

JOB: 2F11

SABIZ PLANT

DOSING BELTS SYSTEM ITEM: 65WG1

LOCAL CONTROL PANEL: KC-65WG1

WEIGHT CONTROLLER & TRANSMITTER UNIT: WIC-65.1

PNEUMATIC BOX: WKP-65WG1

DESMET BALLESTRA SUPPLY

ELECTRICAL & PNEUMATICAL DOCUMENTATION

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

 Thermo SCIENTIFIC Thermo Ramsey Italia S.r.l.-Strada Rivoltana km 6,7 - Rodano (MI)	The master version of this document is stored as a digital file in a software archive. Approval process is digitally managed, details do not show on paper copies. <i>L'originale del presente documento risiede in un database digitale. Il processo di approvazione è gestito via software e le firme non sono visibili sulle riproduzioni.</i>					
	Drawing supplier 25332-CC04-E001A	Rev. 1				
 desmet ballestra	Drawing 2F11-85-089	Sheets 1 of 22				
Plant SABIZ			1	UPDATE AFTER TEST	DC	11/09/2012
			0	ISSUE FOR CONSTRUCTION	DM	25/07/2012
		Rev.	Issue description		Author	Date

Sheet	Revisions					
	Description	0	1	2	3	
001	COVER PAGE (EXCEL Prgm)	x	x			
002	INDEX (EXCEL Prgm)	x	x			
003	BLOCK DIAGRAM	x	x			
004	KC-65WG1 - WIRING DIAGRAM	x	x			
005	KC-65WG1 - WIRING DIAGRAM	x	x			
006	KC-65WG1 - WIRING DIAGRAM	x	x			
007	KC-65WG1 - WIRING DIAGRAM	x	x			
008	KC-65WG1 - WIRING DIAGRAM	x	x			
009	KC-65WG1 - TERMINAL BLOCK	x	x			
010	KC-65WG1 - TERMINAL BLOCK	x	x			
011	KC-65WG1 - INTERCONNECTION	x	x			
012	KC-65WG1 - TOPOGRAPHIC VIEW	x	x			
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014	WIC-65.1 - TOPOGRAPHIC VIEW	x	x			
015	KC-65WG1 - EQUIPMENT LIST	x	x			
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017	WKP-65WG1 - WIRING DIAGRAM	x	x			
018	WKP-65WG1 - PNEUMATIC DIAGRAM	x	x			
019	WKP-65WG1 - INTERNAL VIEW	x	x			
020	WKP-65WG1 - EXTERNAL VIEW	x	x			
021	WKP-65WG1 - ELECTR. EQUIPMENT LIST	x	x			
022	WKP-65WG1 - PNEUM. EQUIPMENT LIST	x	x			
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Sheet	Revisions					
	Description	0	1	2	3	
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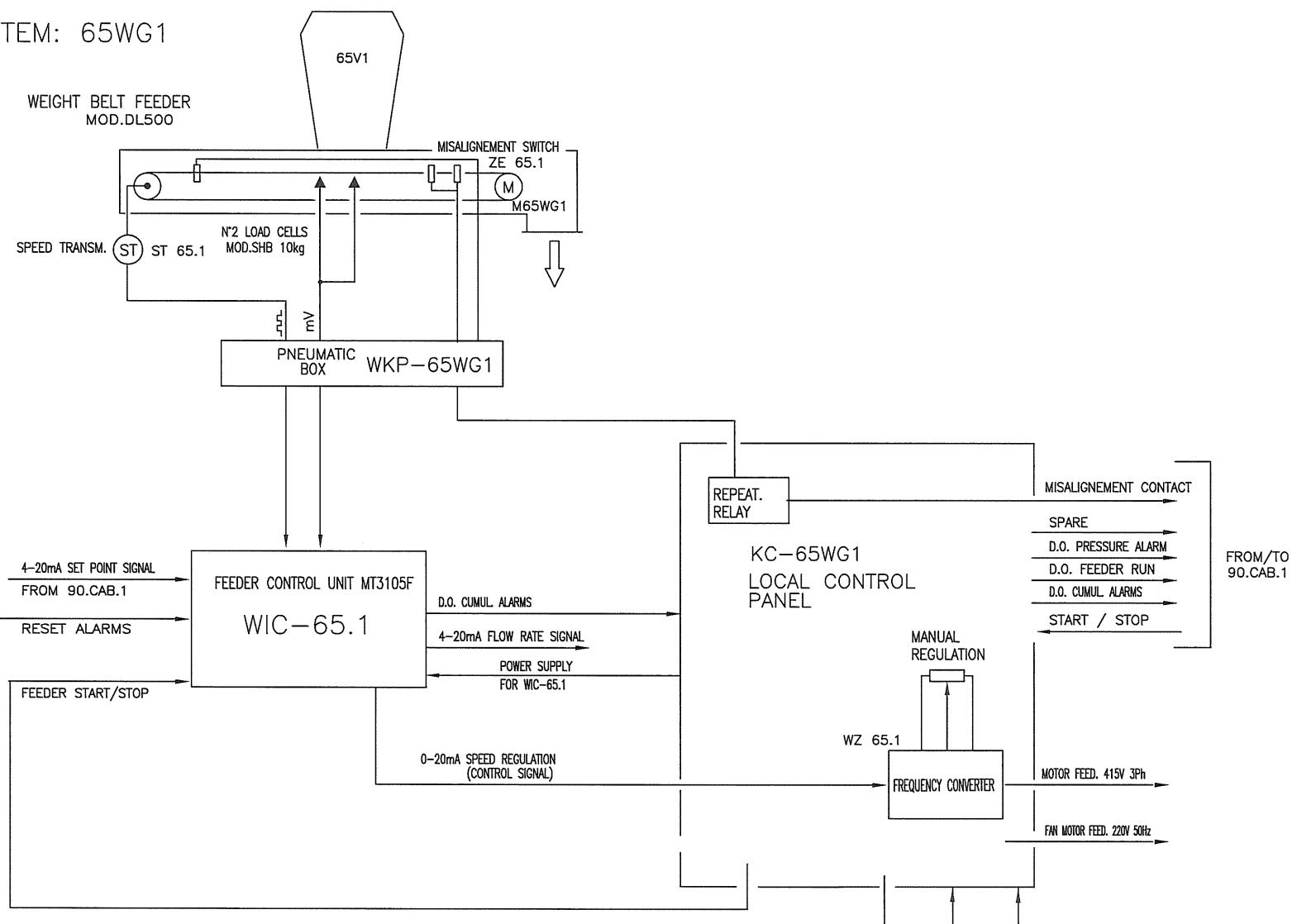
	Drawing supplier	Rev.	Plant			
	25332-CC04-E002A	1	SABIZ			
 desmet ballestra	Drawing	Sheet 2	Drawing's title	1	UPDATE AFTER TEST	DC 11/09/2012
	2F11-85-089	Next 3	INDEX	0	ISSUE FOR CONSTRUCTION	DM 25/07/2012
			Revision	Issue description	Author	Date

1 2 3 4 5 6 7 8

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ITEM: 65WG1

WEIGHT BELT FEEDER
MOD.DL500

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FEED. 415V 50Hz 3Ph+N+PE
FROM 90-LVB-1
110V 50Hz
FROM 90-LVB-1

UNI A3	1	UPDATE AFTER TEST	D.C.	11-09-12
	0	ISSUE FOR CONSTRUCTION	D.M.	25-07-12
	rev.	Issue Description	Author	Date

