Project title: CT3027.01 Mantos Mixer, Deutchland

Project nr.:ON26864000660

Drawing nr.:102592

Customer: Mantos

Machin nr.: 11-0037

Last printet	06-02-2012	Konstr. (projekt/side): Erik Andersen / Erik Andersen	**Page** F
Last edited	25-08-2011	Reference name:	Previous page:
			Next page: I
			Approved (init/dato): EAN / 27-04-2011
			Project rev.:
			Last rev.:
			Description.:

CARNITECH

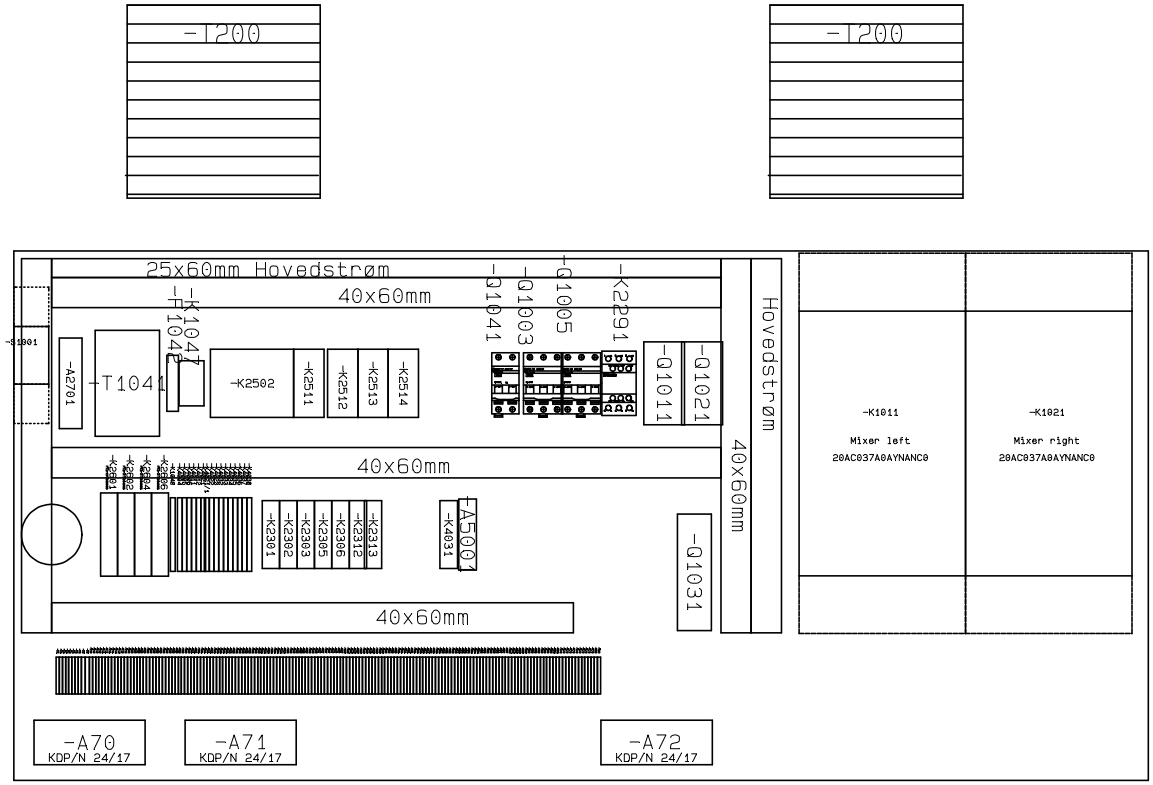
Carnitech

Layout page	**11.5.A**
Main circuit	**11.5.B**
Safety	**11.5.C**
PLC references	**11.5.D**
Input	**11.5.E**
Output	**11.5.F**
Analogue input	**11.5.G**
kabelplan	**11.5.H**
Komponentliste	**11.5.I**
Styklister	**11.5.J**

Reference overview

Reference name	Description
=MM1	Machine 1
+A1	Electrical box
+A2	Operatingpanel
+A3	Jogpanel at top lid

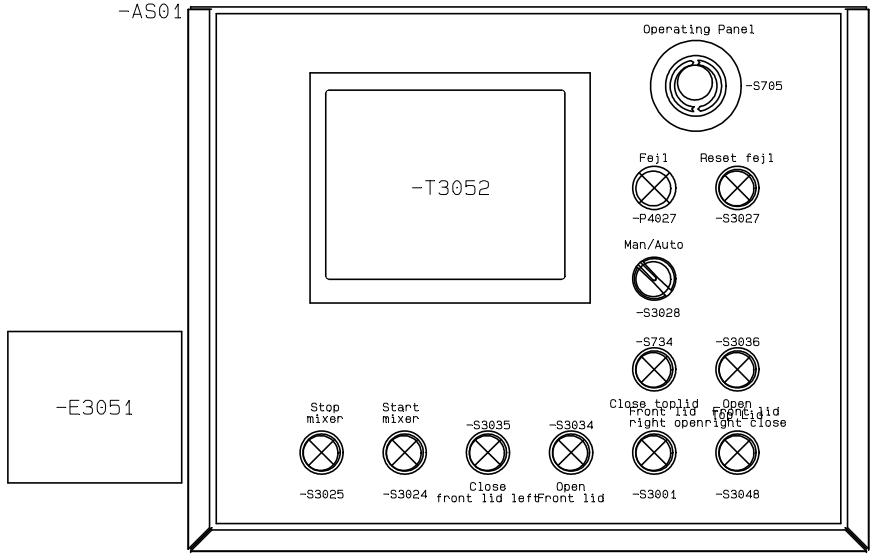
Layout page



CARNITECH	**Project titlel: CT3027.01 Mantos Mixer, Deutchland**		**Page** 50
	Page titel: Bace plate	**Funk./plac.** **=MM1+A1**	Drawing nr.:
	Costomer: Mantos	Konstr. (project/page):	Next page: 51
	File navn: CT3027.01_VacuumMixer - Mantos (aflevering)	Approved (init/date): /	Number of pages 70
	Project nr.: ON26864000660	Last edited 16-09-2011	Project rev.:

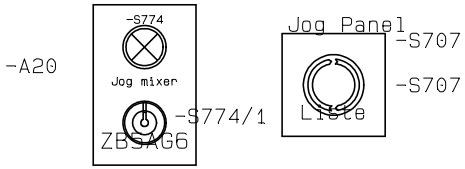
=MM1+A2

Operatingpanel



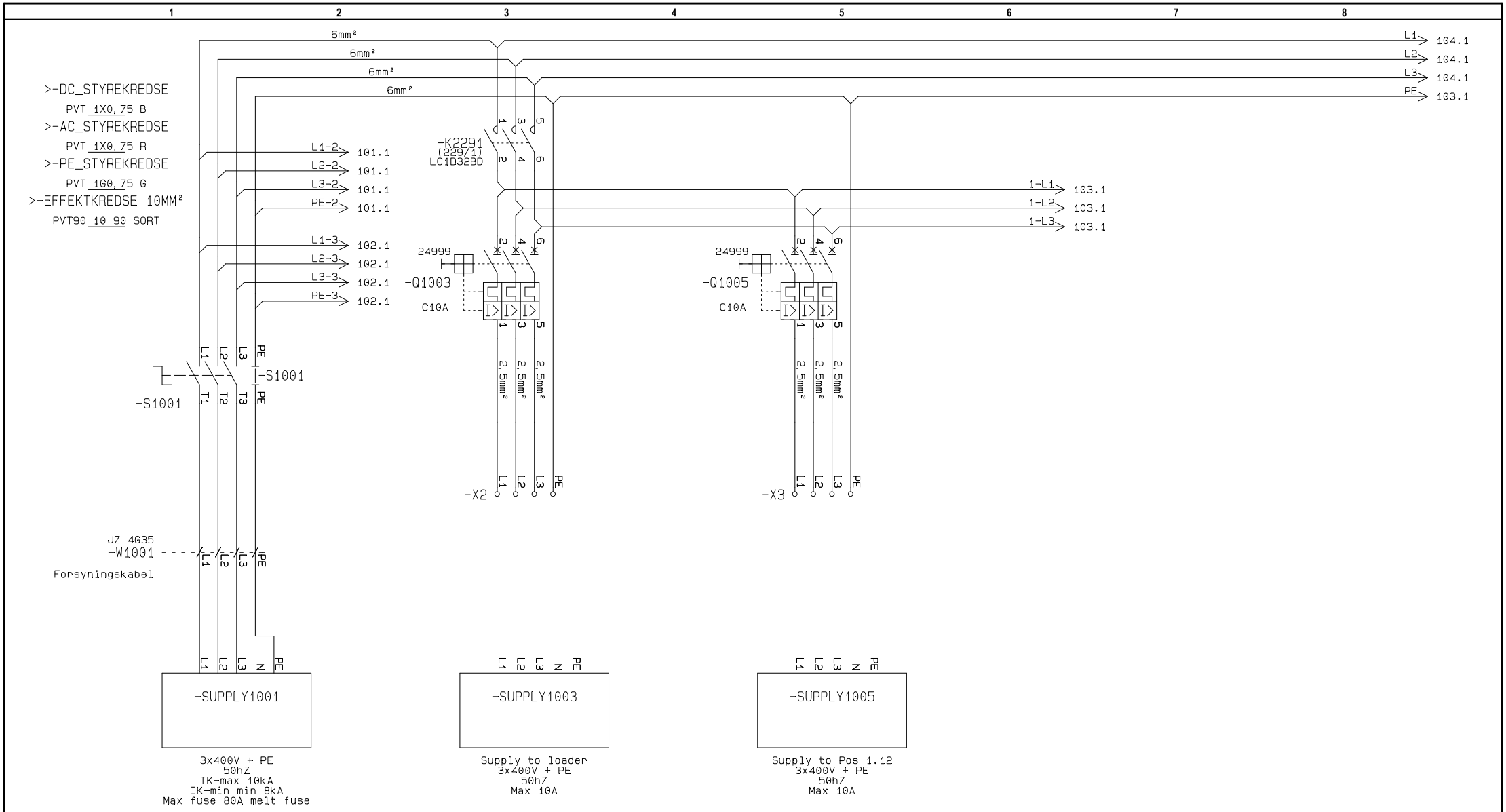
=MM1+A3

Jogpanel at top lid



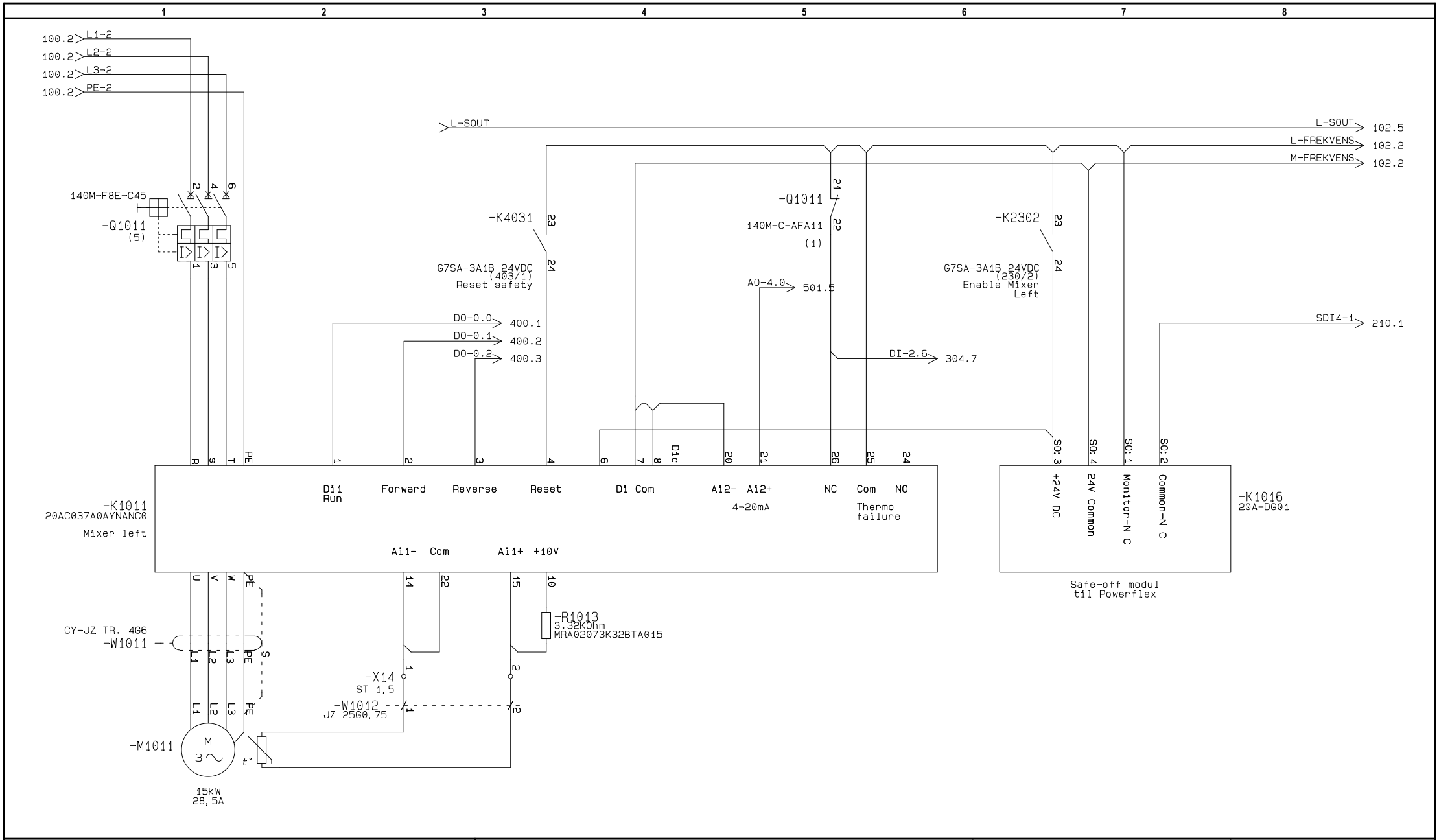
CARNITECH	**Project titlel: CT3027.01 Mantos Mixer, Deutchland**		**Page** 51
	Page titel: Panels layout	**Funk./plac.** **=MM1**	Drawing nr.:
	Costomer: Mantos	Konstr. (project/page):	Next page: Main circuit
	File navn: CT3027.01_VacuumMixer - Mantos (aflevering)	Approved (init/date): /	Number of pages 70
	Project nr.: ON26864000660	Last edited 16-09-2011	Project rev.:

Main circuit

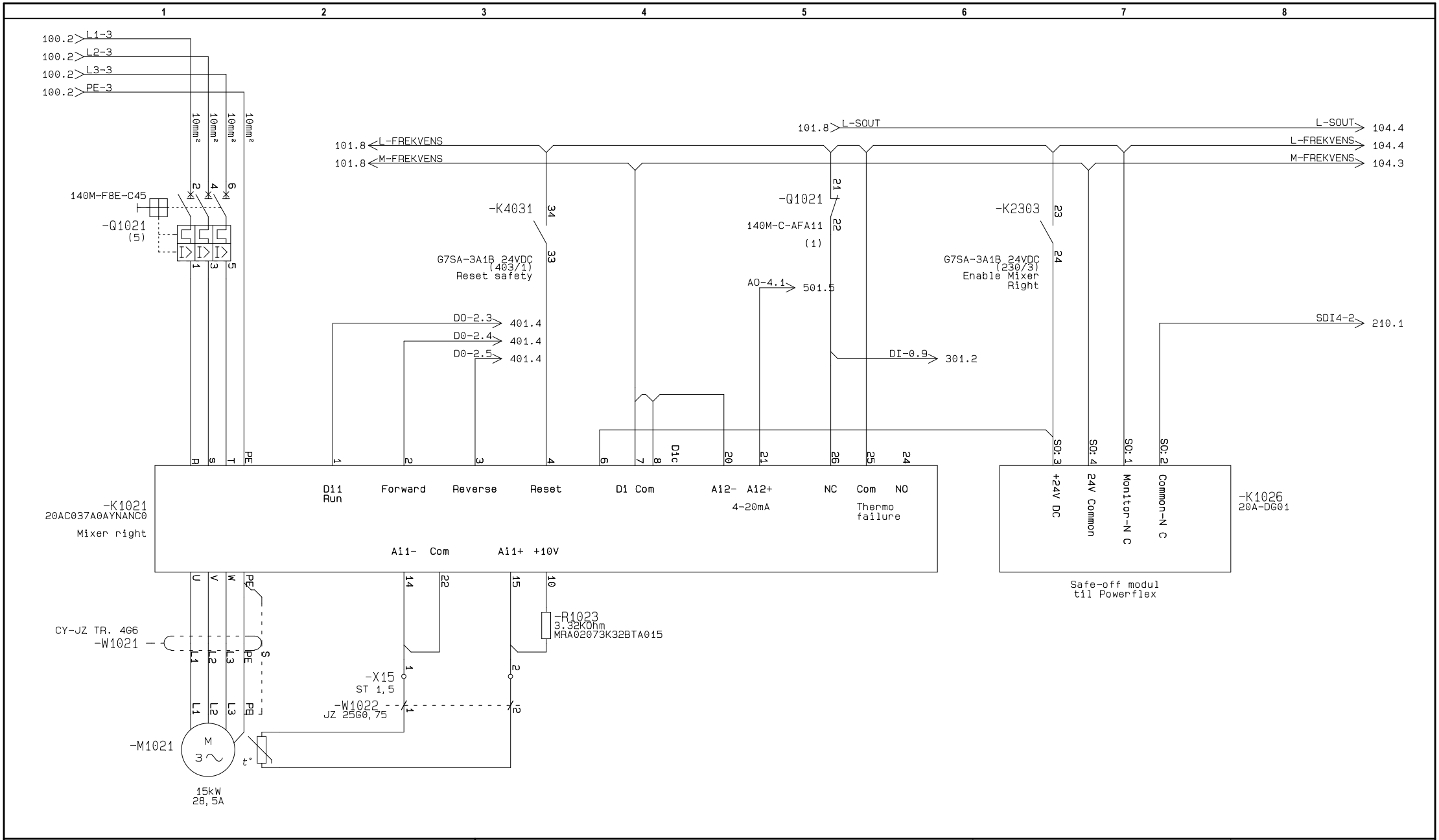


CARNITECH

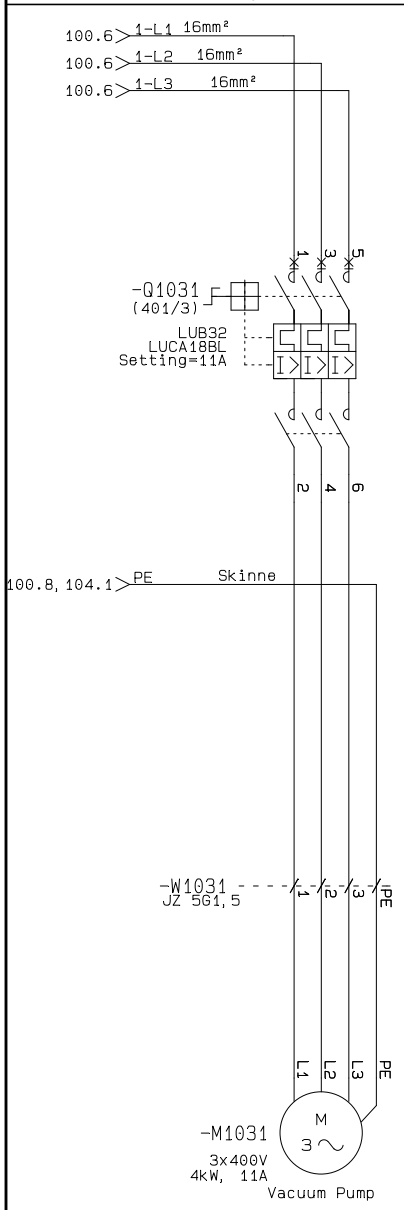
Project title: CT3027.01 Mantos Mixer, Deutchland	**Funk./plac.** **=MM1+A1**	**Page**	**100**
Page title: Main supply	Drawing nuber 102592		
Customer: Mantos	Constr. (project/page) Erik Andersen /	Next page	101
File name: CT3027.01_VacuumMixer - Mantos (aflevering)	Approved (init/date): /	Number of pages	70
Project number:ON26864000660	Last edited 19-09-2011	**Project rev.:**	



