

JOB: 2F11

SABIZ PLANT

LOSS IN WEIGHT SYSTEM ITEM: 65WG4

LOCAL CONTROL PANEL: KC-65WG4

LIW FEEDER CONTROLLER: WIC-65.4

PNEUMATIC BOX: WKP-65WG4

DESMET BALLESTRA SUPPLY

ELECTRICAL & PNEUMATICAL DOCUMENTATION

WIRING DIAGRAMS - PNEUMATIC DIAGRAMS - LAYOUT - TERMINAL STRIP - MATERIAL LIST



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Drawing supplier	Rev.					
25332-CC07-E001A	1					
Drawing	Sheets					
2F11-85-086	1 of 22					
Plant	1	UPDATE AFTER TEST		DC	11/09/2012	
SABIZ	0	ISSUE FOR CONSTRUCTION		DM	06/08/2012	
	Rev.	Issue description		Author	Date	

Sheet	Revisions				
	Description	0	1	2	3
001	COVER PAGE	x	x		
002	INDEX	x	x		
003	BLOCK DIAGRAM	x	x		
004	KC-65WG4 - WIRING DIAGRAM	x	x		
005	KC-65WG4 - WIRING DIAGRAM	x	x		
006	KC-65WG4 - WIRING DIAGRAM	x	x		
007	KC-65WG4 - WIRING DIAGRAM	x	x		
008	KC-65WG4 - WIRING DIAGRAM	x	x		
009	KC-65WG4 - TERMINAL BLOCK	x	x		
010	KC-65WG4 - TERMINAL BLOCK	x	x		
011	KC-65WG4 - INTERCONNECTION	x	x		
012	KC-65WG4 - TOPOGRAPHIC VIEW	x	x		
013	KC-65WG4 - LABELS	x	x		
014	WIC-65.4 - TOPOGRAPHIC VIEW	x	x		
015	KC-65WG4 - EQUIPMENT LIST	x	x		
016	KC-65WG4 - EQUIPMENT LIST	x	x		
017	WIC 65.4 & WKP-65WG4 - ON BOARD CONN.	x	x		
018	WKP-65WG4 - PNEUMATIC DIAGRAM	x	x		
019	WKP-65WG4 - INTERNAL VIEW	x	x		
020	WKP-65WG4 - EXTERNAL VIEW	x	x		
021	WKP-65WG4 - ELECTR. EQUIPMENT LIST	x	x		
022	WKP-65WG4 - PNEUM. EQUIPMENT LIST	x	x		
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Sheet	Revisions				
	Description	0	1	2	3
046					
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	Drawing supplier 25332-CC07-E002A	Rev. 1	Plant SABIZ				
desmet ballestra	Drawing 2F11-85-086	Sheet 2 Next 3	Drawing's title INDEX	1	UPDATE AFTER TEST	DC	11/09/2012
				0	ISSUE FOR CONSTRUCTION	DM	06/08/2012
				Revision	Issue description	Author	Date

1 2 3 4 5 6 7 8

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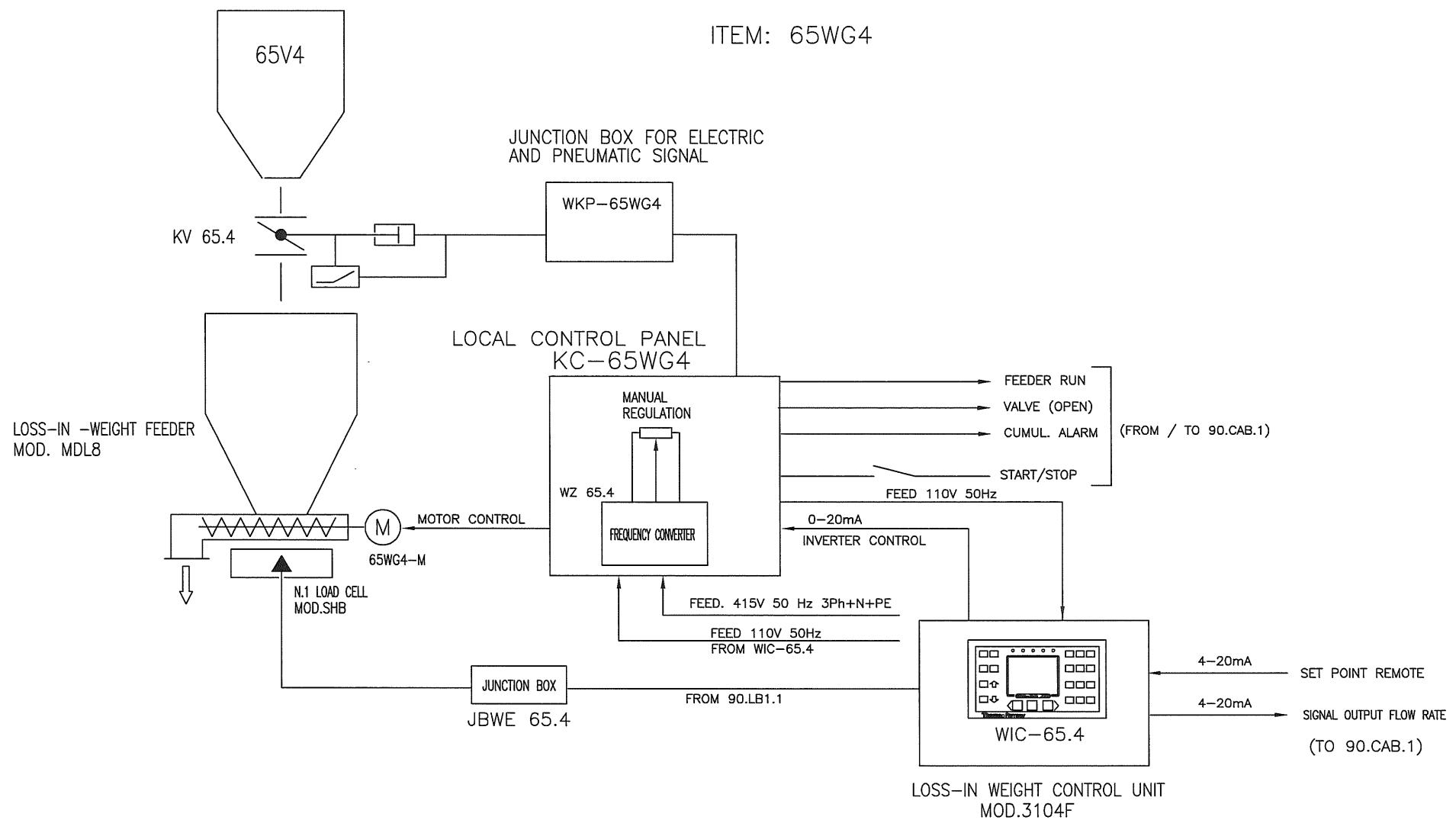
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ITEM: 65WG4



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1	UPDATE AFTER TEST	D.C.	11-09-12
0	ISSUE FOR CONSTRUCTION	D.M.	06-08-12
rev.	Issue Description	Author	Date