SABIZ PLANT

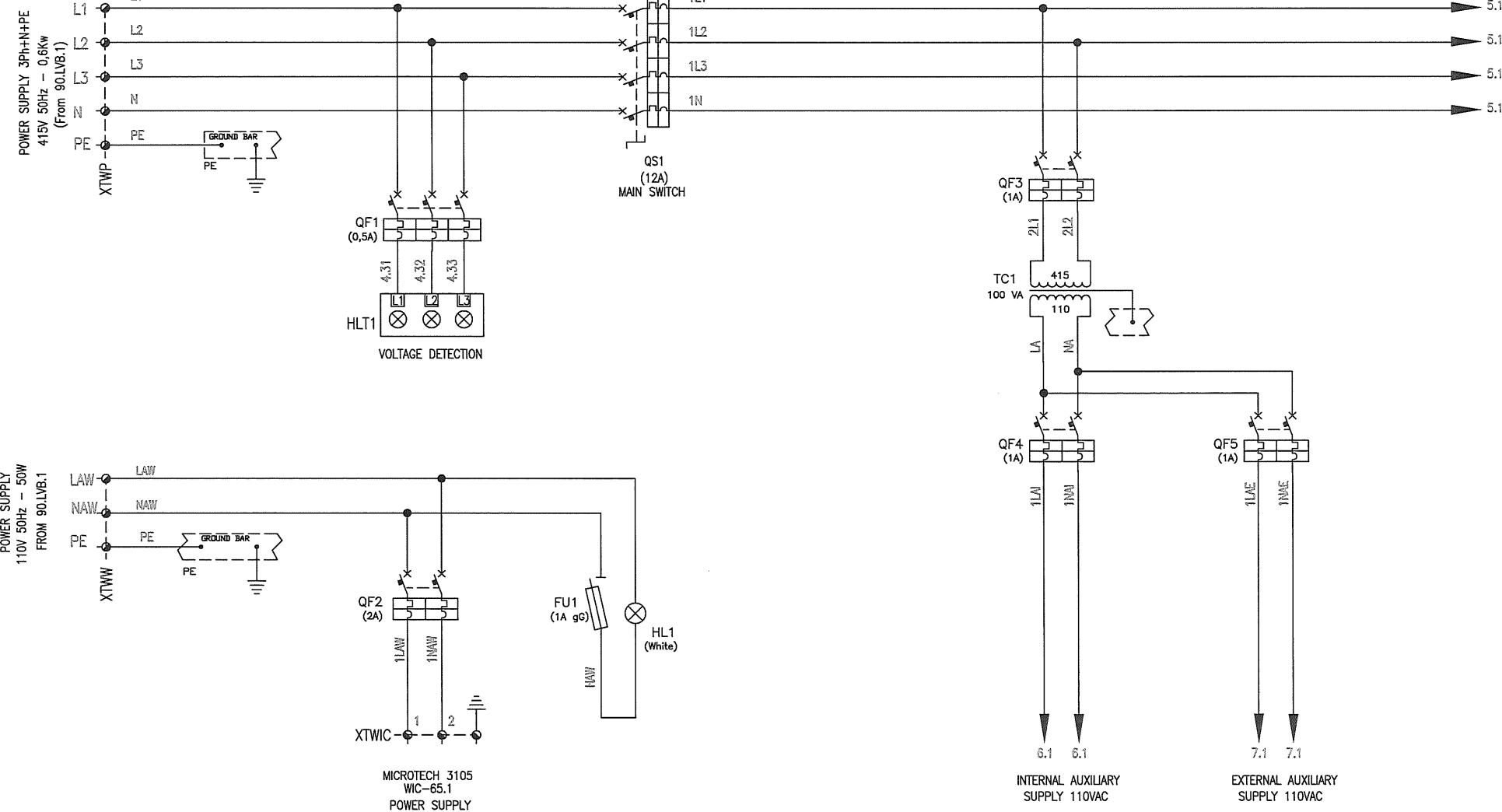


BLOCK DIAGRAM
drawing's title:

THR: 25332-CC04-E003A = KC-65WG1
+ .

JOB : 2F11 dwg. 2F11-85-089

sheet 03
04 n.sh



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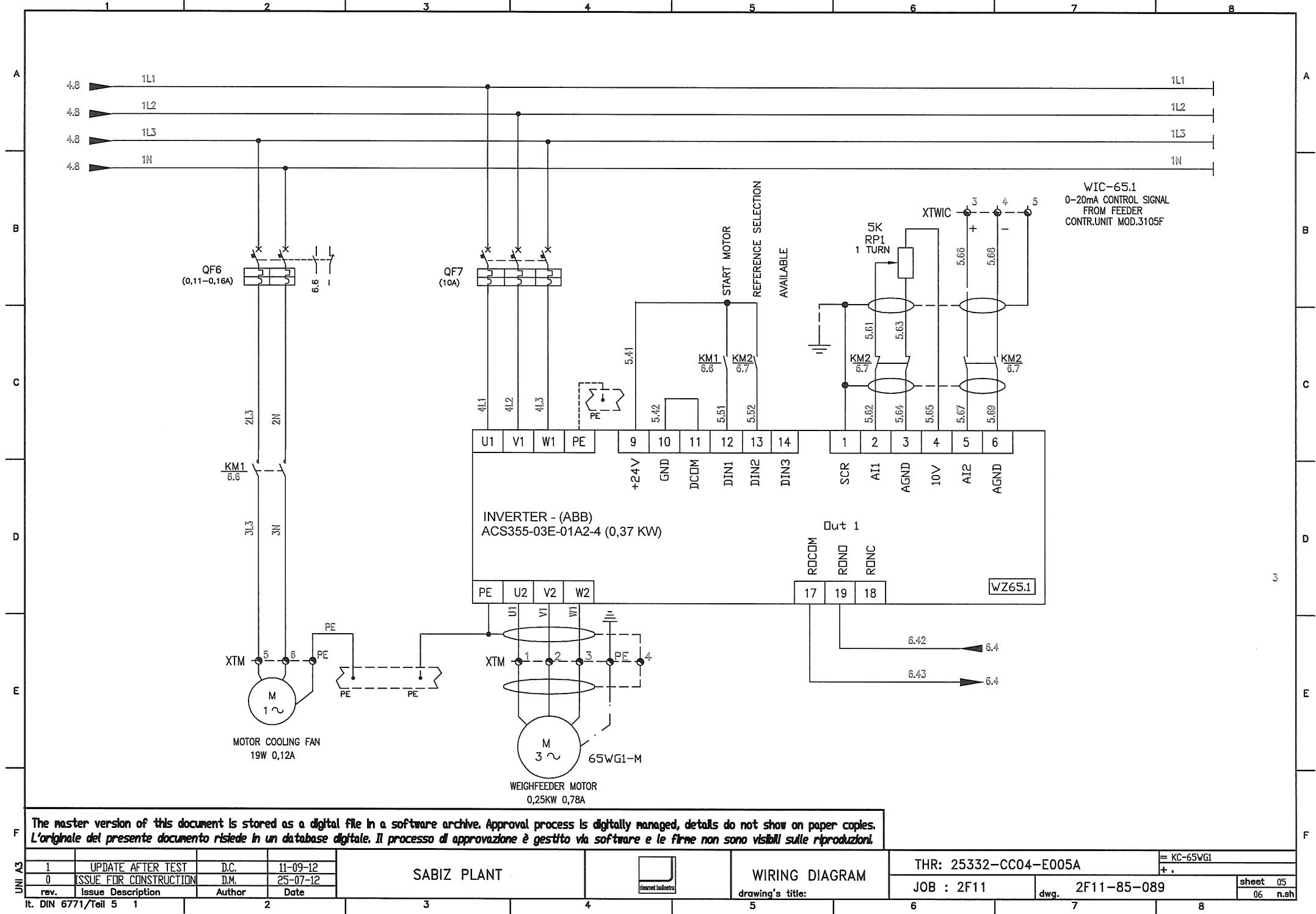
UNI A3			
1	UPDATE AFTER TEST	D.C.	11-09-12
0	ISSUE FOR CONSTRUCTION	D.M.	25-07-12
rev.	Issue Description	Author	Date