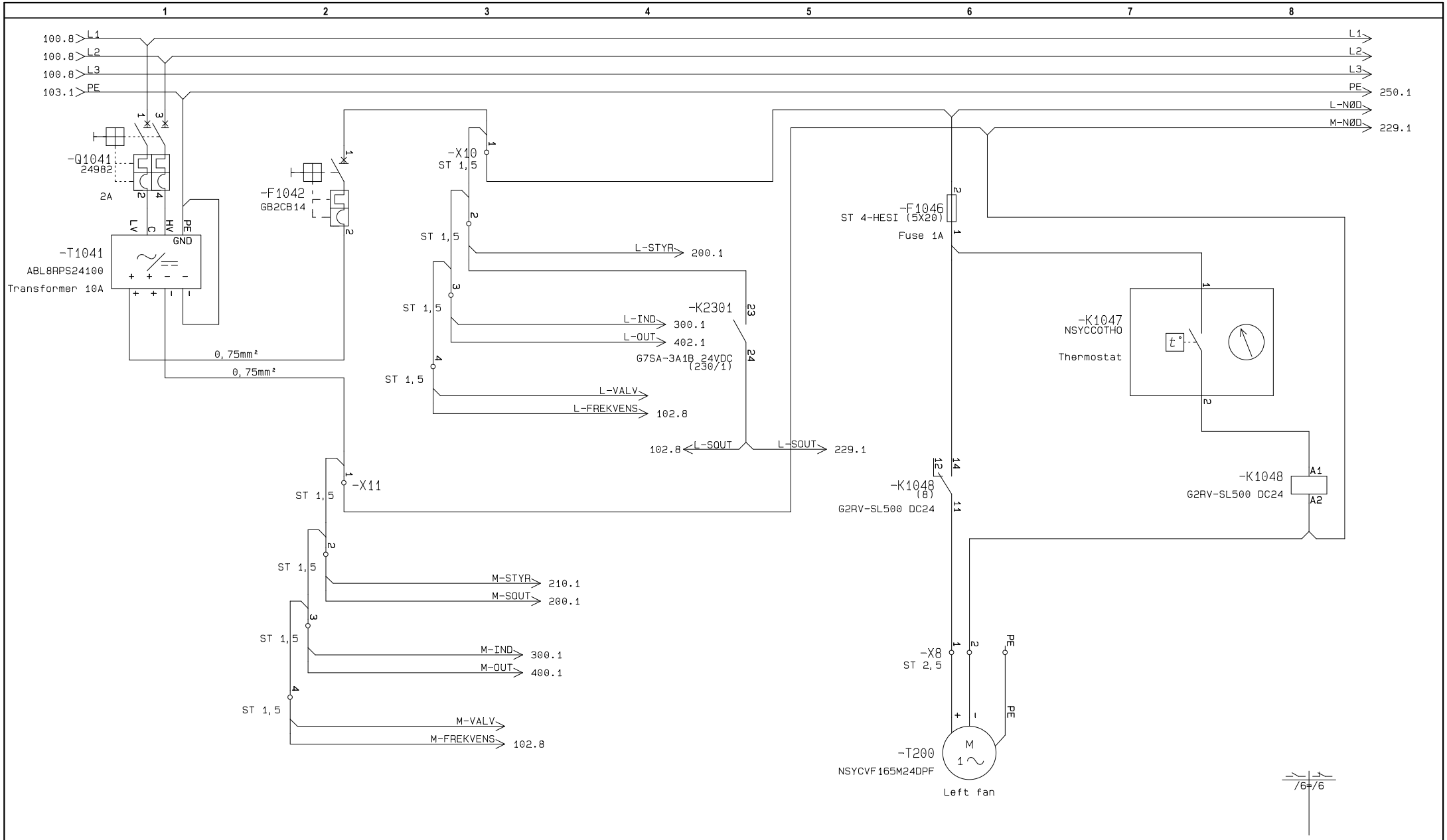
CARNITECH	**Project title: CT3027.01 Mantos Mixer, Deutchland**	**Funk./plac.** =MM1+A1	**Page** 101
	Page title: Mixer left	Drawing nuber 102592	
	Customer: Mantos	Constr. (project/page): Erik Andersen /	Next page 102
	File name: CT3027.01_VacuumMixer - Mantos (aflevering)	Approved (init/date): /	Number of pages 70
	Project number:ON26864000660	Last edited 06-10-2011	**Project rev.:**



CARNITECH	**Project title: CT3027.01 Mantos Mixer, Deutchland**	**Funk./plac.** =MM1+A1	**Page** 102
	Page title: Mixer right	Drawing nuber 102592	
	Customer: Mantos	Constr. (project/page) Erik Andersen /	Next page 103
	File name: CT3027.01_VacuumMixer - Mantos (aflevering)	Approved (init/date): /	Number of pages 70
	Project number:ON26864000660	Last edited 26-09-2011	**Project rev.:**

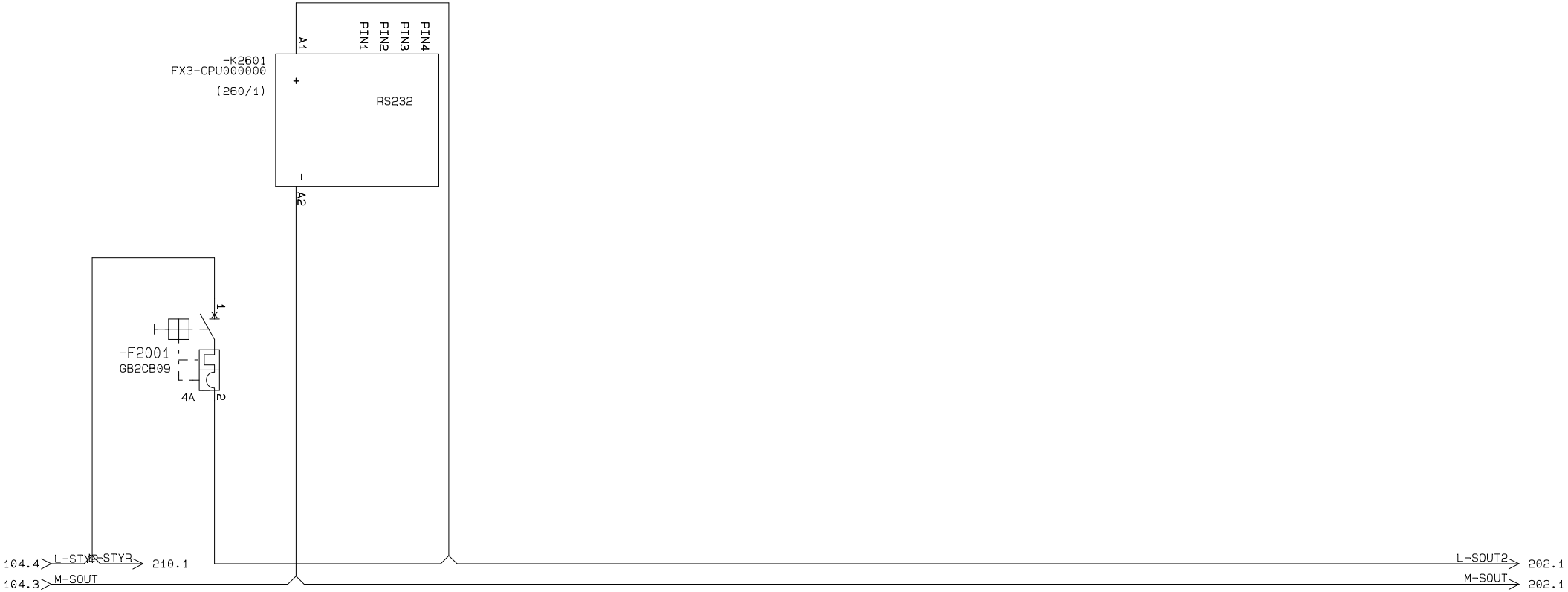


CARNITECH	**Project title: CT3027.01 Mantos Mixer, Deutchland**	**Funk./plac.** =MM1+A1	**Page** 103
	Page title: Vacuum pump	Drawing nuber 102592	
	Customer: Mantos	Constr. (project/page) Erik Andersen /	Next page 104
	File name: CT3027.01_VacuumMixer - Mantos (aflevering)	Approved (init/date): /	Number of pages 70
	Project number:ON26864000660	Last edited 24-08-2011	**Project rev.:**

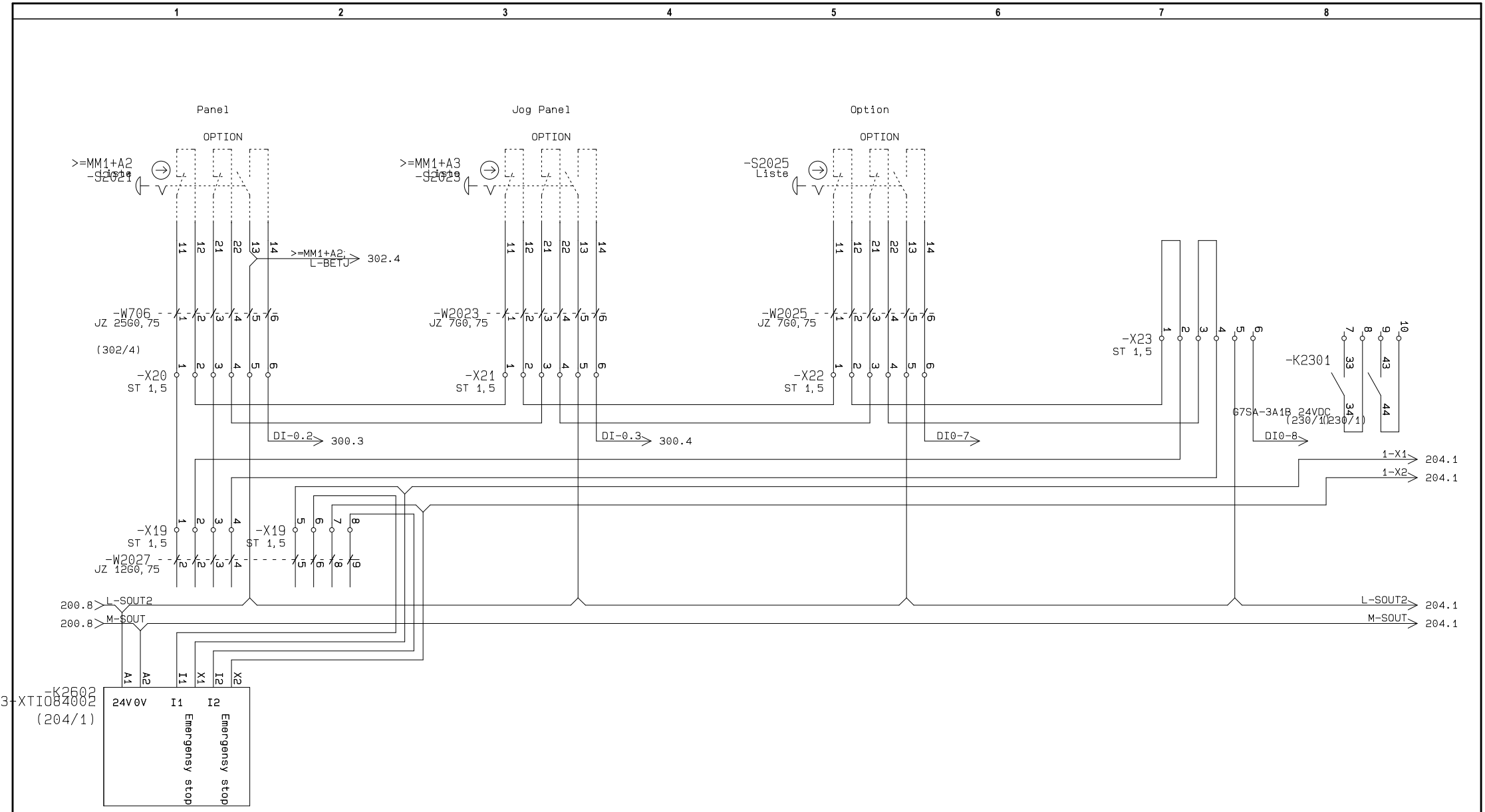


CARNITECH	**Project title: CT3027.01 Mantos Mixer, Deutchland**	**Funk./plac.** =MM1+A1	**Page** 104
	Page title: PSU	Drawing nuber 102592	
	Customer: Mantos	Constr. (project/page): Erik Andersen /	Next page Safety
	File name: CT3027.01_VacuumMixer - Mantos (aflevering)	Approved (init/date): /	Number of pages 70
	Project number:ON26864000660	Last edited 05-10-2011	**Project rev.:**

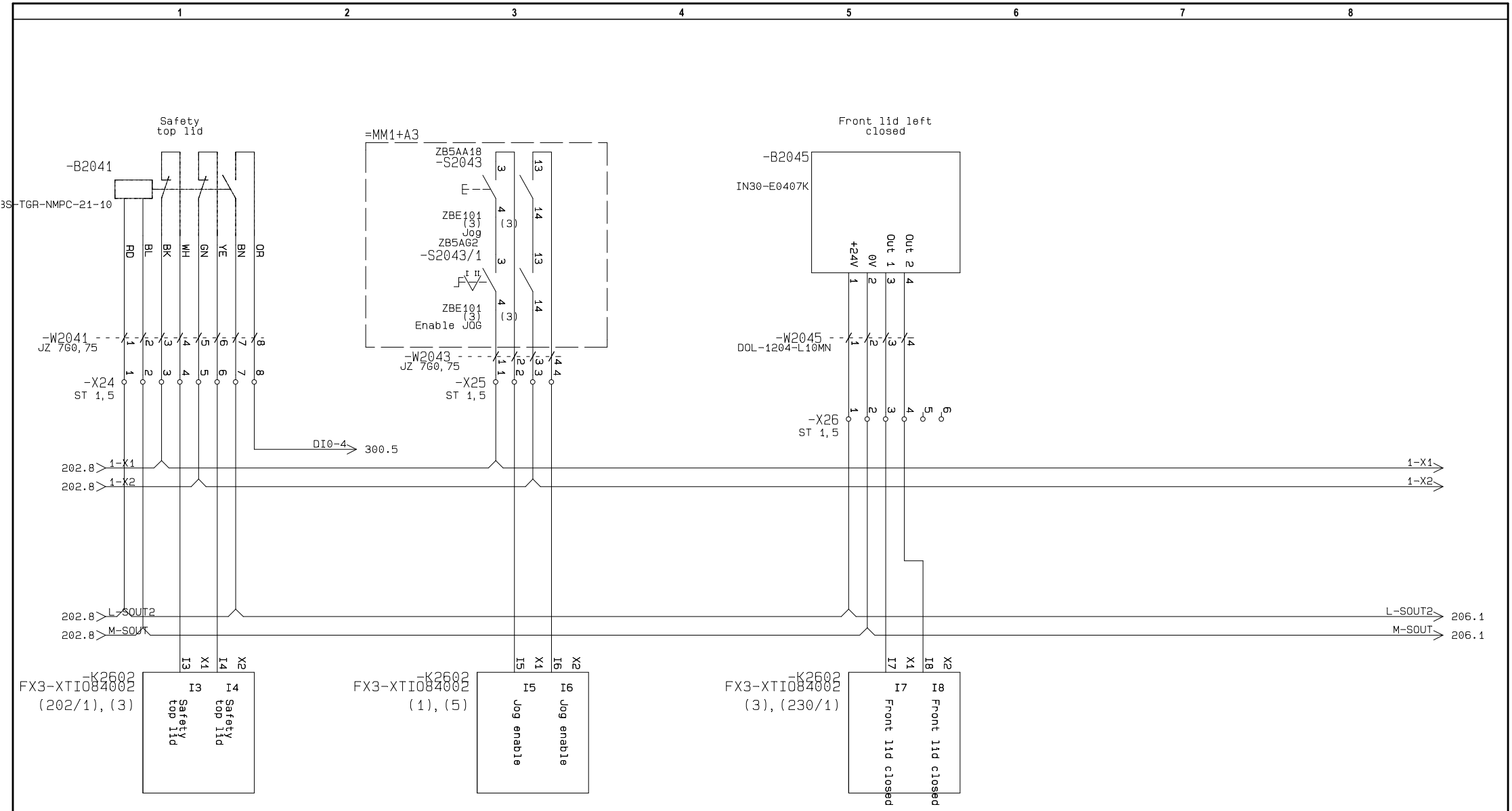
Safety



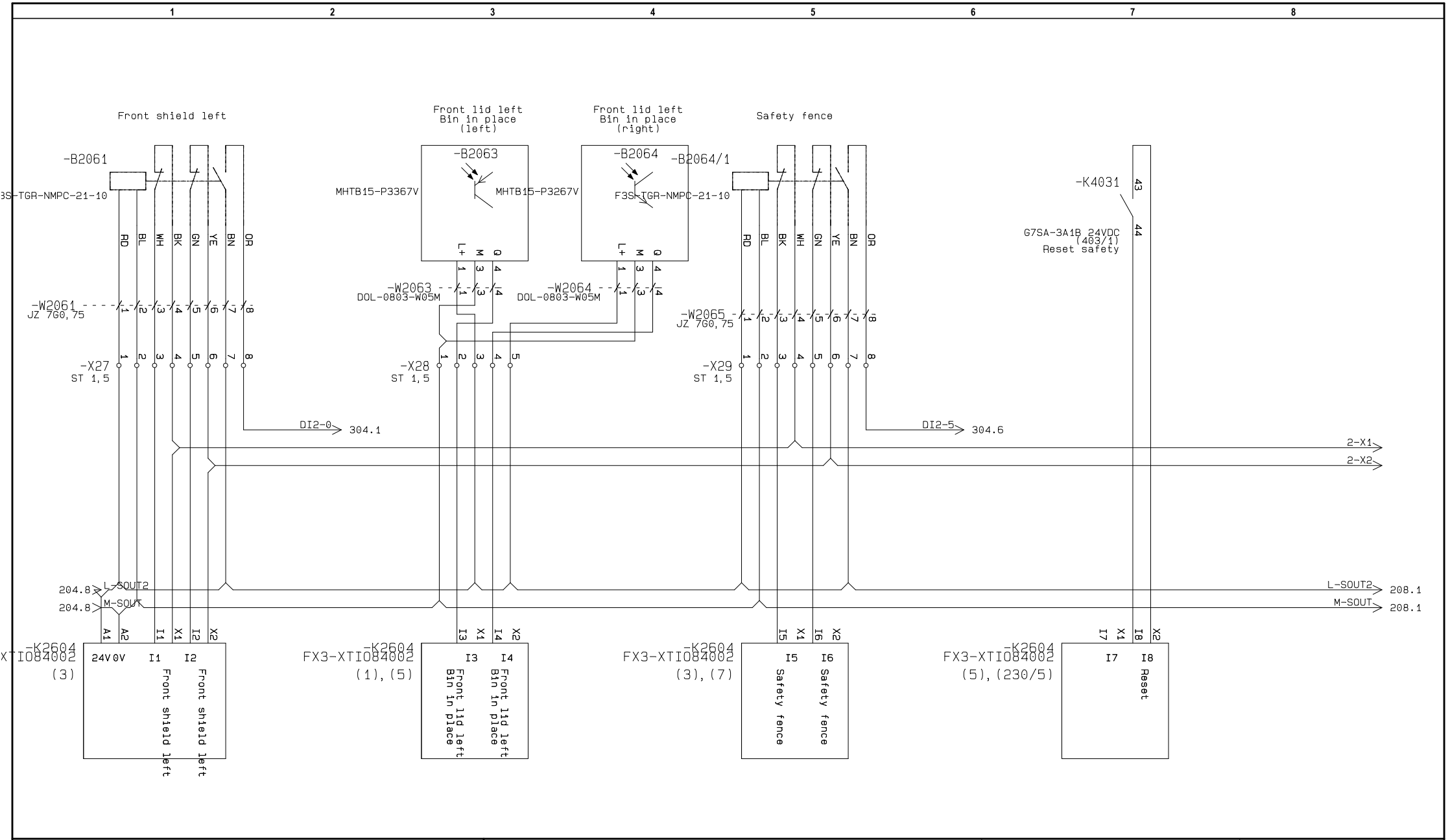
CARNITECH	**Project title: CT3027.01 Mantos Mixer, Deutchland**	**Funk./plac.** =MM1+A1	**Page** 200
	Page title: Flexisoft CPU	Drawing nuber 102592	
	Customer: Mantos	Constr. (project/page): Erik Andersen /	Next page 202
	File name: CT3027.01_VacuumMixer - Mantos (aflevering)	Approved (init/date): /	Number of pages 70
	Project number:ON26864000660	Last edited 26-09-2011	**Project rev.:**



