104.6D)	SPARE	=
DI210	29	21026	4	155-	(104.6C)	SPARE	=
TB1	71	24+4.13	4F	156+	(104.7D)	SPARE	=
DI210	30	21027	4	156-	(104.7C)	SPARE	=
TB1	71	24+4.13	4F	157+	(104.7D)	SPARE	=
DI210	31	21028	4	157-	(104.7C)	SPARE	=
TB1	71	24+4.13	4F	158+	(104.7D)	SPARE	=
DI210	32	21029	4	158-	(104.7C)	SPARE	=
TB1	71	24+4.13	4F	159+	(104.8D)	SPARE	=
DI210	33	21030	4	159-	(104.8C)	SPARE	=
TB1	71	24+4.13	4F	160+	(104.8D)	SPARE	=
DI210	34	21031	4	160-	(104.8C)	SPARE	=
TB1	72	24+4.14	4F	161+	(105.3D)	SPARE	=
DI211	1	21100	4	161-	(105.3C)	SPARE	=
TB1	72	24+4.14	4F	162+	(105.3D)	SPARE	=
DI211	2	21101	4	162-	(105.3C)	SPARE	=
TB1	72	24+4.14	4F	163+	(105.3D)	SPARE	=
DI211	3	21102	4	163-	(105.3C)	SPARE	=
TB1	72	24+4.14	4F	164+	(105.4D)	SPARE	=
DI211	4	21103	4	164-	(105.4C)	SPARE	=
TB1	72	24+4.14	4F	165+	(105.4D)	SPARE	=
DI211	5	21104	4	165-	(105.4C)	SPARE	=
TB1	72	24+4.14	4F	166+	(105.4D)	SPARE	=
DI211	6	21105	4	166-	(105.4C)	SPARE	=
TB1	72	24+4.14	4F	167+	(105.5D)	SPARE	=
DI211	7	21106	4	167-	(105.5C)	SPARE	=
TB1	72	24+4.14	4F	168+	(105.5D)	SPARE	=
DI211	8	21107	4	168-	(105.5C)	SPARE	=
TB1	72	24+4.14	4F	169+	(105.6D)	SPARE	=
DI211	9	21108	4	169-	(105.6C)	SPARE	=
TB1	72	24+4.14	4F	170+	(105.6D)	SPARE	=
DI211	10	21109	4	170-	(105.6C)	SPARE	=
TB1	72	24+4.14	4F	171+	(105.6D)	SPARE	=
DI211	11	21110	4	171-	(105.6C)	SPARE	=

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Target des.	Conn	Tag	Section	Num.	Page		
TB1	72	24+4.14	4F	172+	(105.7D)	SPARE	SPARE VALVE
DI211	12	21111	4	172-	(105.7C)	SPARE	=
TB1	72	24+4.14	4F	173+	(105.7D)	SPARE	=
DI211	13	21112	4	173-	(105.7C)	SPARE	=
TB1	72	24+4.14	4F	174+	(105.7D)	SPARE	=
DI211	14	21113	4	174-	(105.7C)	SPARE	=
TB1	72	24+4.14	4F	175+	(105.8D)	SPARE	=
DI211	15	21114	4	175-	(105.8C)	SPARE	=
TB1	72	24+4.14	4F	176+	(105.8D)	SPARE	=
DI211	16	21115	4	176-	(105.8C)	SPARE	=
TB1	72	24+4.14	4F	177+	(106.3D)	SPARE	=
DI211	19	21116	4	177-	(106.3C)	SPARE	=
TB1	72	24+4.14	4F	178+	(106.3D)	SPARE	=
DI211	20	21117	4	178-	(106.3C)	SPARE	=
TB1	72	24+4.14	4F	179+	(106.3D)	SPARE	=
DI211	21	21118	4	179-	(106.3C)	SPARE	=
TB1	72	24+4.14	4F	180+	(106.4D)	SPARE	=
DI211	22	21119	4	180-	(106.4C)	SPARE	=
TB1	72	24+4.14	4F	181+	(106.4D)	SPARE	=
DI211	23	21120	4	181-	(106.4C)	SPARE	=
TB1	72	24+4.14	4F	182+	(106.4D)	SPARE	=
DI211	24	21121	4	182-	(106.4C)	SPARE	=
TB1	72	24+4.14	4F	183+	(106.5D)	SPARE	=
DI211	25	21122	4	183-	(106.5C)	SPARE	=
TB1	72	24+4.14	4F	184+	(106.5D)	SPARE	=
DI211	26	21123	4	184-	(106.5C)	SPARE	=
TB1	72	24+4.14	4F	185+	(106.6D)	SPARE	=
DI211	27	21124	4	185-	(106.6C)	SPARE	=
TB1	72	24+4.14	4F	186+	(106.6D)	SPARE	=
DI211	28	21125	4	186-	(106.6C)	SPARE	=
TB1	72	24+4.14	4F	187+	(106.6D)	SPARE	=
DI211	29	21126	4	187-	(106.6C)	SPARE	=
TB1	72	24+4.14	4F	188+	(106.7D)	SPARE	=
DI211	30	21127	4	188-	(106.7C)	SPARE	=
TB1	72	24+4.14	4F	189+	(106.7D)	SPARE	=
DI211	31	21128	4	189-	(106.7C)	SPARE	=
TB1	72	24+4.14	4F	190+	(106.7D)	SPARE	=
DI211	32	21129	4	190-	(106.7C)	SPARE	=

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TB1	72	24+4.14	4F	191+	(106.8D)	SPARE	SPARE VALVE
DI211	33	21130	4	191-	(106.8C)	SPARE	=
TB1	72	24+4.14	4F	192+	(106.8D)	SPARE	=
DI211	34	21131	4	192-	(106.8C)	SPARE	=

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INTERNAL				Strip designation TB-VAL-DO		TAG NAME	FIELD EQUIPMENTS
Target des.	Conn	Tag	Section	Num.	Page		
R00716	11	100	4F	1L	(052.3D)	WY62.1	OPEN-CLOSE VALVE 62WG1
R00716	14	101	4	1N	(052.3D)	WK-62.1	=
R00717	11	102	4F	2L	(052.3D)	KY63.1A	OPEN-CLOSE VALVE 62A3
R00717	14	103	4	2N	(052.4D)	KC-62A3	=
R00718	11	104	4F	3L	(052.4D)	KY63.1B	=
R00718	14	105	4	3N	(052.5D)	KC-62A3	=
R00719	11	106	4F	4L	(052.5D)	WY62.3	OPEN-CLOSE VALVE 62WG3
R00719	14	107	4	4N	(052.6D)	WKP-62.3	=
R00720	11	108	4F	5L	(052.6D)	KY62.66	SOLENOID VALVE COMMAND OPEN OUTLET 62CL6
R00720	14	109	4	5N	(052.6D)	KC-62A3	=
R00721	11	110	4F	6L	(052.7D)	KY62.66	SOLENOID VALVE COMMAND CLOSE OUTLET 62CL6
R00721	14	111	4	6N	(052.7D)	KC-62A3	=
R00722	11	112	4F	7L	(052.8D)	WY62.4	OPEN-CLOSE VALVE 62WG4
R00722	14	113	4	7N	(052.8D)	WKP-62.4	=
R00730	11	121	4F	8L	(053.8D)	KY62.7	SOLENOID VALVE COMMAND "LABS" FROM BATTERY LIMITS
R00730	14	122	4	8N	(053.8D)	KC-62A3	=
R00731	11	123	4F	9L	(053.9D)	KY62.8	SOLENOID VALVE COMMAND "WH" FROM 62V6
R00731	14	124	4	9N	(053.9D)	KC-62A3	=
R00800	11	125	4F	10L	(054.3D)	KY62.9	SOLENOID VALVE COMMAND "SODIUM SILICATE" FROM BATTERY LIMITS
R00800	14	126	4	10N	(054.3D)	KC-62A3	=
R00801	11	127	4F	11L	(054.3D)	KY62.10	SOLENOID VALVE COMMAND "SB" FROM 62A2
R00801	14	128	4	11N	(054.4D)	KC-62A3	=
R00802	11	129	4F	12L	(054.4D)	KY62.11	SOLENOID VALVE COMMAND "POLYMER" FROM BATTERY LIMITS
R00802	14	130	4	12N	(054.5D)	KC-62A3	=
R00803	11	131	4F	13L	(054.5D)	KY62.12	=
R00803	14	132	4	13N	(054.6D)	KC-62A3	=
R00804	11	133	4F	14L	(054.6D)	KY62.13	SOLENOID VALVE COMMAND "CAUSTIC SODA" FROM BATTERY LIMITS
R00804	14	134	4	14N	(054.6D)	KC-62A3	=
R00931	11	193	4F	15L	(061.9D)		SPARE VALVE
R00931	14	194	4	15N	(061.9D)		=
R01000	11	195	4F	16L	(062.3D)		=
R01000	14	196	4	16N	(062.3D)		=
R01001	11	197	4F	17L	(062.3D)		=
R01001	14	198	4	17N	(062.4D)		=
R01002	11	199	4F	18L	(062.4D)		=
R01002	14	200	4	18N	(062.5D)		=
R01003	11	201	4F	19L	(062.5D)		=
R01003	14	202	4	19N	(062.6D)		=

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R01004	11	203	4F	20L	(062.6D)		SPARE VALVE
R01004	14	204	4	20N	(062.6D)		=
R01005	11	205	4F	21L	(062.7D)		=
R01005	14	206	4	21N	(062.7D)		=
R01006	11	207	4F	22L	(062.8D)		=
R01006	14	208	4	22N	(062.8D)		=

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INTERNAL				Strip designation TB-VAL-DO-110		TAG NAME	FIELD EQUIPMENTS
Target des.	Conn	Tag	Section	Num.	Page		
R00723	11	114	4F	1L	(052.9D)	HY62.2	SOLENOID VALVE COMMAND OUTLET 62A1
TB1	45	110N2.2	4	1N	(052.9D)	HY62.2	=
R00724	11	115	4F	2L	(053.3D)	SPARE	SPARE VALVE
TB1	45	110N2.2	4	2N	(053.3D)	SPARE	=
R00725	11	116	4F	3L	(053.3D)	KY62.6A	SOLENOID VALVE COMMAND OUTLET 62CL6A TO 63A1B
TB1	45	110N2.2	4	3N	(053.4D)	KY62.6A	=
R00726	11	117	4F	4L	(053.4D)	KY62.6A	SOLENOID VALVE COMMAND OUTLET 62CL6A TO 63A1A
TB1	45	110N2.2	4	4N	(053.5D)	KY62.6A	=
R00727	11	118	4F	5L	(053.5D)	HY62.2B	SOLENOID VALVE COMMAND OUTLET 62A1B
TB1	45	110N2.2	4	5N	(053.6D)	HY62.2B	=
R00728	11	119	4F	6L	(053.6D)	KY62.66A	SOLENOID VALVE COMMAND OPEN OUTLET 62CL6A
TB1	45	110N2.2	4	6N	(053.6D)	KY62.66A	=
R00729	11	120	4F	7L	(053.7D)	KY62.66A	SOLENOID VALVE COMMAND CLOSE OUTLET 62CL6A
TB1	45	110N2.2	4	7N	(053.7D)	KY62.66A	=
R00805	11	135	4F	8L	(054.7D)	KY63.4	SOLENOID VALVE COMMAND "WATER" TO 63V2
TB1	45	110N2.2	4	8N	(054.7D)	KY63.4	=
R00806	11	136	4F	9L	(054.8D)	KY62SR11A	OPEN-CLOSE VALVE VIBRATOR 62SR11A
TB1	45	110N2.2	4	9N	(054.8D)	KY62SR11A	=
R00807	11	137	4F	10L	(054.9D)	KY62SR11B	OPEN-CLOSE VALVE VIBRATOR 62SR11B
TB1	45	110N2.2	4	10N	(054.9D)	KY62SR11B	=
R00808	11	138	4F	11L	(055.3D)	KY62SR22A	OPEN-CLOSE VALVE VIBRATOR 62SR22A
TB1	45	110N2.2	4	11N	(055.3D)	KY62SR22A	=
R00809	11	139	4F	12L	(055.3D)	KY62SR22B	OPEN-CLOSE VALVE VIBRATOR 62SR22B
TB1	45	110N2.2	4	12N	(055.4D)	KY62SR22B	=
R00810	11	140	4F	13L	(055.4D)	KY62SR33A	OPEN-CLOSE VALVE VIBRATOR 62SR33A
TB1	45	110N2.2	4	13N	(055.5D)	KY62SR33A	=
R00811	11	141	4F	14L	(055.5D)	KY62SR33B	OPEN-CLOSE VALVE VIBRATOR 62SR33B
TB1	45	110N2.2	4	14N	(055.6D)	KY62SR33B	=
R00812	11	142	4F	15L	(055.6D)	KY62SR88A	OPEN-CLOSE VALVE VIBRATOR 62SR88A
TB1	45	110N2.2	4	15N	(055.6D)	KY62SR88A	=
R00813	11	143	4F	16L	(055.7D)	KY62SR88B	OPEN-CLOSE VALVE VIBRATOR 62SR88B
TB1	45	110N2.2	4	16N	(055.7D)	KY62SR88B	=
R00814	11	144	4F	17L	(055.8D)	KY62SR5A	OPEN-CLOSE VALVE VIBRATOR 62SR5A
TB1	45	110N2.2	4	17N	(055.8D)	KY62SR5A	=
R00815	11	145	4F	18L	(055.9D)	KY62SR5B	OPEN-CLOSE VALVE VIBRATOR 62SR5B
TB1	45	110N2.2	4	18N	(055.9D)	KY62SR5B	=
R00816	11	146	4F	19L	(056.3D)	KY62SR7A	OPEN-CLOSE VALVE VIBRATOR 62SR7A
TB1	45	110N2.2	4	19N	(056.3D)	KY62SR7A	=