SABIZ PLANT



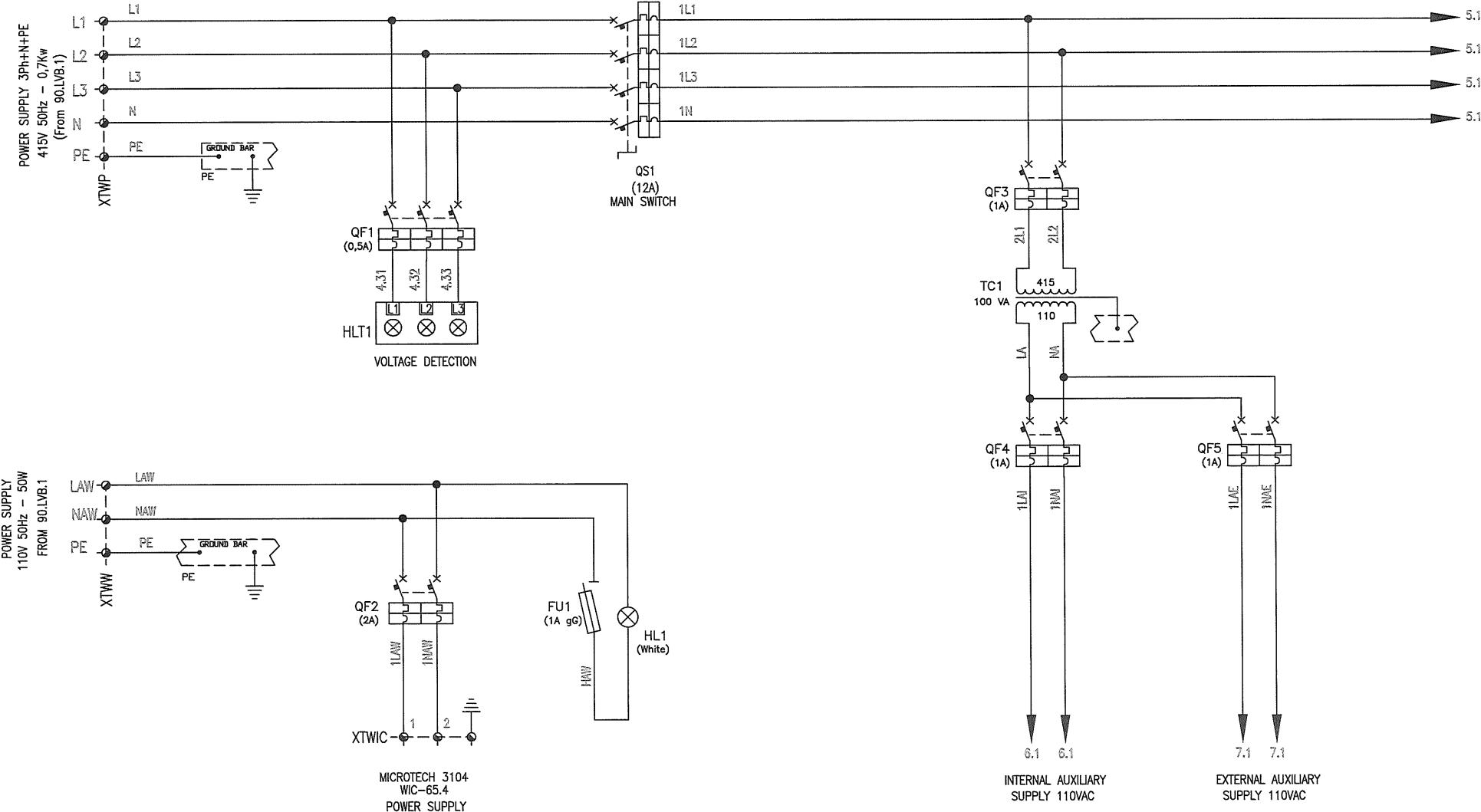
BLOCK DIAGRAM
 drawing's title:

THR: 25332-CC07-E003A = KC-65WG4

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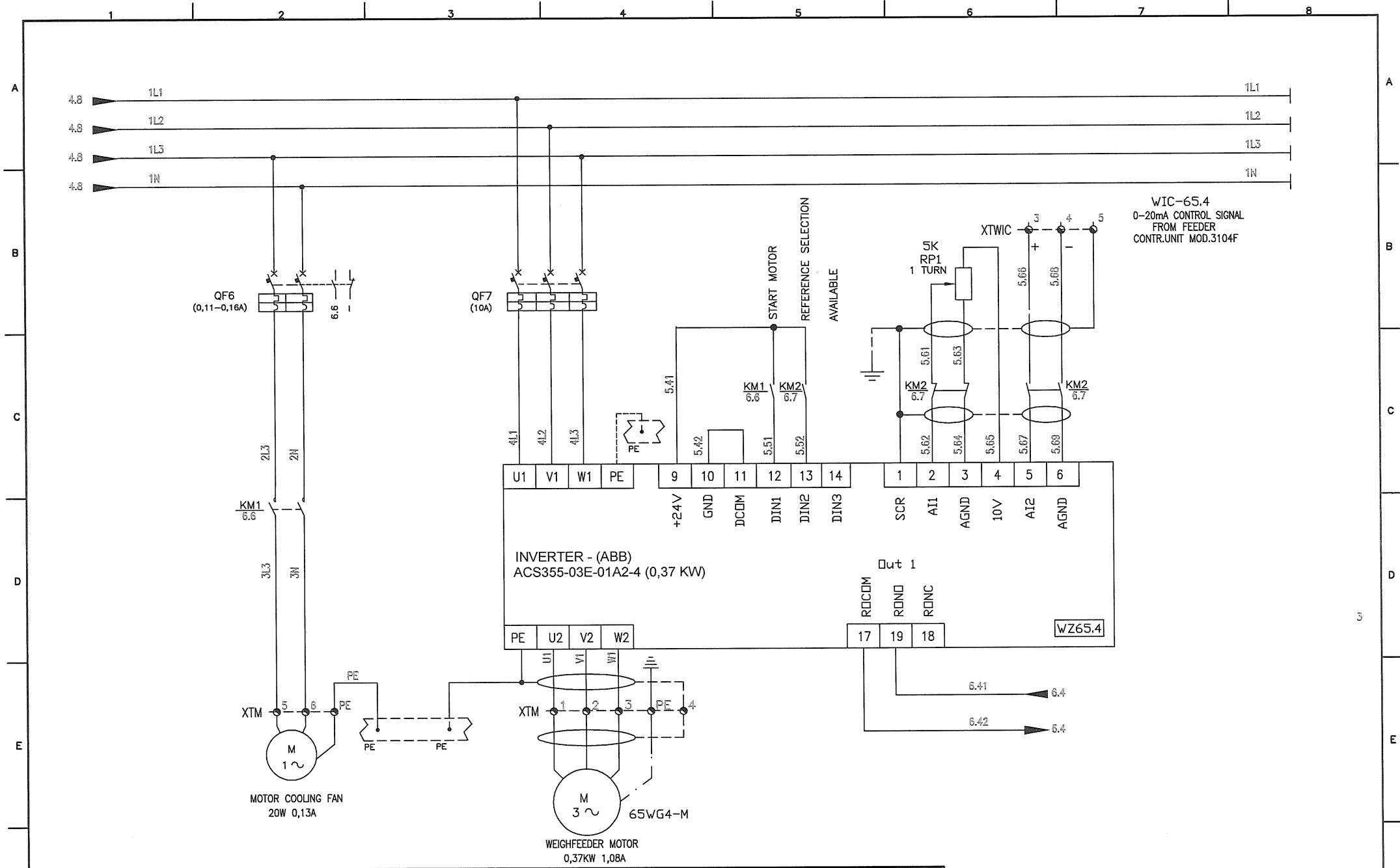
JOB : 2F11 dwg. 2F11-85-086 sheet 03

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UNI A3				SABIZ PLANT		WIRING DIAGRAM		THR: 25332-CC07-E004A		KC-65WG4
1	UPDATE AFTER TEST	D.C.	11-09-12							+
0	ISSUE FOR CONSTRUCTION	D.M.	06-08-12							sheet 04
rev.	Issue Description	Author	Date			drawing's title:		JOB : 2F11	dwg. 2F11-85-086	05 n.sh
It. DIN 6771/Tel 5	1	2	3	4	5	6	7	8		



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1	UPDATE AFTER TEST	D.C.	11-09-12
0	ISSUE FOR CONSTRUCTION	D.M.	06-08-12
rev.	Issue Description	Author	Date
It. DIN 6771/Teil 5	1	2	3

SABIZ PLANT



WIRING DIAGRAM
drawing's title:

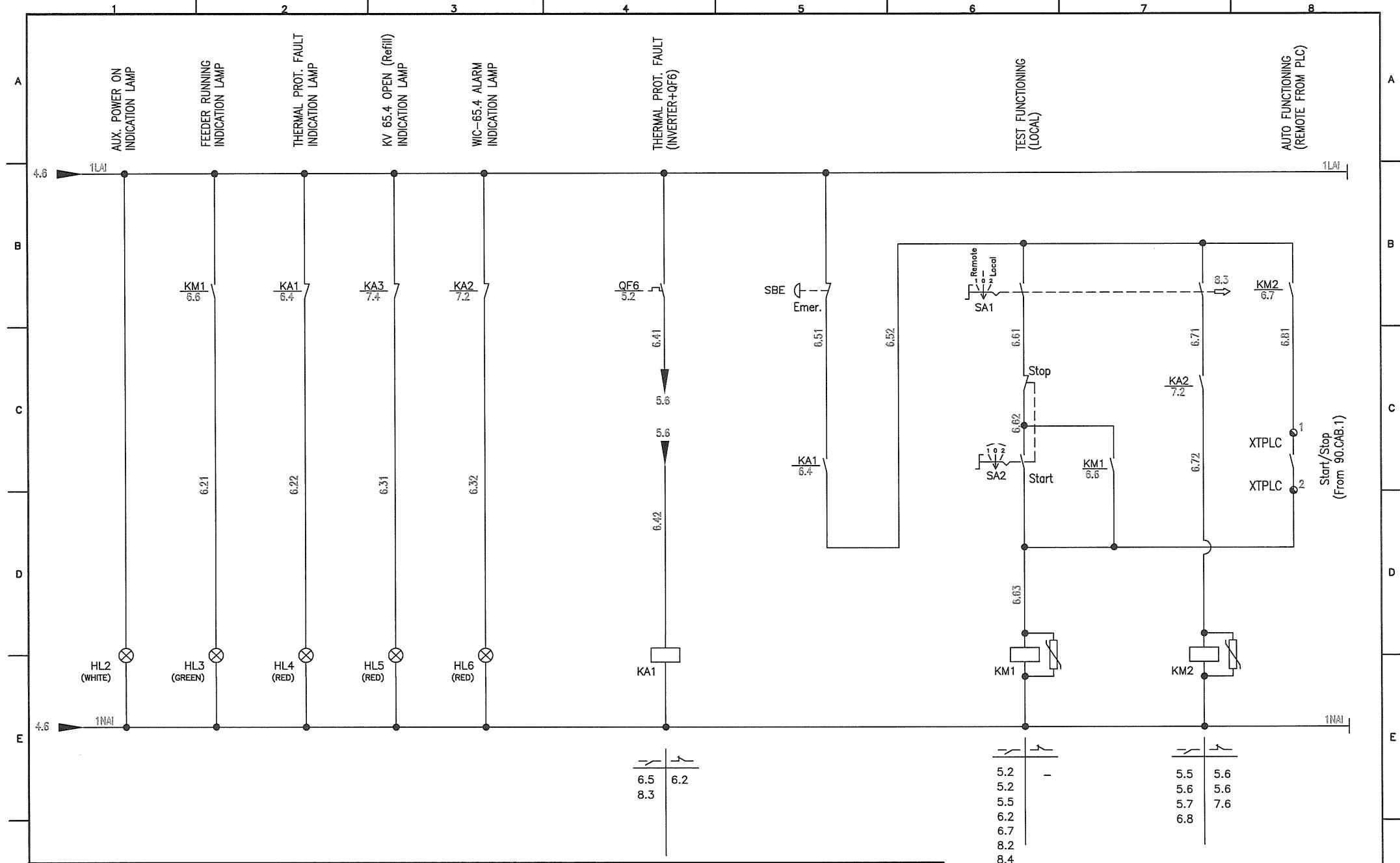
THR: 25332-CC07-E005A

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JOB : 2F11

dwg. 2F11-85-086

sheet 05
06 n.sh



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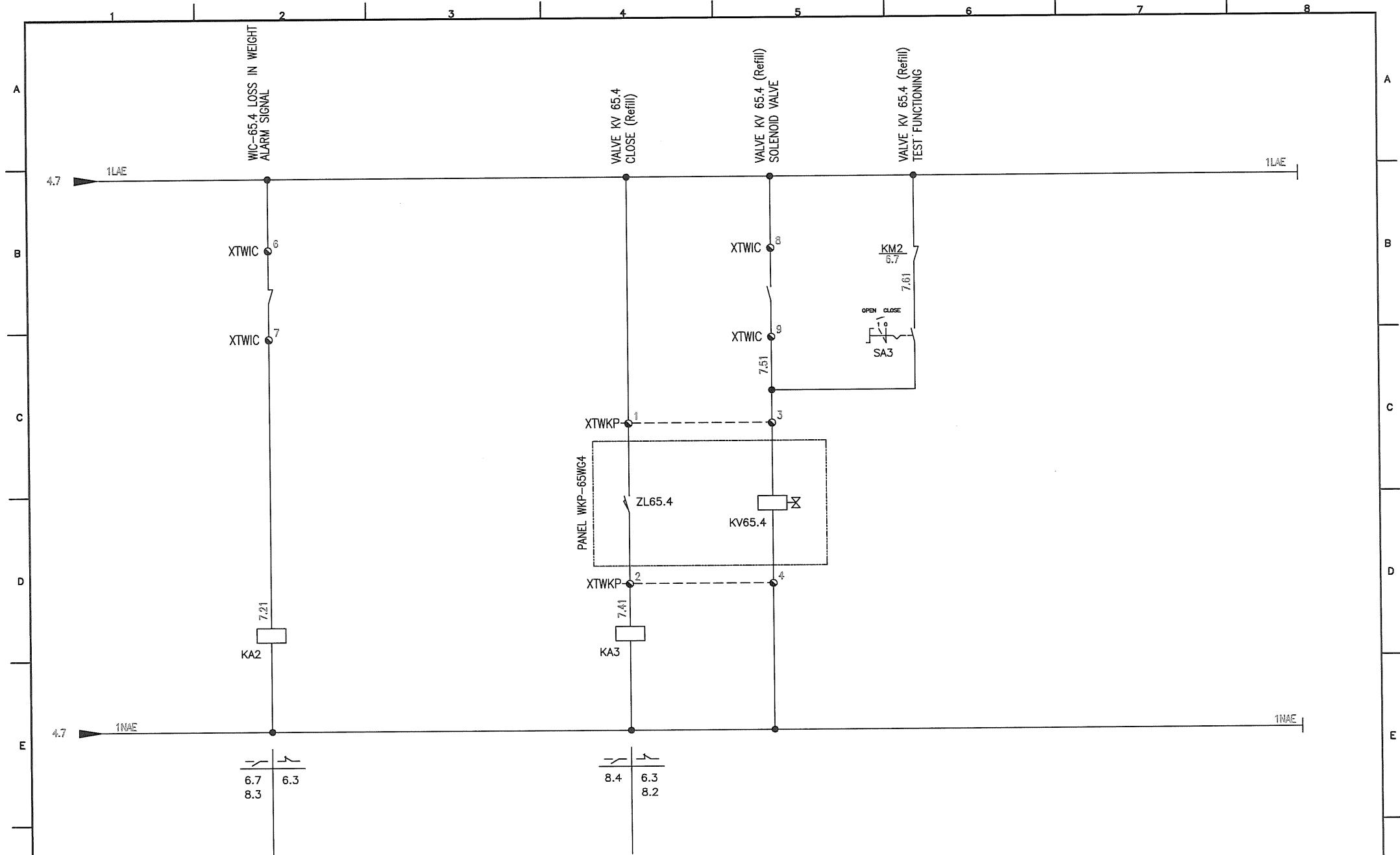
UNI A3			
1	UPDATE AFTER TEST	D.C.	11-09-12
0	ISSUE FOR CONSTRUCTION	D.M.	06-08-12
rev.	Issue Description	Author	Date

SABIZ PLANT



WIRING DIAGRAM
drawing's title:

THR: 25332-CC07-E007A	= KC-65WG4
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JOB : 2F11	dwg. 2F11-85-086
sheet 06	07 n.sh



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UNI A3				SABIZ PLANT		WIRING DIAGRAM		THR: 25332-CC07-E007A		= KC-65WG4	
1	UPDATE AFTER TEST	D.C.	11-09-12							sheet 07	
0	ISSUE FOR CONSTRUCTION	D.M.	06-08-12							08 n.sh	
rev.	Issue Description	Author	Date								
It. DIN 6771/Teil 5	1	2	3	4	5	6	7	8			