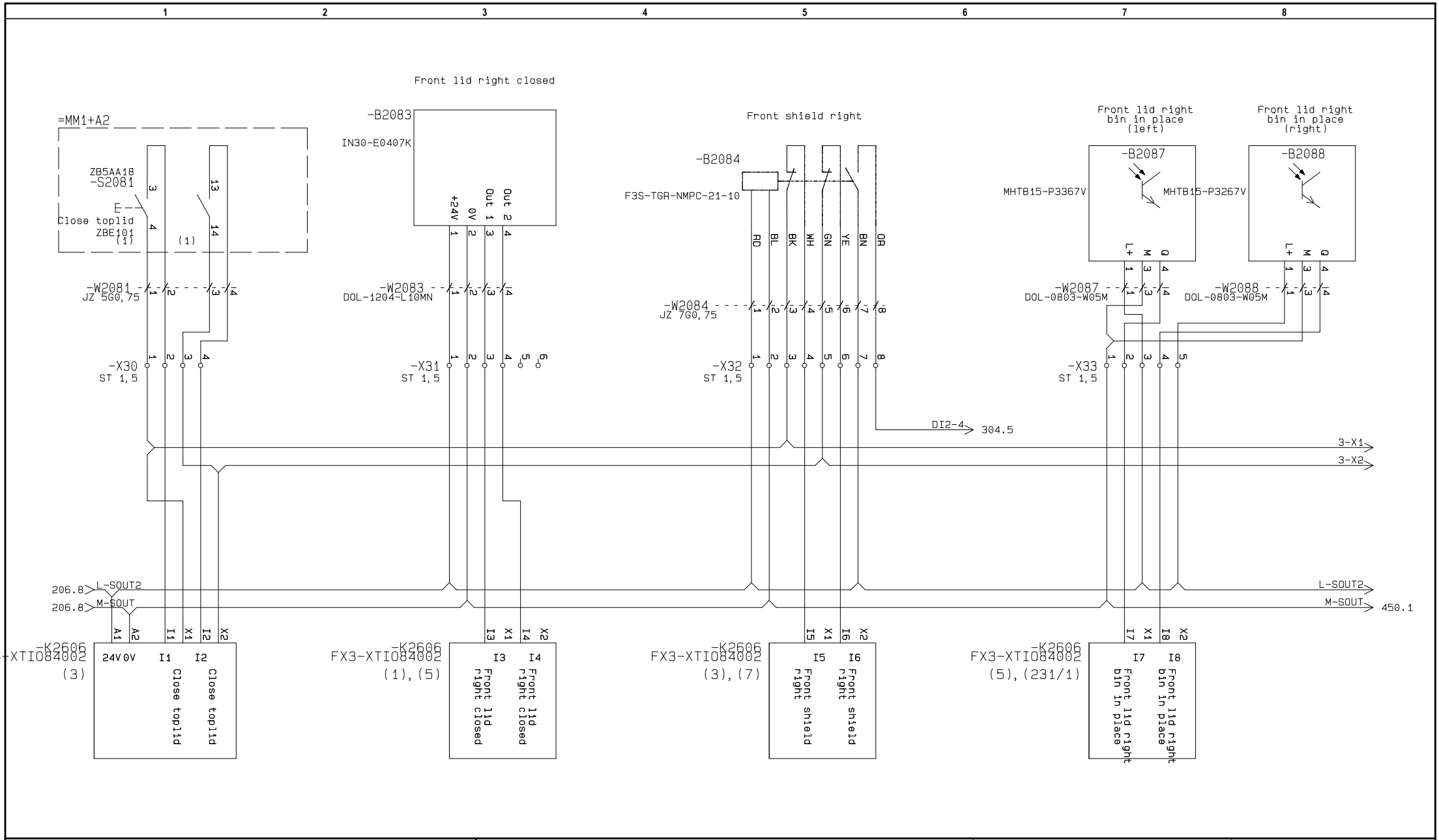
CARNITECH	**Project title: CT3027.01 Mantos Mixer, Deutchland**	**Funk./plac.** =MM1+A1	**Page** 202
	Page title: Emergensy stop	Drawing nuber 102592	
	Customer: Mantos	Constr. (project/page): Erik Andersen /	Next page 204
	File name: CT3027.01_VacuumMixer - Mantos (aflevering)	Approved (init/date): /	Number of pages 70
	Project number:ON26864000660	Last edited 07-10-2011	**Project rev.:**



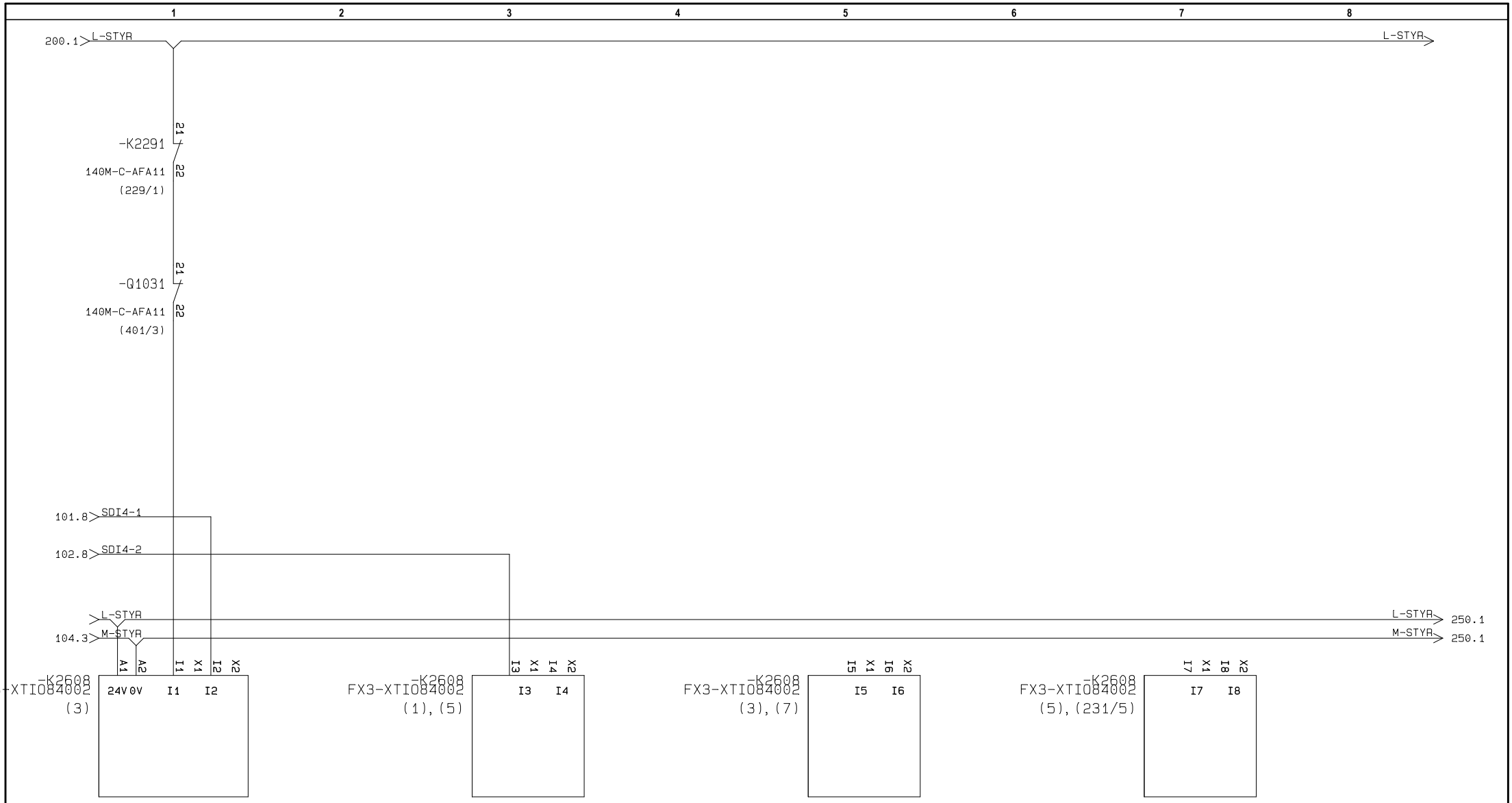
CARNITECH	**Project title: CT3027.01 Mantos Mixer, Deutchland**	**Funk./plac.** =MM1+A1	**Page** 204
	Page title: Safety for top lid	Drawing nuber 102592	
	Customer: Mantos	Constr. (project/page): Erik Andersen /	Next page 206
	File name: CT3027.01_VacuumMixer - Mantos (aflevering)	Approved (init/date): /	Number of pages 70
	Project number:ON26864000660	Last edited 16-09-2011	**Project rev.:**



CARNITECH	**Project title: CT3027.01 Mantos Mixer, Deutchland**	**Funk./plac.** =MM1+A1	**Page** 206
	Page title: Safety frontlid left	Drawing nuber 102592	
	Customer: Mantos	Constr. (project/page) Erik Andersen /	Next page 208
	File name: CT3027.01_VacuumMixer - Mantos (aflevering)	Approved (init/date): /	Number of pages 70
	Project number:ON26864000660	Last edited 16-09-2011	**Project rev.:**

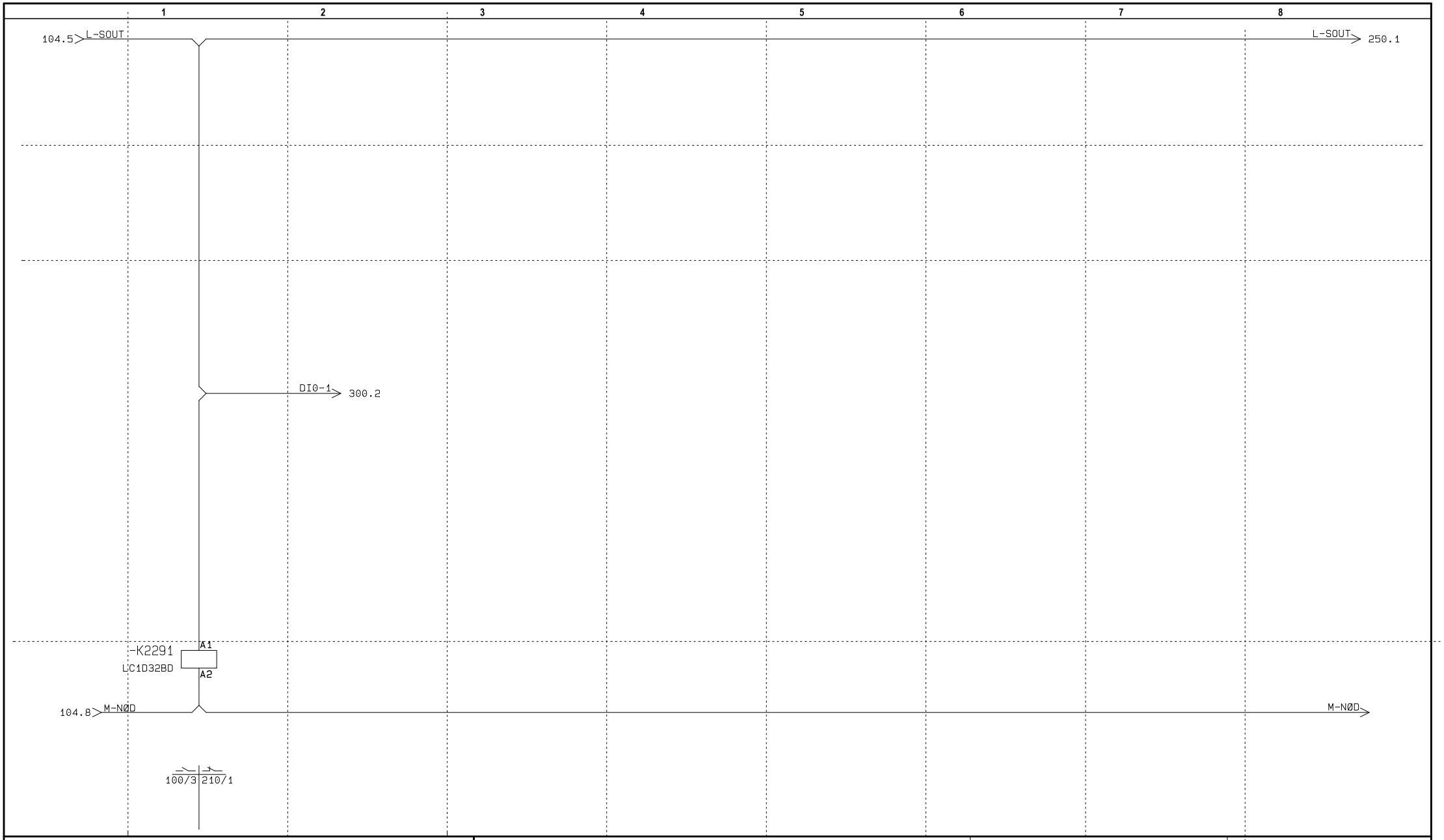


CARNITECH	**Project title: CT3027.01 Mantos Mixer, Deutchland**	**Funk./plac.** =MM1+A1	**Page** 208
	Page title:	Drawing nuber 102592	
	Customer: Mantos	Constr. (project/page): Erik Andersen /	Next page 210
	File name: CT3027.01_VacuumMixer - Mantos (aflevering)	Approved (init/date): /	Number of pages 70
	Project number:ON26864000660	Last edited 16-09-2011	**Project rev.:**

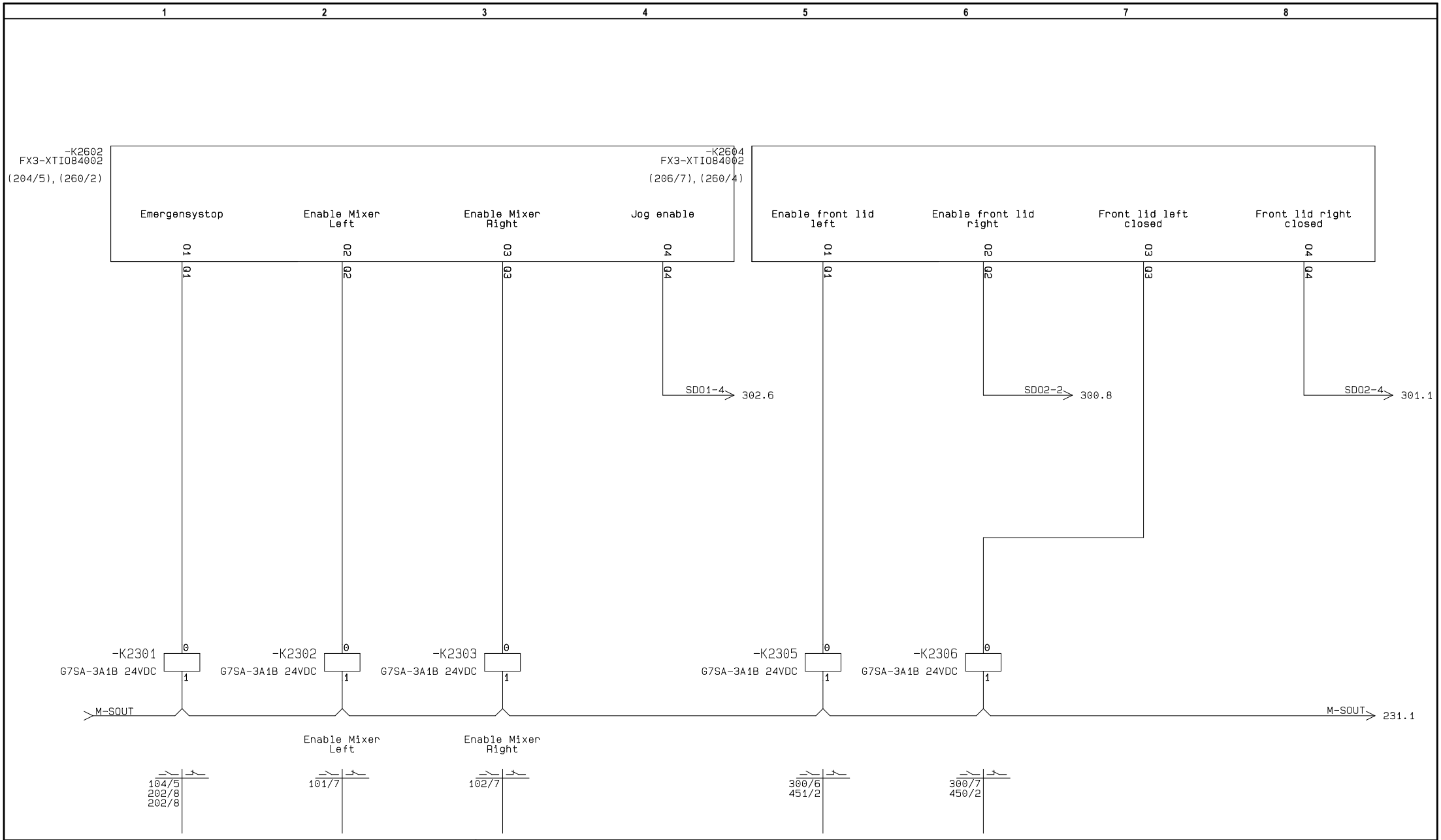


CARNITECH

Project title: CT3027.01 Mantos Mixer, Deutchland	**Funk./plac.**	**=MM1+A1**	**Page** **210**
Page title:	Drawing nuber	102592	
Customer: Mantos	Constr. (project/page):	Erik Andersen /	Next page 229
File name: CT3027.01_VacuumMixer - Mantos (aflevering)	Approved (init/date):	/	Number of pages 70
Project number:ON26864000660	Last edited	05-10-2011	**Project rev.:**

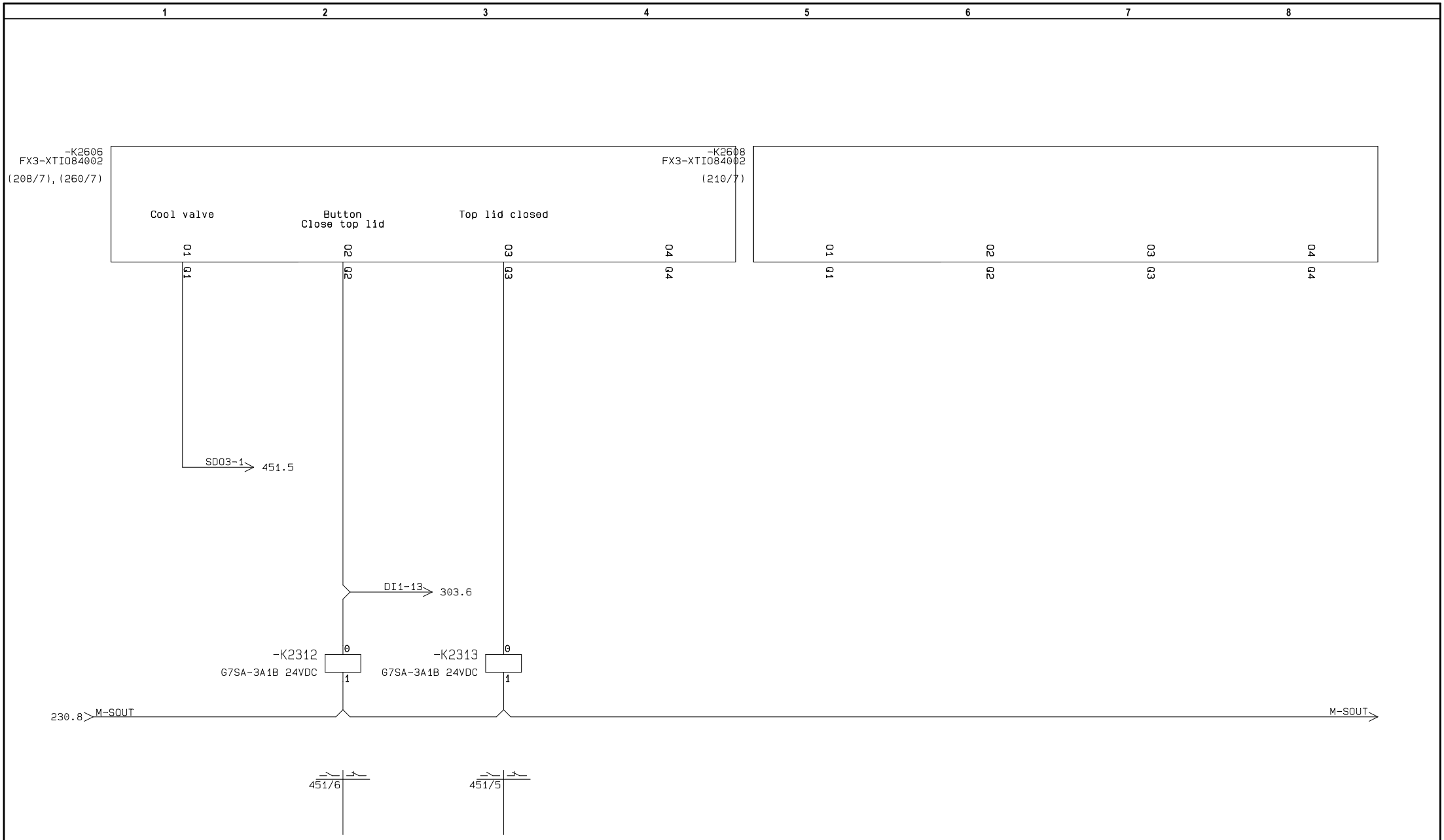


CARNITECH	**Project title: CT3027.01 Mantos Mixer, Deutchland**	**Funk./plac.** =MM1+A1	**Page** 229
	Page title: Safety relays	Drawing nuber 102592	
	Customer: Mantos	Constr. (project/page): Erik Andersen /	Next page 230
	File name: CT3027.01_VacuumMixer - Mantos (aflevering)	Approved (init/date): /	Number of pages 70
	Project number:ON26864000660	Last edited 05-10-2011	**Project rev.:**