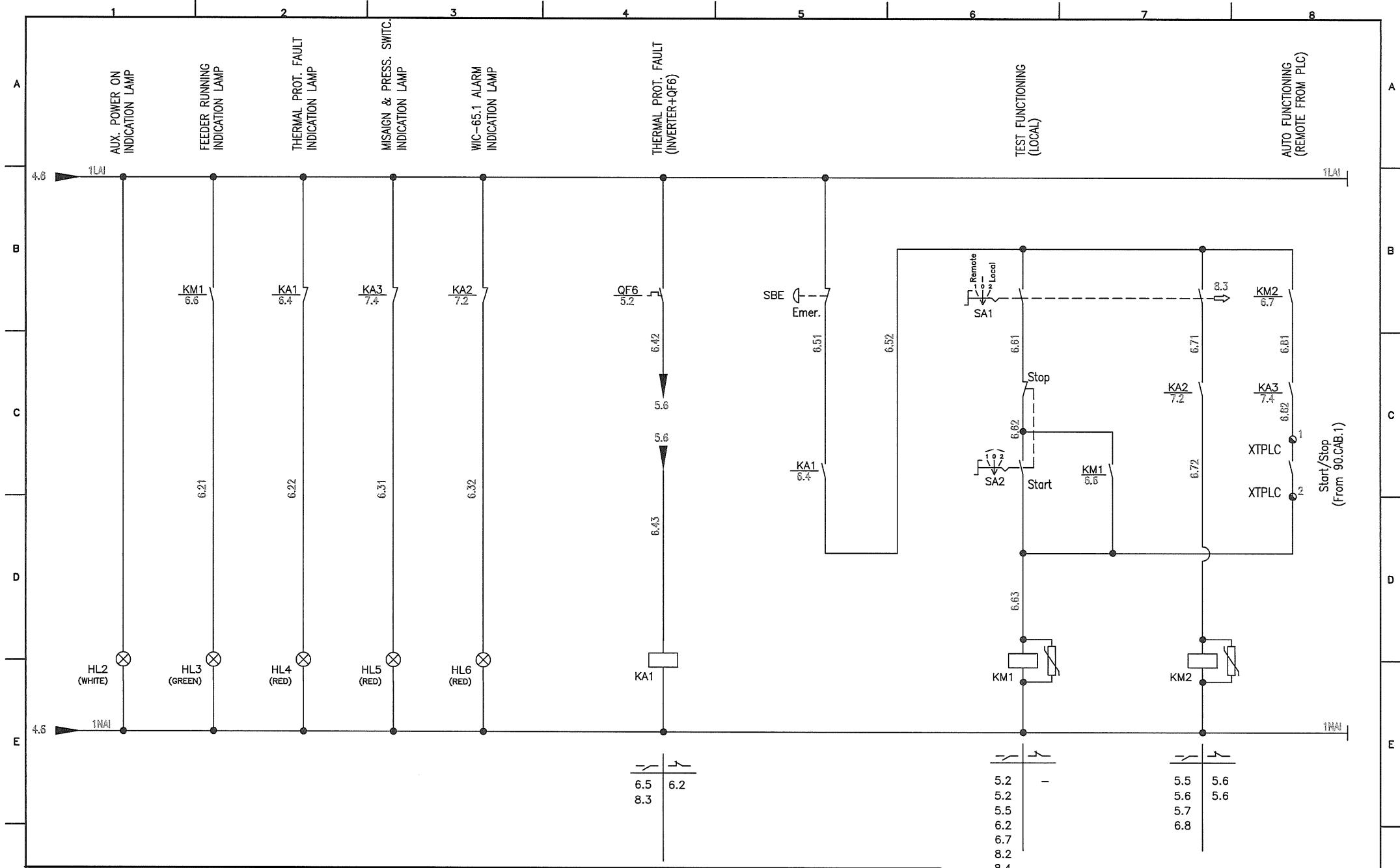
SABIZ PLANT



WIRING DIAGRAM
drawing's title:

THR: 25332-CC04-E004A	= KC-65VG1
+	.
JOB : 2F11	dwg. 2F11-85-089
sheet 04	05 n.sh





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1	UPDATE AFTER TEST	D.C.	11-09-12
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SABIZ PLANT

It. DIN 6771/Tell 5 1



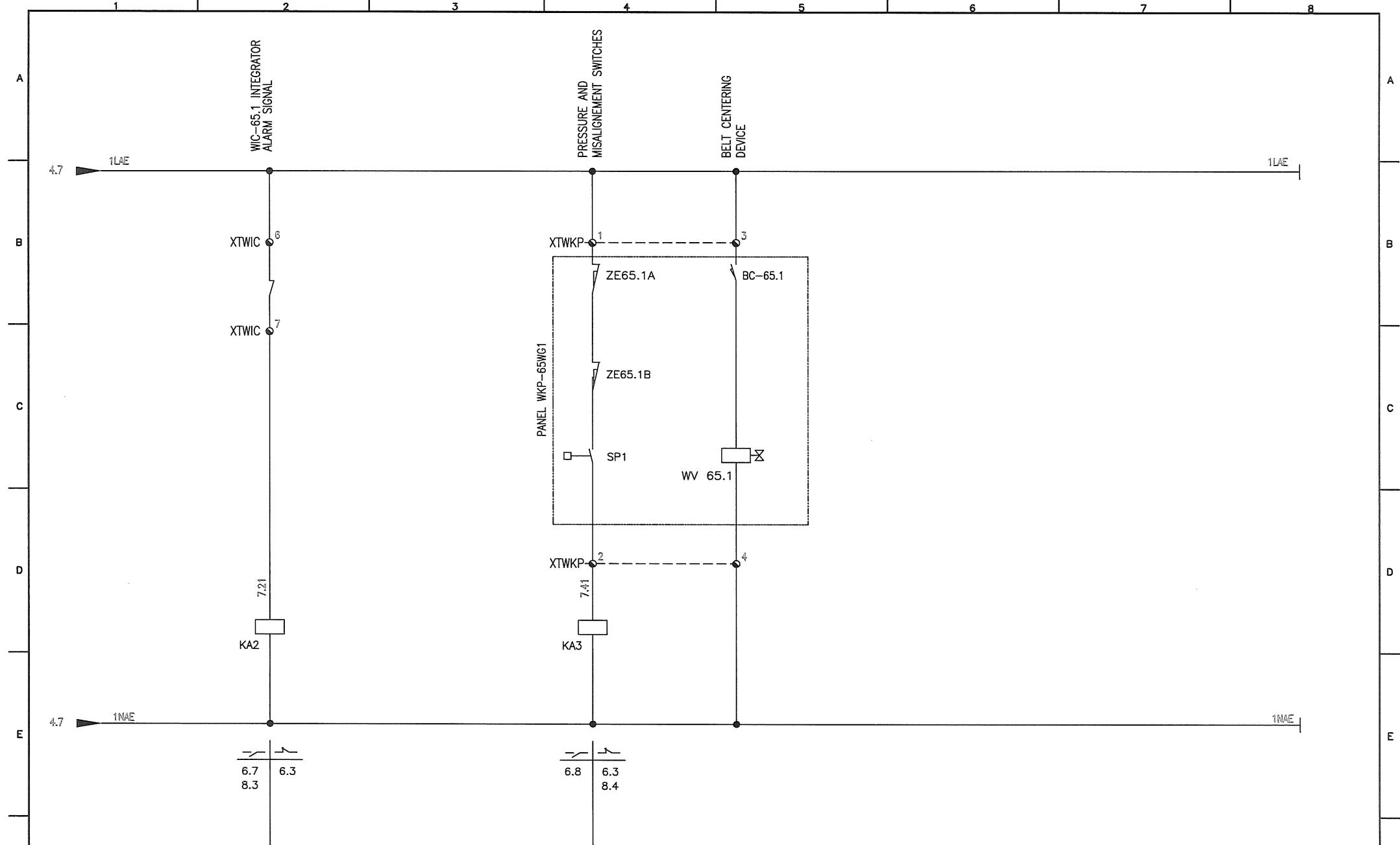
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drawing's title:

THR: 25332-CC04-E006A

= KC-65VG1
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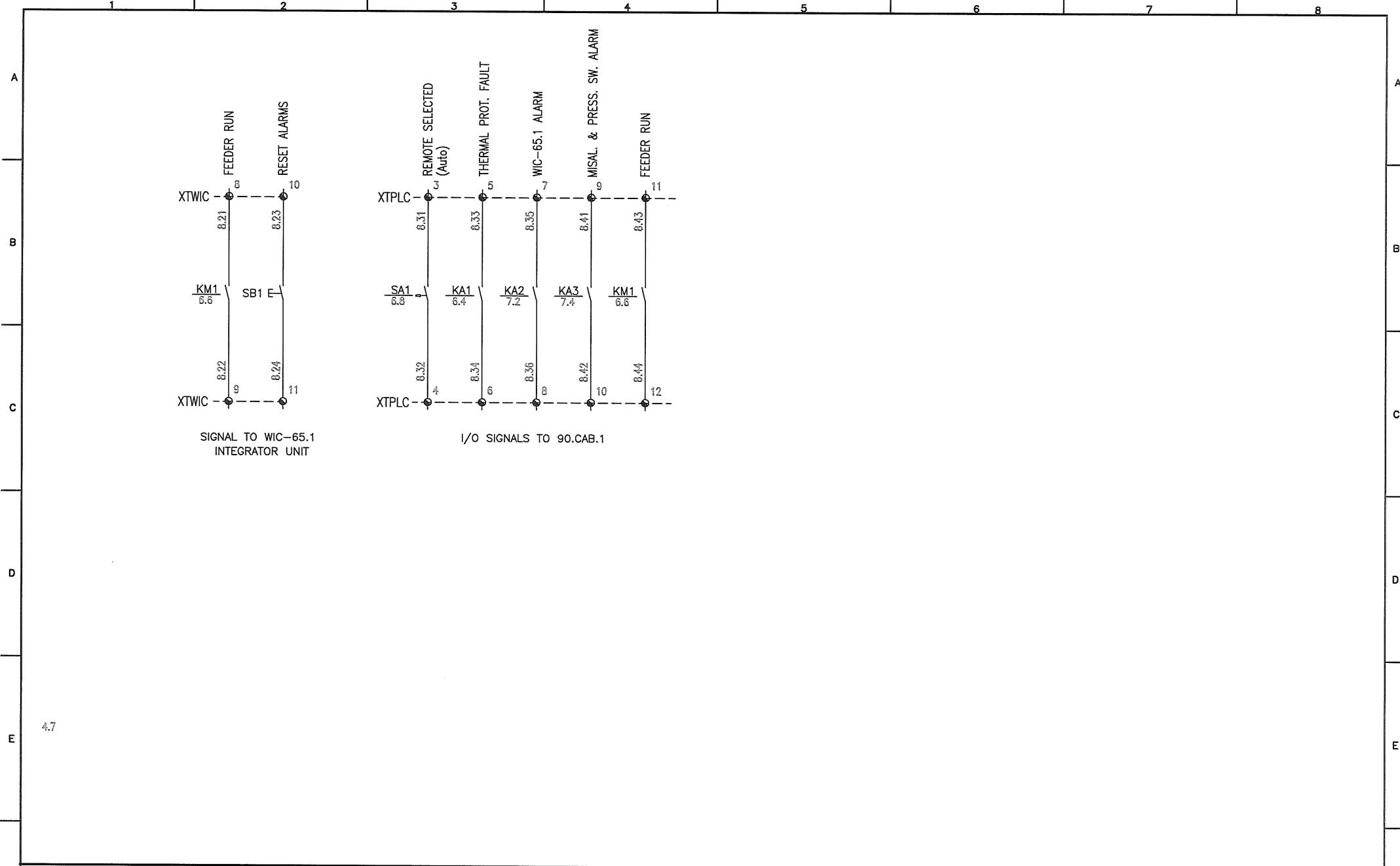
JOB : 2F11 dwg. 2F11-85-089

sheet 06
07 n.sh



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UNI A3				SABIZ PLANT		WIRING DIAGRAM		THR: 25332-CC04-E007A		= KC-65VG1	
1	UPDATE AFTER TEST	D.C.	11-09-12								+
0	ISSUE FOR CONSTRUCTION	D.M.	25-07-12								
rev.	Issue Description	Author	Date					JOB : 2F11	dwg. 2F11-85-089	sheet 07	08 n.sh



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UNI A3	1	UPDATE AFTER TEST	D.C.	11-09-12
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It. DIN 6771/Teil 5	1	2	3	4

SABIZ PLANT



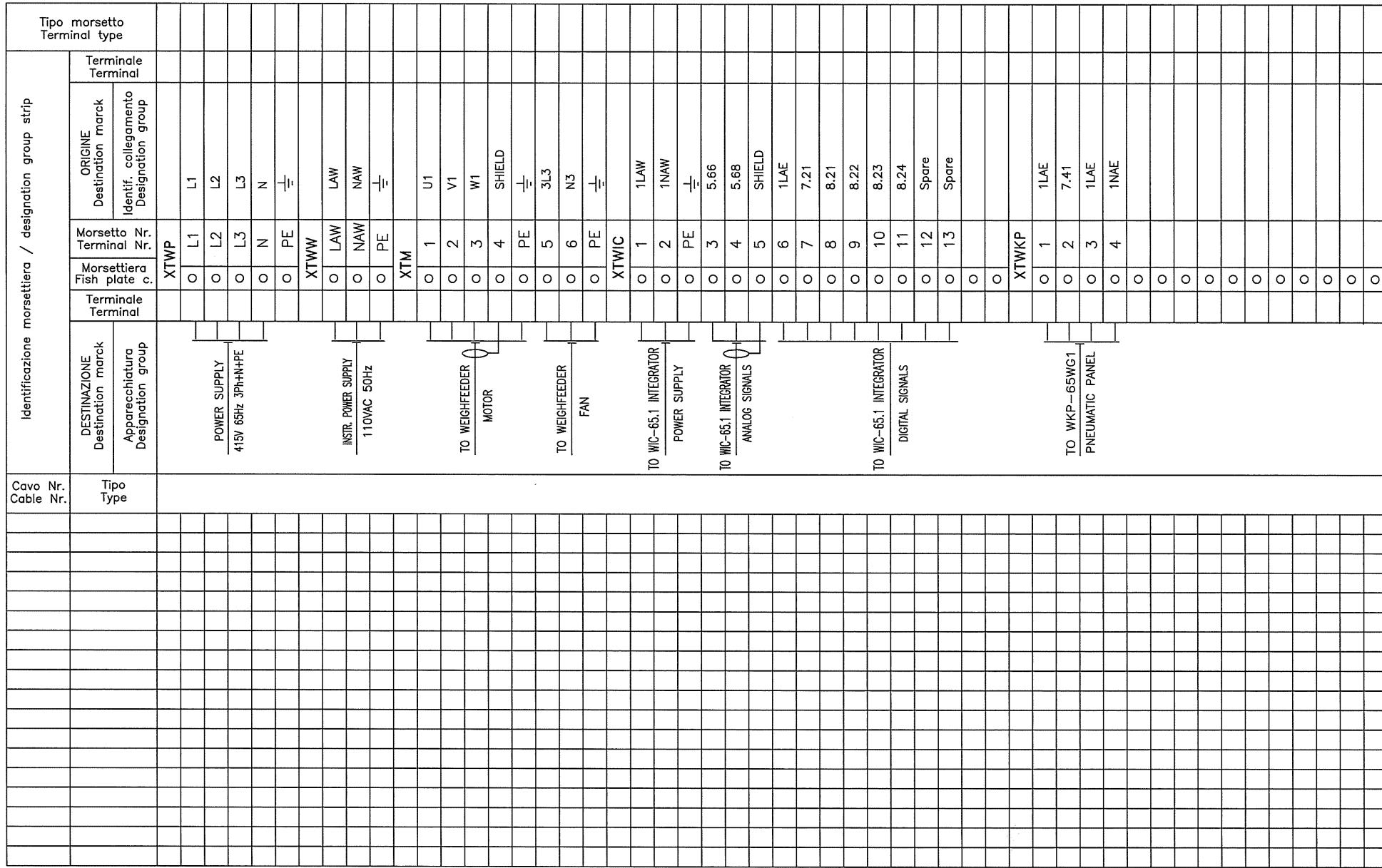
WIRING DIAGRAM
drawing's title:

THR: 25332-CC04-E008A

= KC-65WG1
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JOB : 2F11 dwg. 2F11-85-089

sheet 08
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UNI A3	1 UPDATE AFTER TEST		D.C.	11-09-12
	0 ISSUE FOR CONSTRUCTION		J.M.	25-07-12
rev.	Issue	Description	Author	Date
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SABIZ PLANT