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R00817	11	147	4F	20L	(056.3D)	KY62SR7B	OPEN-CLOSE VALVE VIBRATOR 62SR7B
TB1	45	110N2.2	4	20N	(056.4D)	KY62SR7B	=
R00818	11	148	4F	21L	(056.4D)	TY63.1A	SOLENOID VALVE COMMAND STEAM TO 63A1A
TB1	45	110N2.2	4	21N	(056.5D)	TY63.1A	=
R00819	11	149	4F	22L	(056.5D)	TY63.1B	SOLENOID VALVE COMMAND STEAM TO 63A1B
TB1	45	110N2.2	4	22N	(056.6D)	TY63.1B	=
R00820	11	150	4F	23L	(056.6D)	KY63.2A	SOLENOID VALVE COMMAND OUTLET 63A1A
TB1	45	110N2.2	4	23N	(056.6D)	KY63.2A	=
R00821	11	151	4F	24L	(056.7D)	KY63.2B	SOLENOID VALVE COMMAND OUTLET 63A1B
TB1	45	110N2.2	4	24N	(056.7D)	KY63.2B	=
DR1	+	234	4F	25L	(056.8E)	KY63.3A	OPEN-CLOSE VALVE STEAM TO 63A1A
DR1	-	235	4	25N	(056.8E)	KY63.3A	=
DR2	+	236	4F	26L	(056.9E)	KY63.3B	OPEN-CLOSE VALVE STEAM TO 63A1B
DR2	-	237	4	26N	(056.9E)	KY63.3B	=
R00824	11	154	4F	27L	(057.3D)	HY64.1	SOLENOID VALVE COMMAND OUTLET 64H2
TB1	45	110N2.2	4	27N	(057.3D)	HY64.1	=
R00825	11	155	4F	28L	(057.3D)	HY64.2	SOLENOID VALVE COMMAND INLET 64AT1
TB1	45	110N2.2	4	28N	(057.4D)	HY64.2	=
R00826	11	156	4F	29L	(057.4D)	KY64.9	SOLENOID VALVE COMMAND DELIVERY 64P1
TB1	45	110N2.2	4	29N	(057.5D)	KY64.9	=
R00827	11	157	4F	30L	(057.5D)	HY64.10	SOLENOID VALVE COMMAND FUEL OIL FROM BATTERY LIMITS
TB1	45	110N2.2	4	30N	(057.6D)	HY64.10	=
R00828	11	158	4F	31L	(057.6D)	KY65.2A	OPEN-CLOSE VALVE INLET 65MX1
TB1	46	110N2.3	4	31N	(057.6D)	KY65.2A	=
R00829	11	159	4F	32L	(057.7D)	KY65.2B	OPEN-CLOSE VALVE INLET 65E1
TB1	46	110N2.3	4	32N	(057.7D)	KY65.2B	=
R00830	11	160	4F	33L	(057.8D)	KY65.27A	OPEN-CLOSE VALVE DISCHARGE 65P1
TB1	46	110N2.3	4	33N	(057.8D)	KY65.27A	=
R00831	11	161	4F	34L	(057.9D)	KY65.27B	=
TB1	46	110N2.3	4	34N	(057.9D)	KY65.27B	=
R00900	11	162	4F	35L	(058.3D)	KY65.11A	SOLENOID VALVE COMMAND 65V11A
TB1	46	110N2.3	4	35N	(058.3D)	KY65.11A	=
R00901	11	163	4F	36L	(058.3D)	KY65.11B	SOLENOID VALVE COMMAND 65V11B
TB1	46	110N2.3	4	36N	(058.4D)	KY65.11B	=
R00902	11	164	4F	37L	(058.4D)	KY65.11C	SOLENOID VALVE COMMAND 65V11C
TB1	46	110N2.3	4	37N	(058.5D)	KY65.11C	=
R00903	11	165	4F	38L	(058.5D)	KY65.11D	SOLENOID VALVE COMMAND 65V11D
TB1	46	110N2.3	4	38N	(058.6D)	KY65.11D	=

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R00904	11	166	4F	39L	(058.6D)	KY65.11E	SOLENOID VALVE COMMAND 65V11E
TB1	46	110N2.3	4	39N	(058.6D)	KY65.11E	=
R00905	11	167	4F	40L	(058.7D)	KY65.11F	SOLENOID VALVE COMMAND 65V11F
TB1	46	110N2.3	4	40N	(058.7D)	KY65.11F	=
R00906	11	168	4F	41L	(058.8D)	KY65.11G	SOLENOID VALVE COMMAND 65V11G
TB1	46	110N2.3	4	41N	(058.8D)	KY65.11G	=
R00907	11	169	4F	42L	(058.9D)	KY65.11H	SOLENOID VALVE COMMAND 65V11H
TB1	46	110N2.3	4	42N	(058.9D)	KY65.11H	=
R00908	11	170	4F	43L	(059.3D)	KY65.11I	SOLENOID VALVE COMMAND 65V11I
TB1	46	110N2.3	4	43N	(059.3D)	KY65.11I	=
R00909	11	171	4F	44L	(059.3D)	KY65.11L	SOLENOID VALVE COMMAND 65V11L
TB1	46	110N2.3	4	44N	(059.4D)	KY65.11L	=
R00910	11	172	4F	45L	(059.4D)	KY65.11M	SOLENOID VALVE COMMAND 65V11M
TB1	46	110N2.3	4	45N	(059.5D)	KY65.11M	=
R00911	11	173	4F	46L	(059.5D)	KY65.11N	SOLENOID VALVE COMMAND 65V11N
TB1	46	110N2.3	4	46N	(059.6D)	KY65.11N	=
R00912	11	174	4F	47L	(059.6D)	KY65.11O	SOLENOID VALVE COMMAND 65V11O
TB1	46	110N2.3	4	47N	(059.6D)	KY65.11O	=
R00913	11	175	4F	48L	(059.7D)	KY65.11P	SOLENOID VALVE COMMAND 65V11P
TB1	46	110N2.3	4	48N	(059.7D)	KY65.11P	=
R00914	11	176	4F	49L	(059.8D)	KY65.11Q	SOLENOID VALVE COMMAND 65V11Q
TB1	46	110N2.3	4	49N	(059.8D)	KY65.11Q	=
R00915	11	177	4F	50L	(059.9D)	KY65.12A	SOLENOID VALVE COMMAND 65V12A
TB1	46	110N2.3	4	50N	(059.9D)	KY65.12A	=
R00916	11	178	4F	51L	(060.3D)	KY65.12B	OPEN-CLOSE VALVE COMMAND 65V12B
TB1	46	110N2.3	4	51N	(060.3D)	KY65.12B	=
R00917	11	179	4F	52L	(060.3D)	KY65.12C	OPEN-CLOSE VALVE COMMAND 65V12C
TB1	46	110N2.3	4	52N	(060.4D)	KY65.12C	=
R00918	11	180	4F	53L	(060.4D)	KY65.12D	OPEN-CLOSE VALVE COMMAND 65V12D
TB1	46	110N2.3	4	53N	(060.5D)	KY65.12D	=
R00919	11	181	4F	54L	(060.5D)	KY65.12E	OPEN-CLOSE VALVE COMMAND 65V12E
TB1	46	110N2.3	4	54N	(060.6D)	KY65.12E	=
R00920	11	182	4F	55L	(060.6D)	KY65.12F	OPEN-CLOSE VALVE COMMAND 65V12F
TB1	46	110N2.3	4	55N	(060.6D)	KY65.12F	=
R00921	11	183	4F	56L	(060.7D)	KY65.12G	OPEN-CLOSE VALVE COMMAND 65V12G
TB1	46	110N2.3	4	56N	(060.7D)	KY65.12G	=
R00922	11	184	4F	57L	(060.8D)	KY65.12H	OPEN-CLOSE VALVE COMMAND 65V12H
TB1	46	110N2.3	4	57N	(060.8D)	KY65.12H	=

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R00923	11	185	4F	58L	(060.9D)	KY65.12I	OPEN-CLOSE VALVE COMMAND 65V12I
TB1	46	110N2.3	4	58N	(060.9D)	KY65.12I	=
R00924	11	186	4F	59L	(061.3D)	KY65.12L	SOLENOID VALVE COMMAND 65V12L
TB1	46	110N2.3	4	59N	(061.3D)	KY65.12L	=
R00925	11	187	4F	60L	(061.3D)	KY65.12M	SOLENOID VALVE COMMAND 65V12M
TB1	46	110N2.3	4	60N	(061.4D)	KY65.12M	=
R00926	11	188	4F	61L	(061.4D)	KY65.12O	SOLENOID VALVE COMMAND 65V12O
TB1	47	110N2.4	4	61N	(061.5D)	KY65.12O	=
R00927	11	189	4F	62L	(061.5D)	KY65.12P	SOLENOID VALVE COMMAND 65V12P
TB1	47	110N2.4	4	62N	(061.6D)	KY65.12P	=
R00928	11	190	4F	63L	(061.6D)	KY65.12Q	SOLENOID VALVE COMMAND 65V12Q
TB1	47	110N2.4	4	63N	(061.6D)	KY65.12Q	=
R00929	11	191	4F	64L	(061.7D)	KY65.12N	SOLENOID VALVE COMMAND 65V12N
TB1	47	110N2.4	4	64N	(061.7D)	KY65.12N	=
R00930	11	192	4F	65L	(061.8D)	KY65.18	OPEN-CLOSE VALVE OUTLET 65V8
TB1	47	110N2.4	4	65N	(061.8D)	KY65.18	=
R01007	11	209	4F	66L	(062.9D)	KY62.6	SOLENOID VALVE COMMAND OUTLET 62CL6 TO 63A1B
TB1	47	110N2.4	4	66N	(062.9D)	KY62.6	=
R01008	11	210	4F	67L	(063.3D)	KY62.6	SOLENOID VALVE COMMAND OUTLET 62CL6 TO 63A1A
TB1	47	110N2.4	4	67N	(063.3D)	KY62.6	=
R01009	11	211	4F	68L	(063.3D)	SPARE	SPARE VALVE
TB1	47	110N2.4	4	68N	(063.4D)	SPARE	=
R01010	11	212	4F	69L	(063.4D)	SPARE	=
TB1	47	110N2.4	4	69N	(063.5D)	SPARE	=
R01011	11	213	4F	70L	(063.5D)	SPARE	=
TB1	47	110N2.4	4	70N	(063.6D)	SPARE	=
R01012	11	214	4F	71L	(063.6D)	SPARE	=
TB1	47	110N2.4	4	71N	(063.6D)	SPARE	=
R01013	11	215	4F	72L	(063.7D)	SPARE	=
TB1	47	110N2.4	4	72N	(063.7D)	SPARE	=
R01014	11	216	4F	73L	(063.8D)	SPARE	=
TB1	47	110N2.4	4	73N	(063.8D)	SPARE	=
R01015	11	217	4F	74L	(063.9D)	SPARE	=
TB1	47	110N2.4	4	74N	(063.9D)	SPARE	=
R01016	11	218	4F	75L	(064.3D)	SPARE	=
TB1	47	110N2.4	4	75N	(064.3D)	SPARE	=
R01017	11	219	4F	76L	(064.3D)	SPARE	=
TB1	47	110N2.4	4	76N	(064.4D)	SPARE	=

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Target des.	Conn	Tag	Section	Num.	Page		
R01018	11	220	4F	77L	(064.4D)	SPARE	SPARE VALVE
TB1	47	110N2.4	4	77N	(064.5D)	SPARE	=
R01019	11	221	4F	78L	(064.5D)	SPARE	=
TB1	47	110N2.4	4	78N	(064.6D)	SPARE	=
R01020	11	222	4F	79L	(064.6D)	SPARE	=
TB1	47	110N2.4	4	79N	(064.6D)	SPARE	=
R01021	11	223	4F	80L	(064.7D)	SPARE	=
TB1	47	110N2.4	4	80N	(064.7D)	SPARE	=
R01022	11	224	4F	81L	(064.8D)	SPARE	=
TB1	47	110N2.4	4	81N	(064.8D)	SPARE	=
R01023	11	225	4F	82L	(064.9D)	SPARE	=
TB1	47	110N2.4	4	82N	(064.9D)	SPARE	=
R01024	11	226	4F	83L	(065.3D)	SPARE	=
TB1	47	110N2.4	4	83N	(065.3D)	SPARE	=
R01025	11	227	4F	84L	(065.3D)	SPARE	=
TB1	47	110N2.4	4	84N	(065.4D)	SPARE	=
R01026	11	228	4F	85L	(065.4D)	SPARE	=
TB1	47	110N2.4	4	85N	(065.5D)	SPARE	=
R01027	11	229	4F	86L	(065.5D)	SPARE	=
TB1	47	110N2.4	4	86N	(065.6D)	SPARE	=
R01028	11	230	4F	87L	(065.6D)	SPARE	=
TB1	47	110N2.4	4	87N	(065.6D)	SPARE	=
R01029	11	231	4F	88L	(065.7D)	SPARE	=
TB1	47	110N2.4	4	88N	(065.7D)	SPARE	=
R01030	11	232	4F	89L	(065.8D)	SPARE	=
TB1	47	110N2.4	4	89N	(065.8D)	SPARE	=

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Target des.	Conn	Tag	Section	Num.	Page		
TB1	73	24+4.15	4F	1+	(107.3D)	PIC1101	ALLARM (FROM PNEUMATIC TRANSPORT CUSTOMER PANEL)
DI212	1	21200	4	1-	(107.3C)	PIC1101	=
TB1	73	24+4.15	4F	2+	(107.3D)	PIC1201	=
DI212	2	21201	4	2-	(107.3C)	PIC1201	=
TB1	73	24+4.15	4F	3+	(107.3D)	PIC1301	=
DI212	3	21202	4	3-	(107.3C)	PIC1301	=
TB1	73	24+4.15	4F	4+	(107.4D)	PIC2101	=
DI212	4	21203	4	4-	(107.4C)	PIC2101	=
TB1	73	24+4.15	4F	5+	(107.4D)	LSH62.1	HIGH LEVEL IN 62V1
DI212	5	21204	4	5-	(107.4C)	LSH62.1	=
TB1	73	24+4.15	4F	6+	(107.4D)	LSL62.1	LOW LEVEL IN 62V1
DI212	6	21205	4	6-	(107.4C)	LSL62.1	=
TB1	73	24+4.15	4F	7+	(107.5D)	LSH62.2	HIGH LEVEL IN 62V2
DI212	7	21206	4	7-	(107.5C)	LSH62.2	=
TB1	73	24+4.15	4F	8+	(107.5D)	LSL62.2	LOW LEVEL IN 62V2
DI212	8	21207	4	8-	(107.5C)	LSL62.2	=
TB1	73	24+4.15	4F	9+	(107.6D)	LSH62.3	HIGH LEVEL IN 62V3
DI212	9	21208	4	9-	(107.6C)	LSH62.3	=
TB1	73	24+4.15	4F	10+	(107.6D)	LSL62.3	LOW LEVEL IN 62V3
DI212	10	21209	4	10-	(107.6C)	LSL62.3	=
TB1	73	24+4.15	4F	11+	(107.6D)	LSH62.4	HIGH LEVEL IN 62V4
DI212	11	21210	4	11-	(107.6C)	LSH62.4	=
TB1	73	24+4.15	4F	12+	(107.7D)	LSL62.4	LOW LEVEL IN 62V4
DI212	12	21211	4	12-	(107.7C)	LSL62.4	=
TB1	73	24+4.15	4F	13+	(107.7D)	LSH62.5	HIGH LEVEL IN 62V5
DI212	13	21212	4	13-	(107.7C)	LSH62.5	=
TB1	73	24+4.15	4F	14+	(107.7D)	LSL62.5	LOW LEVEL IN 62V5
DI212	14	21213	4	14-	(107.7C)	LSL62.5	=
TB1	73	24+4.15	4F	15+	(107.8D)	LSH62.7	HIGH LEVEL IN 62V7
DI212	15	21214	4	15-	(107.8C)	LSH62.7	=
TB1	73	24+4.15	4F	16+	(107.8D)	LSL62.7	LOW LEVEL IN 62V7
DI212	16	21215	4	16-	(107.8C)	LSL62.7	=
TB1	73	24+4.15	4F	17+	(108.3D)	LSH62.8	HIGH LEVEL IN 62A2
RACK2SLOT 12	19	21216	4	17-	(108.3C)	LSH62.8	=
TB1	73	24+4.15	4F	18+	(108.3D)	LSL62.8	LOW LEVEL IN 62A2
RACK2SLOT 12	20	21217	4	18-	(108.3C)	LSL62.8	=
TB1	73	24+4.15	4F	19+	(108.3D)	LSH63.1	HIGH LEVEL IN 63V1
RACK2SLOT 12	21	21218	4	19-	(108.3C)	LSH63.1	=