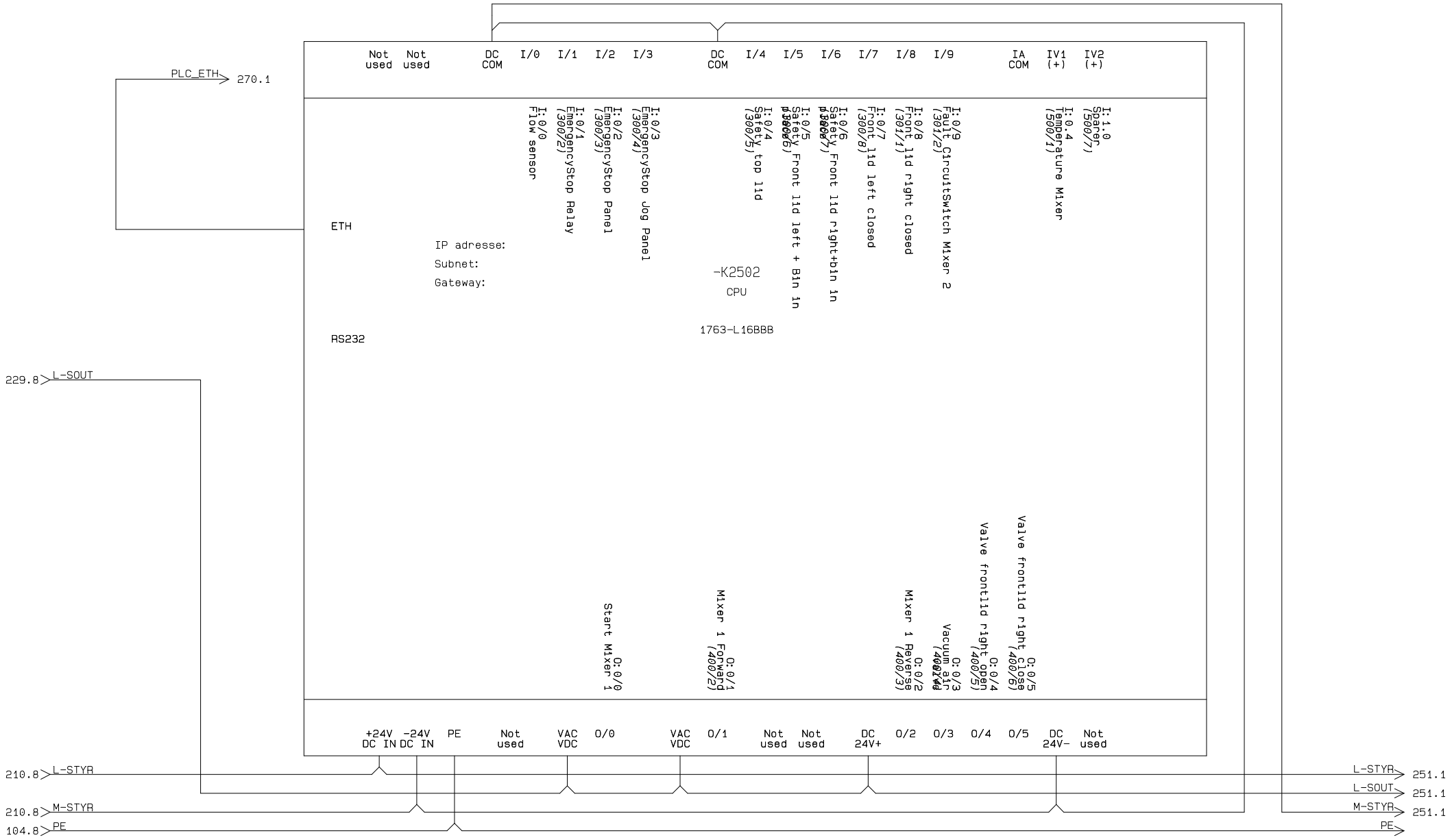
CARNITECH

Project title: CT3027.01 Mantos Mixer, Deutchland	**Funk./plac.**	**=MM1+A1**	**Page** 230
Page title:	Drawing nuber	102592	
Customer: Mantos	Constr. (project/page):	Erik Andersen /	Next page 231
File name: CT3027.01_VacuumMixer - Mantos (aflevering)	Approved (init/date):	/	Number of pages 70
Project number:ON26864000660	Last edited	26-09-2011	**Project rev.:**



CARNITECH	**Project title: CT3027.01 Mantos Mixer, Deutchland**	**Funk./plac.** =MM1+A1	**Page** 231
	Page title:	Drawing nuber 102592	
	Customer: Mantos	Constr. (project/page): Erik Andersen /	Next page PLC references
	File name: CT3027.01_VacuumMixer - Mantos (aflevering)	Approved (init/date): /	Number of pages 70
	Project number:ON26864000660	Last edited 05-10-2011	**Project rev.:**

PLC references



CARNITECH

Project title: CT3027.01 Mantos Mixer, Deutchland	**Funk./plac.** =MM1+A1	**Page**	**250**
Page title: PLC Referencer	Drawing nuber 102592		
Customer: Mantos	Constr. (project/page) Erik Andersen /	Next page	251
File name: CT3027.01_VacuumMixer - Mantos (aflevering)	Approved (init/date): /	Number of pages	70
Project number:ON26864000660	Last edited 05-12-2011	**Project rev.:**	

1	2	3	4

250.8 > L-STYR — L-STYR > 270.1
250.8 > L-SOUT — L-SOUT > 450.1
250.8 > M-STYR — M-STYR > 270.1

-K2511

DC COM 0 (IN0==>IN7) | DC COM 0 (IN8==>IN15)

I: 1/0
IN0 Signal Exhaust Running.
(302/1)

I: 1/1
IN1 Signal Ok To Start Emptying
(302/2)

I: 1/2
IN2 Signal Interlock Top Lid
(302/3)

I: 1/3
IN3 Start Mixer
(302/4)

I: 1/4
IN4 Stop Mixer
(302/5)

I: 1/5
IN5 Jog Mixer
(302/6)

I: 1/6
IN6 Reset nødstop
(302/7)

I: 1/7
IN7 Man/Auto
(302/8)

I: 1/8
IN8 Sensor Exhauster Pipe Open
(303/1)

I: 1/9
IN9 Sensor Exhauster Pipe Closed
(303/2)

I: 1/10
IN10 Open Front Lid
(303/3)

I: 1/11
IN11 Close Front Lid
(303/4)

I: 1/12
IN12 Open Top Lid
(303/5)

I: 1/13
IN13 Close Top Lid
(303/6)

I: 1/14
IN14 Water Level
(303/7)

I: 1/15
IN15 Grinder shute
(303/8)

1762-IQ16 DC

-K2512

DC COM 0 (IN0==>IN4) | DC COM 1 (IN5==>IN8) | Vac/VDC | Vac/VDC

I: 2/0
IN0 Frontshield left Closed
(304/1)

I: 2/1
IN1 Sensor Frontlid left in place
(304/2)

I: 2/2
IN2 Sensor Top Lid Open
(304/3)

I: 2/3
IN3 Sensor Top Lid Closed
(304/4)

I: 2/4
IN4 Front shield Right Closed
(304/5)

I: 2/5
IN5 Safety fence OK
(304/6)

I: 2/6
IN6 Fault CircuitSwitch Mixer 1
(304/7)

I: 2/7
IN7 N2 valve alarm switch
(304/8)

O: 2/0
Out0 Valve Water Vacuumpump
(401/1)

O: 2/1
Out1 Valve Close Exhauster pipe
(401/2)

O: 2/2
Out2 Vacuum pump
(401/3)

O: 2/3
Out3 Start Mixer 2
(401/4)

O: 2/4
Out4 Mixer 2 Forward
(401/5)

O: 2/5
Out5 Mixer 2 Reverse
(401/6)

1762-IQ80W6

-K2513

+VDC | DC Com

O: 3/0
OUT0 Signal Mixer Ready Toplid Open
(402/1)

O: 3/1
OUT1 Signal Mixer Emptying
(402/2)

O: 3/2
OUT2 Signal Start Exhaust
(402/3)

O: 3/3
OUT3 Lamp Mixer Running
(402/4)

O: 3/4
OUT4 Lamp Front Lid Left Open
(402/5)

O: 3/5
OUT5 Lamp Front Lid Right Open
(402/6)

O: 3/6
OUT6 Lamp Reset/Fault
(402/7)

O: 3/7
OUT7 Lamp Safety Fault
(402/8)

O: 3/8
OUT8 Reset Emergencystop/Fault
(403/1)

O: 3/9
OUT9 Toplid interlog
(403/2)

O: 3/10
OUT10 Valve Front Lid Open
(403/3)

O: 3/11
OUT11 Valve Front Lid Close
(403/4)

O: 3/12
OUT12 Valve Top Lid Open
(403/5)

O: 3/13
OUT13 Valve Top Lid Close
(403/6)

O: 3/14
OUT14 Valve Chill refrigiant
(403/7)

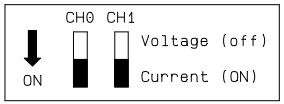
O: 3/15
OUT15 Valve Water dosing (option)
(403/8)

1762-OB16

-K2514

IN0+

I: 4.0
IN0- Vejeceller (option)
(501/1)



IN1+

I: 4.1
IN1- Vacuum presure
(501/2)

I OUT0

V OUT0

O: 4.0
COM Speed Mixer 1
(501/5)

I OUT1

V OUT1

O: 4.1
COM Speed Mixer 2
(501/6)

1762-IF2OF2

CARNITECH	**Project title: CT3027.01 Mantos Mixer, Deutchland**	**Funk./plac.** =MM1+A1	**Page** 251
	Page title: PLC Referencer	Drawing nuber 102592	
	Customer: Mantos	Constr. (project/page) Erik Andersen /	Next page 260
	File name: CT3027.01_VacuumMixer - Mantos (aflevering)	Approved (init/date): /	Number of pages 70
	Project number:ON26864000660	Last edited 05-12-2011	**Project rev.:**

Input 1 I1	I1
Input 2 I2	I2
Input 3 I3	I3
Input 4 I4	I4
Input 5 I5	I5
Input 6 I6	I6
Input 7 I7	I7
Input 8 I8	I8
Output 1 Q1	O1
Output 2 Q2	O2
Output 3 Q3	O3
Output 4 Q4	O4

-K2606
(231/1)
FX3-XTIO84002

Input 1 I1	I1
Input 2 I2	I2
Input 3 I3	I3
Input 4 I4	I4
Input 5 I5	I5
Input 6 I6	I6
Input 7 I7	I7
Input 8 I8	I8
Output 1 Q1	O1
Output 2 Q2	O2
Output 3 Q3	O3
Output 4 Q4	O4

-K2604
(230/5)
FX3-XTIO84002

Input 1 I1	I1
Input 2 I2	I2
Input 3 I3	I3
Input 4 I4	I4
Input 5 I5	I5
Input 6 I6	I6
Input 7 I7	I7
Input 8 I8	I8
Output 1 Q1	O1
Output 2 Q2	O2
Output 3 Q3	O3
Output 4 Q4	O4

-K2602
(230/1)
FX3-XTIO84002

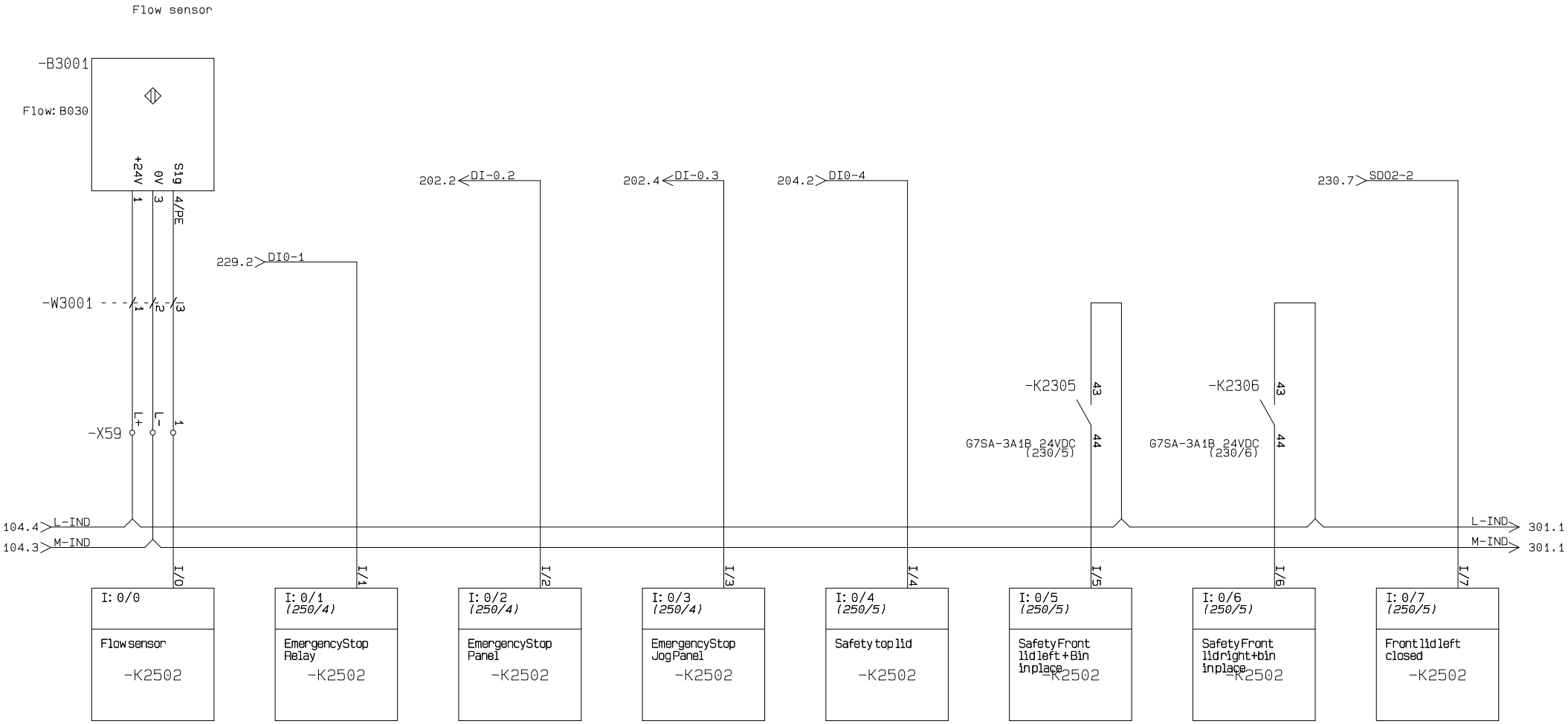
-K2601
(200/2)
FX3-CPU000000

CARNITECH

Project title: CT3027.01 Mantos Mixer, Deutchland	**Funk./plac.**	**=MM1+A1**	**Page**	**260**
Page title: Flexisoft Referencer	Drawing nuber	102592		
Customer: Mantos	Constr. (project/page):	Erik Andersen /	Next page	270
File name: CT3027.01_VacuumMixer - Mantos (aflevering)	Approved (init/date):	/	Number of pages	70
Project number:ON26864000660	Last edited	06-10-2011	**Project rev.:**	

CARNITECH	**Project title: CT3027.01 Mantos Mixer, Deutchland**	**Funk./plac.** **=MM1+A1**	**Page** **270**
	Page title: Ethernetswitch	Drawing nuber 102592	
	Customer: Mantos	Constr. (project/page) Erik Andersen /	Next page Input
	File name: CT3027.01_VacuumMixer - Mantos (aflevering)	Approved (init/date): /	Number of pages 70
	Project number:ON26864000660	Last edited 25-08-2011	**Project rev.:**

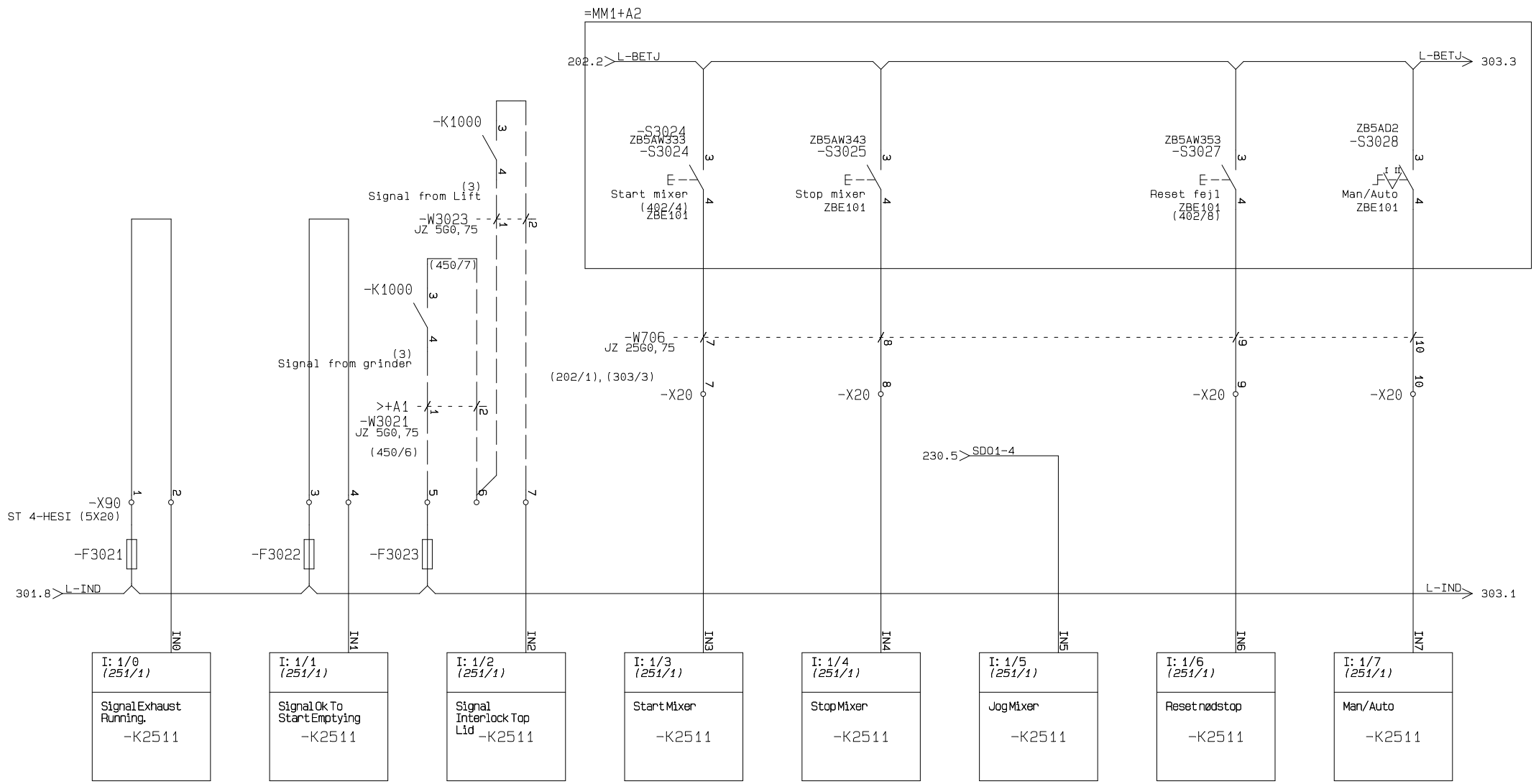
Input



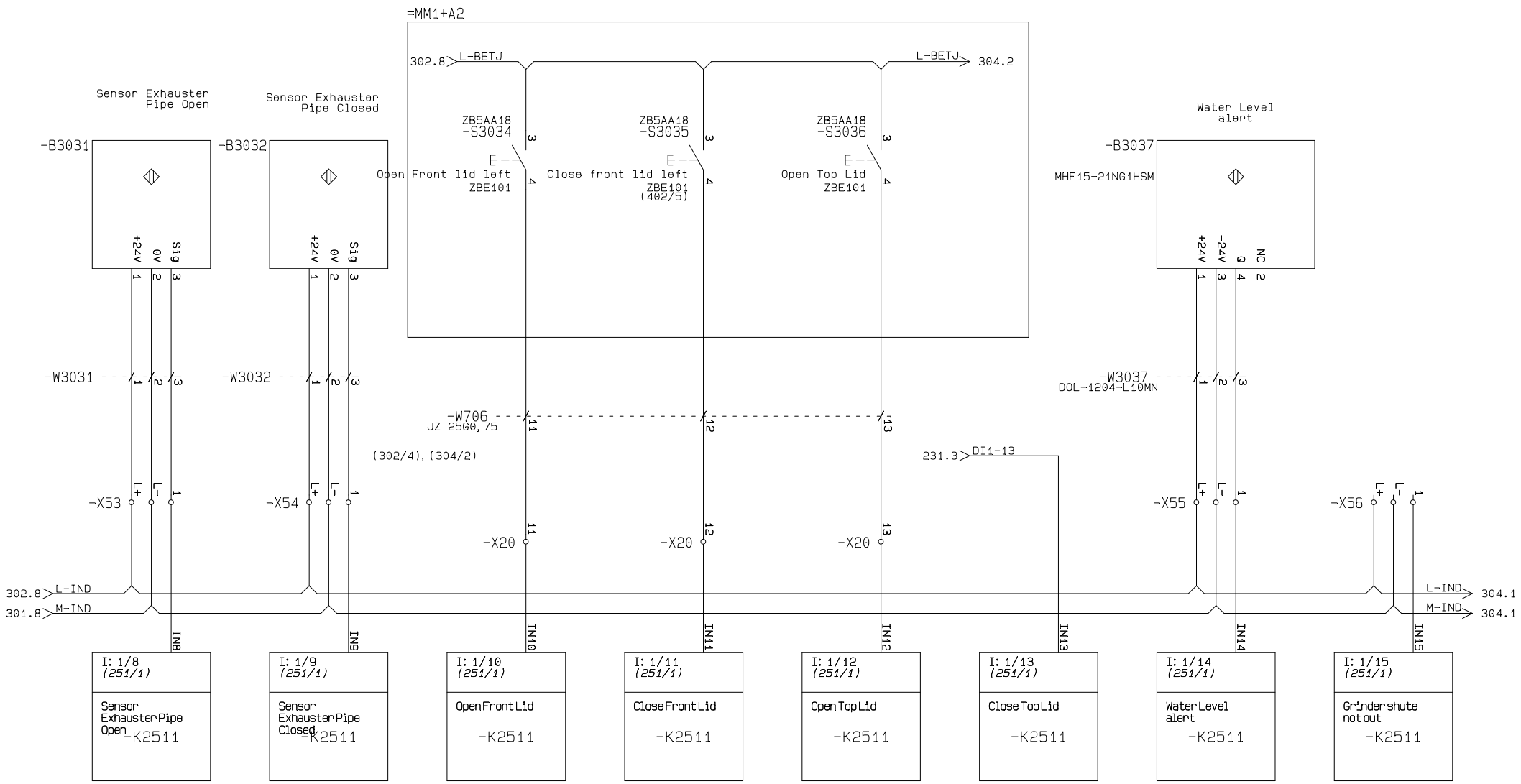
CARNITECH

Project title: CT3027.01 Mantos Mixer, Deutchland	**Funk./plac.**	**=MM1+A1**	**Page** **300**
Page title: Input	Drawing nuber	102592	
Customer: Mantos	Constr. (project/page)	Erik Andersen /	Next page 301
File name: CT3027.01_VacuumMixer - Mantos (aflevering)	Approved (init/date):	/	Number of pages 70
Project number:ON26864000660	Last edited	05-12-2011	**Project rev.:**