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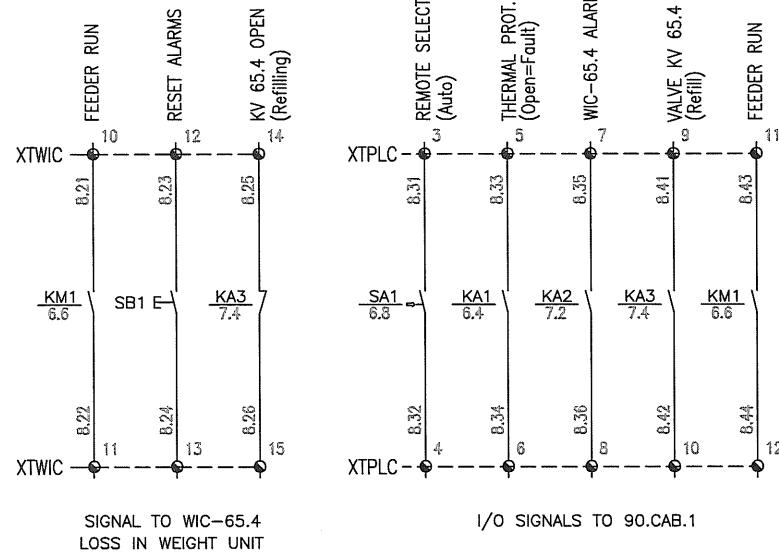
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UNI A3			
1	UPDATE AFTER TEST	D.C.	11-09-12
0	ISSUE FOR CONSTRUCTION	D.M.	06-08-12
rev.	Issue Description	Author	Date

It. DIN 6771/Teil 5 1

SABIZ PLANT



WIRING DIAGRAM
drawing's title:

THR: 25332-CC07-E008A = KC-65VG4

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JOB : 2F11 dwg. 2F11-85-086 sheet 08

09 n.sh

Cavo Nr. Cable Nr.		Identificazione morsettiera / designation group strip		Tipo morsettiera Terminal type			
		DESTINAZIONE Destination mark		Terminale Terminal		ORIGINE Destination mark	
		Apparecchiatura Designation group		Morsettiera Fish plate c.		Identif. collegamento Designation group	
Morsettiera Terminal	Nr. Nr.	XTWWP		Morsettiera Terminal	Nr. Nr.	ORIGINE Destination mark	
		O L1	L1	O L2	L2	Destinazione mark Identif. collegamento	
		O L3	L3	O N	N	Designation group Designation group	
		O PE	$\frac{1}{\bar{1}}$				
		XTWW					
		O LAW	LAW	O NAV	NAV		
		O PE	$\frac{1}{\bar{1}}$				
		XTM					
		O 1	U1				
		O 2	V1				
		O 3	W1				
		O 4	SHIELD				
		O PE	$\frac{1}{\bar{1}}$				
		O 5	3L3				
		O 6	3N				
		O PE	$\frac{1}{\bar{1}}$				
		XTWIC					
		O 1	1LAW				
		O 2	1NAV				
		O PE	$\frac{1}{\bar{1}}$				
		O 3	5.66				
		O 4	5.68				
		O 5	SHIELD				
		O 6	1LAE				
		O 7	7.21				
		O 8	1LAE				
		O 9	7.51				
		O 10	8.21				
		O 11	8.22				
		O 12	8.23				
		O 13	8.24				
		O 14	8.25				
		O 15	8.26				
		O 16	Spare				
		O 17	Spare				
		XTWKP					
		O 1	1LAE				
		O 2	7.41				
		O 3	7.51				
		O 4	1NAE				

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UNI A3		
1	UPDATE AFTER TEST	D.C. 11-09-12
0	ISSUE FOR CONSTRUCTION	D.M. 06-08-12
rev.	Issue Description	Author Date

SABIZ PLANT



TERMINAL BLOCK
drawing's title:

THR: 25332-CC07-E009A

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JOB : 2F11 dwg. 2F11-85-086

sheet 09
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UNI A3	1 UPDATE AFTER TEST	D.C.	11-09-12
	0 ISSUE FOR CONSTRUCTION	D.M.	06-08-12
rev.	Issue Description	Author	Date
It. DIN 6771 Teil 5, 1			2

SABIZ PLANT

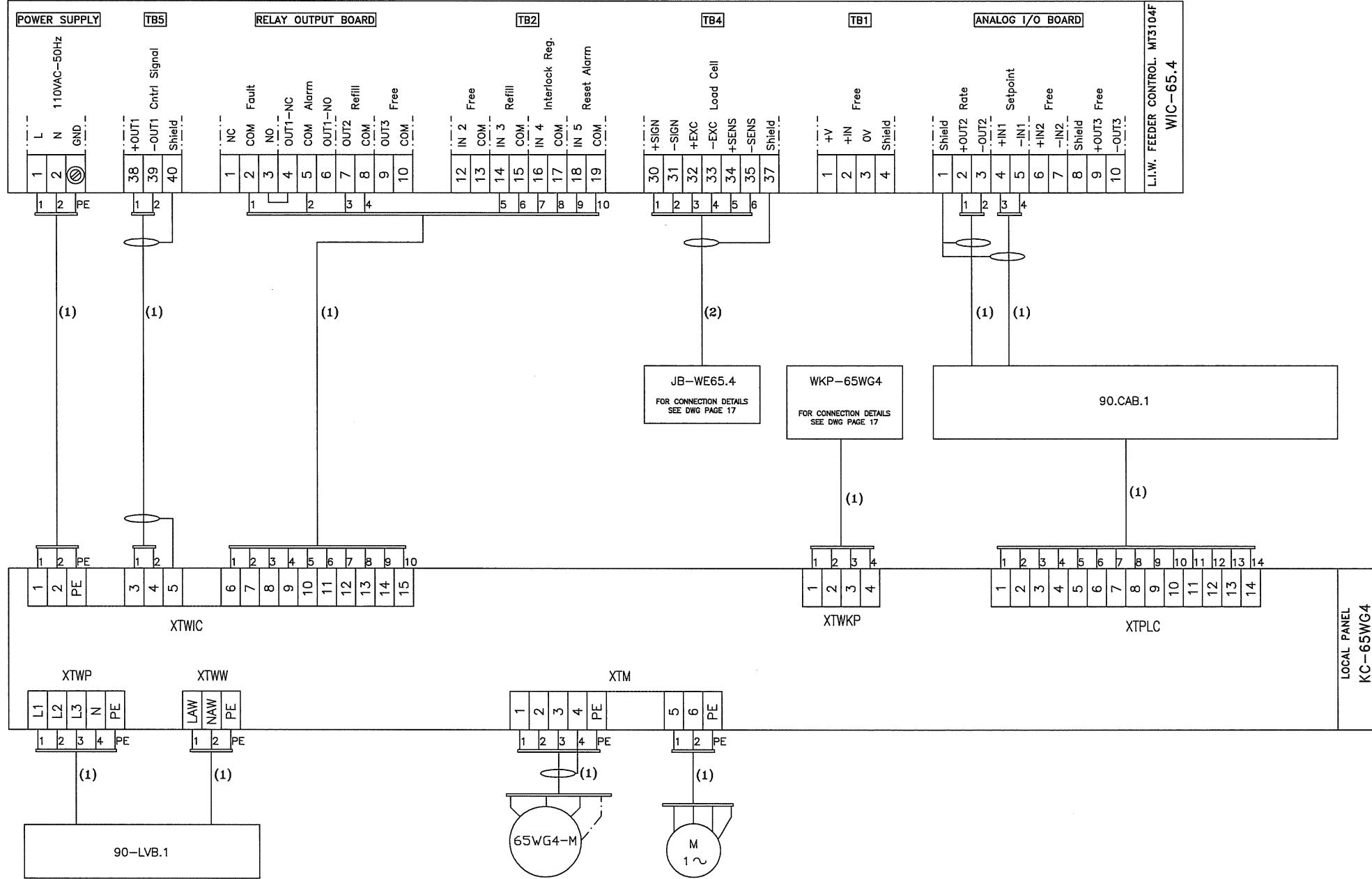


TERMINAL BLOCK
drawing's title:

THR: 25332-CC07-E010A

= KC-65WG4
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sheet 10
11 n.sh



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(1) Cable supply by Ballestra (2) Cable supply by Ramsey

UNI A3					
1	UPDATE AFTER TEST	D.C.	11-09-12		= KC-65VG4
0	ISSUE FOR CONSTRUCTION	D.M.	06-08-12		+

SABIZ PLANT



INTERCONNECTION
drawing's title:

THR: 25332-CC07-E011A

JOB : 2F11

dwg. 2F11-85-086

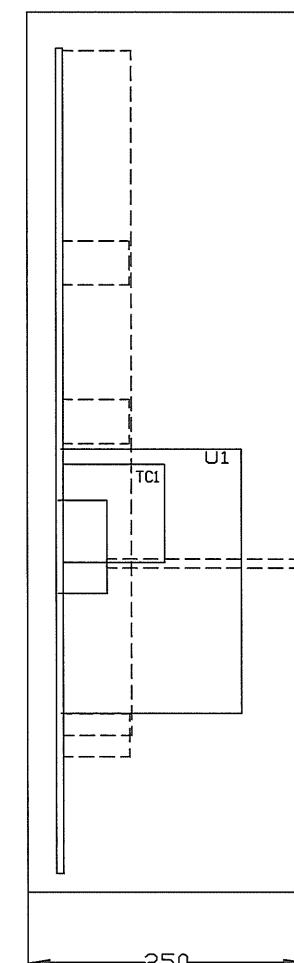
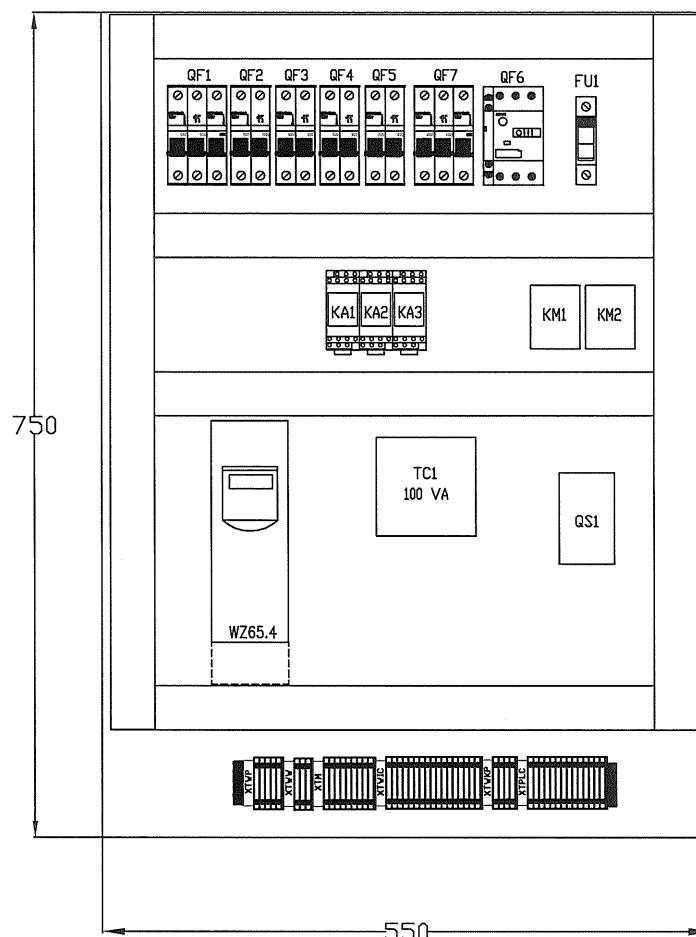
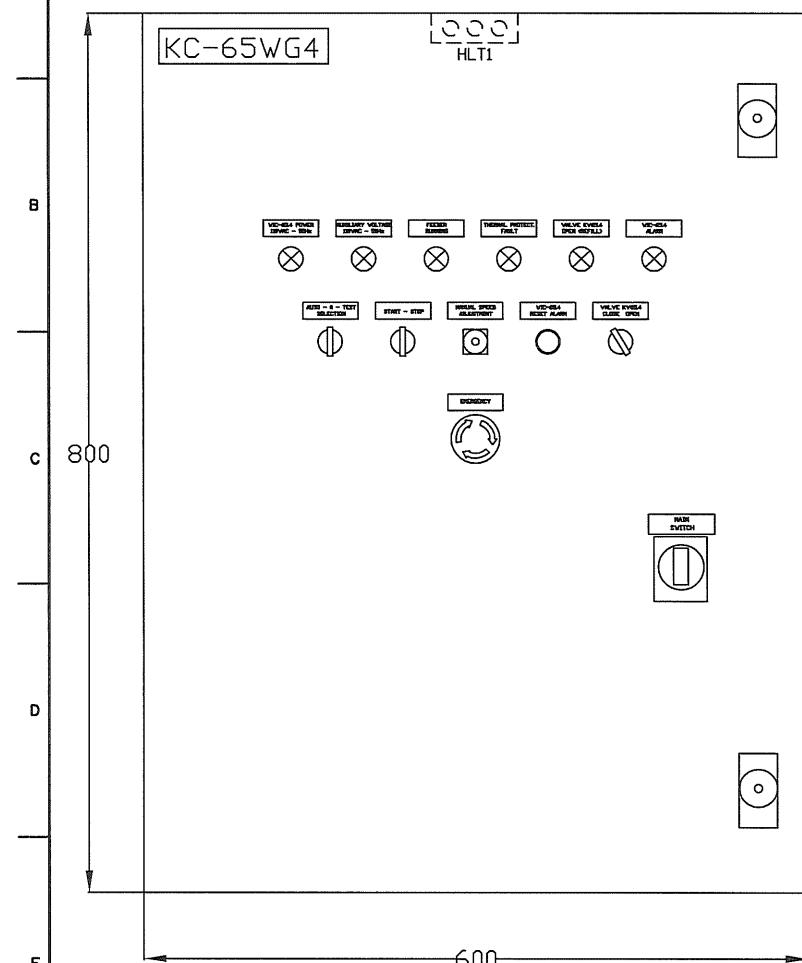
sheet 11
12 n.sh

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EXTERNAL VIEW

INTERNAL VIEW

SIDE VIEW



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UNI A3	1	UPDATE AFTER TEST	D.C.	11-09-12	SABIZ PLANT	desmet beleno	TOPOGRAPHIC VIEW drawing's title:	THR: 25332-CC07-E012A	= KC-65WG4
	0	ISSUE FOR CONSTRUCTION	D.M.	06-08-12				JOB : 2F11	+
	rev.	Issue Description	Author	Date				dwg. 2F11-85-086	sheet 12 13 n.sh
It. DIN 6771/Teil 5 1		2	3	4	5	6	7	8	

1 2 3 4 5 6 7 8

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WIC 65.4 POWER
110VAC - 50HzAUXILIARY VOLTAGE
110VAC - 50 HzFEEDER
RUNNINGTHERMAL PROTECT.
FAULTVALVE KV65.4
OPEN (REFILL)WIC-65.4
ALARM

HL1



HL2



HL3



HL4



HL5



HL6

AUTO - 0 - TEST
SELECTION

START - STOP

MANUAL SPEED
ADJUSTMENTWIC-65.4
RESET ALARMVALVE KV65.4
CLOSE OPEN

SA1



SA2



RP1

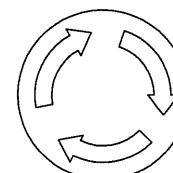


SB1



SA3

EMERGENCY



SBE

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UNI A3	1	UPDATE AFTER TEST	D.C.	11-09-12	SABIZ PLANT	4		LABELS drawing's title:	THR: 25332-CC07-E013A	= KC-65WG4
		0	ISSUE FOR CONSTRUCTION	D.M.	06-08-12	5			JOB : 2F11	dwg. 2F11-85-086
It. DIN 6771/teil 5 1	2	rev.	Issue Description	Author	Date	6			sheet 13	14 n.sh