TERMINAL BLOC

THR: 25332-CC04-E009A

= KC-65WG

JOB : 2F11 dwg. 2F11-85-089

sheet 09
10 n-sh

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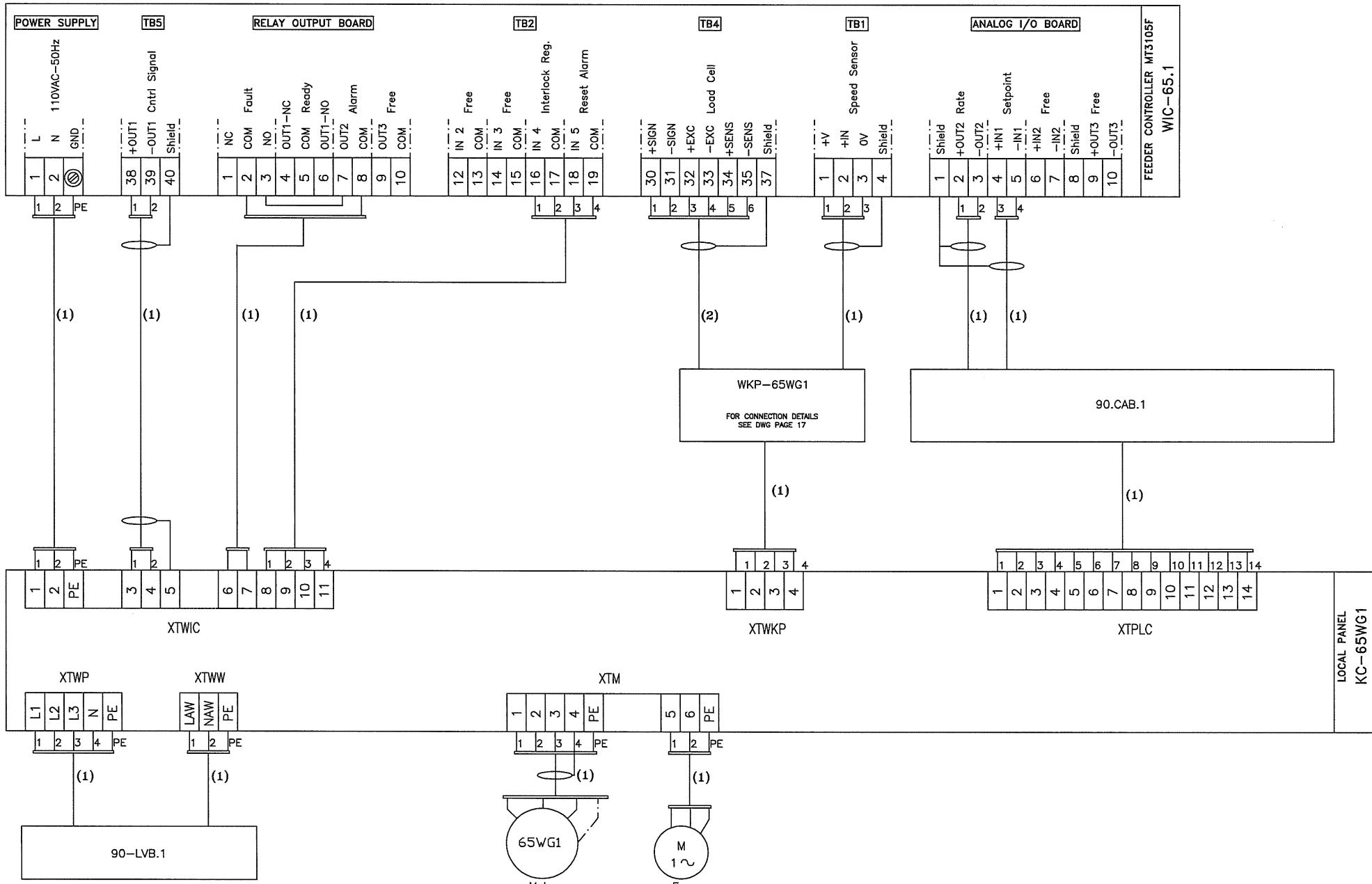
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UNI A3	1	UPDATE AFTER TEST	D.C.	11-09-12	SABIZ PLANT	4	describ block	TERMINAL BLOCK drawing's title:	THR: 25332-CC04-E010A	= KC-65VG1
		ISSUE FOR CONSTRUCTION	D.M.	25-07-12					JOB : 2F11	dwg. 2F11-85-089 sheet 10

It. DIN 6771/Teil 5 1 2 3 4 5 6 7 8



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

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1			
0	ISSUE FOR CONSTRUCTION	D.M.	25-07-12
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SABIZ PLANT



INTERCONNECTION
drawing's title:

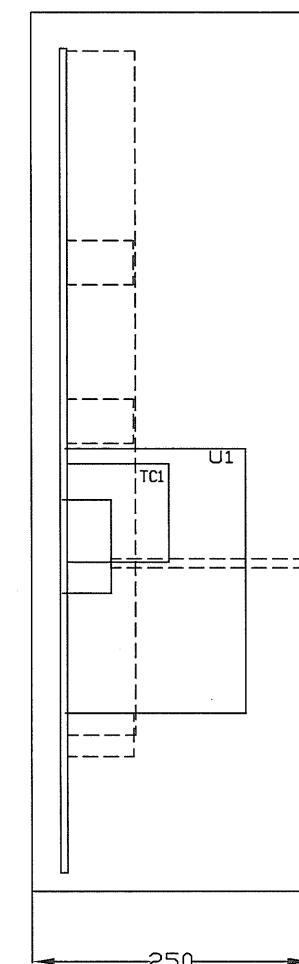
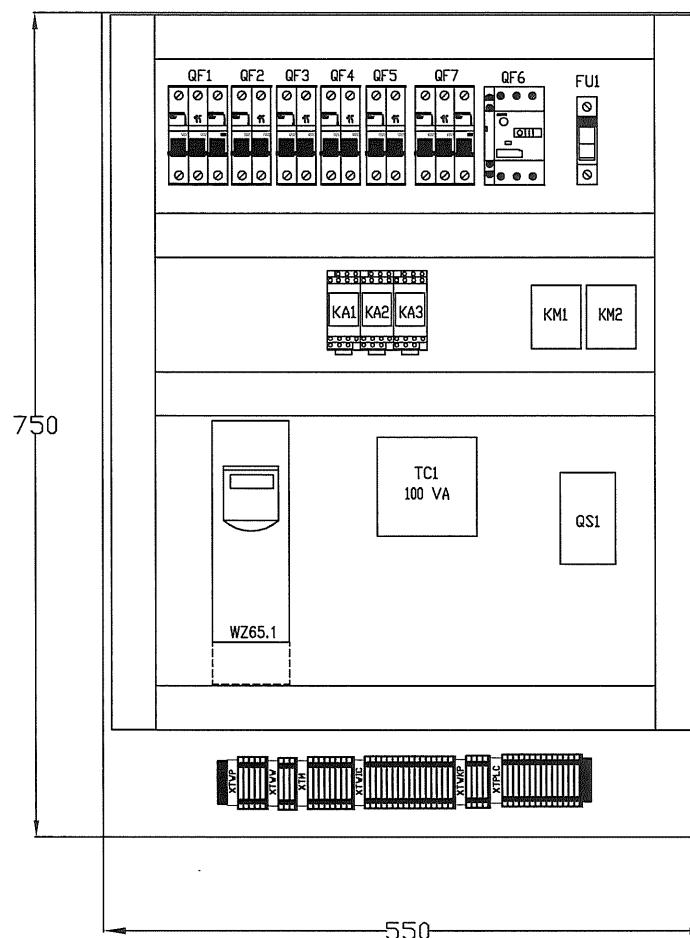
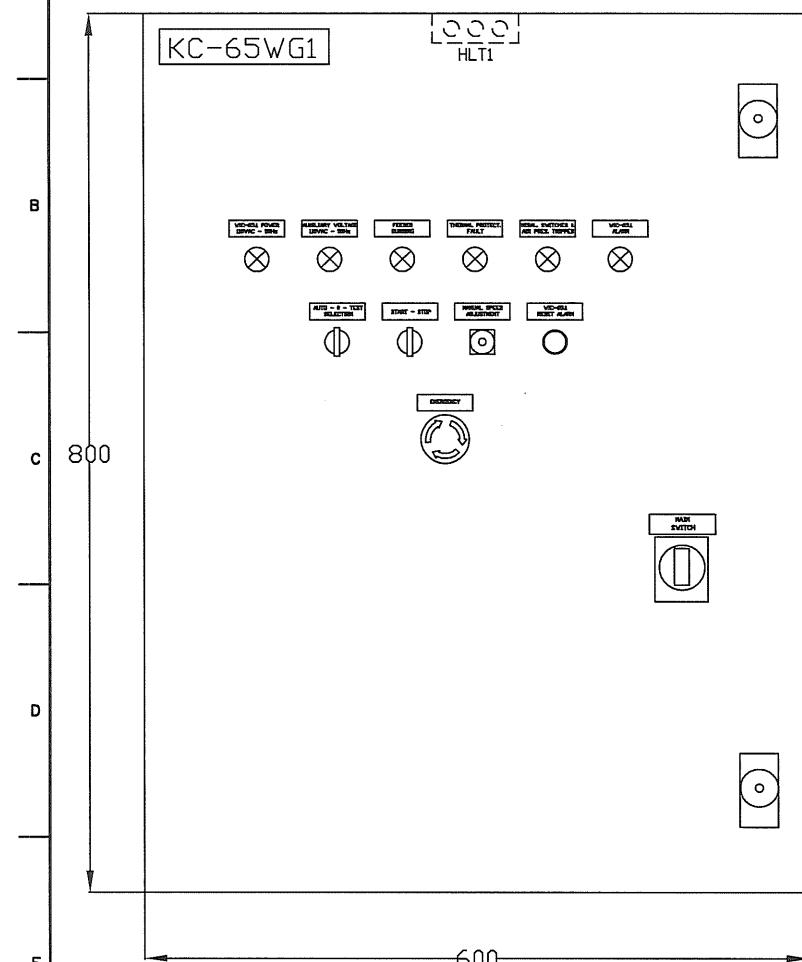
THR: 25332-CC04-E011A	= KC-65WG1
+	.
JOB : 2F11	dwg. 2F11-85-089
sheet 11	n.sh 12