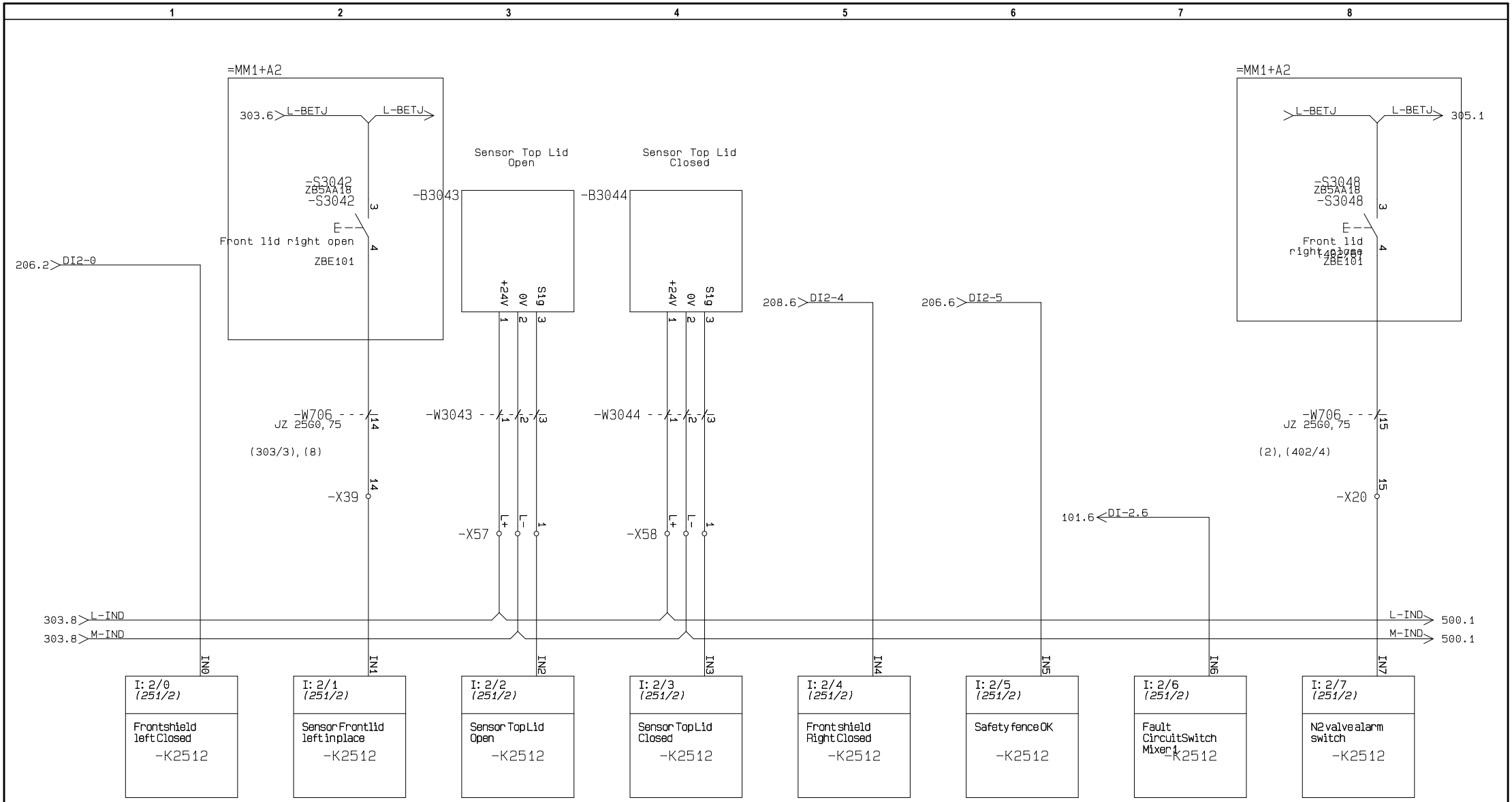
CARNITECH	**Project title: CT3027.01 Mantos Mixer, Deutchland**	**Funk./plac.** =MM1+A1	**Page** 301
	Page title: Input	Drawing nuber 102592	
	Customer: Mantos	Constr. (project/page) Erik Andersen /	Next page 302
	File name: CT3027.01_VacuumMixer - Mantos (aflevering)	Approved (init/date): /	Number of pages 70
	Project number:ON26864000660	Last edited 16-09-2011	**Project rev.:**



CARNITECH	**Project title: CT3027.01 Mantos Mixer, Deutchland**	**Funk./plac.** =MM1+A1	**Page** 302
	Page title: Input	Drawing nuber 102592	
	Customer: Mantos	Constr. (project/page) Erik Andersen /	Next page 303
	File name: CT3027.01_VacuumMixer - Mantos (aflevering)	Approved (init/date): /	Number of pages 70
	Project number:ON26864000660	Last edited 05-10-2011	**Project rev.:**

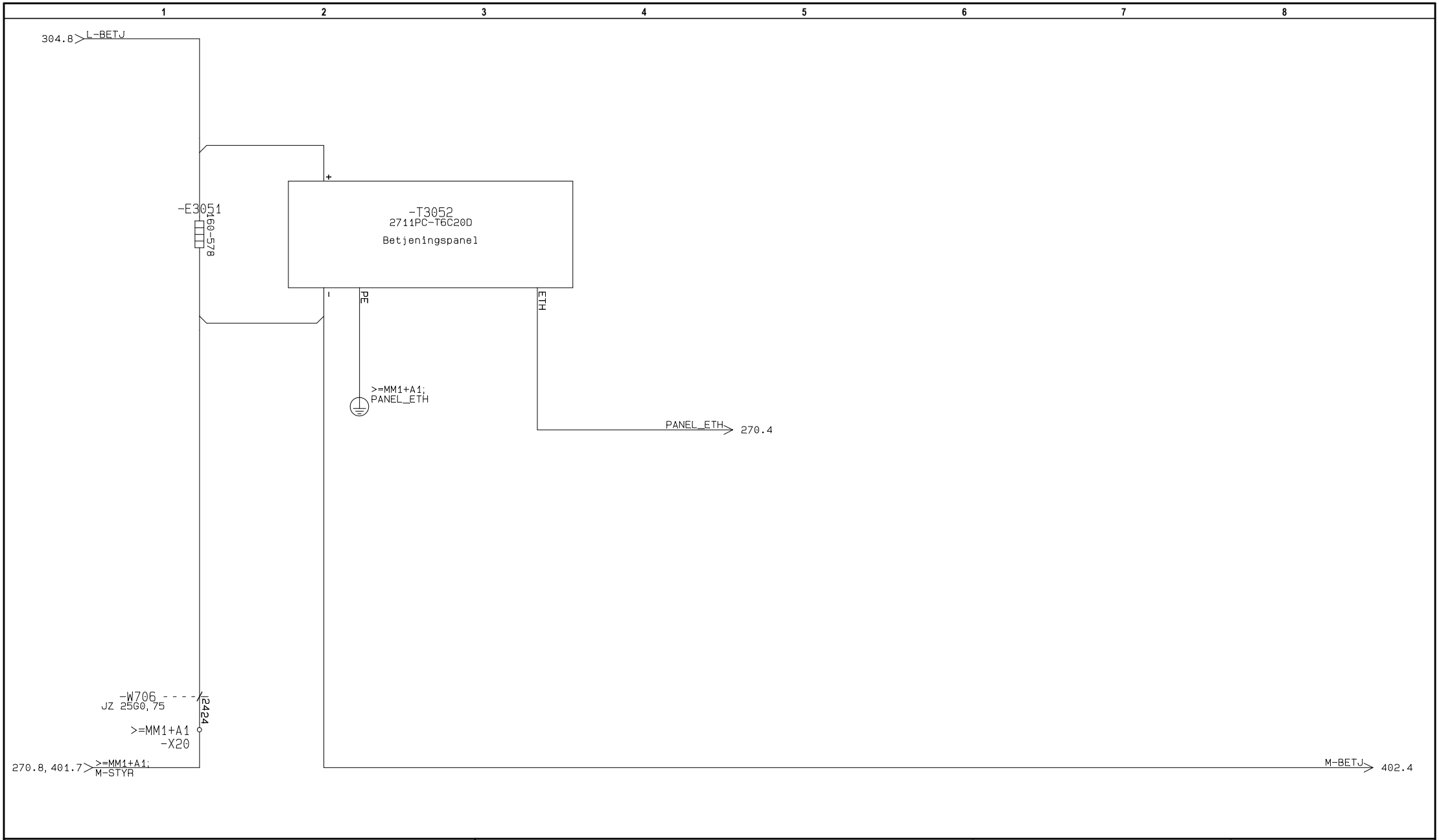


CARNITECH	**Project title: CT3027.01 Mantos Mixer, Deutchland**	**Funk./plac.** =MM1+A1	**Page** 303
	Page title: Input	Drawing nuber 102592	
	Customer: Mantos	Constr. (project/page) Erik Andersen /	Next page 304
	File name: CT3027.01_VacuumMixer - Mantos (aflevering)	Approved (init/date): /	Number of pages 70
	Project number:ON26864000660	Last edited 16-09-2011	**Project rev.:**



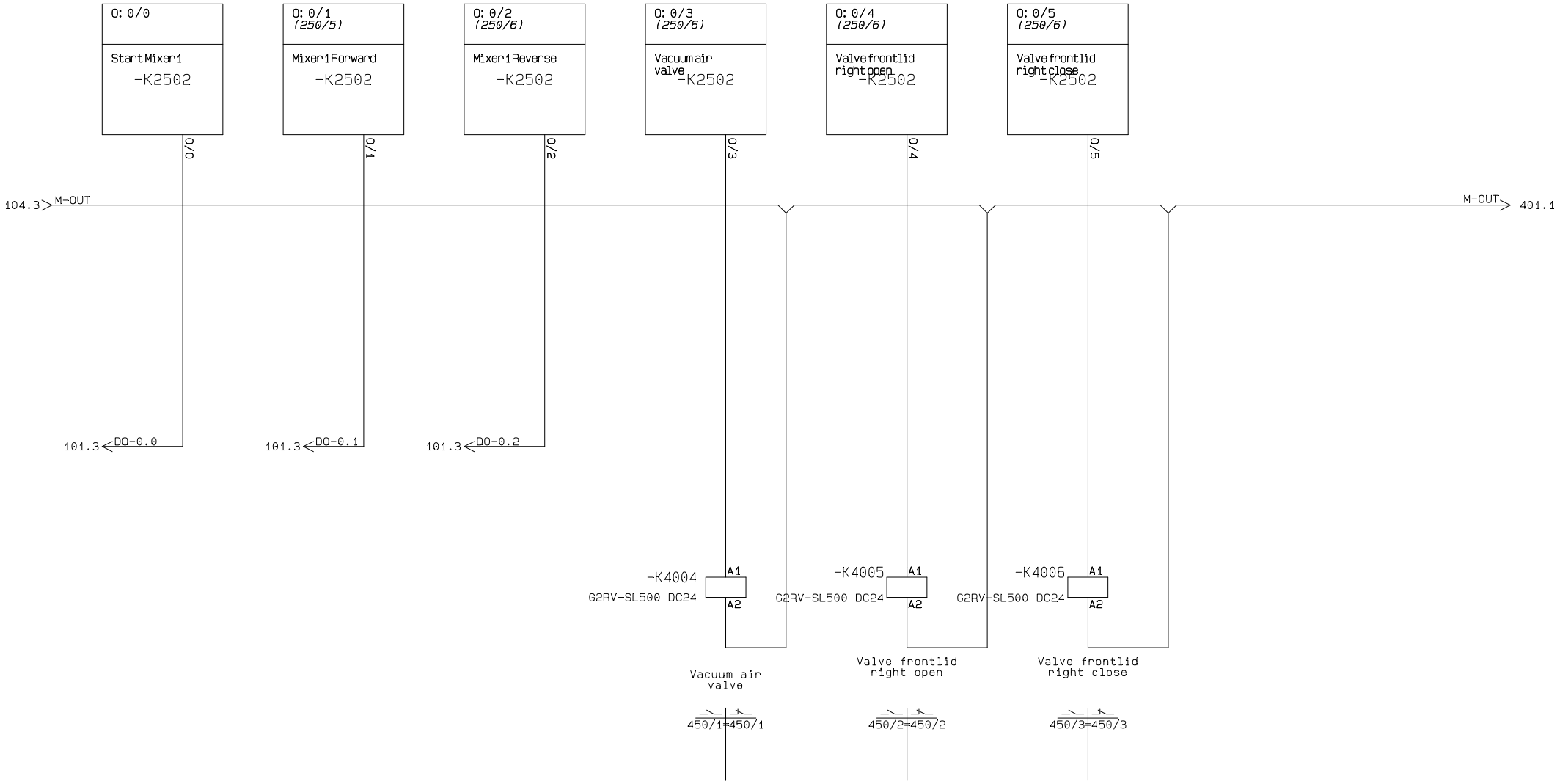
CARNITECH

Project title: CT3027.01 Mantos Mixer, Deutchland	**Funk./plac.**	**=MM1+A1**	**Page** **304**
Page title: Input	Drawing nuber	102592	
Customer: Mantos	Constr. (project/page)	Erik Andersen /	Next page 305
File name: CT3027.01_VacuumMixer - Mantos (aflevering)	Approved (init/date):	/	Number of pages 70
Project number:ON26864000660	Last edited	05-12-2011	**Project rev.:**

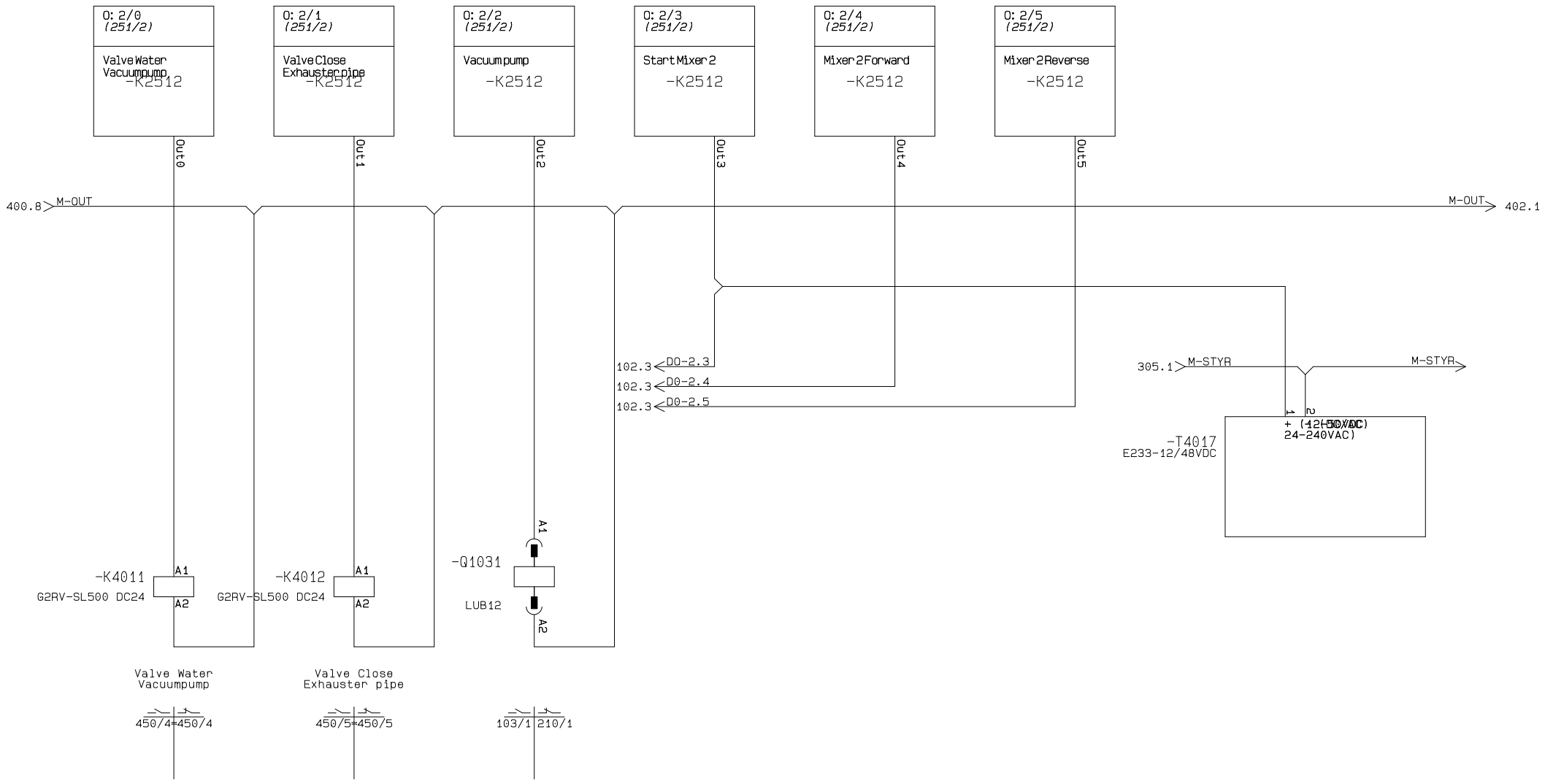


CARNITECH	**Project title: CT3027.01 Mantos Mixer, Deutchland**	**Funk./plac.** =MM1+A2	**Page** 305
	Page title: Input	Drawing nuber 102592	
	Customer: Mantos	Constr. (project/page): Erik Andersen /	Next page Output
	File name: CT3027.01_VacuumMixer - Mantos (aflevering)	Approved (init/date): /	Number of pages 70
	Project number:ON26864000660	Last edited 01-09-2011	**Project rev.:**