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Target des.	Conn	Tag	Section	Num.	Page		
TB1	73	24+4.15	4F	20+	(108.4D)	LSL63.1	LOW LEVEL IN 63V1
RACK2SLOT 12	22	21219	4	20-	(108.4C)	LSL63.1	=
TB1	73	24+4.15	4F	21+	(108.4D)	LSH63.6	HIGH LEVEL IN COLLECTING VESSEL
RACK2SLOT 12	23	21220	4	21-	(108.4C)	LSH63.6	=
TB1	73	24+4.15	4F	22+	(108.4D)	LSL63.6	LOW LEVEL IN COLLECTING VESSEL
RACK2SLOT 12	24	21221	4	22-	(108.4C)	LSL63.6	=
TB1	73	24+4.15	4F	23+	(108.5D)	PISH63.2A	HIGH PRESSURE DELIVERY 63P2A
RACK2SLOT 12	25	21222	4	23-	(108.5C)	PISH63.2A	=
TB1	73	24+4.15	4F	24+	(108.5D)	PISH63.2B	HIGH PRESSURE DELIVERY 63P2B
RACK2SLOT 12	26	21223	4	24-	(108.5C)	PISH63.2B	=
TB1	73	24+4.15	4F	25+	(108.6D)	PISH63.3	HIGH PRESSURE ON 63AB1
RACK2SLOT 12	27	21224	4	25-	(108.6C)	PISH63.3	=
TB1	73	24+4.15	4F	26+	(108.6D)	PISL63.3C	LOW PRESSURE 63P3A
RACK2SLOT 12	28	21225	4	26-	(108.6C)	PISL63.3C	=
TB1	73	24+4.15	4F	27+	(108.6D)	PSL63.3D	LOW PRESSURE 63P3B
RACK2SLOT 12	29	21226	4	27-	(108.6C)	PSL63.3D	=
TB1	73	24+4.15	4F	28+	(108.7D)	PISH63.8A	HIGH PRESSURE 63P4A
RACK2SLOT 12	30	21227	4	28-	(108.7C)	PISH63.8A	=
TB1	73	24+4.15	4F	29+	(108.7D)	PISL63.8A	LOW PRESSURE 63P4A
RACK2SLOT 12	31	21228	4	29-	(108.7C)	PISL63.8A	=
TB1	73	24+4.15	4F	30+	(108.7D)	PISH63.8B	HIGH PRESSURE 63P4B
RACK2SLOT 12	32	21229	4	30-	(108.7C)	PISH63.8B	=
TB1	73	24+4.15	4F	31+	(108.8D)	PISL63.8B	LOW PRESSURE 63P4B
RACK2SLOT 12	33	21230	4	31-	(108.8C)	PISL63.8B	=
TB1	73	24+4.15	4F	32+	(108.8D)	LSH64.1	HIGH LEVEL IN 64V1
RACK2SLOT 12	34	21231	4	32-	(108.8C)	LSH64.1	=
TB1	74	24+4.16	4F	33+	(109.3D)	LSL64.1	LOW LEVEL IN 64V1
DI213	1	21300	4	33-	(109.3C)	LSL64.1	=
TB1	74	24+4.16	4F	34+	(109.3D)	LSH64.3	HIGH LEVEL IN 64W3
DI213	2	21301	4	34-	(109.3C)	LSH64.3	=
TB1	74	24+4.16	4F	35+	(109.3D)	LSL64.3	LOW LEVEL IN 64W3
DI213	3	21302	4	35-	(109.3C)	LSL64.3	=
TB1	74	24+4.16	4F	36+	(109.4D)	LSH64.4	HIGH LEVEL IN 64V7
DI213	4	21303	4	36-	(109.4C)	LSH64.4	=
TB1	74	24+4.16	4F	37+	(109.4D)	LSL64.4	LOW LEVEL IN 64V7
DI213	5	21304	4	37-	(109.4C)	LSL64.4	=
TB1	74	24+4.16	4F	38+	(109.4D)	LSL64.7	=
DI213	6	21305	4	38-	(109.4C)	LSL64.7	=

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INTERNAL				Strip designation TB-AL		TAG NAME	FIELD EQUIPMENTS
Target des.	Conn	Tag	Section	Num.	Page		
TB1	74	24+4.16	4F	39+	(109.5D)	PSH64.6	HIGH PRESSURE DELIVERY 64K6
DI213	7	21306	4	39-	(109.5C)	PSH64.6	=
TB1	74	24+4.16	4F	40+	(109.5D)	PSH64.7	HIGH PRESSURE DELIVERY 64K7
DI213	8	21307	4	40-	(109.5C)	PSH64.7	=
TB1	74	24+4.16	4F	41+	(109.6D)	TISHH64.2	HIGH TEMPERATURE BK 64.1
DI213	9	21308	4	41-	(109.6C)	TISHH64.2	=
TB1	74	24+4.16	4F	42+	(109.6D)	LSH65.1	HIGH LEVEL IN 65V1
DI213	10	21309	4	42-	(109.6C)	LSH65.1	=
TB1	74	24+4.16	4F	43+	(109.6D)	LSL65.1	LOW LEVEL IN 65V1
DI213	11	21310	4	43-	(109.6C)	LSL65.1	=
TB1	74	24+4.16	4F	44+	(109.7D)	LSH65.2	HIGH LEVEL IN 65V2
DI213	12	21311	4	44-	(109.7C)	LSH65.2	=
TB1	74	24+4.16	4F	45+	(109.7D)	LSL65.2	LOW LEVEL IN 65V2
DI213	13	21312	4	45-	(109.7C)	LSL65.2	=
TB1	74	24+4.16	4F	46+	(109.7D)	LSH65.3	HIGH LEVEL IN 65V3
DI213	14	21313	4	46-	(109.7C)	LSH65.3	=
TB1	74	24+4.16	4F	47+	(109.8D)	LSL65.3	LOW LEVEL IN 65V3
DI213	15	21314	4	47-	(109.8C)	LSL65.3	=
TB1	74	24+4.16	4F	48+	(109.8D)	LSL65.4	LOW LEVEL IN 65V4
DI213	16	21315	4	48-	(109.8C)	LSL65.4	=
TB1	74	24+4.16	4F	49+	(110.3D)	LSH65.7	HIGH LEVEL IN 65V8
RACK2SLOT 13	19	21316	4	49-	(110.3C)	LSH65.7	=
TB1	74	24+4.16	4F	50+	(110.3D)	LSL65.7	LOW LEVEL IN 65V8
RACK2SLOT 13	20	21317	4	50-	(110.3C)	LSL65.7	=
TB1	74	24+4.16	4F	51+	(110.3D)	LSH65.11A	HIGH LEVEL IN 65V11/A
RACK2SLOT 13	21	21318	4	51-	(110.3C)	LSH65.11A	=
TB1	74	24+4.16	4F	52+	(110.4D)	LSL65.11A	LOW LEVEL IN 65V11/A
RACK2SLOT 13	22	21319	4	52-	(110.4C)	LSL65.11A	=
TB1	74	24+4.16	4F	53+	(110.4D)	LSH65.11B	HIGH LEVEL IN 65V11/B
RACK2SLOT 13	23	21320	4	53-	(110.4C)	LSH65.11B	=
TB1	74	24+4.16	4F	54+	(110.4D)	LSL65.11B	LOW LEVEL IN 65V11/B
RACK2SLOT 13	24	21321	4	54-	(110.4C)	LSL65.11B	=
TB1	74	24+4.16	4F	55+	(110.5D)	LSH65.11C	HIGH LEVEL IN 65V11/C
RACK2SLOT 13	25	21322	4	55-	(110.5C)	LSH65.11C	=
TB1	74	24+4.16	4F	56+	(110.5D)	LSL65.11C	LOW LEVEL IN 65V11/C
RACK2SLOT 13	26	21323	4	56-	(110.5C)	LSL65.11C	=
TB1	74	24+4.16	4F	57+	(110.6D)	LSH65.11D	HIGH LEVEL IN 65V11/D
RACK2SLOT 13	27	21324	4	57-	(110.6C)	LSH65.11D	=

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Target des.	Conn	Tag	Section	Num.	Page		
TB1	74	24+4.16	4F	58+	(110.6D)	LSL65.11D	LOW LEVEL IN 65V11/D
RACK2SLOT 13	28	21325	4	58-	(110.6C)	LSL65.11D	=
TB1	74	24+4.16	4F	59+	(110.6D)	LSH65.11E	HIGH LEVEL IN 65V11/E
RACK2SLOT 13	29	21326	4	59-	(110.6C)	LSH65.11E	=
TB1	74	24+4.16	4F	60+	(110.7D)	LSL65.11E	LOW LEVEL IN 65V11/E
RACK2SLOT 13	30	21327	4	60-	(110.7C)	LSL65.11E	=
TB1	74	24+4.16	4F	61+	(110.7D)	LSH65.11F	HIGH LEVEL IN 65V11/F
RACK2SLOT 13	31	21328	4	61-	(110.7C)	LSH65.11F	=
TB1	74	24+4.16	4F	62+	(110.7D)	LSL65.11F	LOW LEVEL IN 65V11/F
RACK2SLOT 13	32	21329	4	62-	(110.7C)	LSL65.11F	=
TB1	74	24+4.16	4F	63+	(110.8D)	LSH65.11G	HIGH LEVEL IN 65V11/G
RACK2SLOT 13	33	21330	4	63-	(110.8C)	LSH65.11G	=
TB1	74	24+4.16	4F	64+	(110.8D)	LSL65.11G	LOW LEVEL IN 65V11/G
RACK2SLOT 13	34	21331	4	64-	(110.8C)	LSL65.11G	=
TB1	75	24+4.17	4F	65+	(111.3D)	LSH65.11H	HIGH LEVEL IN 65V11/H
DI214	1	21400	4	65-	(111.3C)	LSH65.11H	=
TB1	75	24+4.17	4F	66+	(111.3D)	LSL65.11H	LOW LEVEL IN 65V11/H
DI214	2	21401	4	66-	(111.3C)	LSL65.11H	=
TB1	75	24+4.17	4F	67+	(111.3D)	LSH65.11I	HIGH LEVEL IN 65V11/I
DI214	3	21402	4	67-	(111.3C)	LSH65.11I	=
TB1	75	24+4.17	4F	68+	(111.4D)	LSL65.11I	LOW LEVEL IN 65V11/I
DI214	4	21403	4	68-	(111.4C)	LSL65.11I	=
TB1	75	24+4.17	4F	69+	(111.4D)	LSH65.11L	HIGH LEVEL IN 65V11/L
DI214	5	21404	4	69-	(111.4C)	LSH65.11L	=
TB1	75	24+4.17	4F	70+	(111.4D)	LSL65.11L	LOW LEVEL IN 65V11/L
DI214	6	21405	4	70-	(111.4C)	LSL65.11L	=
TB1	75	24+4.17	4F	71+	(111.5D)	LSH65.11M	HIGH LEVEL IN 65V11/M
DI214	7	21406	4	71-	(111.5C)	LSH65.11M	=
TB1	75	24+4.17	4F	72+	(111.5D)	LSL65.11M	LOW LEVEL IN 65V11/M
DI214	8	21407	4	72-	(111.5C)	LSL65.11M	=
TB1	75	24+4.17	4F	73+	(111.6D)	LSH65.11N	HIGH LEVEL IN 65V11/N
DI214	9	21408	4	73-	(111.6C)	LSH65.11N	=
TB1	75	24+4.17	4F	74+	(111.6D)	LSL65.11N	LOW LEVEL IN 65V11/N
DI214	10	21409	4	74-	(111.6C)	LSL65.11N	=
TB1	75	24+4.17	4F	75+	(111.6D)	LSH65.11O	HIGH LEVEL IN 65V11/O
DI214	11	21410	4	75-	(111.6C)	LSH65.11O	=
TB1	75	24+4.17	4F	76+	(111.7D)	LSL65.11O	LOW LEVEL IN 65V11/O
DI214	12	21411	4	76-	(111.7C)	LSL65.11O	=