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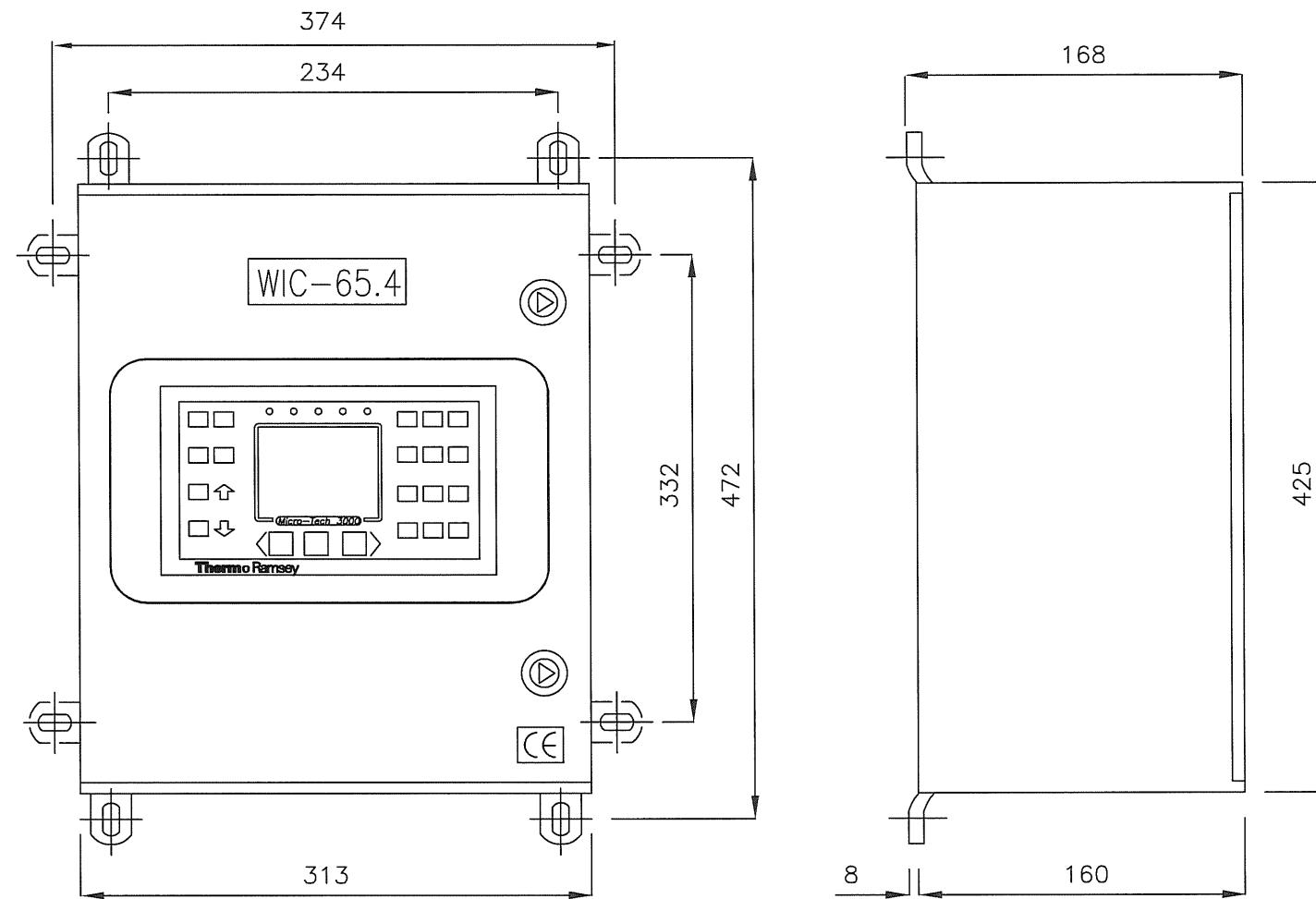
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UNI A3			
1	UPDATE AFTER TEST	D.C.	11-09-12
0	ISSUE FOR CONSTRUCTION	D.M.	06-08-12
rev.	Issue Description	Author	Date

SABIZ PLANT



WIC-65.4
TOPOGRAPHIC VIEW
drawing's title:

THR: 25332-CC07-E014A
JOB : 2F11 dwg. 2F11-85-086

= WIC-65WG4
+. sheet 14
14 n.sh

EQUIPMENT LIST

SCHEMATIC WIRING DIAGRAM

CODE	EQUIPMENT DESCRIPTION	IDENTIFICATION DATA	MANUFACT.	Q.TY	ID TAG	UTILITIES TAG	CUBICLE	LABEL	DWG Nr.
QS1	MAIN SWITCH 3 X12A S0 2,8/4A 1L+1R	3RV1011-1EA15	SIEMENS	1					
QS1	DOOR LOCK ACCESSORIES	3RV1926-0K	SIEMENS	1					
HLT1	VOLTAGE DETECTION INDICATION LAMP DSL3	050ASL500	ELFIN	1					
QF1	MAGNETHERMAL SWITCH 3 POLE (0,5A) - "C" CURVE	5SY6 305-7	SIEMENS	1					
QF2	MAGNETHERMAL SWITCH 2 POLE (2A) - "C" CURVE	5SY6 202-7	SIEMENS	1					
QF3,QF4, QF5	MAGNETHERMAL SWITCH 2 POLE (2A) - "C" CURVE	5SY6 101-7	SIEMENS	3					
QF6	MAGNETHERMAL SWITCH 0,22-0,32A 1L+1R	3RV1011-ODA15	SIEMENS	1					
QF7	MAGNETHERMAL SWITCH 3 POLE (10A) - "C" CURVE	5SY4 310-7KK11	SIEMENS	1					
F1	FUSEHOLDER 1P	3NW7011	SIEMENS	1					
TC1	SAFETY AND INSULATION TRANSFORMER 100 VA	Primary:400-415 VAC Secondary : 110 VAC	MG	1					
WZ 65.4	INVERTER ABB 0,37 Kw	ACS355-03E01A2-4	ABB	1					
WZ 65.4	BASIC CONTROL PANEL ACS-CP-C	J404	ABB	1					
KM1, KM2	CONTACTOR 110VAC - 3+1NO	3RT10 16-1AF01	SIEMENS	2					
KM1, KM2	VARISTOR FOR CONTACTOR	3RT1916-1JK00	SIEMENS	2					
KM1	AUXILIARY CONTACT S00 4NO	3RH1911-1FA40	SIEMENS	1					
KM2	AUXILIARY CONTACT S00 4NC	3RH1911-1GA04	SIEMENS	1					
KA1,2,3	RELAY 4 CONTACT WITH SURGE SUPPRESSION	MY4N-CR (110VAC)	OMRON	3					
KA1,2,3	SOCKET FOR RELAY	PYF14AN	OMRON	3					

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	Drawing supplier 25332-CC07-E015A	Rev. 1	Plant SABIZ						
				1	UPDATE AFTER TEST	DC	11/09/2012		
 desmet ballestra	Drawing 2F11-85-086	Sheet 15	Drawing's title EQUIPMENT LIST	0	ISSUE FOR CONSTRUCTION	DM	06/08/2012		
		Next 16		Revisi	Issue description	Author	Date		

EQUIPMENT LIST						SCHEMATIC WIRING DIAGRAM								
						CODE	EQUIPMENT DESCRIPTION	IDENTIFICATION DATA	MANUFACT.	Q.TY	ID TAG	UTILITIES TAG	CUBICLE	LABEL
RP1	OPERATOR FOR POTENTIOMETER	CEP9MZ	CEMA	1										
RP1	POTENTIOMETER SINGLE TURN	5 KOhm	SBC	1										
SA1	SELECTOR SW. 3 Position BLACK	3SB3500-2SA11	SIEMENS	1										
SA2	SELECTOR SW. 2 Position BLACK SPRING RETURN	3SB3500-2EA11	SIEMENS	1										
SBE	EMERGENCY PLUNGER WITH MECHANICAL LOCK	3SB3500-1HA20	SIEMENS	1										
SA3	SELECTOR SW. 1 Position BLACK SPRING RETURN	3SB3500-2LA11	SIEMENS	1										
SB1	PUSHBUTTON BLACK	3SB3500-0AA11	SIEMENS	1										
SA1, SA2, SB1	CONTACT 1 NO	3SB3400-0B	SIEMENS	5										
SBE, SA2, SA3	CONTACT 1 NC	3SB3400-0C	SIEMENS	3										
HL1, HL2	LAMP WHITE	3SB3604-6AB60	SIEMENS	2										
HL3	LAMP GREEN	3SB3604-6AB40	SIEMENS	1										
HL4..6	LAMP RED	3SB3604-6AB20	SIEMENS	3										
HL1...6	LAMP BA9s - 110VAC 2W		SIEMENS	6										
XT..	TERMINAL 4 mmq		SIEMENS	46										
XT..	GROUND TERMINAL 4 mmq		SIEMENS	5										
-	SET OF LABELS	DWG. 2F11-85-086 Sheet 13	-	1										
KC-65WG4	CABINET 800(H)x600(W)x250(D)	NSYS 3D8625P	SCHNEIDER	1										