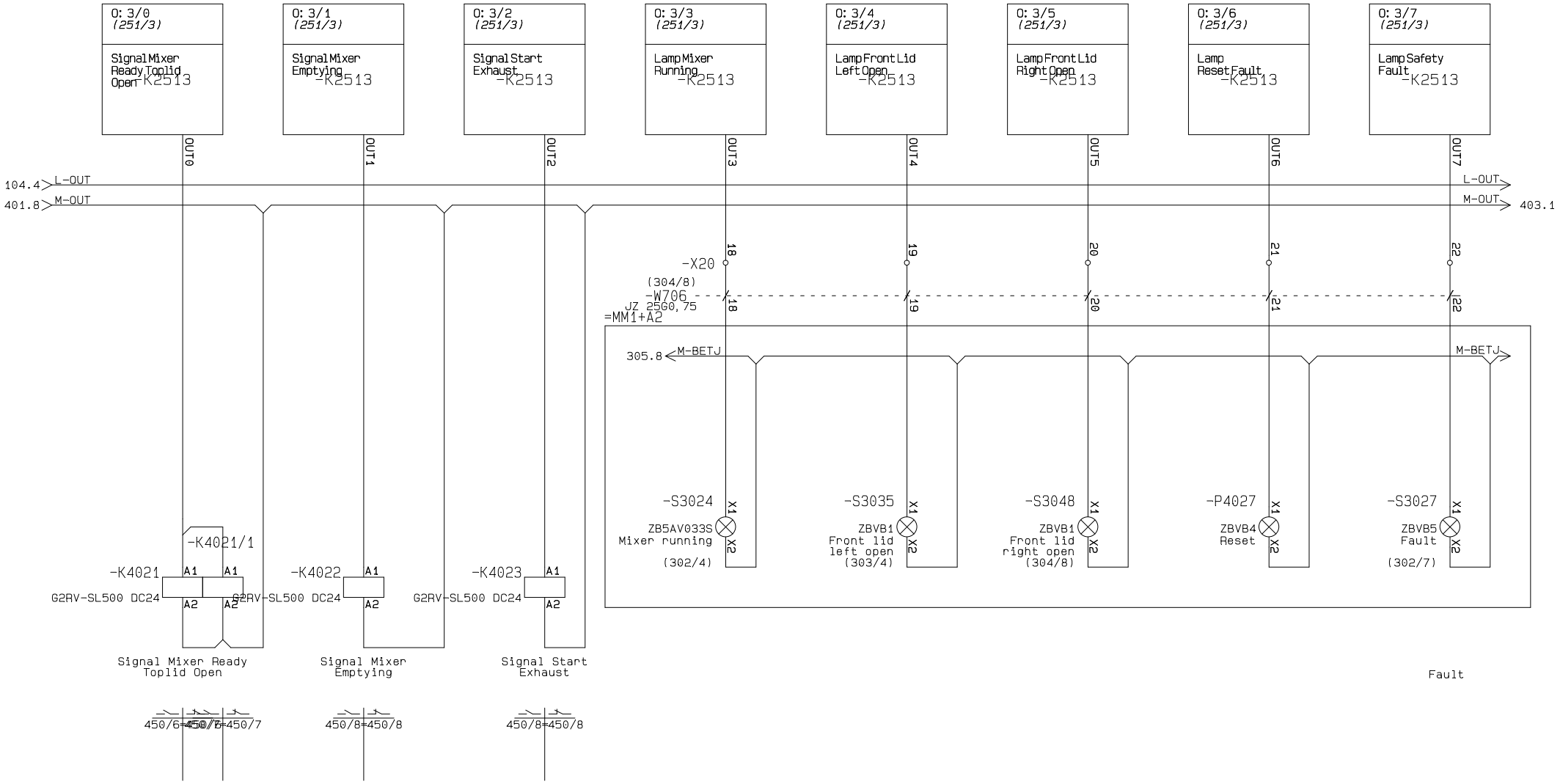
Output



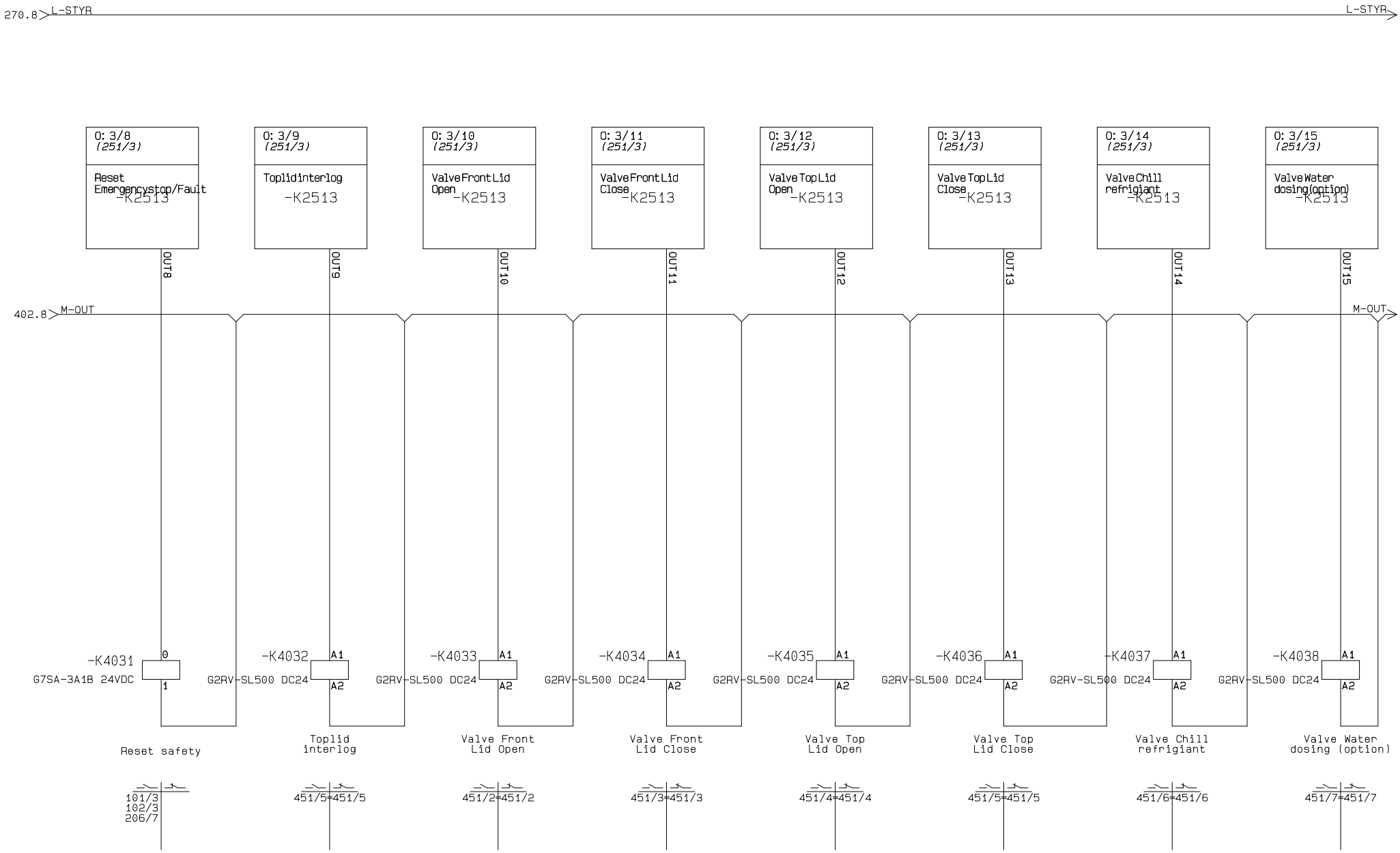
CARNITECH	**Project title: CT3027.01 Mantos Mixer, Deutchland**	**Funk./plac.** =MM1+A1	**Page** 400
	Page title: Output	Drawing nuber 102592	
	Customer: Mantos	Constr. (project/page): Erik Andersen /	Next page 401
	File name: CT3027.01_VacuumMixer - Mantos (aflevering)	Approved (init/date): /	Number of pages 70
	Project number:ON26864000660	Last edited 23-08-2011	**Project rev.:**



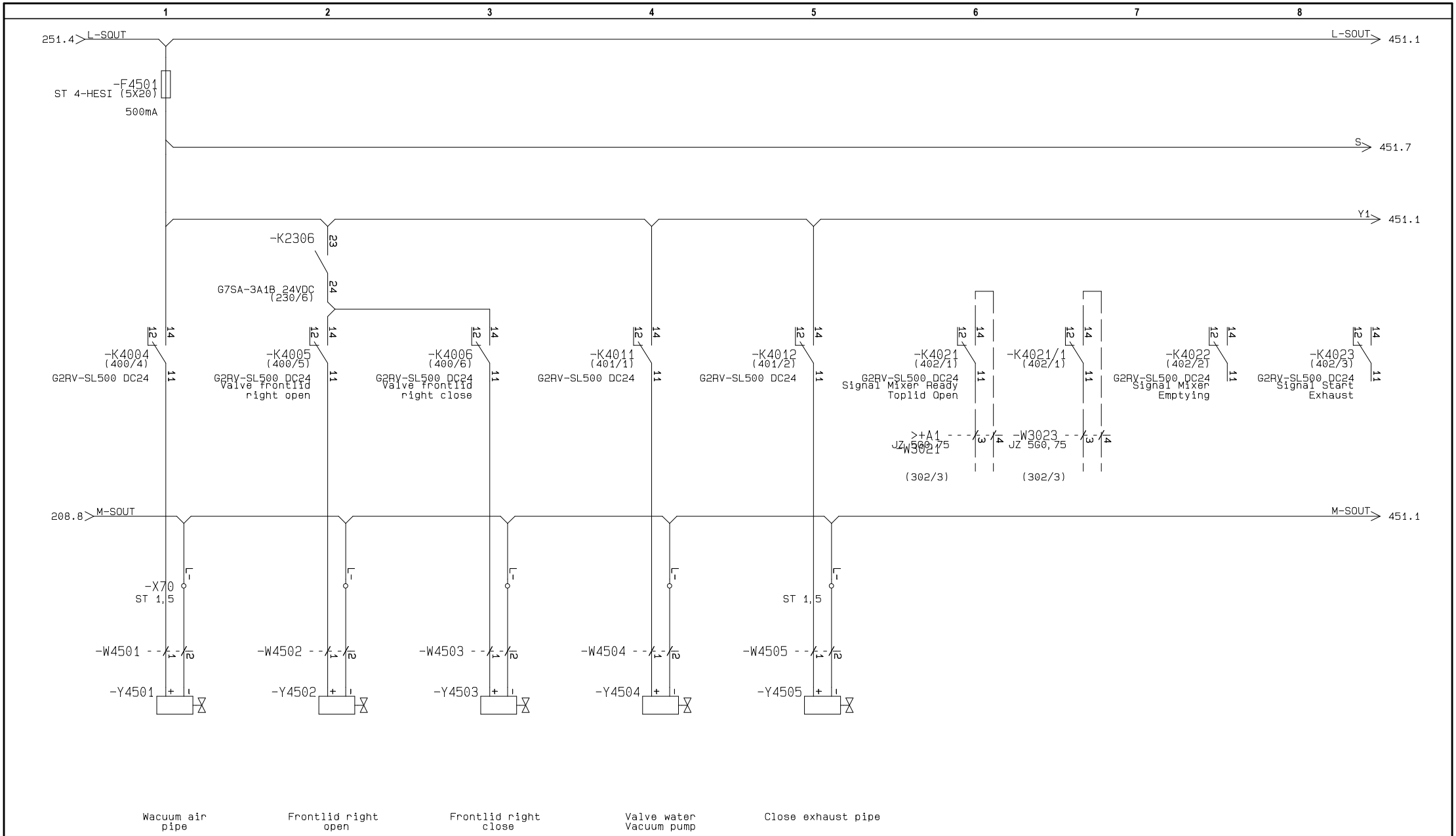
CARNITECH	**Project title: CT3027.01 Mantos Mixer, Deutchland**	**Funk./plac.** =MM1+A1	**Page** 401
	Page title: Output	Drawing nuber 102592	
	Customer: Mantos	Constr. (project/page): Erik Andersen /	Next page 402
	File name: CT3027.01_VacuumMixer - Mantos (aflevering)	Approved (init/date): /	Number of pages 70
	Project number:ON26864000660	Last edited 05-10-2011	**Project rev.:**



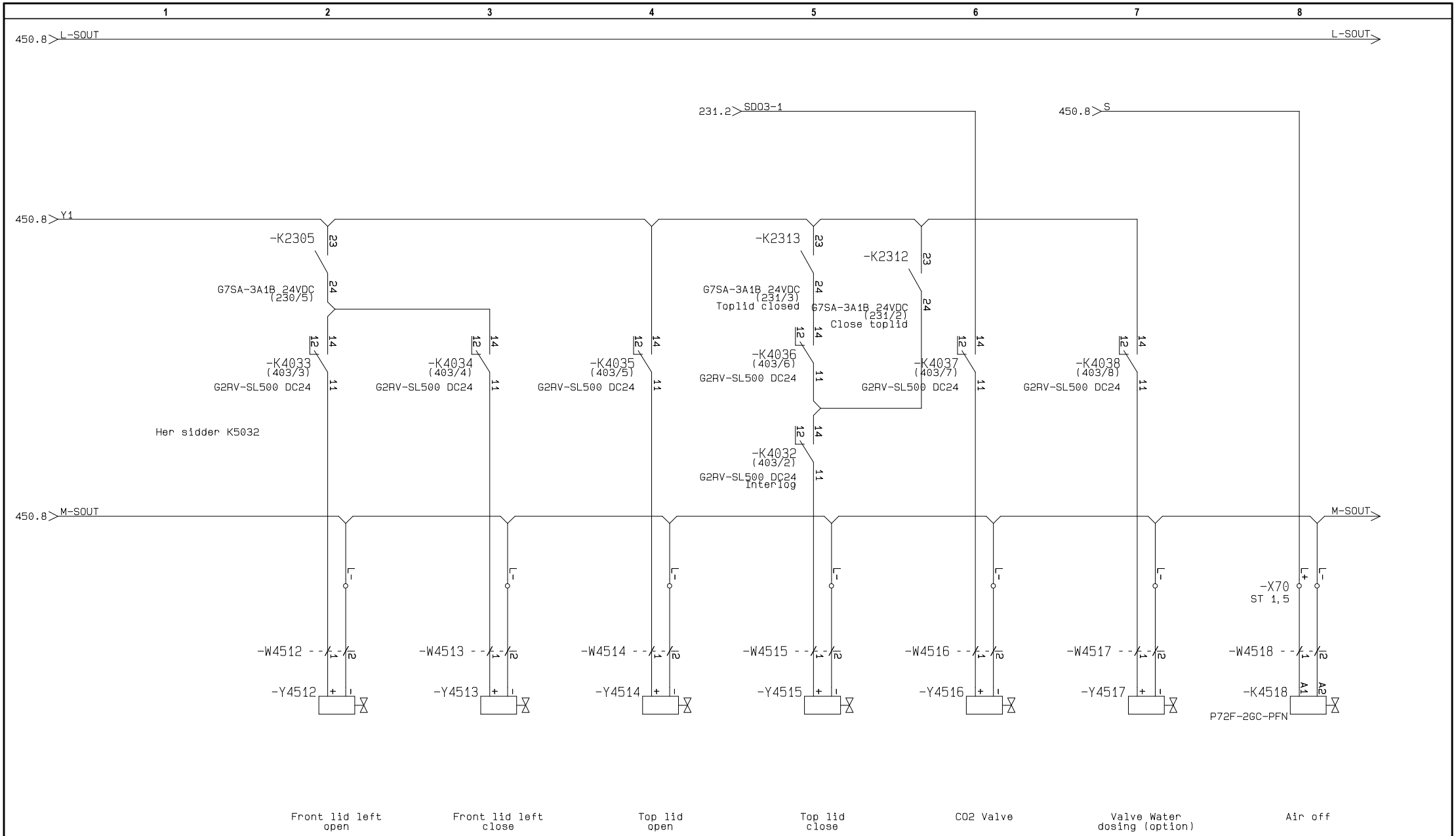
CARNITECH	**Project title: CT3027.01 Mantos Mixer, Deutchland**	**Funk./plac.** =MM1+A1	**Page** 402
	Page title: Output	Drawing nuber 102592	
	Customer: Mantos	Constr. (project/page): Erik Andersen /	Next page 403
	File name: CT3027.01_VacuumMixer - Mantos (aflevering)	Approved (init/date): /	Number of pages 70
	Project number:ON26864000660	Last edited 16-09-2011	**Project rev.:**



CARNITECH	**Project title: CT3027.01 Mantos Mixer, Deutchland**	**Funk./plac.** =MM1+A1	**Page** 403
	Page title: Output	Drawing nuber 102592	
	Customer: Mantos	Constr. (project/page) Erik Andersen /	Next page 450
	File name: CT3027.01_VacuumMixer - Mantos (aflevering)	Approved (init/date): /	Number of pages 70
	Project number:ON26864000660	Last edited 16-09-2011	**Project rev.:**

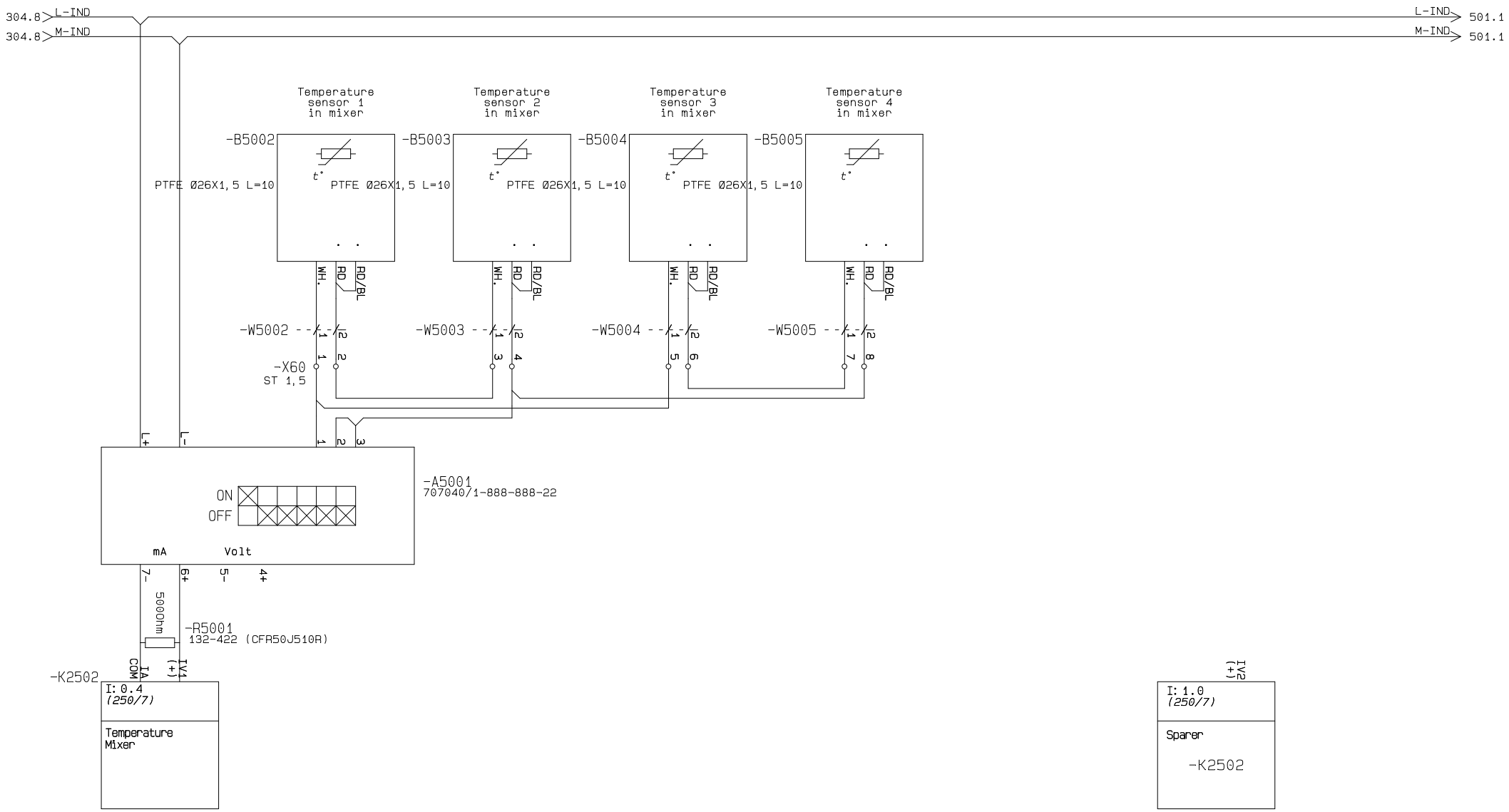


CARNITECH	**Project title: CT3027.01 Mantos Mixer, Deutchland**	**Funk./plac.** =MM1+A1	**Page** 450
	Page title: Valves	Drawing nuber 102592	
	Customer: Mantos	Constr. (project/page) Erik Andersen /	Next page 451
	File name: CT3027.01_VacuumMixer - Mantos (aflevering)	Approved (init/date): /	Number of pages 70
	Project number:ON26864000660	Last edited 05-10-2011	**Project rev.:**