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EXTERNAL VIEW

INTERNAL VIEW

SIDE VIEW



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SABIZ PLANT



TOPOGRAPHIC VIEW
drawing's title:

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+	.
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WIC 65.1 POWER
110VAC - 50Hz

AUXILIARY VOLTAGE
110VAC - 50 Hz

FEEDER
RUNNING

THERMAL PROTECT.
FAULT

MISAL. SWITCHES &
AIR PRES. TRIPPED

WIC-65.1
ALARM



HL1



HL2



HL3



HL4



HL5



HL6

AUTO - 0 - TEST
SELECTION

START - STOP

MANUAL SPEED
ADJUSTMENT

WIC-65.1
RESET ALARM



SA1



SA2

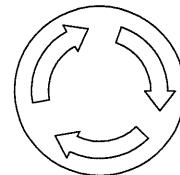


RP1



SB1

EMERGENCY



SBE

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SABIZ PLANT



LABELS
drawing's title:

THR: 25332-CC04-E013A

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JOB : 2F11 dwg. 2F11-85-089

sheet 13
14 n.sh

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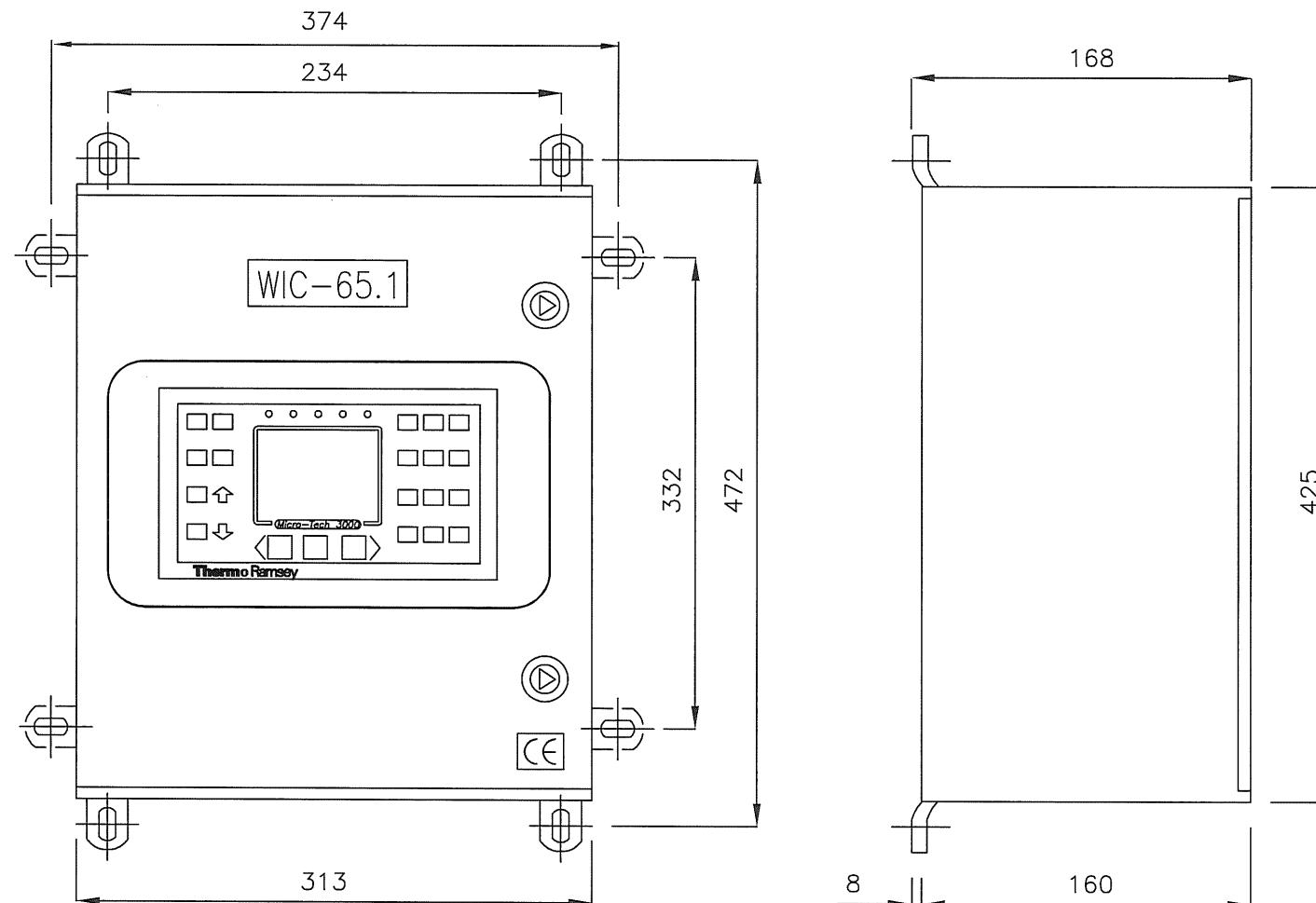
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UNI A3	1	UPDATE AFTER TEST	D.C.	11-09-12	SABIZ PLANT		WIC-65.1 TOPOGRAPHIC VIEW drawing's title:	THR: 25332-CC04-E014A	= WIC-65.1
	0	ISSUE FOR CONSTRUCTION	D.M.	25-07-12				+	.
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EQUIPMENT LIST

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 2,2/3,2A 1L+1R	3RV1011-1DA15	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 0,11-0,16A 1L+1R	3RV1011-OAA15	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 65.1	INVERTER ABB 0,37 Kw	ACS355-03E01A2-4	ABB	1					
WZ 65.1	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 2NO+2NC	3RH1911-1FA22	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-CC04-E015A	Rev. 1	Plant SABIZ					
	Drawing 2F11-85-089	Sheet 15	Drawing's title EQUIPMENT LIST	1	UPDATE AFTER TEST	DC	11/09/2012	
		Next 16		0	ISSUE FOR CONSTRUCTION	DM	25/07/2012	
				Revisi	Issue description	Author	Date	

EQUIPMENT LIST

SCHEMATIC WIRING DIAGRAM

CODE	EQUIPMENT DESCRIPTION	IDENTIFICATION DATA	MANUFACT.	Q.TY	ID TAG	UTILITIES TAG	CUBICLE	LABEL	DWG Nr.
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					
SB1	PUSHBUTTON BLACK	3SB3500-0AA11	SIEMENS	1					
SA1, SA2, SB1	CONTACT 1 NO	3SB3400-0B	SIEMENS	5					
SBE, SA2	CONTACT 1 NC	3SB3400-0C	SIEMENS	2					
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	45					
XT..	GROUND TERMINAL 4 mmq		SIEMENS	5					
-	SET OF LABELS	DWG. 2F11-85-089 Sheet 13	-	1					
KC-65WG1	CABINET 800(H)x600(W)x250(D)	NSYS 3D8625P	SCHNEIDER	1					