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	Drawing supplier 25332-CC07-E017A	Rev. 1	Plant SABIZ					
				1	UPDATE AFTER TEST	DC	11/09/2012	
	Drawing 2F11-85-086	Sheet 16	Drawing's title EQUIPMENT LIST	0	ISSUE FOR CONSTRUCTION	DM	06/08/2012	
		Next 17		Revision	Issue description	Author	Date	

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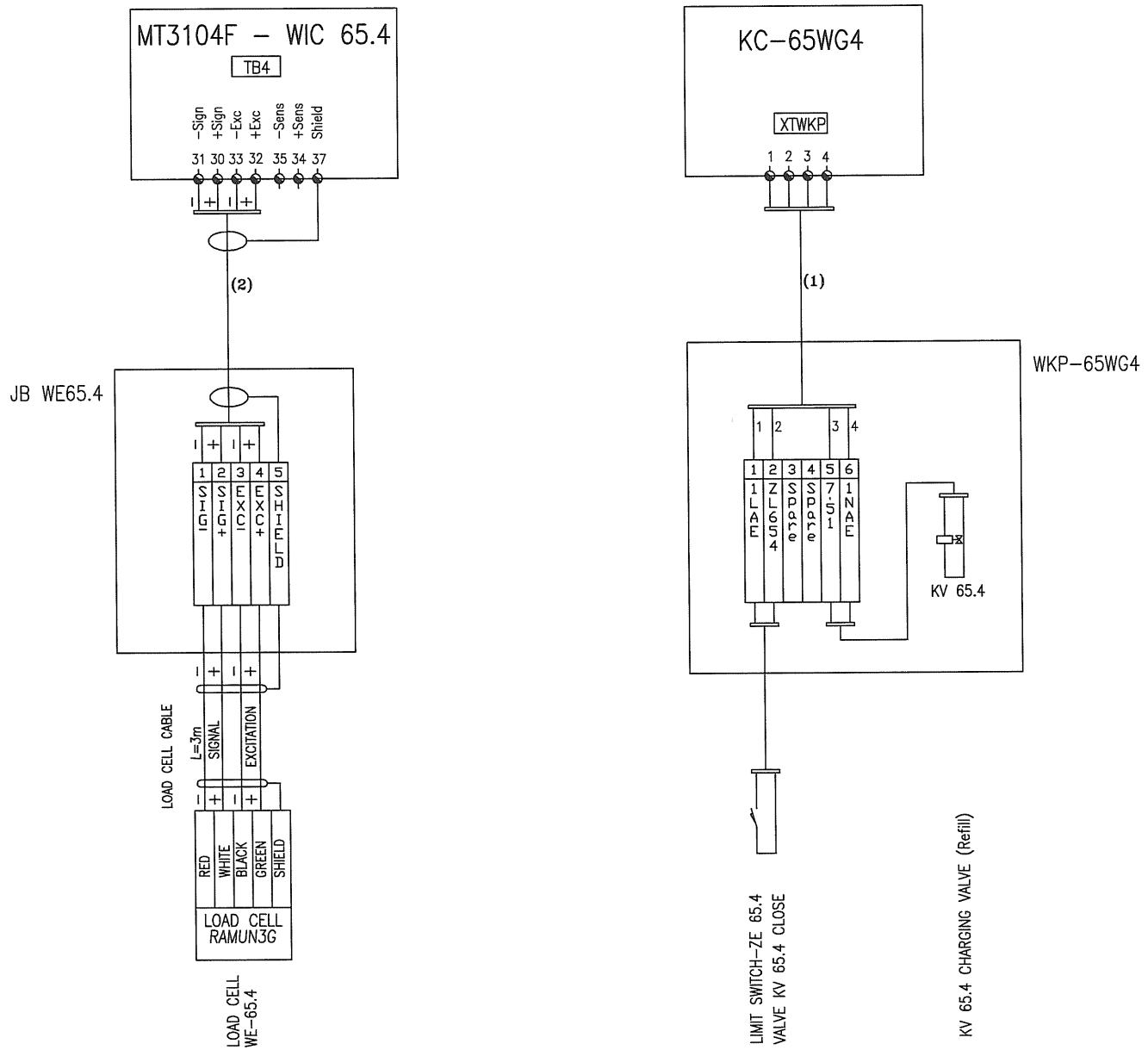
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UNI A3		
1	UPDATE AFTER TEST	D.C. 11-09-2012
0	ISSUE FOR CONSTRUCTION	D.M. 06-08-2012
rev.	Issue Description	Author Date

SABIZ PLANT



WIC 65.4 & WKP-65WG4
ON BOARD CONNECTION
drawing's title:

THR: 25332-CC07-E017A

JOB : 2F11 dwg. 2F11-85-086

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sheet 17
18 n.sh

1 2 3 4 5 6 7 8

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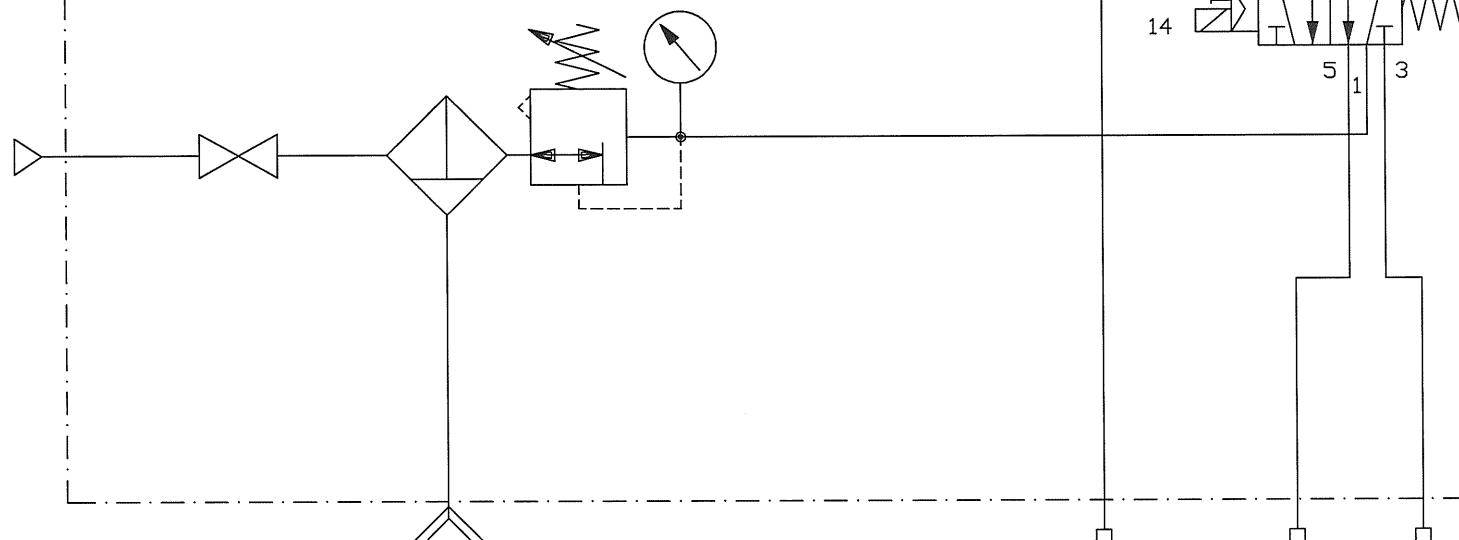
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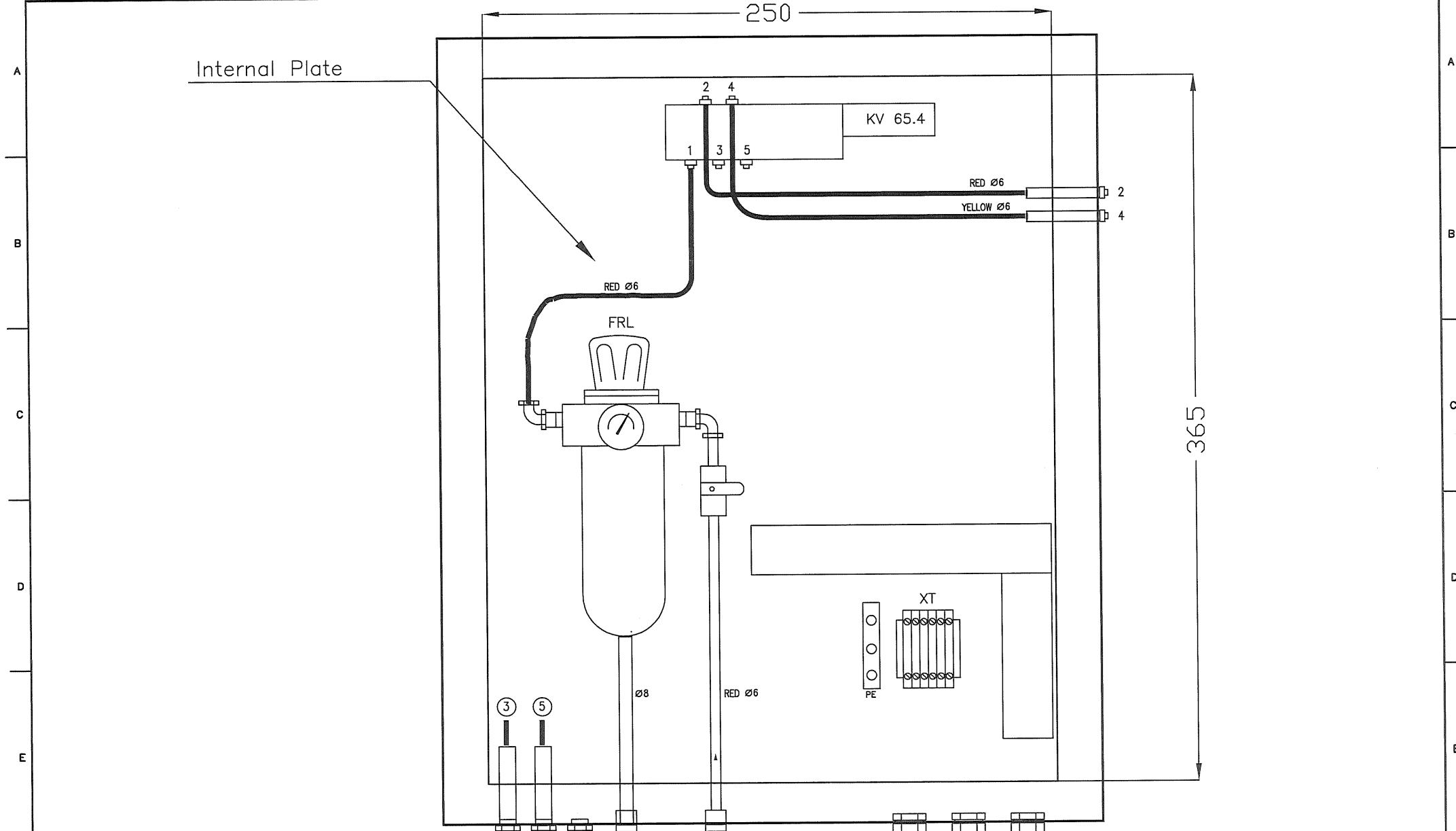
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1	UPDATE AFTER TEST	D.C.	11-09-2012						
0	ISSUE FOR CONSTRUCTION	D.M.	06-08-2012						
rev.	Issue Description	Author	Date						