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Target des.	Conn	Tag	Section	Num.	Page		
TB1	75	24+4.17	4F	77+	(111.7D)	LSH65.11P	HIGH LEVEL IN 65V11/P
DI214	13	21412	4	77-	(111.7C)	LSH65.11P	=
TB1	75	24+4.17	4F	78+	(111.7D)	LSL65.11P	LOW LEVEL IN 65V11/P
DI214	14	21413	4	78-	(111.7C)	LSL65.11P	=
TB1	75	24+4.17	4F	79+	(111.8D)	LSH65.11Q	HIGH LEVEL IN 65V11/Q
DI214	15	21414	4	79-	(111.8C)	LSH65.11Q	=
TB1	75	24+4.17	4F	80+	(111.8D)	LSL65.11Q	LOW LEVEL IN 65V11/Q
DI214	16	21415	4	80-	(111.8C)	LSL65.11Q	=
TB1	75	24+4.17	4F	81+	(112.3D)	LSH65.11R	HIGH LEVEL IN 65V11/R
RACK2SLOT 14	19	21416	4	81-	(112.3C)	LSH65.11R	=
TB1	75	24+4.17	4F	82+	(112.3D)	LSL65.11R	LOW LEVEL IN 65V11/R
RACK2SLOT 14	20	21417	4	82-	(112.3C)	LSL65.11R	=
TB1	75	24+4.17	4F	83+	(112.3D)	LSH65.12A	HIGH LEVEL IN 65V12/A
RACK2SLOT 14	21	21418	4	83-	(112.3C)	LSH65.12A	=
TB1	75	24+4.17	4F	84+	(112.4D)	LSL65.12A	LOW LEVEL IN 65V12/A
RACK2SLOT 14	22	21419	4	84-	(112.4C)	LSL65.12A	=
TB1	75	24+4.17	4F	85+	(112.4D)	LSH65.12B	HIGH LEVEL IN 65V12/B
RACK2SLOT 14	23	21420	4	85-	(112.4C)	LSH65.12B	=
TB1	75	24+4.17	4F	86+	(112.4D)	LSL65.12B	LOW LEVEL IN 65V12/B
RACK2SLOT 14	24	21421	4	86-	(112.4C)	LSL65.12B	=
TB1	75	24+4.17	4F	87+	(112.5D)	LSH65.12C	HIGH LEVEL IN 65V12/C
RACK2SLOT 14	25	21422	4	87-	(112.5C)	LSH65.12C	=
TB1	75	24+4.17	4F	88+	(112.5D)	LSL65.12C	LOW LEVEL IN 65V12/C
RACK2SLOT 14	26	21423	4	88-	(112.5C)	LSL65.12C	=
TB1	75	24+4.17	4F	89+	(112.6D)	LSH65.12D	HIGH LEVEL IN 65V12/D
RACK2SLOT 14	27	21424	4	89-	(112.6C)	LSH65.12D	=
TB1	75	24+4.17	4F	90+	(112.6D)	LSL65.12D	LOW LEVEL IN 65V12/D
RACK2SLOT 14	28	21425	4	90-	(112.6C)	LSL65.12D	=
TB1	75	24+4.17	4F	91+	(112.6D)	LSH65.12E	HIGH LEVEL IN 65V12/E
RACK2SLOT 14	29	21426	4	91-	(112.6C)	LSH65.12E	=
TB1	75	24+4.17	4F	92+	(112.7D)	LSL65.12E	LOW LEVEL IN 65V12/E
RACK2SLOT 14	30	21427	4	92-	(112.7C)	LSL65.12E	=
TB1	75	24+4.17	4F	93+	(112.7D)	LSH65.12F	HIGH LEVEL IN 65V12/F
RACK2SLOT 14	31	21428	4	93-	(112.7C)	LSH65.12F	=
TB1	75	24+4.17	4F	94+	(112.7D)	LSL65.12F	LOW LEVEL IN 65V12/F
RACK2SLOT 14	32	21429	4	94-	(112.7C)	LSL65.12F	=
TB1	75	24+4.17	4F	95+	(112.8D)	LSH65.12G	HIGH LEVEL IN 65V12/G
RACK2SLOT 14	33	21430	4	95-	(112.8C)	LSH65.12G	=

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Target des.	Conn	Tag	Section	Num.	Page		
TB1	75	24+4.17	4F	96+	(112.8D)	LSL65.12G	LOW LEVEL IN 65V12/G
RACK2SLOT 14	34	21431	4	96-	(112.8C)	LSL65.12G	=
TB1	76	24+4.18	4F	97+	(113.3D)	LSH65.12H	HIGH LEVEL IN 65V12/H
DI215	1	21500	4	97-	(113.3C)	LSH65.12H	=
TB1	76	24+4.18	4F	98+	(113.3D)	LSL65.12H	LOW LEVEL IN 65V12/H
DI215	2	21501	4	98-	(113.3C)	LSL65.12H	=
TB1	76	24+4.18	4F	99+	(113.3D)	LSH65.12I	HIGH LEVEL IN 65V12/I
DI215	3	21502	4	99-	(113.3C)	LSH65.12I	=
TB1	76	24+4.18	4F	100+	(113.4D)	LSL65.12I	LOW LEVEL IN 65V12/I
DI215	4	21503	4	100-	(113.4C)	LSL65.12I	=
TB1	76	24+4.18	4F	101+	(113.4D)	LSH65.12L	HIGH LEVEL IN 65V12/L
DI215	5	21504	4	101-	(113.4C)	LSH65.12L	=
TB1	76	24+4.18	4F	102+	(113.4D)	LSL65.12L	LOW LEVEL IN 65V12/L
DI215	6	21505	4	102-	(113.4C)	LSL65.12L	=
TB1	76	24+4.18	4F	103+	(113.5D)	LSH65.12M	HIGH LEVEL IN 65V12/M
DI215	7	21506	4	103-	(113.5C)	LSH65.12M	=
TB1	76	24+4.18	4F	104+	(113.5D)	LSL65.12M	LOW LEVEL IN 65V12/M
DI215	8	21507	4	104-	(113.5C)	LSL65.12M	=
TB1	76	24+4.18	4F	105+	(113.6D)	LSH65.12N	HIGH LEVEL IN 65V12/N
DI215	9	21508	4	105-	(113.6C)	LSH65.12N	=
TB1	76	24+4.18	4F	106+	(113.6D)	LSL65.12N	LOW LEVEL IN 65V12/N
DI215	10	21509	4	106-	(113.6C)	LSL65.12N	=
TB1	76	24+4.18	4F	107+	(113.6D)	LSH65.12O	HIGH LEVEL IN 65V12/O
DI215	11	21510	4	107-	(113.6C)	LSH65.12O	=
TB1	76	24+4.18	4F	108+	(113.7D)	LSL65.12O	LOW LEVEL IN 65V12/O
DI215	12	21511	4	108-	(113.7C)	LSL65.12O	=
TB1	76	24+4.18	4F	109+	(113.7D)	LSH65.12P	HIGH LEVEL IN 65V12/P
DI215	13	21512	4	109-	(113.7C)	LSH65.12P	=
TB1	76	24+4.18	4F	110+	(113.7D)	LSL65.12P	LOW LEVEL IN 65V12/P
DI215	14	21513	4	110-	(113.7C)	LSL65.12P	=
TB1	76	24+4.18	4F	111+	(113.8D)	LSH65.12Q	HIGH LEVEL IN 65V12/Q
DI215	15	21514	4	111-	(113.8C)	LSH65.12Q	=
TB1	76	24+4.18	4F	112+	(113.8D)	LSL65.12Q	LOW LEVEL IN 65V12/Q
DI215	16	21515	4	112-	(113.8C)	LSL65.12Q	=
TB1	76	24+4.18	4F	113+	(114.3D)	LSH65.12R	HIGH LEVEL IN 65V12/R
RACK2SLOT 15	19	21516	4	113-	(114.3C)	LSH65.12R	=
TB1	76	24+4.18	4F	114+	(114.3D)	LSL65.12R	LOW LEVEL IN 65V12/R
RACK2SLOT 15	20	21517	4	114-	(114.3C)	LSH65.12R	=

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TB1	76	24+4.18	4F	115+	(114.3D)	LSH65.13	HIGH LEVEL IN 65V13
RACK2SLOT 15	21	21518	4	115-	(114.3C)	LSH65.13	=
TB1	76	24+4.18	4F	116+	(114.4D)	LSL65.13	LOW LEVEL IN 65V13
RACK2SLOT 15	22	21519	4	116-	(114.4C)	LSL65.13	=
TB1	76	24+4.18	4F	117+	(114.4D)	LSH65.14	HIGH LEVEL IN 65V14
RACK2SLOT 15	23	21520	4	117-	(114.4C)	LSH65.14	=
TB1	76	24+4.18	4F	118+	(114.4D)	LSL65.14	LOW LEVEL IN 65V14
RACK2SLOT 15	24	21521	4	118-	(114.4C)	LSL65.14	=
TB1	76	24+4.18	4F	119+	(114.5D)	LSH65.9	HIGH LEVEL IN 65V9
RACK2SLOT 15	25	21522	4	119-	(114.5C)	LSH65.9	=
TB1	76	24+4.18	4F	120+	(114.5D)	LSL65.9	LOW LEVEL IN 65V9
RACK2SLOT 15	26	21523	4	120-	(114.5C)	LSL65.9	=
TB1	76	24+4.18	4F	121+	(114.6D)	LSH65.10	HIGH LEVEL IN 65V10
RACK2SLOT 15	27	21524	4	121-	(114.6C)	LSH65.10	=
TB1	76	24+4.18	4F	122+	(114.6D)	LSL65.10	LOW LEVEL IN 65V10
RACK2SLOT 15	28	21525	4	122-	(114.6C)	LSL65.10	=
TB1	76	24+4.18	4F	123+	(114.6D)	PSL65.1	LOW PRESSURE INLET 65E1
RACK2SLOT 15	29	21526	4	123-	(114.6C)	PSL65.1	=
TB1	76	24+4.18	4F	124+	(114.7D)	PSL65.2	LOW PRESSURE INLET 65MX1
RACK2SLOT 15	30	21527	4	124-	(114.7C)	PSL65.2	=
TB1	76	24+4.18	4F	125+	(114.7D)	PISH65.1	HIGH PRESSURE DISCHARGE 65P1
RACK2SLOT 15	31	21528	4	125-	(114.7C)	PISH65.1	=
TB1	76	24+4.18	4F	126+	(114.7D)	PISH65.2	=
RACK2SLOT 15	32	21529	4	126-	(114.7C)	PISH65.2	=
TB1	76	24+4.18	4F	127+	(114.8D)	LSH65.8	HIGH LEVEL IN 65V8
RACK2SLOT 15	33	21530	4	127-	(114.8C)	LSH65.8	=
TB1	76	24+4.18	4F	128+	(114.8D)	LSL65.8	LOW LEVEL IN 65V8
RACK2SLOT 15	34	21531	4	128-	(114.8C)	LSL65.8	=
TB1	77	24+4.19	4F	129+	(115.3D)	LSH65.88	HIGH LEVEL IN 65V8
RACK2SLOT 16	1	21600	4	129-	(115.3C)	LSH65.88	=
TB1	77	24+4.19	4F	130+	(115.3D)	LSL65.88	LOW LEVEL IN 65V8
RACK2SLOT 16	2	21601	4	130-	(115.3C)	LSL65.88	=
TB1	77	24+4.19	4F	131+	(115.3D)	SPARE	SPARE
RACK2SLOT 16	3	21602	4	131-	(115.3C)	SPARE	=
TB1	77	24+4.19	4F	132+	(115.4D)	SPARE	=
RACK2SLOT 16	4	21603	4	132-	(115.4C)	SPARE	=
TB1	77	24+4.19	4F	133+	(115.4D)	SPARE	=
RACK2SLOT 16	5	21604	4	133-	(115.4C)	SPARE	=

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Target des.	Conn	Tag	Section	Num.	Page		
TB1	77	24+4.19	4F	134+	(115.4D)	SPARE	SPARE
RACK2SLOT 16	6	21605	4	134-	(115.4C)	SPARE	=
TB1	77	24+4.19	4F	135+	(115.5D)	SPARE	=
RACK2SLOT 16	7	21606	4	135-	(115.5C)	SPARE	=
TB1	77	24+4.19	4F	136+	(115.5D)	SPARE	=
RACK2SLOT 16	8	21607	4	136-	(115.5C)	SPARE	=
TB1	77	24+4.19	4F	137+	(115.6D)	SPARE	=
RACK2SLOT 16	9	21608	4	137-	(115.6C)	SPARE	=
TB1	77	24+4.19	4F	138+	(115.6D)	SPARE	=
RACK2SLOT 16	10	21609	4	138-	(115.6C)	SPARE	=
TB1	77	24+4.19	4F	139+	(115.6D)	SPARE	=
RACK2SLOT 16	11	21610	4	139-	(115.6C)	SPARE	=
TB1	77	24+4.19	4F	140+	(115.7D)	SPARE	=
RACK2SLOT 16	12	21611	4	140-	(115.7C)	SPARE	=
TB1	77	24+4.19	4F	141+	(115.7D)	SPARE	=
RACK2SLOT 16	13	21612	4	141-	(115.7C)	SPARE	=
TB1	77	24+4.19	4F	142+	(115.7D)	SPARE	=
RACK2SLOT 16	14	21613	4	142-	(115.7C)	SPARE	=
TB1	77	24+4.19	4F	143+	(115.8D)	SPARE	=
RACK2SLOT 16	15	21614	4	143-	(115.8C)	SPARE	=
TB1	77	24+4.19	4F	144+	(115.8D)	SPARE	=
RACK2SLOT 16	16	21615	4	144-	(115.8C)	SPARE	=
TB1	77	24+4.19	4F	145+	(116.3D)	SPARE	=
			4	145-	(116.3C)		=

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Target des.	Conn	Tag	Section	Num.	Page		
CB7	2	24+3	6F	1	(023.2A)	SPARE	SPARE
RL4	A2	47	2,5S	2	(023.2B)	SPARE	=
RL4	21	48	2,5S	3	(023.3D)		AVAILABLE CONTACT
RL4	24	49	2,5S	4	(023.3D)		=
RL4	31	50	2,5S	5	(023.2E)		=
RL4	34	51	2,5S	6	(023.2E)		=
CB7	2	24+3	6F	7	(023.4A)	SPARE	SPARE
RL5	A2	52	2,5S	8	(023.4B)	SPARE	=
RL5	21	53	2,5S	9	(023.5D)		AVAILABLE CONTACT
RL5	24	54	2,5S	10	(023.5D)		=
RL5	31	55	2,5S	11	(023.4E)		=
RL5	34	56	2,5S	12	(023.4E)		=
CB7	2	24+3	6F	13	(023.6A)	SPARE	SPARE
RL6	A2	57	2,5S	14	(023.6B)	SPARE	=
RL6	21	58	2,5S	15	(023.7D)		AVAILABLE CONTACT
RL6	24	59	2,5S	16	(023.7D)		=
RL6	31	60	2,5S	17	(023.6E)		=
RL6	34	61	2,5S	18	(023.6E)		=
CB7	2	24+3	6F	19	(023.8A)	SPARE	SPARE
RL7	A2	62	2,5S	20	(023.8B)	SPARE	=
RL7	21	63	2,5S	21	(023.9D)		AVAILABLE CONTACT
RL7	24	64	2,5S	22	(023.9D)		=
RL7	31	65	2,5S	23	(023.8E)		=
RL7	34	66	2,5S	24	(023.8E)		=
CB7	2	24+3	6F	25	(024.2A)	SPARE	SPARE
RL8	A2	67	2,5S	26	(024.2B)	SPARE	=
RL8	21	68	2,5S	27	(024.3D)		AVAILABLE CONTACT
RL8	24	69	2,5S	28	(024.3D)		=
RL8	31	70	2,5S	29	(024.2E)		=
RL8	34	71	2,5S	30	(024.2E)		=
CB7	2	24+3	6F	31	(024.4A)	SPARE	SPARE
RL9	A2	72	2,5S	32	(024.4B)	SPARE	=
RL9	21	73	2,5S	33	(024.5D)		AVAILABLE CONTACT
RL9	24	74	2,5S	34	(024.5D)		=
RL9	31	75	2,5S	35	(024.4E)		=
RL9	34	76	2,5S	36	(024.4E)		=
CB7	2	24+3	6F	37	(024.6A)	SPARE	SPARE
RL10	A2	77	2,5S	38	(024.6B)	SPARE	=