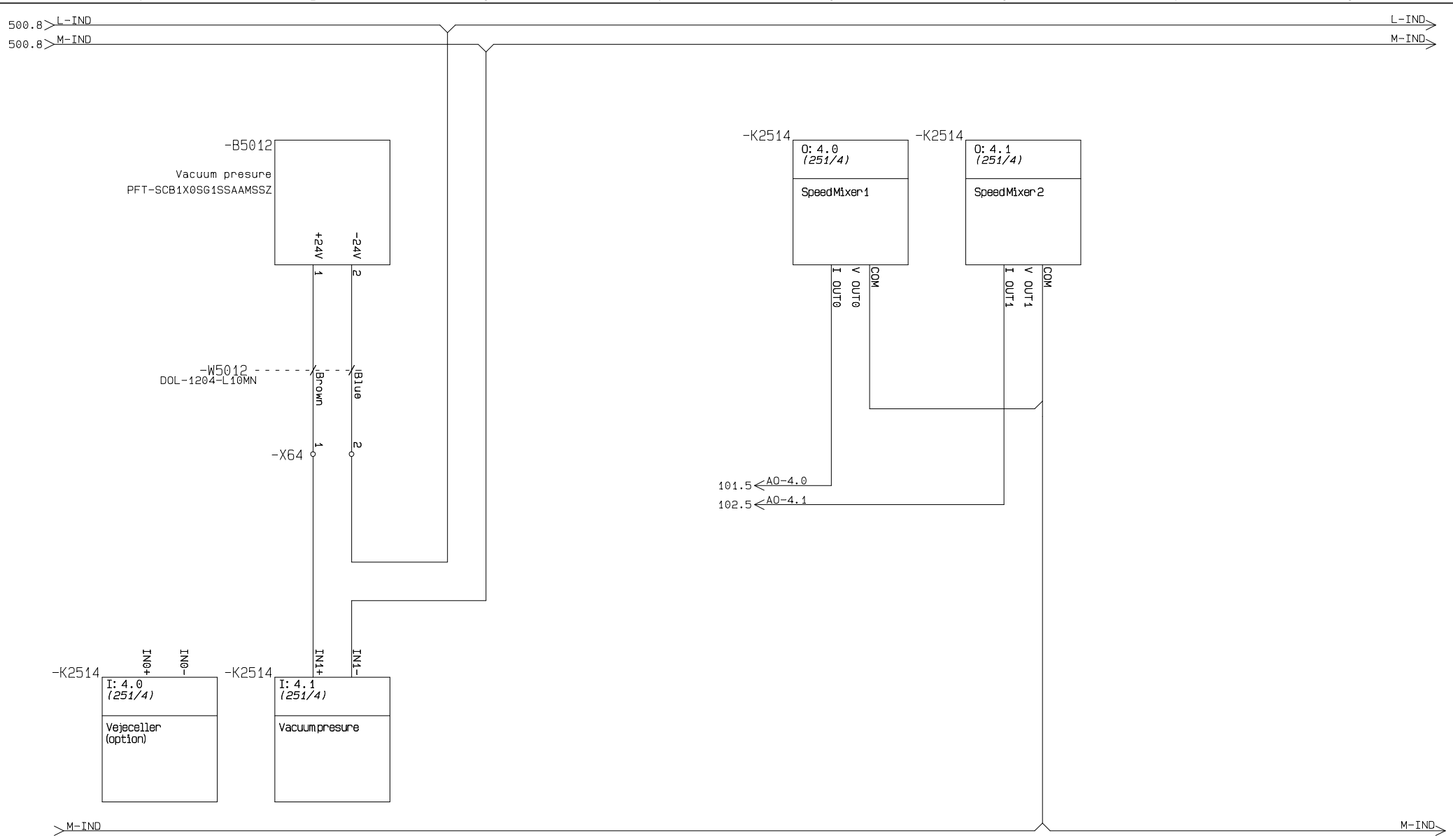


CARNITECH	**Project title: CT3027.01 Mantos Mixer, Deutchland**	**Funk./plac.** =MM1+A1	**Page** 451
	Page title: Valves	Drawing nuber 102592	
	Customer: Mantos	Constr. (project/page) Erik Andersen /	Next page Analogue input
	File name: CT3027.01_VacuumMixer - Mantos (aflevering)	Approved (init/date): /	Number of pages 70
	Project number:ON26864000660	Last edited 05-10-2011	**Project rev.:**

Analogue input

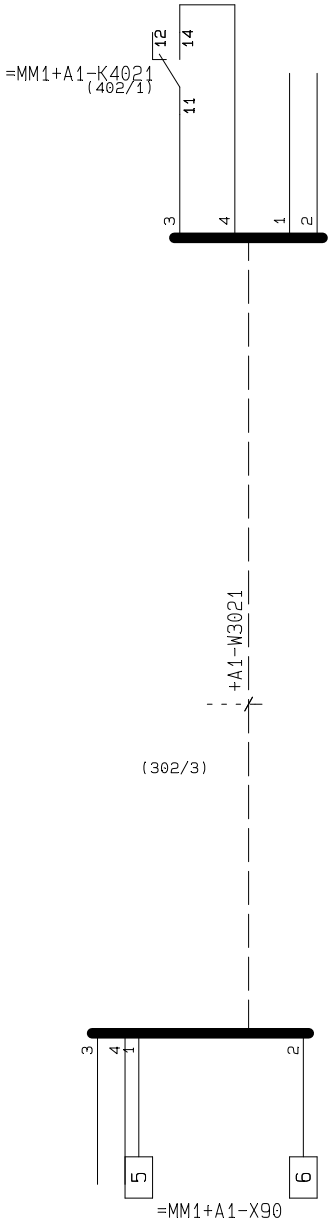


CARNITECH	**Project title: CT3027.01 Mantos Mixer, Deutchland**	**Funk./plac.** =MM1+A1	**Page** 500
	Page title: Temprature	Drawing nuber 102592	
	Customer: Mantos	Constr. (project/page) Erik Andersen /	Next page 501
	File name: CT3027.01_VacuumMixer - Mantos (aflevering)	Approved (init/date): /	Number of pages 70
	Project number:ON26864000660	Last edited 16-09-2011	**Project rev.:**



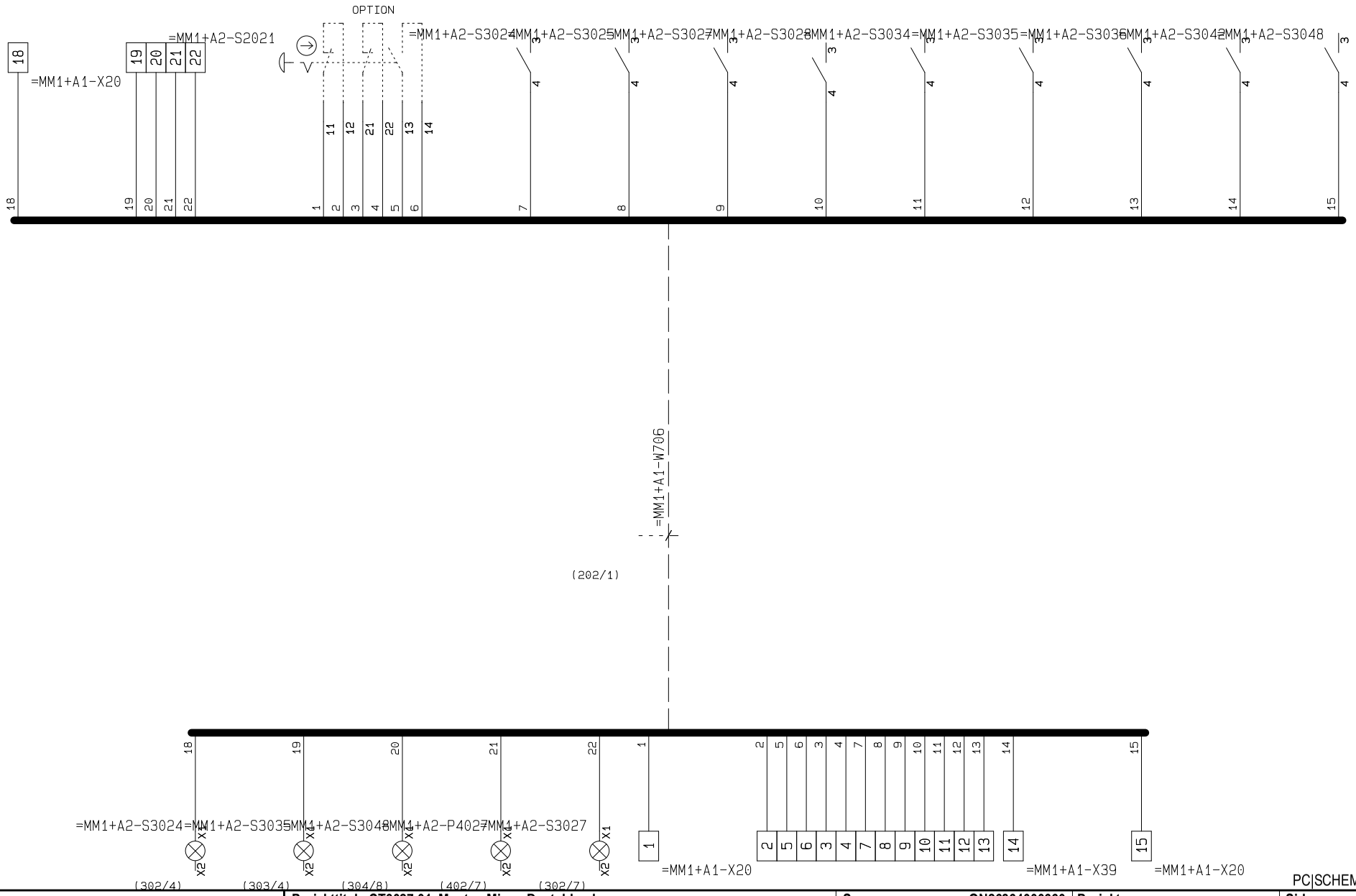
CARNITECH	**Project title: CT3027.01 Mantos Mixer, Deutchland**	**Funk./plac.** =MM1+A1	**Page** 501
	Page title: Analogue in/out	Drawing nuber 102592	
	Customer: Mantos	Constr. (project/page) Erik Andersen /	Next page kabelplan
	File name: CT3027.01_VacuumMixer - Mantos (aflevering)	Approved (init/date): /	Number of pages 70
	Project number:ON26864000660	Last edited 16-09-2011	**Project rev.:**

kabelplan



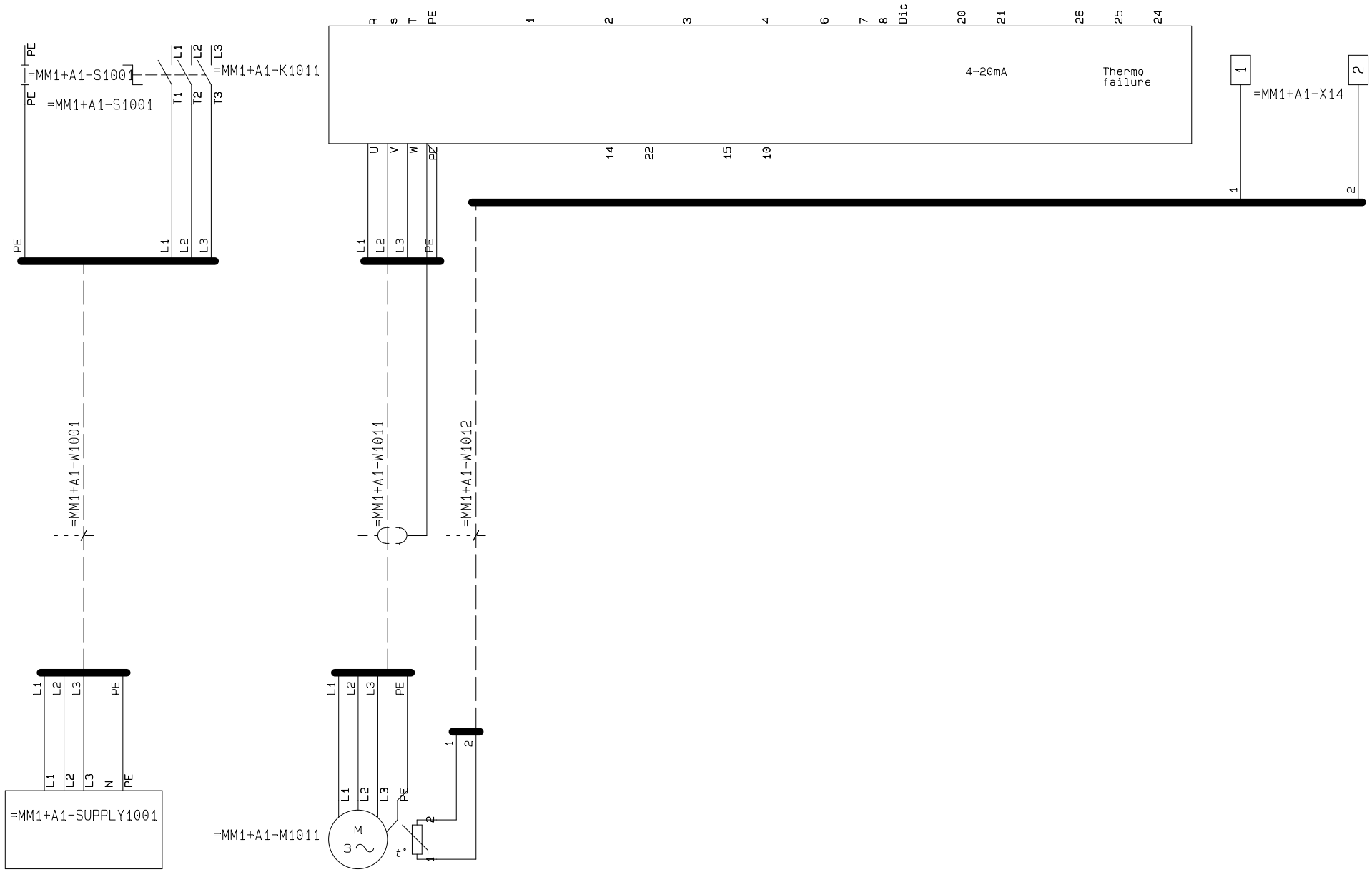
PC|SCHEMATIC Automation

CARNITECH	**Projekttitel: CT3027.01 Mantos Mixer, Deutchland**	**Sags nr.: ON26864000660**	**Projekt rev.:**	**Side 600**
	Kunde: Mantos			
	Objekttitel: +A1-W3021	Tegnings nr.:	Side rev.:	Forrige side: kabelplan
	Filnavn: CT3027.01_VacuumMixer - Mantos (aflevering)	Konstr. (projektleder): Erik Andersen /	Sidst udskrevet: 06-02-2012	Næste side: 601
	Sidereference: Beskrivelse:	Godk. (init/dato): /	Sidste rettelses tid: 05-10-2011	Antal sider ialt: 70



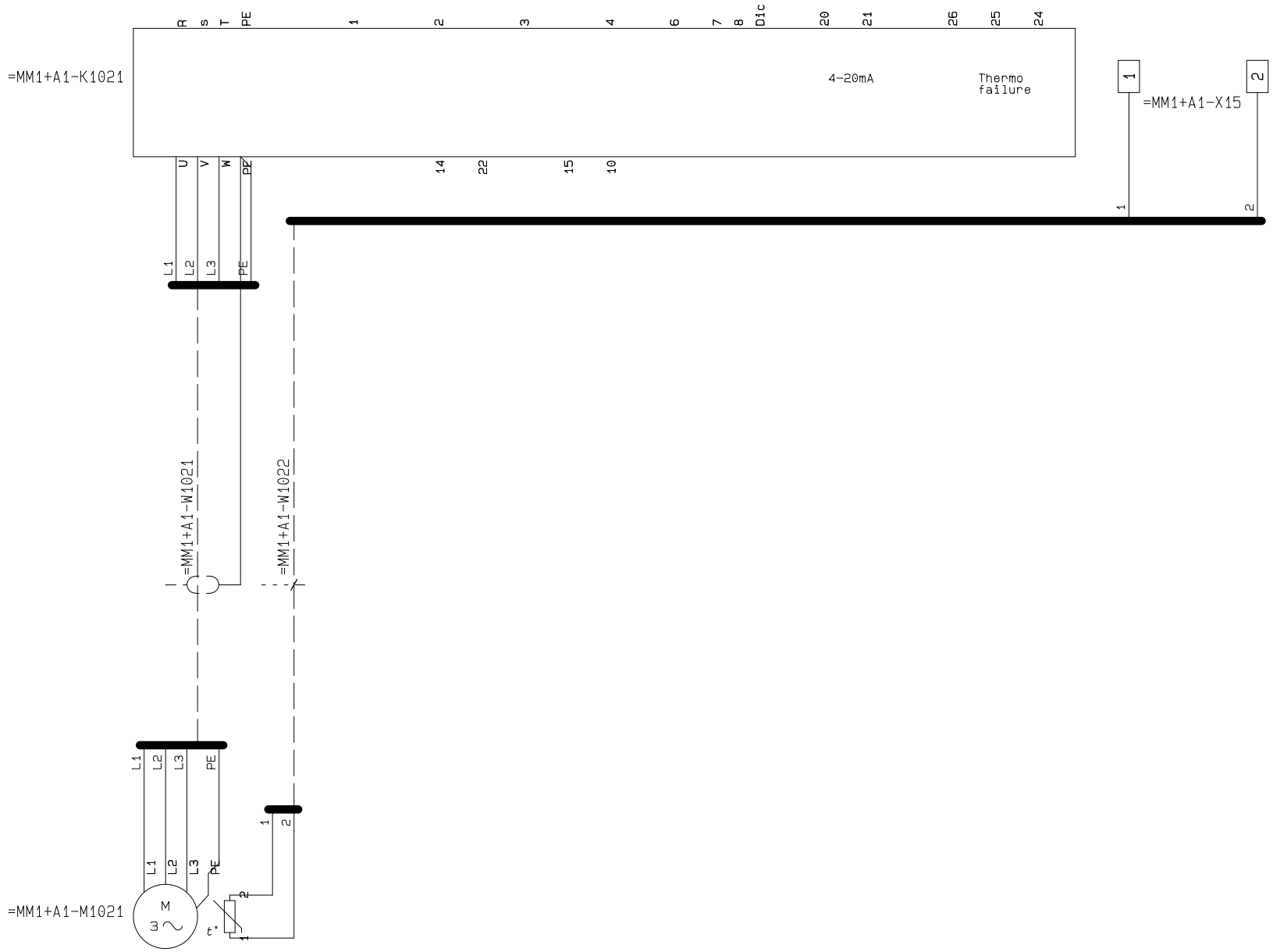
PC|SCHEMATIC Automation

CARNITECH	Projekttitel: CT3027.01 Mantos Mixer, Deutchland	Sags nr.: ON26864000660	Projekt rev.:	Side 601
	Kunde: Mantos			
	Sidetitel: =MM1+A1-W706	Tegnings nr.:	Side rev.:	Forrige side: 600
	Filnavn: CT3027.01_VacuumMixer - Mantos (aflevering)	Konstr. (projektleder): Erik Andersen /	Sidst udskrevet: 06-02-2012	Næste side: 602
	Sidereference: Beskrivelse:	Godk. (init/dato): /	Sidste rettelses tid: 05-10-2011	Antal sider ialt: 70