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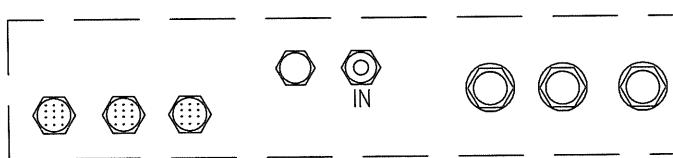
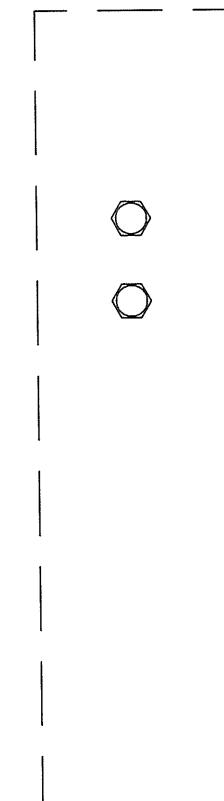
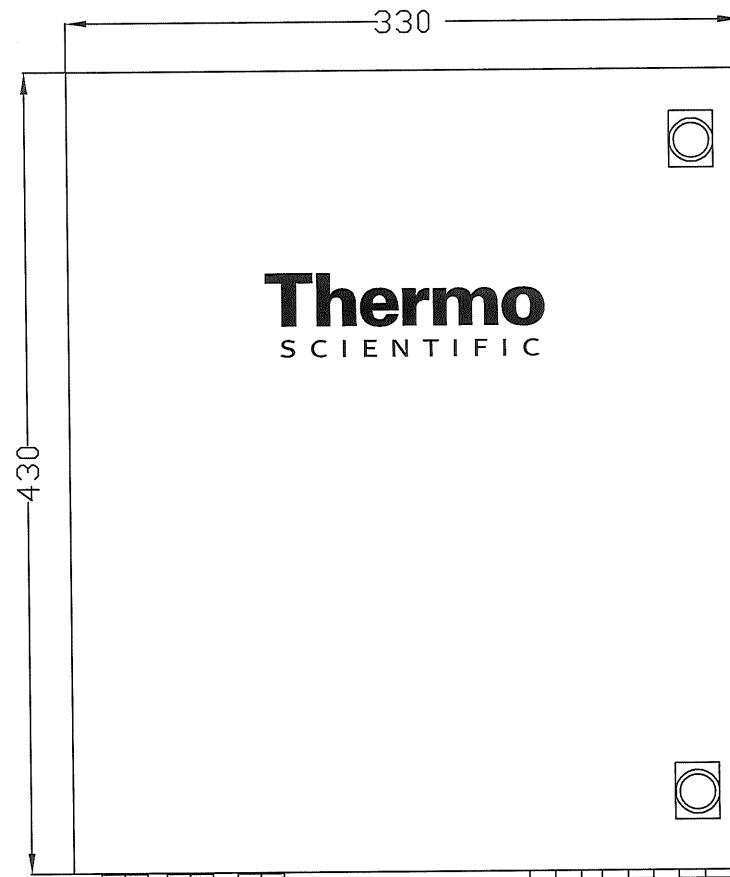
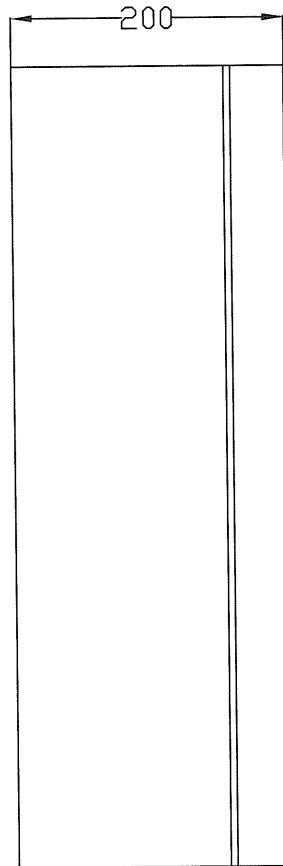
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1	UPDATE AFTER TEST	DC	11-09-2012					
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0	ISSUE FOR CONSTRUCTION	DM	06-08-2012		

SABIZ PLANT



WKP-65WG4
TOPOGRAPHIC VIEW FOR
PNEUMATIC BOX
drawing's title:

THR: 25332-CC07-E020A

JOB : 2F11 dwg. 2F11-85-086

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ELECTRICAL EQUIPMENT LIST

SCHEMATIC WIRING DIAGRAM

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	Drawing supplier 25332-CC07-E021A	Rev. 1	Plant SABIZ PLANT				
	Drawing 2F11-85-086	Sheet 21	Drawing's title ELECTRICAL EQUIPMENT LIST	1 0	UPDATE AFTER TEST ISSUE FOR CONSTRUCTION	DC DM	11/09/2012 06/08/2012
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 desmet ballestra	Drawing 2E50-85-086	Sheet 22	Drawing's title PNEUMATICAL EQUIPMENT LIST	1 0	UPDATE AFTER TEST ISSUE FOR CONSTRUCTION	DC DM	11/09/2012 06/08/2012
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