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Target des.	Conn	Tag	Section	Num.	Page		
RL10	21	78	2,5S	39	(024.7D)		AVAILABLE CONTACT
RL10	24	79	2,5S	40	(024.7D)		=
RL10	31	80	2,5S	41	(024.6E)		=
RL10	34	81	2,5S	42	(024.6E)		=
CB7	2	24+3	6F	43	(024.8A)	SPARE	SPARE
RL11	A2	82	2,5S	44	(024.8B)	SPARE	=
RL11	21	83	2,5S	45	(024.9D)		AVAILABLE CONTACT
RL11	24	84	2,5S	46	(024.9D)		=
RL11	31	85	2,5S	47	(024.8E)		=
RL11	34	86	2,5S	48	(024.8E)		=
CB7	2	24+3	6F	49	(025.2A)	SPARE	SPARE
RL12	A2	87	2,5S	50	(025.2B)	SPARE	=
RL12	21	88	2,5S	51	(025.3D)		AVAILABLE CONTACT
RL12	24	89	2,5S	52	(025.3D)		=
RL12	31	90	2,5S	53	(025.2E)		=
RL12	34	91	2,5S	54	(025.2E)		=
CB7	2	24+3	6F	55	(025.4A)	SPARE	SPARE
RL13	A2	92	2,5S	56	(025.4B)	SPARE	=
RL13	21	93	2,5S	57	(025.5D)		AVAILABLE CONTACT
RL13	24	94	2,5S	58	(025.5D)		=
CB7	2	24+3	2,5S	59	(015.7E)	KC-62A3	KC-62A3 POWER SUPPLY
CB7	4	24-3	2,5S	60	(015.7E)	KC-62A3	=

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Target des.	Conn	Tag	Section	Num.	Page		
CB10A	2	33	2,5S	1	(020.3C)		110VAC FEEDING FOR PC AND PRINTER PROVIDED BY CUSTOMER
CB10A	4	34	2,5S	2	(020.3C)		=

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Bill of materials

Component designation	Page	Amount	Designation	Article number	Model number	Supplier	Notes
	(027)	2	END TERMINAL EW35	WEI.EW35	038356	WEIDMULLER	
	(027)	1	PLASTIC CABLE RUN 25x60mm L2m	BOC.T1EN25X60G	T1EN25X60G	BOCCHIOTTI	
	(027)	1	PLASTIC CABLE RUN 25x80mm L2m	BOC.T1EN25X80G	T1EN25X80G	BOCCHIOTTI	
	(027)	7	PLASTIC CABLE RUN 40x80mm L2m	BOC.T1EN40X80G	T1EN40X80G	BOCCHIOTTI	
	(027)	2	PLASTIC CABLE RUN 60x80mm L2m	BOC.T1EN60X80G	T1EN60X80G	BOCCHIOTTI	
	(027)	1	PLASTIC CABLE RUN 80x80mm L2m	BOC.T1EN80X80G	T1EN80X80G	BOCCHIOTTI	
	(027)	8	PLASTIC CABLE RUN 100x80mm L2m	BOC.T1EN100X80G	T1EN100X80G	BOCCHIOTTI	
	(027)	6	PLASTIC CABLE RUN 120x80mm L2m	BOC.T1EN120x80G	T1EN120x80G	BOCCHIOTTI	
	(027)	2	COPPER BAR 12x4mm PIERCED 5M (L1m)	BAL.PROFI.12X4	BK2173	BALDI	
	(027)	3	COPPER BAR 15x5mm PIERCED 6M (L2m)	BAL.PROFI.15X5	BK1000655	BALDI	
	(027)	6	PROFILE DIN TS35 x 15mm (L2m)	WEI.TS35X15	023640	WEIDMULLER	
	(027)	2	PROFILE DIN TS35 x 7,5mm (L2m)	WEI.TS35X7,5	038340	WEIDMULLER	
	(027)	38	SPACER	WEI.TYP SH2	049492	WEIDMULLER	
	(027)	6	INSULATOR 19x20x5FF	BAL.ISO.BK2017	BK2017	BALDI	
	(027)	20	IRON DISTANCES 10x20x6MF	BAL.DIS.BK6828	BK6828	BALDI	
	(027)	8	COPPER PLAIT 6mm² L150mm	CRX.CR6-150	CR6-150	COREX	
	(027)	2	COPPER PLAIT 16mm² L150mm	CRX.CR16-150	CR16-150	COREX	
	(027)	14	COPPER PLAIT 16mm² L300mm	CRX.CR16-300	CR16-300	COREX	
	(027)	1	SHIELDED CABLE 4X2X0,35	TMS	TMS	SACCHI	
	(027)	1	CABLE 32x0,25	RT0028332	RT0028332	SACCHI	
	(027)	4	LATERAL CROSSING H=25 L=600	BST.BH0160	BH0160	BISTEEL	
	(027)	5	CABINET 2000x800x600 (HxWxD)	BST.BX2086	BX2086	BISTEEL	
	(027)	1	COUPLE OF LATERAL PANELS 2000x600	BST.BD2060	BD2060	BISTEEL	
	(027)	4	CABINET UNION KIT	BST.BH0007	BH0007	BISTEEL	
	(027)	1	CABINET UNION KIT	BST.BH0012	BH0012	BISTEEL	
	(027)	4	CABINET UNION KIT ADDITIONAL	BST.BH0015	BH0015	BISTEEL	
	(027)	5	BLOCK DOOR	BST.BH0023	BH0023	BISTEEL	
	(027)	7	SUPPORT LABEL KIT FOR BUTTON DIAMETER 22	MDT.PTKITA	PTKITA	MODERNOTECNICA	
	(027)	1	SUPPORT LABEL KIT 17x30	MDT.PTKITB	PTKITB	MODERNOTECNICA	
AI101	(027.4D)	1	ANALOG INPUT MODULE (16IN)	ROC.1756-IF16	1756-IF16	ROCKWELL AUTOMATION	
AI101	(027.4D)	1	MODULE I/O SCREW TERMINAL BLOCK	ROC.1756-TBCH	1756-TBCH	ROCKWELL AUTOMATION	
AI102	(027.4D)	1	ANALOG INPUT MODULE (16IN)	ROC.1756-IF16	1756-IF16	ROCKWELL AUTOMATION	
AI102	(027.4D)	1	MODULE I/O SCREW TERMINAL BLOCK	ROC.1756-TBCH	1756-TBCH	ROCKWELL AUTOMATION	
AI103	(027.4D)	1	ANALOG INPUT MODULE (16IN)	ROC.1756-IF16	1756-IF16	ROCKWELL AUTOMATION	
AI103	(027.4D)	1	MODULE I/O SCREW TERMINAL BLOCK	ROC.1756-TBCH	1756-TBCH	ROCKWELL AUTOMATION	
AO104	(027.5D)	1	ANALOG OUTPUT MODULE (8OUT)	ROC.1756-OF8	1756-OF8	ROCKWELL AUTOMATION	
AO104	(027.5D)	1	MODULE I/O SCREW TERMINAL BLOCK	ROC.1756-TBNH	1756-TBNH	ROCKWELL AUTOMATION	
AO105	(027.5D)	1	ANALOG OUTPUT MODULE (8OUT)	ROC.1756-OF8	1756-OF8	ROCKWELL AUTOMATION	
AO105	(027.5D)	1	MODULE I/O SCREW TERMINAL BLOCK	ROC.1756-TBNH	1756-TBNH	ROCKWELL AUTOMATION	
AO106	(027.5D)	1	ANALOG OUTPUT MODULE (8OUT)	ROC.1756-OF8	1756-OF8	ROCKWELL AUTOMATION	

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AO106	(027.5D)	1	MODULE I/O SCREW TERMINAL BLOCK	ROC.1756-TBNH	1756-TBNH	ROCKWELL AUTOMATION	
AO107	(027.5D)	1	ANALOG OUTPUT MODULE (8OUT)	ROC.1756-OF8	1756-OF8	ROCKWELL AUTOMATION	
AO107	(027.5D)	1	MODULE I/O SCREW TERMINAL BLOCK	ROC.1756-TBNH	1756-TBNH	ROCKWELL AUTOMATION	
AO108	(027.6D)	1	ANALOG OUTPUT MODULE (8OUT)	ROC.1756-OF8	1756-OF8	ROCKWELL AUTOMATION	
AO108	(027.6D)	1	MODULE I/O SCREW TERMINAL BLOCK	ROC.1756-TBNH	1756-TBNH	ROCKWELL AUTOMATION	
BUZZER	(065.9D)	1	SIREN 24VDC/AC	SIR.BIP 84	BIP 84	SIRENA	
CB0-M	(010.1A)	1	AUTOMATIC CIRCUIT BREAKER 2P C40A 16KA IP2X	SIE.5SY 4240-7	5SY 4240-7	SIEMENS	
CB0-S	(011.1A)	1	AUTOMATIC CIRCUIT BREAKER 2P C10A 16KA IP2X	SIE.5SY 4210-7	5SY 4210-7	SIEMENS	
CB1	(012.2A)	1	AUTOMATIC CIRCUIT BREAKER 2P C3A 16KA IP2X	SIE.5SY 4203-7	5SY 4203-7	SIEMENS	
CB1	(012.2A)	1	AUXILIARY CONTACT 1L+1R	SIE.5ST3010	5ST 3010	SIEMENS	
CB2	(012.9A)	1	AUTOMATIC CIRCUIT BREAKER 2P C4A 16KA IP2X	SIE.5SY 4204-7	5SY 4204-7	SIEMENS	
CB2A	(012.9B)	1	RCCB MODULE 2P ≤40A 30mA	SIE.5SM 2322-0	5SM 2322-0	SIEMENS	
CB3	(013.5B)	1	AUTOMATIC CIRCUIT BREAKER 2P C8A 16KA IP2X	SIE.5SY 4208-7	5SY 4208-7	SIEMENS	
CB4	(013.8B)	1	AUTOMATIC CIRCUIT BREAKER 2P C6A 16KA IP2X	SIE.5SY 4206-7	5SY 4206-7	SIEMENS	
CB5	(015.4A)	1	AUTOMATIC CIRCUIT BREAKER 2P C10A 16KA IP2X	SIE.5SY 4210-7	5SY 4210-7	SIEMENS	
CB6	(015.4D)	1	AUTOMATIC CIRCUIT BREAKER 2P C4A 16KA IP2X	SIE.5SY 4204-7	5SY 4204-7	SIEMENS	
CB7	(015.5D)	1	AUTOMATIC CIRCUIT BREAKER 2P C4A 16KA IP2X	SIE.5SY 4204-7	5SY 4204-7	SIEMENS	
CB8	(015.8D)	1	AUTOMATIC CIRCUIT BREAKER 2P C6A 16KA IP2X	SIE.5SY 4206-7	5SY 4206-7	SIEMENS	
CB9	(015.9D)	1	AUTOMATIC CIRCUIT BREAKER 2P C6A 16KA IP2X	SIE.5SY 4206-7	5SY 4206-7	SIEMENS	
CB10	(020.3A)	1	AUTOMATIC CIRCUIT BREAKER 2P C13A 16KA IP2X	SIE.5SY 4213-7	5SY 4213-7	SIEMENS	
CB10A	(020.3B)	1	EARTH LEAKAGE CIRCUIT BREAKER 2P ≤25A 30mA	SIE.5SM3 312-0	5SM3 312-0	SIEMENS	
CBB1	(021.3A)	1	AUTOMATIC CIRCUIT BREAKER 2P C2A 16KA IP2X	SIE.5SY 4202-7	5SY 4202-7	SIEMENS	
CBB2	(021.4A)	1	AUTOMATIC CIRCUIT BREAKER 2P C2A 16KA IP2X	SIE.5SY 4202-7	5SY 4202-7	SIEMENS	
CBB3	(021.5A)	1	AUTOMATIC CIRCUIT BREAKER 2P C2A 16KA IP2X	SIE.5SY 4202-7	5SY 4202-7	SIEMENS	
CBB4	(021.6A)	1	AUTOMATIC CIRCUIT BREAKER 2P C2A 16KA IP2X	SIE.5SY 4202-7	5SY 4202-7	SIEMENS	
CBB5	(021.7A)	1	AUTOMATIC CIRCUIT BREAKER 2P C2A 16KA IP2X	SIE.5SY 4202-7	5SY 4202-7	SIEMENS	
CBB6	(021.9A)	1	AUTOMATIC CIRCUIT BREAKER 2P C2A 16KA IP2X	SIE.5SY 4202-7	5SY 4202-7	SIEMENS	
CNB016	(027.8A)	1	REDUNDANT CONTROLNET MODULE	ROC.1756-CNB	1756-CNB	ROCKWELL AUTOMATION	
CNB016	(027.8A)	1	TERMINATION RESISTOR 75 OHM	ROC.1786-XT	1786-XT	ROCKWELL AUTOMATION	
CNB016	(027.8A)	1	CYLINDRICAL BNC CONNECTOR	ROC.1786-BNCP	1786-BNCP	ROCKWELL AUTOMATION	
CNB016	(027.8A)	1	T-TAP RIGHT ANGLE	ROC.1786-TPR	1786-TPR	ROCKWELL AUTOMATION	
CNB100	(027.3D)	1	REDUNDANT CONTROLNET MODULE	ROC.1756-CNB	1756-CNB	ROCKWELL AUTOMATION	
CNB100	(027.3D)	1	T-TAP RIGHT ANGLE	ROC.1786-TPR	1786-TPR	ROCKWELL AUTOMATION	
CNB200	(028.3A)	1	REDUNDANT CONTROLNET MODULE	ROC.1756-CNB	1756-CNB	ROCKWELL AUTOMATION	
CNB200	(028.3A)	1	TERMINATION RESISTOR 75 OHM	ROC.1786-XT	1786-XT	ROCKWELL AUTOMATION	
CNB200	(028.3A)	1	CYLINDRICAL BNC CONNECTOR	ROC.1786-BNCP	1786-BNCP	ROCKWELL AUTOMATION	
CNB200	(028.3A)	1	T-TAP RIGHT ANGLE	ROC.1786-TPR	1786-TPR	ROCKWELL AUTOMATION	
CPU000	(027.3A)	1	PROCESSOR UNIT L61	ROC.1756-L61	1756-L61	ROCKWELL AUTOMATION	
DI114	(027.7D)	1	INPUT MODULE (32IN) 24VDC	ROC.1756-IB32	1756-IB32	ROCKWELL AUTOMATION	
DI114	(027.7D)	1	MODULE I/O SCREW TERMINAL BLOCK	ROC.1756-TBCH	1756-TBCH	ROCKWELL AUTOMATION	