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	Drawing supplier 25332-CC04-E016A	Rev. 1	Plant SABIZ				
	Drawing 2F11-85-089	Sheet 16	Drawing's title EQUIPMENT LIST	1	UPDATE AFTER TEST	DC	11/09/2012
	Next 17			0	ISSUE FOR CONSTRUCTION	DM	25/07/2012
			Revision		Issue description	Author	Date

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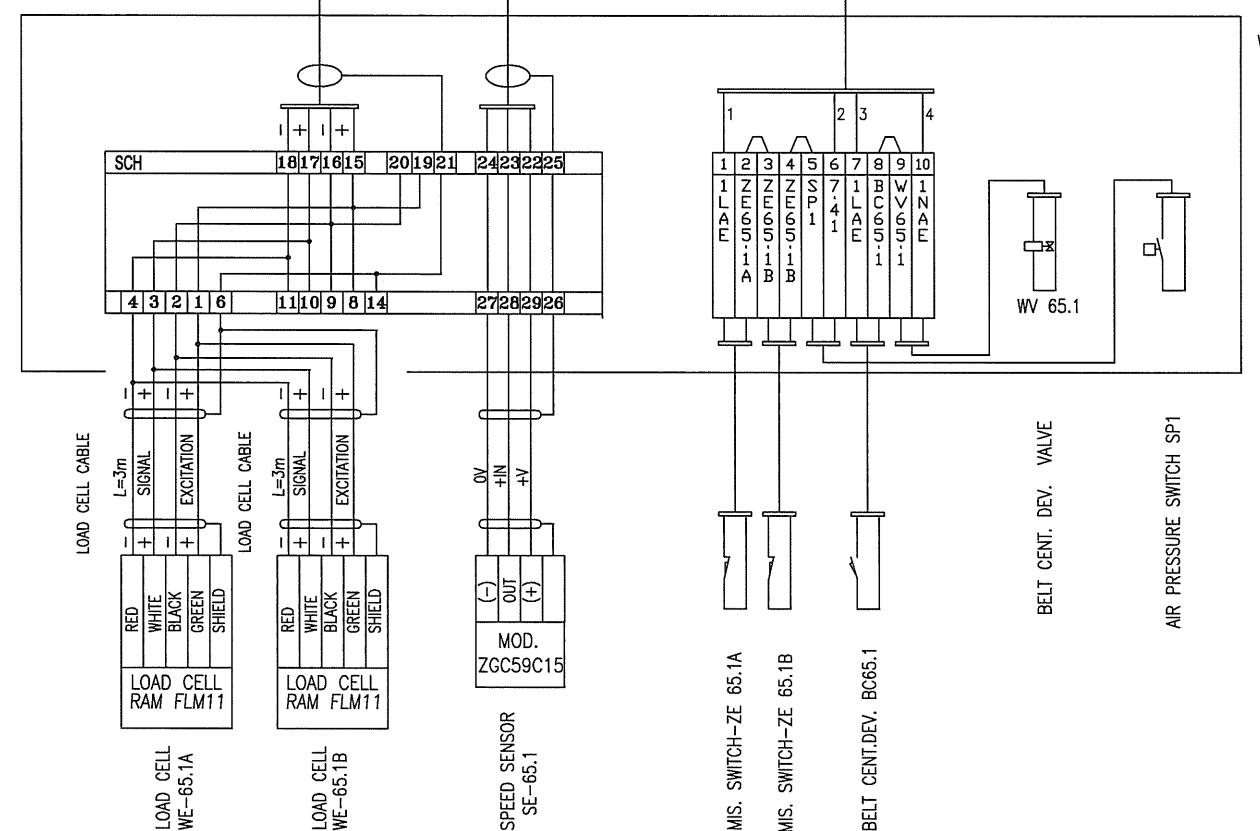
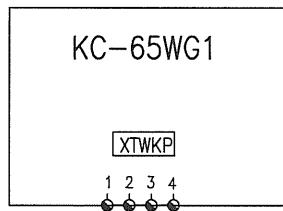
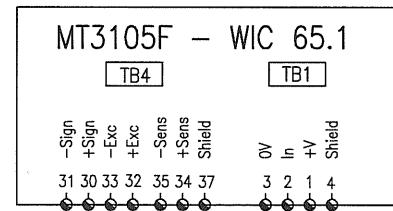
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**WKP-65WG1**

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

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UNI A3		1 UPDATE AFTER TEST	D.C.	11/09/2012
0 ISSUE FOR CONSTRUCTION		D.M.	25/07/2012	
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SABIZ PLANT

WKP-65WG1
ELECTRICAL AND PNEUMATIC
JUNCTION BOX
drawing's title:

THR: 25332-CC04-E017A
JOB : 2F11
dwg. 2F11-85-089

sheet 17
18 n.sh

1 2 3 4 5 6 7 8

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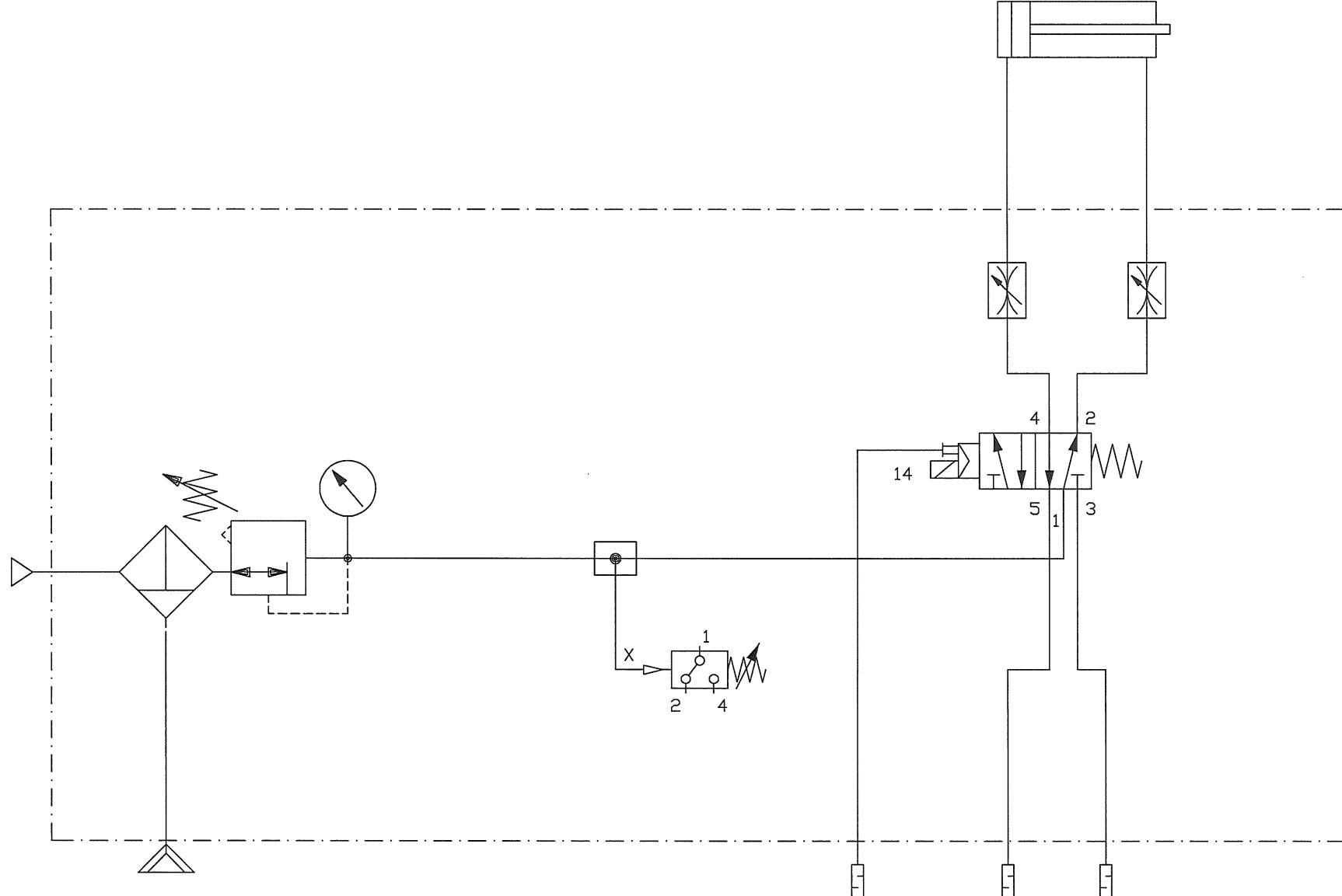
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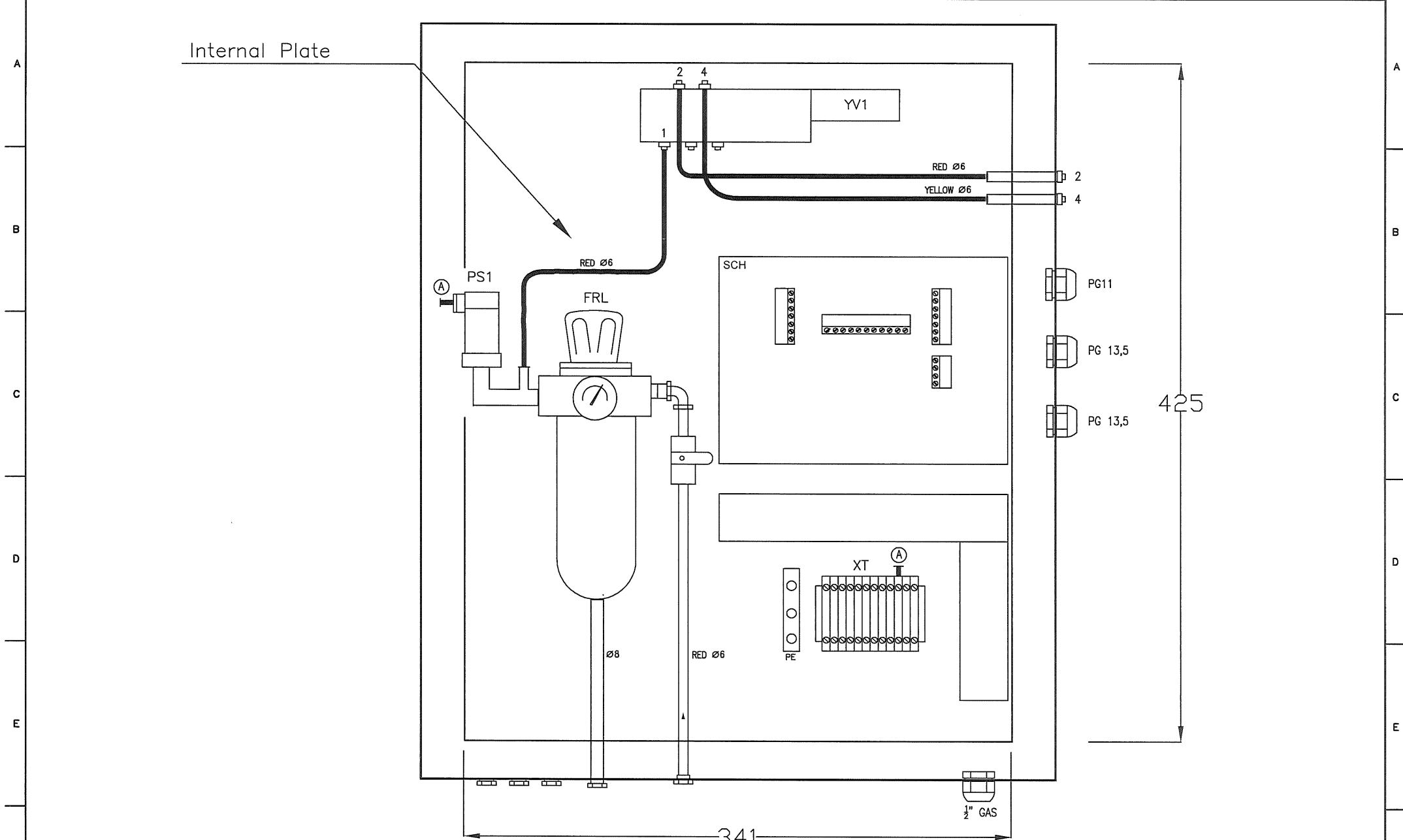


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UNI A3	1	UPDATE AFTER TEST	D.C.	11/09/2012	SABIZ PLANT	4		WKP-65WG1 ELECTRICAL AND PNEUMATIC JUNCTION BOX drawing's title:	THR: 25332-CC04-E018A	= -
	0	ISSUE FOR CONSTRUCTION	D.M.	25/07/2012					JOB : 2F11	+. dwg. 2F11-85-089
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rev.	Issue Description	Author	Date

SABIZ PLANT



WKP-65WG1
INTERNAL VIEW FOR
PNEUMATIC BOX
drawing's title:

THR: 25332-CC04-E019A

JOB : 2F11 dwg. 2F11-85-089

sheet 19
20 n.sh

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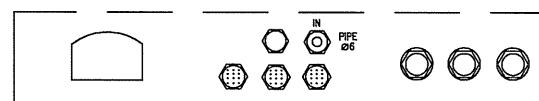
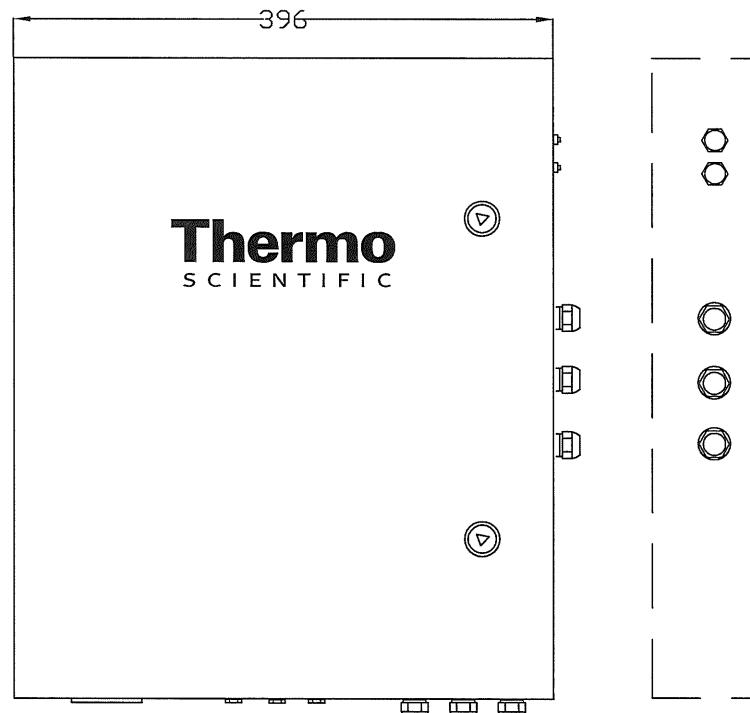
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UNI A3	1	UPDATE AFTER TEST	DC	11/09/2012	SABIZ PLANT		WKP-65WG1 TOPOGRAPHIC VIEW FOR PNEUMATIC BOX drawing's title:	THR: 25332-CC04-E020A	= -
	0	ISSUE FOR CONSTRUCTION	DM	25/07/2012				JOB : 2F11	dwg. 2F11-85-089
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	Drawing supplier 25332-CC04-E021A	Rev. 1	Plant SABIZ PLANT				
	Drawing 2F11-85-089	Sheet 21	Drawing's title ELECTRICAL EQUIPMENT LIST	1 0	UPDATE AFTER TEST ISSUE FOR CONSTRUCTION	DC DM	11/09/2012 25/07/2012
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 desmet ballestra	Drawing 2E50-85-089	Sheet 22	Drawing's title PNEUMATICAL EQUIPMENT LIST	1 0	UPDATE AFTER TEST ISSUE FOR CONSTRUCTION	DC DM	11/09/2012 25/07/2012
	Next -			Revision	Issue description	Author	Date