Rev.	Modification	Author	Date
1	REVISED	TIE	02/10/2012
0	ISSUE FOR APPROVAL	TIE	18/05/2012

SABIZ PLANT
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DI115	(027.8D)	1	INPUT MODULE (32IN) 24VDC	ROC.1756-IB32	1756-IB32	ROCKWELL AUTOMATION	
DI115	(027.8D)	1	MODULE I/O SCREW TERMINAL BLOCK	ROC.1756-TBCH	1756-TBCH	ROCKWELL AUTOMATION	
DI116	(027.8D)	1	INPUT MODULE (32IN) 24VDC	ROC.1756-IB32	1756-IB32	ROCKWELL AUTOMATION	
DI116	(027.8D)	1	MODULE I/O SCREW TERMINAL BLOCK	ROC.1756-TBCH	1756-TBCH	ROCKWELL AUTOMATION	
DI201	(028.4A)	1	INPUT MODULE (32IN) 24VDC	ROC.1756-IB32	1756-IB32	ROCKWELL AUTOMATION	
DI201	(028.4A)	1	MODULE I/O SCREW TERMINAL BLOCK	ROC.1756-TBCH	1756-TBCH	ROCKWELL AUTOMATION	
DI202	(028.4A)	1	INPUT MODULE (32IN) 24VDC	ROC.1756-IB32	1756-IB32	ROCKWELL AUTOMATION	
DI202	(028.4A)	1	MODULE I/O SCREW TERMINAL BLOCK	ROC.1756-TBCH	1756-TBCH	ROCKWELL AUTOMATION	
DI203	(028.4A)	1	INPUT MODULE (32IN) 24VDC	ROC.1756-IB32	1756-IB32	ROCKWELL AUTOMATION	
DI203	(028.4A)	1	MODULE I/O SCREW TERMINAL BLOCK	ROC.1756-TBCH	1756-TBCH	ROCKWELL AUTOMATION	
DI204	(028.5A)	1	INPUT MODULE (32IN) 24VDC	ROC.1756-IB32	1756-IB32	ROCKWELL AUTOMATION	
DI204	(028.5A)	1	MODULE I/O SCREW TERMINAL BLOCK	ROC.1756-TBCH	1756-TBCH	ROCKWELL AUTOMATION	
DI205	(028.5A)	1	INPUT MODULE (32IN) 24VDC	ROC.1756-IB32	1756-IB32	ROCKWELL AUTOMATION	
DI205	(028.5A)	1	MODULE I/O SCREW TERMINAL BLOCK	ROC.1756-TBCH	1756-TBCH	ROCKWELL AUTOMATION	
DI206	(028.5A)	1	INPUT MODULE (32IN) 24VDC	ROC.1756-IB32	1756-IB32	ROCKWELL AUTOMATION	
DI206	(028.5A)	1	MODULE I/O SCREW TERMINAL BLOCK	ROC.1756-TBCH	1756-TBCH	ROCKWELL AUTOMATION	
DI207	(028.5A)	1	INPUT MODULE (32IN) 24VDC	ROC.1756-IB32	1756-IB32	ROCKWELL AUTOMATION	
DI207	(028.5A)	1	MODULE I/O SCREW TERMINAL BLOCK	ROC.1756-TBCH	1756-TBCH	ROCKWELL AUTOMATION	
DI208	(028.6A)	1	INPUT MODULE (32IN) 24VDC	ROC.1756-IB32	1756-IB32	ROCKWELL AUTOMATION	
DI208	(028.6A)	1	MODULE I/O SCREW TERMINAL BLOCK	ROC.1756-TBCH	1756-TBCH	ROCKWELL AUTOMATION	
DI209	(028.6A)	1	INPUT MODULE (32IN) 24VDC	ROC.1756-IB32	1756-IB32	ROCKWELL AUTOMATION	
DI209	(028.6A)	1	MODULE I/O SCREW TERMINAL BLOCK	ROC.1756-TBCH	1756-TBCH	ROCKWELL AUTOMATION	
DI210	(028.6A)	1	INPUT MODULE (32IN) 24VDC	ROC.1756-IB32	1756-IB32	ROCKWELL AUTOMATION	
DI210	(028.6A)	1	MODULE I/O SCREW TERMINAL BLOCK	ROC.1756-TBCH	1756-TBCH	ROCKWELL AUTOMATION	
DI211	(028.7A)	1	INPUT MODULE (32IN) 24VDC	ROC.1756-IB32	1756-IB32	ROCKWELL AUTOMATION	
DI211	(028.7A)	1	MODULE I/O SCREW TERMINAL BLOCK	ROC.1756-TBCH	1756-TBCH	ROCKWELL AUTOMATION	
DI212	(028.7A)	1	INPUT MODULE (32IN) 24VDC	ROC.1756-IB32	1756-IB32	ROCKWELL AUTOMATION	
DI212	(028.7A)	1	MODULE I/O SCREW TERMINAL BLOCK	ROC.1756-TBCH	1756-TBCH	ROCKWELL AUTOMATION	
DI213	(028.7A)	1	INPUT MODULE (32IN) 24VDC	ROC.1756-IB32	1756-IB32	ROCKWELL AUTOMATION	
DI213	(028.7A)	1	MODULE I/O SCREW TERMINAL BLOCK	ROC.1756-TBCH	1756-TBCH	ROCKWELL AUTOMATION	
DI214	(028.7A)	1	INPUT MODULE (32IN) 24VDC	ROC.1756-IB32	1756-IB32	ROCKWELL AUTOMATION	
DI214	(028.7A)	1	MODULE I/O SCREW TERMINAL BLOCK	ROC.1756-TBCH	1756-TBCH	ROCKWELL AUTOMATION	
DI215	(028.8A)	1	INPUT MODULE (32IN) 24VDC	ROC.1756-IB32	1756-IB32	ROCKWELL AUTOMATION	
DI215	(028.8A)	1	MODULE I/O SCREW TERMINAL BLOCK	ROC.1756-TBCH	1756-TBCH	ROCKWELL AUTOMATION	
DI216	(028.8A)	1	INPUT MODULE (32IN) 24VDC	ROC.1756-IB32	1756-IB32	ROCKWELL AUTOMATION	
DI216	(028.8A)	1	MODULE I/O SCREW TERMINAL BLOCK	ROC.1756-TBCH	1756-TBCH	ROCKWELL AUTOMATION	
DL1-M	(010.2C)	1	SAFETY AND SIGNALING MODULE 110/220/400/690Vac	ELF.050ASL	050ASL	NEW ELFIN	
DL1-S	(011.2C)	1	SAFETY AND SIGNALING MODULE 110/220/400/690Vac	ELF.050ASL	050ASL	NEW ELFIN	
DO002	(027.4A)	1	OUTPUT MODULE (32OUT) 24VDC	ROC.1756-OB32	1756-OB32	ROCKWELL AUTOMATION	
DO002	(027.4A)	1	MODULE I/O SCREW TERMINAL BLOCK	ROC.1756-TBCH	1756-TBCH	ROCKWELL AUTOMATION	

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DO003	(027.4A)	1	OUTPUT MODULE (32OUT) 24VDC	ROC.1756-OB32	1756-OB32	ROCKWELL AUTOMATION	
DO003	(027.4A)	1	MODULE I/O SCREW TERMINAL BLOCK	ROC.1756-TBCH	1756-TBCH	ROCKWELL AUTOMATION	
DO004	(027.5A)	1	OUTPUT MODULE (32OUT) 24VDC	ROC.1756-OB32	1756-OB32	ROCKWELL AUTOMATION	
DO004	(027.5A)	1	MODULE I/O SCREW TERMINAL BLOCK	ROC.1756-TBCH	1756-TBCH	ROCKWELL AUTOMATION	
DO005	(027.5A)	1	OUTPUT MODULE (32OUT) 24VDC	ROC.1756-OB32	1756-OB32	ROCKWELL AUTOMATION	
DO005	(027.5A)	1	MODULE I/O SCREW TERMINAL BLOCK	ROC.1756-TBCH	1756-TBCH	ROCKWELL AUTOMATION	
DO006	(027.5A)	1	OUTPUT MODULE (32OUT) 24VDC	ROC.1756-OB32	1756-OB32	ROCKWELL AUTOMATION	
DO006	(027.5A)	1	MODULE I/O SCREW TERMINAL BLOCK	ROC.1756-TBCH	1756-TBCH	ROCKWELL AUTOMATION	
DO007	(027.5A)	1	OUTPUT MODULE (32OUT) 24VDC	ROC.1756-OB32	1756-OB32	ROCKWELL AUTOMATION	
DO007	(027.5A)	1	MODULE I/O SCREW TERMINAL BLOCK	ROC.1756-TBCH	1756-TBCH	ROCKWELL AUTOMATION	
DO008	(027.6A)	1	OUTPUT MODULE (32OUT) 24VDC	ROC.1756-OB32	1756-OB32	ROCKWELL AUTOMATION	
DO008	(027.6A)	1	MODULE I/O SCREW TERMINAL BLOCK	ROC.1756-TBCH	1756-TBCH	ROCKWELL AUTOMATION	
DO009	(027.6A)	1	OUTPUT MODULE (32OUT) 24VDC	ROC.1756-OB32	1756-OB32	ROCKWELL AUTOMATION	
DO009	(027.6A)	1	MODULE I/O SCREW TERMINAL BLOCK	ROC.1756-TBCH	1756-TBCH	ROCKWELL AUTOMATION	
DO010	(027.6A)	1	OUTPUT MODULE (32OUT) 24VDC	ROC.1756-OB32	1756-OB32	ROCKWELL AUTOMATION	
DO010	(027.6A)	1	MODULE I/O SCREW TERMINAL BLOCK	ROC.1756-TBCH	1756-TBCH	ROCKWELL AUTOMATION	
ENBT001	(027.4A)	1	COMUNICATION MODULE ETHERNET/IP 10/100MB	ROC.1756-ENBT	1756-ENBT	ROCKWELL AUTOMATION	
L1	(011.6D)	1	MODULAR CEILING LAMP 13W 130/240V 50/60Hz	ELF.050PE13	050PE13	NEW ELFIN	
L1	(011.6D)	1	CONNECTOR C7	ELF.050C7	050C7	NEW ELFIN	
L2	(011.6D)	1	MODULAR CEILING LAMP 13W 130/240V 50/60Hz	ELF.050PE13	050PE13	NEW ELFIN	
L2	(011.6D)	1	CONNECTOR C7	ELF.050C7	050C7	NEW ELFIN	
L3	(011.7D)	1	MODULAR CEILING LAMP 13W 130/240V 50/60Hz	ELF.050PE13	050PE13	NEW ELFIN	
L3	(011.7D)	1	CONNECTOR C7	ELF.050C7	050C7	NEW ELFIN	
L4	(011.8D)	1	MODULAR CEILING LAMP 13W 130/240V 50/60Hz	ELF.050PE13	050PE13	NEW ELFIN	
L4	(011.8D)	1	CONNECTOR C7	ELF.050C7	050C7	NEW ELFIN	
L5	(011.9D)	1	MODULAR CEILING LAMP 13W 130/240V 50/60Hz	ELF.050PE13	050PE13	NEW ELFIN	
L5	(011.9D)	1	CONNECTOR C7	ELF.050C7	050C7	NEW ELFIN	
LLS1	(011.6B)	1	LIMIT SWITCH 1L+1R RAPID BUTTON	SIE.3SE5 232-0CC05	3SE5 232-0CC05	SIEMENS	
LLS1	(011.6B)	1	BRACKET FOR DIN RAIL	ELF.050-S003	050-S003	NEW ELFIN	
LLS2	(011.6B)	1	LIMIT SWITCH 1L+1R RAPID BUTTON	SIE.3SE0 280-1C	3SE0 280-1C	SIEMENS	
LLS2	(011.6B)	1	BRACKET FOR DIN RAIL	ELF.050-S003	050-S003	NEW ELFIN	
LLS3	(011.7B)	1	LIMIT SWITCH 1L+1R RAPID BUTTON	SIE.3SE0 280-1C	3SE0 280-1C	SIEMENS	
LLS3	(011.7B)	1	BRACKET FOR DIN RAIL	ELF.050-S003	050-S003	NEW ELFIN	
LLS4	(011.8B)	1	LIMIT SWITCH 1L+1R RAPID BUTTON	SIE.3SE0 280-1C	3SE0 280-1C	SIEMENS	
LLS4	(011.8B)	1	BRACKET FOR DIN RAIL	ELF.050-S003	050-S003	NEW ELFIN	
LLS5	(011.9B)	1	LIMIT SWITCH 1L+1R RAPID BUTTON	SIE.3SE0 280-1C	3SE0 280-1C	SIEMENS	
LLS5	(011.9B)	1	BRACKET FOR DIN RAIL	ELF.050-S003	050-S003	NEW ELFIN	
LS1-M	(010.4B)	1	LIGHT BLOCK RULE LENSE WHITE	SIE.3SB35 01-6BA60	3SB35 01-6BA60	SIEMENS	
LS1-M	(010.4B)	1	LAMP BLOCK BA9S	SIE.3SB34 00-1A	3SB34 00-1A	SIEMENS	
LS1-M	(010.4B)	1	WHITE LAMP LED 120V	SIE.3SB39 01-1QD	3SB39 01-1QD	SIEMENS	

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LS1-S	(011.4B)	1	LIGHT BLOCK RULE LENSE WHITE	SIE.3SB35 01-6BA60	3SB35 01-6BA60	SIEMENS	
LS1-S	(011.4B)	1	LAMP BLOCK BA9S	SIE.3SB34 00-1A	3SB34 00-1A	SIEMENS	
LS1-S	(011.4B)	1	WHITE LAMP LED 220V	SIE.3SB39 01-1QF	3SB39 01-1QF	SIEMENS	
LS2	(012.6D)	1	LIGHT BLOCK RULE LENSE WHITE	SIE.3SB35 01-6BA60	3SB35 01-6BA60	SIEMENS	
LS2	(012.6D)	1	LAMP BLOCK BA9S	SIE.3SB34 00-1A	3SB34 00-1A	SIEMENS	
LS2	(012.6D)	1	WHITE LAMP LED 220V	SIE.3SB39 01-1QF	3SB39 01-1QF	SIEMENS	
LS3	(012.7D)	1	LIGHT BLOCK RULE LENSE WHITE	SIE.3SB35 01-6BA60	3SB35 01-6BA60	SIEMENS	
LS3	(012.7D)	1	LAMP BLOCK BA9S	SIE.3SB34 00-1A	3SB34 00-1A	SIEMENS	
LS3	(012.7D)	1	WHITE LAMP LED 220V	SIE.3SB39 01-1QF	3SB39 01-1QF	SIEMENS	
LS4	(013.2C)	1	LIGHT BLOCK RULE LENSE WHITE	SIE.3SB35 01-6BA60	3SB35 01-6BA60	SIEMENS	
LS4	(013.2C)	1	LAMP BLOCK BA9S	SIE.3SB34 00-1A	3SB34 00-1A	SIEMENS	
LS4	(013.2C)	1	WHITE LAMP LED 120V	SIE.3SB39 01-1QD	3SB39 01-1QD	SIEMENS	
LS5	(013.6C)	1	LIGHT BLOCK RULE LENSE WHITE	SIE.3SB35 01-6BA60	3SB35 01-6BA60	SIEMENS	
LS5	(013.6C)	1	LAMP BLOCK BA9S	SIE.3SB34 00-1A	3SB34 00-1A	SIEMENS	
LS5	(013.6C)	1	WHITE LAMP LED 120V	SIE.3SB39 01-1QD	3SB39 01-1QD	SIEMENS	
PD1	(010.5B)	1	POWER DISTRIBUTION BLOCK 80A	ERI.569010	569010	ERICO	
PD2	(010.8B)	1	POWER DISTRIBUTION BLOCK 80A	ERI.569010	569010	ERICO	
PS1	(015.4B)	1	SITOP POWER SUPPLY 120-230V/24VDC 20A	SIE.6EP1 336-3BA00	6EP1 336-3BA00	SIEMENS	
PWR0	(027.2A)	1	POWER SUPPLY 10A 120/240V	ROC.1756-PA72	1756-PA72	ROCKWELL AUTOMATION	
PWR1	(027.2D)	1	POWER SUPPLY 10A 120/240V	ROC.1756-PA72	1756-PA72	ROCKWELL AUTOMATION	
PWR2	(028.2A)	1	POWER SUPPLY 10A 120/240V	ROC.1756-PA72	1756-PA72	ROCKWELL AUTOMATION	
R1	(012.7D)	1	HEATING RESISTANCE FSHT 250W 230V	ALF.FSHT250	FSHT250	ALFA PLASTIC	
R00200	(030.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00201	(030.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00202	(030.4C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00203	(030.5C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00204	(030.6C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00205	(030.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00206	(030.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00207	(030.8C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00208	(031.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00209	(031.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00210	(031.4C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00211	(031.5C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00212	(031.6C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00213	(031.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00214	(031.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00215	(031.8C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00216	(032.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00217	(032.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	

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R00218	(032.4C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00219	(032.5C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00220	(032.6C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00221	(032.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00222	(032.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00223	(032.8C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00224	(033.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00225	(033.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00226	(033.4C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00227	(033.5C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00228	(033.6C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00229	(033.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00230	(033.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00231	(033.8C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00300	(034.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00301	(034.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00302	(034.4C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00303	(034.5C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00304	(034.6C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00305	(034.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00306	(034.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00307	(034.8C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00308	(035.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00309	(035.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00310	(035.4C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00311	(035.5C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00312	(035.6C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00313	(035.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00314	(035.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00315	(035.8C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00316	(036.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00317	(036.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00318	(036.4C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00319	(036.5C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00320	(036.6C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00321	(036.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00322	(036.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00323	(036.8C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00324	(037.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00325	(037.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	

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R00326	(037.4C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00327	(037.5C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00328	(037.6C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00329	(037.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00330	(037.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00331	(037.8C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00400	(038.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00401	(038.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00402	(038.4C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00403	(038.5C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00404	(038.6C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00405	(038.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00406	(038.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00407	(038.8C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00408	(039.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00409	(039.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00410	(039.4C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00411	(039.5C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00412	(039.6C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00413	(039.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00414	(039.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00415	(039.8C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00416	(040.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00417	(040.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00418	(040.4C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00419	(040.5C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00420	(040.6C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00421	(040.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00422	(040.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00423	(040.8C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00424	(041.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00425	(041.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00426	(041.4C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00427	(041.5C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00428	(041.6C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00429	(041.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00430	(041.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00431	(041.8C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00500	(042.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00501	(042.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	

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R00502	(042.4C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00503	(042.5C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00504	(042.6C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00505	(042.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00506	(042.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00507	(042.8C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00508	(043.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00509	(043.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00510	(043.4C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00511	(043.5C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00512	(043.6C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00513	(043.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00514	(043.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00515	(043.8C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00516	(044.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00517	(044.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00518	(044.4C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00519	(044.5C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00520	(044.6C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00521	(044.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00522	(044.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00523	(044.8C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00524	(045.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00525	(045.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00526	(045.4C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00527	(045.5C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00528	(045.6C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00529	(045.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00530	(045.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00531	(045.8C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00600	(046.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00601	(046.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00602	(046.4C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00603	(046.5C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00604	(046.6C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00605	(046.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00606	(046.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00607	(046.8C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00608	(047.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00609	(047.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	

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R00610	(047.4C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00611	(047.5C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00612	(047.6C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00613	(047.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00614	(047.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00615	(047.8C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00616	(048.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00617	(048.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00618	(048.4C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00619	(048.5C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00620	(048.6C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00621	(048.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00622	(048.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00623	(048.8C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00624	(049.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00625	(049.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00626	(049.4C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00627	(049.5C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00628	(049.6C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00629	(049.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00630	(049.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00631	(049.8C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00700	(050.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00701	(050.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00702	(050.4C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00703	(050.5C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00704	(050.6C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00705	(050.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00706	(050.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00707	(050.8C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00708	(051.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00709	(051.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00710	(051.4C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00711	(051.5C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00712	(051.6C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00713	(051.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00714	(051.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00715	(051.8C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00716	(052.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00717	(052.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	

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R00718	(052.4C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00719	(052.5C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00720	(052.6C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00721	(052.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00722	(052.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00723	(052.8C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00724	(053.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00725	(053.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00726	(053.4C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00727	(053.5C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00728	(053.6C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00729	(053.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00730	(053.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00731	(053.8C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00800	(054.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00801	(054.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00802	(054.4C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00803	(054.5C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00804	(054.6C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00805	(054.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00806	(054.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00807	(054.8C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00808	(055.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00809	(055.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00810	(055.4C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00811	(055.5C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00812	(055.6C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00813	(055.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00814	(055.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00815	(055.8C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00816	(056.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00817	(056.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00818	(056.4C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00819	(056.5C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00820	(056.6C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00821	(056.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00822	(056.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00823	(056.8C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00824	(057.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00825	(057.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	

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R00826	(057.4C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00827	(057.5C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00828	(057.6C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00829	(057.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00830	(057.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00831	(057.8C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00900	(058.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00901	(058.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00902	(058.4C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00903	(058.5C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00904	(058.6C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00905	(058.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00906	(058.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00907	(058.8C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00908	(059.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00909	(059.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00910	(059.4C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00911	(059.5C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00912	(059.6C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00913	(059.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00914	(059.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00915	(059.8C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00916	(060.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00917	(060.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00918	(060.4C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00919	(060.5C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00920	(060.6C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00921	(060.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00922	(060.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00923	(060.8C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00924	(061.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00925	(061.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00926	(061.4C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00927	(061.5C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00928	(061.6C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00929	(061.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00930	(061.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R00931	(061.8C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R01000	(062.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R01001	(062.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	

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R01002	(062.4C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R01003	(062.5C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R01004	(062.6C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R01005	(062.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R01006	(062.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R01007	(062.8C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R01008	(063.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R01009	(063.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R01010	(063.4C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R01011	(063.5C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R01012	(063.6C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R01013	(063.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R01014	(063.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R01015	(063.8C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R01016	(064.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R01017	(064.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R01018	(064.4C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R01019	(064.5C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R01020	(064.6C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R01021	(064.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R01022	(064.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R01023	(064.8C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R01024	(065.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R01025	(065.3C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R01026	(065.4C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R01027	(065.5C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R01028	(065.6C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R01029	(065.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R01030	(065.7C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
R01031	(065.8C)	1	RELAY 24VDC	WEI.MRS24VDC1CO	853364	WEIDMULLER	
RACK0	(027.2B)	1	RACK UNIT 17 SLOT	ROC.1756-A17	1756-A17	ROCKWELL AUTOMATION	
RACK0	(027.2B)	5	CARD SLOT FILLER	ROC.1756-N2	1756-N2	ROCKWELL AUTOMATION	
RACK1	(027.2D)	1	RACK UNIT 17 SLOT	ROC.1756-A17	1756-A17	ROCKWELL AUTOMATION	
RACK2	(028.2B)	1	RACK UNIT 17 SLOT	ROC.1756-A17	1756-A17	ROCKWELL AUTOMATION	
RL1	(012.8D)	1	RELAY MY4 220VAC - 4 CHANGE-OVER CONTACTS 5A	OMR.MY4IN220CA	MY4IN220CA	OMRON	
RL1	(012.8D)	1	SOCKET FOR 4 CHANGE-OVER CONTACTS RELAYS	OMR.PYF14ESN	PYF14ESN	OMRON	
RL2	(012.8D)	1	RELAY MY4 220VAC - 4 CHANGE-OVER CONTACTS 5A	OMR.MY4IN220CA	MY4IN220CA	OMRON	
RL2	(012.8D)	1	SOCKET FOR 4 CHANGE-OVER CONTACTS RELAYS	OMR.PYF14ESN	PYF14ESN	OMRON	
RL3	(015.4C)	1	RELAY MY4 24VDC - 4 CHANGE-OVER CONTACTS 5A	OMR.MY4IN24DC-D2	MY4IN24DC-D2	OMRON	
RL3	(015.4C)	1	SOCKET FOR 4 CHANGE-OVER CONTACTS RELAYS	OMR.PYF14ESN	PYF14ESN	OMRON	

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RL4	(023.3B)	1	RELAY MY4 24VDC - 4 CHANGE-OVER CONTACTS 5A	OMR.MY4IN24DC-D2	MY4IN24DC-D2	OMRON	
RL4	(023.3B)	1	SOCKET FOR 4 CHANGE-OVER CONTACTS RELAYS	OMR.PYF14ESN	PYF14ESN	OMRON	
RL5	(023.5B)	1	RELAY MY4 24VDC - 4 CHANGE-OVER CONTACTS 5A	OMR.MY4IN24DC-D2	MY4IN24DC-D2	OMRON	
RL5	(023.5B)	1	SOCKET FOR 4 CHANGE-OVER CONTACTS RELAYS	OMR.PYF14ESN	PYF14ESN	OMRON	
RL6	(023.7B)	1	RELAY MY4 24VDC - 4 CHANGE-OVER CONTACTS 5A	OMR.MY4IN24DC-D2	MY4IN24DC-D2	OMRON	
RL6	(023.7B)	1	SOCKET FOR 4 CHANGE-OVER CONTACTS RELAYS	OMR.PYF14ESN	PYF14ESN	OMRON	
RL7	(023.9B)	1	RELAY MY4 24VDC - 4 CHANGE-OVER CONTACTS 5A	OMR.MY4IN24DC-D2	MY4IN24DC-D2	OMRON	
RL7	(023.9B)	1	SOCKET FOR 4 CHANGE-OVER CONTACTS RELAYS	OMR.PYF14ESN	PYF14ESN	OMRON	
RL8	(024.3B)	1	RELAY MY4 24VDC - 4 CHANGE-OVER CONTACTS 5A	OMR.MY4IN24DC-D2	MY4IN24DC-D2	OMRON	
RL8	(024.3B)	1	SOCKET FOR 4 CHANGE-OVER CONTACTS RELAYS	OMR.PYF14ESN	PYF14ESN	OMRON	
RL9	(024.5B)	1	RELAY MY4 24VDC - 4 CHANGE-OVER CONTACTS 5A	OMR.MY4IN24DC-D2	MY4IN24DC-D2	OMRON	
RL9	(024.5B)	1	SOCKET FOR 4 CHANGE-OVER CONTACTS RELAYS	OMR.PYF14ESN	PYF14ESN	OMRON	
RL10	(024.7B)	1	RELAY MY4 24VDC - 4 CHANGE-OVER CONTACTS 5A	OMR.MY4IN24DC-D2	MY4IN24DC-D2	OMRON	
RL10	(024.7B)	1	SOCKET FOR 4 CHANGE-OVER CONTACTS RELAYS	OMR.PYF14ESN	PYF14ESN	OMRON	
RL11	(024.9B)	1	RELAY MY4 24VDC - 4 CHANGE-OVER CONTACTS 5A	OMR.MY4IN24DC-D2	MY4IN24DC-D2	OMRON	
RL11	(024.9B)	1	SOCKET FOR 4 CHANGE-OVER CONTACTS RELAYS	OMR.PYF14ESN	PYF14ESN	OMRON	
RL12	(025.3B)	1	RELAY MY4 24VDC - 4 CHANGE-OVER CONTACTS 5A	OMR.MY4IN24DC-D2	MY4IN24DC-D2	OMRON	
RL12	(025.3B)	1	SOCKET FOR 4 CHANGE-OVER CONTACTS RELAYS	OMR.PYF14ESN	PYF14ESN	OMRON	
RL13	(025.5B)	1	RELAY MY4 24VDC - 4 CHANGE-OVER CONTACTS 5A	OMR.MY4IN24DC-D2	MY4IN24DC-D2	OMRON	
RL13	(025.5B)	1	SOCKET FOR 4 CHANGE-OVER CONTACTS RELAYS	OMR.PYF14ESN	PYF14ESN	OMRON	
SP1	(116.8C)	1	FLUSH PUSHBUTTON BLUE	SIE.3SB35 00-0AA51	3SB35 00-0AA51	SIEMENS	
SP1	(116.8C)	1	1L CONTACT	SIE.3SB34 00-0B	3SB34 00-0B	SIEMENS	
TB-AI	(010.1C)	1	SMALL TERMINAL INDICATOR	WEI.SCHT5S	163193	WEIDMULLER	
TB-AI	(010.1C)	1	SMALL PROTECTIVE STRIP	WEI.STR5S	163194	WEIDMULLER	
TB-AI	(010.1C)	2	END TERMINAL EW35	WEI.EW35	038356	WEIDMULLER	
TB-AI	(010.1C)	96	DOUBLE-DECK TERMINAL WITH FUSE 4mm²	WEI.KDKS 1/35	950331	WEIDMULLER	
TB-AI	(010.1C)	1	TERMINAL PLATE AP KDKS1	WEI.AP KDKS1	950333	WEIDMULLER	
TB-AI	(010.1C)	96	FUSE 5X20 200mA F	IW0100200	0100200	ITALWEBER	
TB-AL	(010.1D)	1	SMALL TERMINAL INDICATOR	WEI.SCHT5S	163193	WEIDMULLER	
TB-AL	(010.1D)	1	SMALL PROTECTIVE STRIP	WEI.STR5S	163194	WEIDMULLER	
TB-AL	(010.1D)	2	END TERMINAL EW35	WEI.EW35	038356	WEIDMULLER	
TB-AL	(010.1D)	145	DOUBLE-DECK TERMINAL WITH FUSE 4mm²	WEI.KDKS 1/35	950331	WEIDMULLER	
TB-AL	(010.1D)	1	TERMINAL PLATE AP KDKS1	WEI.AP KDKS1	950333	WEIDMULLER	
TB-AL	(010.1D)	145	FUSE 5X20 200mA F	IW0100200	0100200	ITALWEBER	
TB-AO	(010.1D)	1	SMALL TERMINAL INDICATOR	WEI.SCHT5S	163193	WEIDMULLER	
TB-AO	(010.1D)	1	SMALL PROTECTIVE STRIP	WEI.STR5S	163194	WEIDMULLER	
TB-AO	(010.1D)	2	END TERMINAL EW35	WEI.EW35	038356	WEIDMULLER	
TB-AO	(010.1D)	40	DOUBLE-DECK TERMINAL WITH FUSE 4mm²	WEI.KDKS 1/35	950331	WEIDMULLER	
TB-AO	(010.1D)	1	TERMINAL PLATE AP KDKS1	WEI.AP KDKS1	950333	WEIDMULLER	
TB-AO	(010.1D)	40	FUSE 5X20 200mA F	IW0100200	0100200	ITALWEBER	

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TB-ITK	(010.1D)	1	SMALL TERMINAL INDICATOR	WEI.SCHT5S	163193	WEIDMULLER	
TB-ITK	(010.1D)	1	SMALL PROTECTIVE STRIP	WEI.STR5S	163194	WEIDMULLER	
TB-ITK	(010.1D)	2	END TERMINAL EW35	WEI.EW35	038356	WEIDMULLER	
TB-ITK	(010.1D)	10	FUSE PROTECTED THROUGH TERMINAL WSI6 6mm²	WEI.WSI6	101100	WEIDMULLER	
TB-ITK	(010.1D)	10	THROUGH TERMINAL WDU4 4mm²	WEI.WDU4	102010	WEIDMULLER	
TB-ITK	(010.1D)	20	DOUBLE-DECK TERMINAL SEPARATE DK4Q 2,5mm²	WEI.WDK2,5	102150	WEIDMULLER	
TB-ITK	(010.1D)	10	COVER PLATE WAP 2,5÷10mm²	WEI.WAP2,5-10	105000	WEIDMULLER	
TB-ITK	(010.1D)	10	COVER PLATE WAP 2,5mm² TERMINAL	WEI.WAP WDK WEMID	105910	WEIDMULLER	
TB-ITK	(010.1D)	10	FUSE 5X20 2A F	IW0102002	0102002	ITALWEBER	
TB-MOT-DI	(010.1D)	2	SMALL TERMINAL INDICATOR	WEI.SCHT5S	163193	WEIDMULLER	
TB-MOT-DI	(010.1D)	2	SMALL PROTECTIVE STRIP	WEI.STR5S	163194	WEIDMULLER	
TB-MOT-DI	(010.1D)	4	END TERMINAL EW35	WEI.EW35	038356	WEIDMULLER	
TB-MOT-DI	(010.1D)	256	DOUBLE-DECK TERMINAL WITH FUSE 4mm²	WEI.KDKS 1/35	950331	WEIDMULLER	
TB-MOT-DI	(010.1D)	2	TERMINAL PLATE AP KDKS1	WEI.AP KDKS1	950333	WEIDMULLER	
TB-MOT-DI	(010.1D)	256	FUSE 5X20 200mA F	IW0100200	0100200	ITALWEBER	
TB-MOT-DO	(010.1D)	1	SMALL TERMINAL INDICATOR	WEI.SCHT5S	163193	WEIDMULLER	
TB-MOT-DO	(010.1D)	1	SMALL PROTECTIVE STRIP	WEI.STR5S	163194	WEIDMULLER	
TB-MOT-DO	(010.1D)	2	END TERMINAL EW35	WEI.EW35	038356	WEIDMULLER	
TB-PC	(010.1D)	1	SMALL TERMINAL INDICATOR	WEI.SCHT5S	163193	WEIDMULLER	
TB-PC	(010.1D)	1	SMALL PROTECTIVE STRIP	WEI.STR5S	163194	WEIDMULLER	
TB-PC	(010.1D)	1	END TERMINAL EW35	WEI.EW35	038356	WEIDMULLER	
TB-PC	(010.1D)	2	THROUGH TERMINAL WDU6 6mm²	WEI.WDU6	102020	WEIDMULLER	
TB-PC	(010.1D)	1	GROUND THROUGH TERMINAL WPE6 6mm²	WEI.WPE6	101020	WEIDMULLER	
TB-PC	(010.1D)	1	COVER PLATE WAP 2,5÷10mm²	WEI.WAP2,5-10	105000	WEIDMULLER	
TB-PS-110	(010.1C)	1	SMALL TERMINAL INDICATOR	WEI.SCHT5S	163193	WEIDMULLER	
TB-PS-110	(010.1C)	1	SMALL PROTECTIVE STRIP	WEI.STR5S	163194	WEIDMULLER	
TB-PS-110	(010.1C)	2	END TERMINAL EW35	WEI.EW35	038356	WEIDMULLER	
TB-PS-110	(010.1C)	6	DOUBLE-DECK TERMINAL SEPARATE DK4Q 2,5mm²	WEI.WDK2,5	102150	WEIDMULLER	
TB-PS-110	(010.1C)	1	COVER PLATE WAP 2,5mm² TERMINAL	WEI.WAP WDK WEMID	105910	WEIDMULLER	
TB-PS-M	(010.1C)	1	SMALL TERMINAL INDICATOR	WEI.SCHT5S	163193	WEIDMULLER	
TB-PS-M	(010.1C)	1	SMALL PROTECTIVE STRIP	WEI.STR5S	163194	WEIDMULLER	
TB-PS-M	(010.1C)	1	END TERMINAL EW35	WEI.EW35	038356	WEIDMULLER	
TB-PS-M	(010.1C)	2	THROUGH TERMINAL WDU16N 16mm²	WEI.WDU16N	103610	WEIDMULLER	
TB-PS-M	(010.1C)	1	GROUND THROUGH TERMINAL WPE16 16mm²	WEI.WPE16	101040	WEIDMULLER	
TB-PS-S	(010.1C)	1	SMALL TERMINAL INDICATOR	WEI.SCHT5S	163193	WEIDMULLER	
TB-PS-S	(010.1C)	1	SMALL PROTECTIVE STRIP	WEI.STR5S	163194	WEIDMULLER	
TB-PS-S	(010.1C)	1	END TERMINAL EW35	WEI.EW35	038356	WEIDMULLER	
TB-PS-S	(010.1C)	2	THROUGH TERMINAL WDU10 10mm²	WEI.WDU10	102030	WEIDMULLER	
TB-PS-S	(010.1C)	1	GROUND THROUGH TERMINAL WPE10 10mm²	WEI.WPE10	101030	WEIDMULLER	
TB-VAL-DI	(010.1D)	2	SMALL TERMINAL INDICATOR	WEI.SCHT5S	163193	WEIDMULLER	

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TB-VAL-DI	(010.1D)	2	SMALL PROTECTIVE STRIP	WEI.STR5S	163194	WEIDMULLER	
TB-VAL-DI	(010.1D)	4	END TERMINAL EW35	WEI.EW35	038356	WEIDMULLER	
TB-VAL-DI	(010.1D)	192	DOUBLE-DECK TERMINAL WITH FUSE 4mm²	WEI.KDKS 1/35	950331	WEIDMULLER	
TB-VAL-DI	(010.1D)	2	TERMINAL PLATE AP KDKS1	WEI.AP KDKS1	950333	WEIDMULLER	
TB-VAL-DI	(010.1D)	192	FUSE 5X20 200mA F	IW0100200	0100200	ITALWEBER	
TB-VAL-DO	(010.1D)	1	SMALL TERMINAL INDICATOR	WEI.SCHT5S	163193	WEIDMULLER	
TB-VAL-DO	(010.1D)	1	SMALL PROTECTIVE STRIP	WEI.STR5S	163194	WEIDMULLER	
TB-VAL-DO	(010.1D)	2	END TERMINAL EW35	WEI.EW35	038356	WEIDMULLER	
TB-VAL-DO	(010.1D)	22	DOUBLE-DECK TERMINAL WITH FUSE 4mm²	WEI.KDKS 1/35	950331	WEIDMULLER	
TB-VAL-DO	(010.1D)	1	TERMINAL PLATE AP KDKS1	WEI.AP KDKS1	950333	WEIDMULLER	
TB-VAL-DO	(010.1D)	22	FUSE 5X20 1A F	IW0101001	0101001	ITALWEBER	
TB-VAL-DO-110	(010.1D)	1	SMALL TERMINAL INDICATOR	WEI.SCHT5S	163193	WEIDMULLER	
TB-VAL-DO-110	(010.1D)	1	SMALL PROTECTIVE STRIP	WEI.STR5S	163194	WEIDMULLER	
TB-VAL-DO-110	(010.1D)	2	END TERMINAL EW35	WEI.EW35	038356	WEIDMULLER	
TB-VAL-DO-110	(010.1D)	89	DOUBLE-DECK TERMINAL WITH FUSE 4mm²	WEI.KDKS 1/35	950331	WEIDMULLER	
TB-VAL-DO-110	(010.1D)	1	TERMINAL PLATE AP KDKS1	WEI.AP KDKS1	950333	WEIDMULLER	
TB-VAL-DO-110	(010.1D)	89	FUSE 5X20 1A F	IW0101001	0101001	ITALWEBER	
TB1	(010.1C)	2	SMALL TERMINAL INDICATOR	WEI.SCHT5S	163193	WEIDMULLER	
TB1	(010.1C)	2	SMALL PROTECTIVE STRIP	WEI.STR5S	163194	WEIDMULLER	
TB1	(010.1C)	3	END TERMINAL EW35	WEI.EW35	038356	WEIDMULLER	
TB1	(010.1C)	24	THROUGH TERMINAL WDU4 4mm²	WEI.WDU4	102010	WEIDMULLER	
TB1	(010.1C)	13	FUSE PROTECTED THROUGH TERMINAL WSI6 6mm²	WEI.WSI6	101100	WEIDMULLER	
TB1	(010.1C)	5	DOUBLE-DECK TERMINAL SEPARATE DK4Q 2,5mm²	WEI.WDK2,5	102150	WEIDMULLER	
TB1	(010.1C)	31	DOUBLE-DECK TERMINAL DK4Q 2,5mm²	WEI.WDK2,5V	102230	WEIDMULLER	
TB1	(010.1C)	4	GROUND THROUGH TERMINAL WPE4 4mm²	WEI.WPE4	101010	WEIDMULLER	
TB1	(010.1C)	10	DISCONNECTING SWITCH TERMINAL WTR 2.5mm²	WEI.WTR 2.5	185561	WEIDMULLER	
TB1	(010.1C)	5	COVER PLATE WAP 2,5÷10mm²	WEI.WAP2,5-10	105000	WEIDMULLER	
TB1	(010.1C)	9	COVER PLATE WAP 2,5mm² TERMINAL	WEI.WAP WDK WEMID	105910	WEIDMULLER	
TB1	(010.1C)	6	FUSE 5X20 500mA F	IW0100500	0100500	ITALWEBER	
TB1	(010.1C)	4	FUSE 5X20 1A F	IW0101001	0101001	ITALWEBER	
TB1	(010.1C)	2	FUSE 5X20 2A F	IW0102002	0102002	ITALWEBER	
TB1	(010.1C)	2	BRIDGE 32 POLE FOR VDK2,5	WEI.157760	157760	WEIDMULLER	
TB2	(010.1C)	1	SMALL TERMINAL INDICATOR	WEI.SCHT5S	163193	WEIDMULLER	
TB2	(010.1C)	1	SMALL PROTECTIVE STRIP	WEI.STR5S	163194	WEIDMULLER	
TB2	(010.1C)	2	END TERMINAL EW35	WEI.EW35	038356	WEIDMULLER	
TB2	(010.1C)	8	DOUBLE-DECK TERMINAL SEPARATE DK4Q 2,5mm²	WEI.WDK2,5	102150	WEIDMULLER	
TB2	(010.1C)	1	COVER PLATE WAP 2,5mm² TERMINAL	WEI.WAP WDK WEMID	105910	WEIDMULLER	
TR1	(012.8B)	1	MECHANICAL THERMOSTAT (1NA 0:60°C)	ALF.THV2	THV2	ALFA PLASTIC	
TR2	(012.8B)	1	MECHANICAL THERMOSTAT (1NC 0:60°C)	ALF.THR2	THR2	ALFA PLASTIC	
VE1	(012.2D)	1	FAN 220VAC	EXM.M12038220HT	M12038220HT	EXO.M ELECTRIC	

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1	REVISED	TIE	02/10/2012		
0	ISSUE FOR APPROVAL	TIE	18/05/2012		

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VE1	(012.2D)	2	PROTECTION GRID D.120mm	ALF.120PLN	120PLN	ALFA PLASTIC	
VE1	(012.2D)	1	FAN SUPPORT SVZ1318	COL.SVZ1318	SVZ1318	COLAM	
VE2	(012.3D)	1	FAN 220VAC	EXM.M12038220HT	M12038220HT	EXO.M ELECTRIC	
VE2	(012.3D)	2	PROTECTION GRID D.120mm	ALF.120PLN	120PLN	ALFA PLASTIC	
VE2	(012.3D)	1	FAN SUPPORT SVZ1318	COL.SVZ1318	SVZ1318	COLAM	
VE3	(012.4D)	1	FAN 220VAC	EXM.M12038220HT	M12038220HT	EXO.M ELECTRIC	
VE3	(012.4D)	2	PROTECTION GRID D.120mm	ALF.120PLN	120PLN	ALFA PLASTIC	
VE3	(012.4D)	1	FAN SUPPORT SVZ1318	COL.SVZ1318	SVZ1318	COLAM	
VE4	(012.5D)	1	FAN 220VAC	EXM.M12038220HT	M12038220HT	EXO.M ELECTRIC	
VE4	(012.5D)	2	PROTECTION GRID D.120mm	ALF.120PLN	120PLN	ALFA PLASTIC	
VE4	(012.5D)	1	FAN SUPPORT SVZ1318	COL.SVZ1318	SVZ1318	COLAM	
X1	(012.9C)	1	SOCKET 2P+T	ALF.ARPR01	ARPR01	ALFA PLASTIC	

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