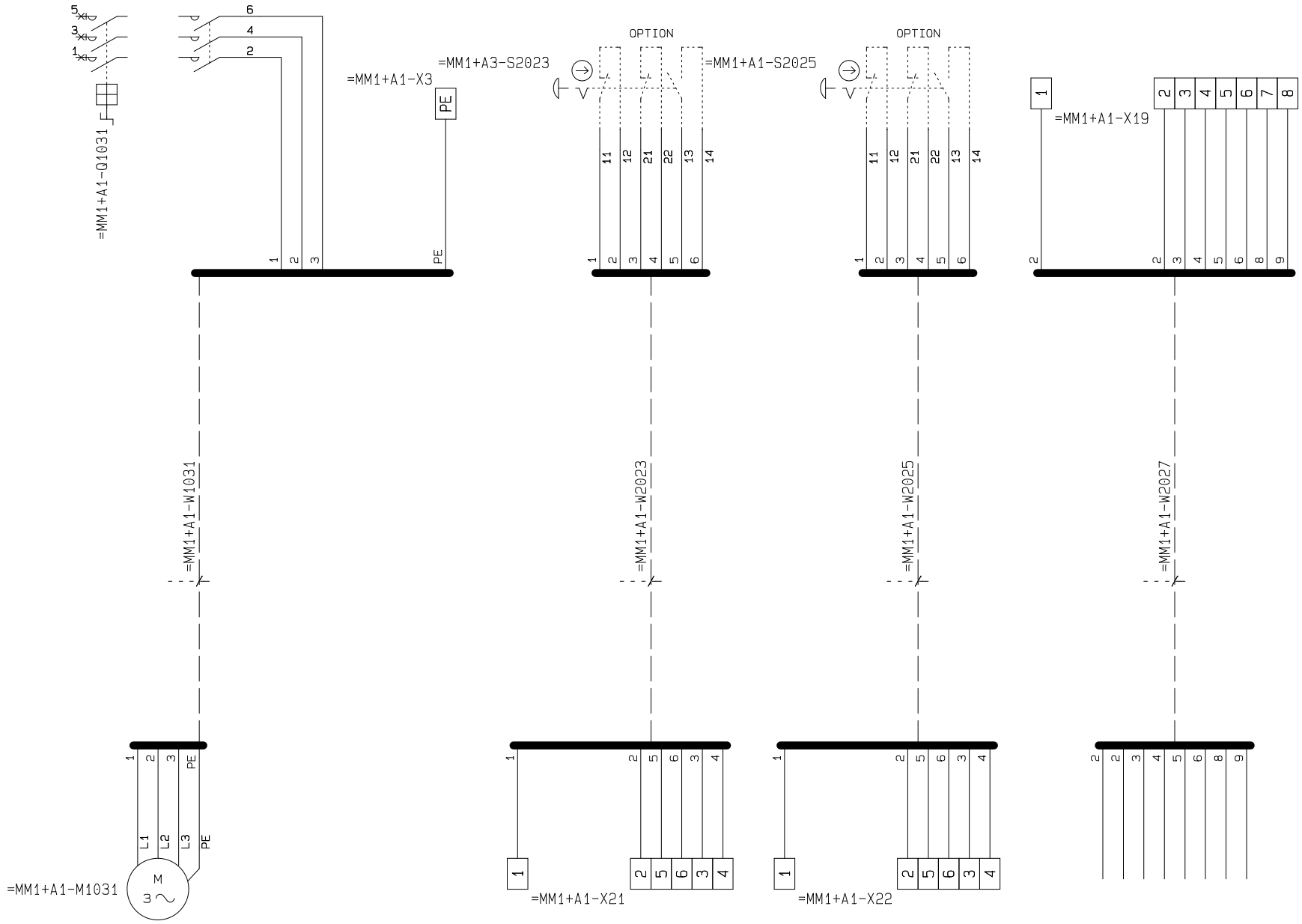
PC|SCHEMATIC Automation

CARNITECH	**Projekttitel: CT3027.01 Mantos Mixer, Deutchland**	**Sags nr.: ON26864000660**	**Projekt rev.:**	**Side 602**
	Kunde: Mantos			
	Sidetitel: =MM1+A1-W1001	Tegnings nr.:	Side rev.:	Forrige side: 601
	Filnavn: CT3027.01_VacuumMixer - Mantos (aflevering)	Konstr. (projektleder): Erik Andersen /	Sidst udskrevet: 06-02-2012	Næste side: 603
	Sidereference: Beskrivelse:	Godk. (init/dato): /	Sidste rettelses tid: 05-10-2011	Antal sider ialt: 70



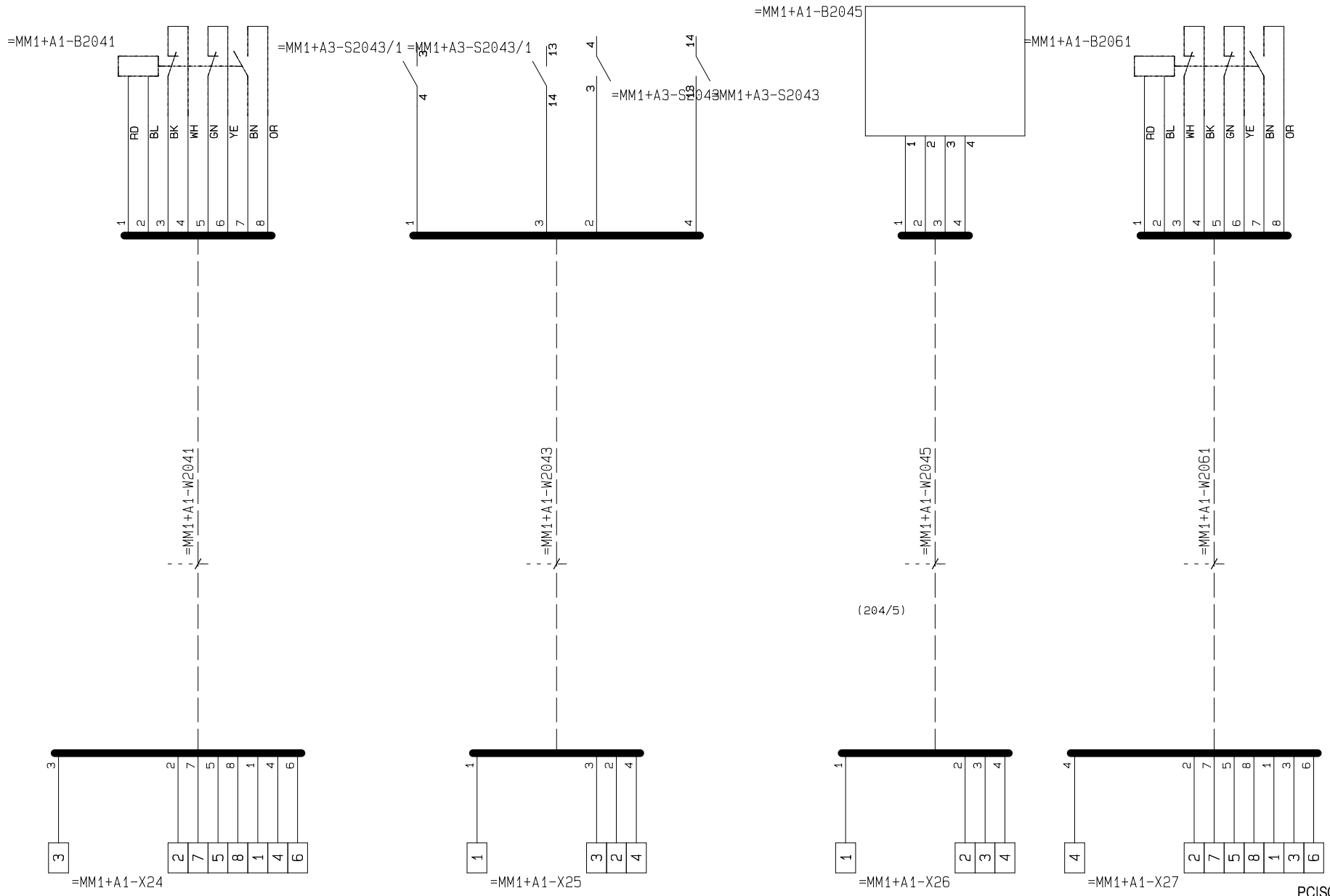
PC|SCHEMATIC Automation

CARNITECH	**Projekttitel: CT3027.01 Mantos Mixer, Deutchland**	**Sags nr.: ON26864000660**	**Projekt rev.:**	**Side 603**
	Kunde: Mantos			
	Titel: =MM1+A1-W1021	Tegnings nr.:	Side rev.:	Forrige side: 602
	Filnavn: CT3027.01_VacuumMixer - Mantos (aflevering)	Konstr. (projektleder): Erik Andersen /	Sidst udskrevet: 06-02-2012	Næste side: 604
	Sidereference: Beskrivelse:	Godk. (init/dato): /	Sidste rettelses tid: 05-10-2011	Antal sider ialt: 70



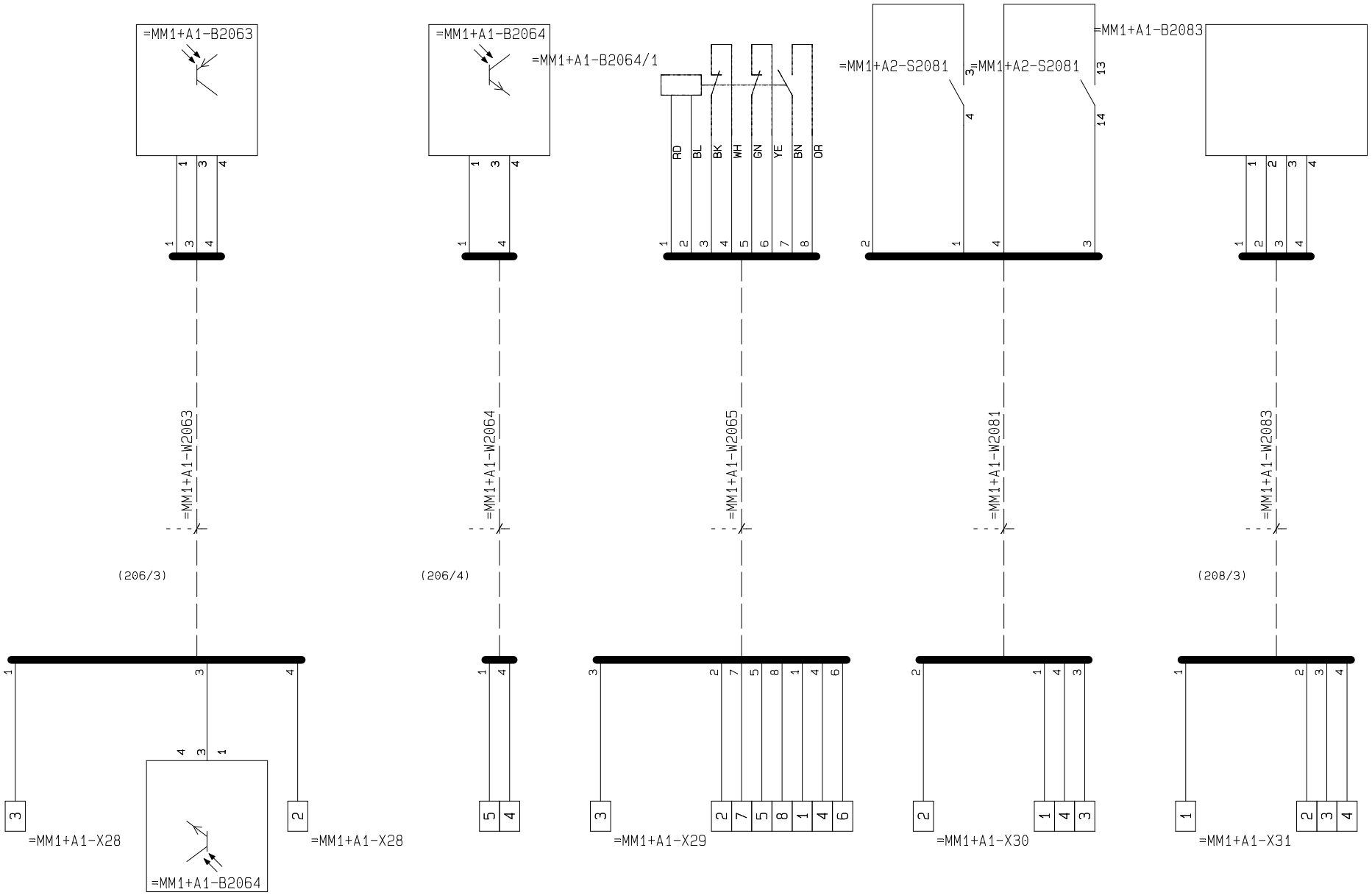
PC|SCHEMATIC Automation

CARNITECH	**Projekttitel: CT3027.01 Mantos Mixer, Deutchland**	**Sags nr.: ON26864000660**	**Projekt rev.:**	**Side 604**
	Kunde: Mantos			
	Sidetitel: =MM1+A1-W1031	Tegnings nr.:	Side rev.:	Forrige side: 603
	Filnavn: CT3027.01_VacuumMixer - Mantos (aflevering)	Konstr. (projektleder): Esben Andersen /	Sidst udskrevet: 06-02-2012	Næste side: 605
	Sidereference: Beskrivelse:	Godk. (init/dato): /	Sidste rettelses tid: 05-10-2011	Antal sider ialt: 70



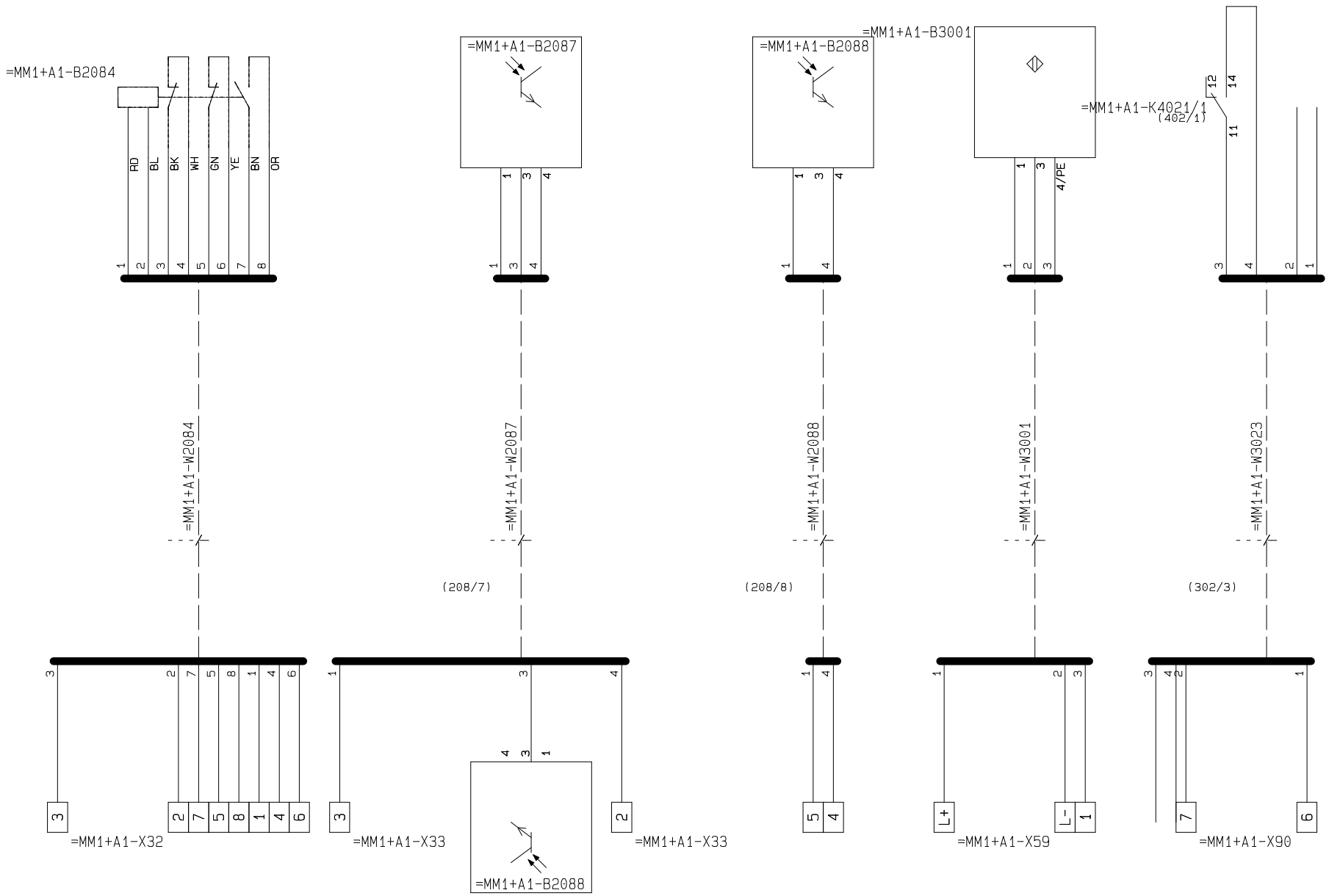
PC|SCHEMATIC Automation

CARNITECH	**Projekttitel: CT3027.01 Mantos Mixer, Deutchland**	**Sags nr.: ON26864000660**	**Projekt rev.:**	**Side 605**
	Kunde: Mantos			
	Titel: =MM1+A1-W2041	Tegnings nr.:	Side rev.:	Forrige side: 604
	Filnavn: CT3027.01_VacuumMixer - Mantos (aflevering)	Konstr. (projektleder): Erik Andersen /	Sidst udskrevet: 06-02-2012	Næste side: 606
	Sidereference: Beskrivelse:	Godk. (init/dato): /	Sidste rettelses tid: 05-10-2011	Antal sider ialt: 70



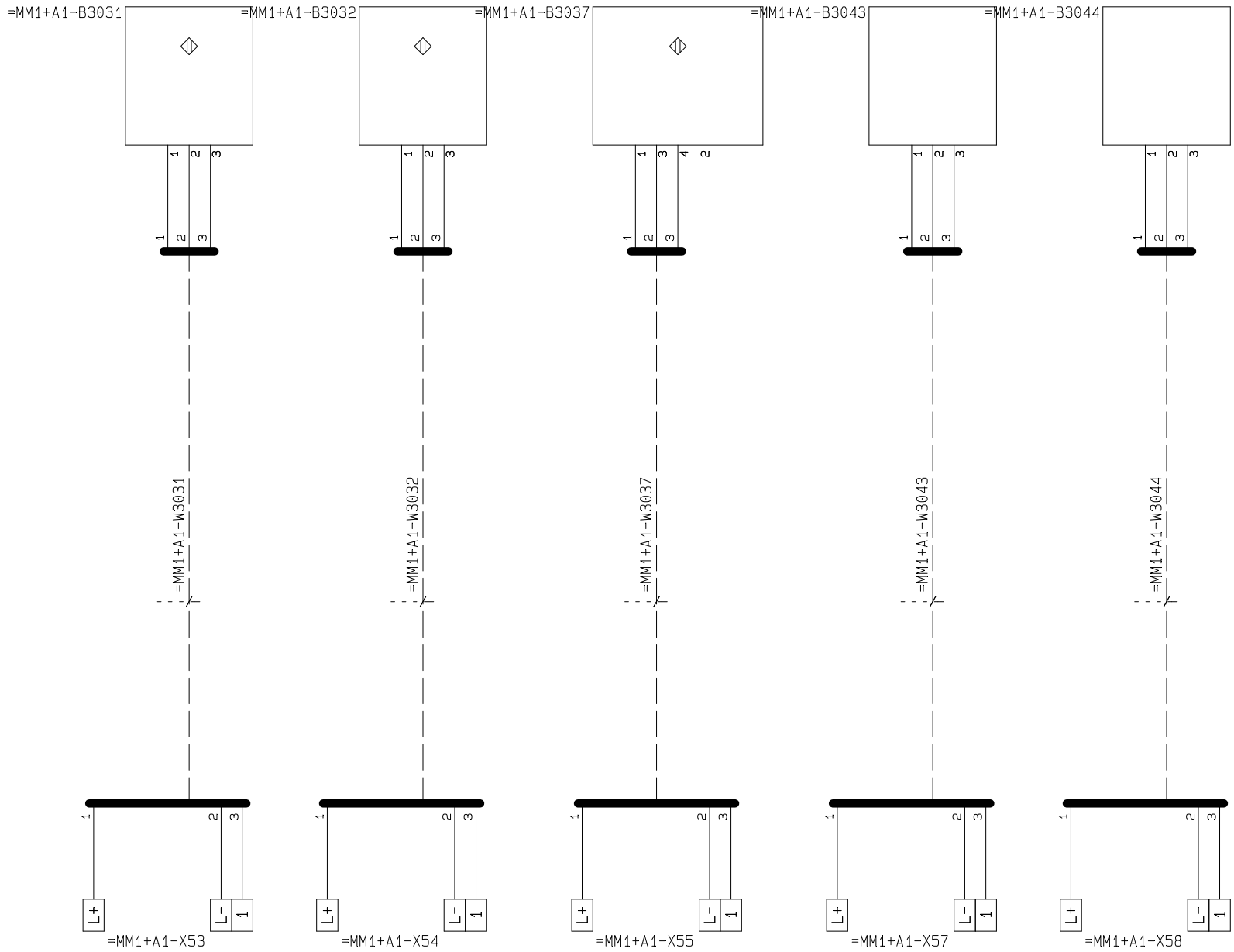
PC|SCHEMATIC Automation

CARNITECH	**Projekttitel: CT3027.01 Mantos Mixer, Deutchland**	**Sags nr.: ON26864000660**	**Projekt rev.:**	**Side 606**
	Kunde: Mantos			
	Titel: =MM1+A1-W2063	Tegnings nr.:	Side rev.:	Forrige side: 605
	Filnavn: CT3027.01_VacuumMixer - Mantos (aflevering)	Konstr. (projektleder): Erik Andersen /	Sidst udskrevet: 06-02-2012	Næste side: 607
	Sidereference: Beskrivelse:	Godk. (init/dato): /	Sidste rettelses tid: 05-10-2011	Antal sider ialt: 70



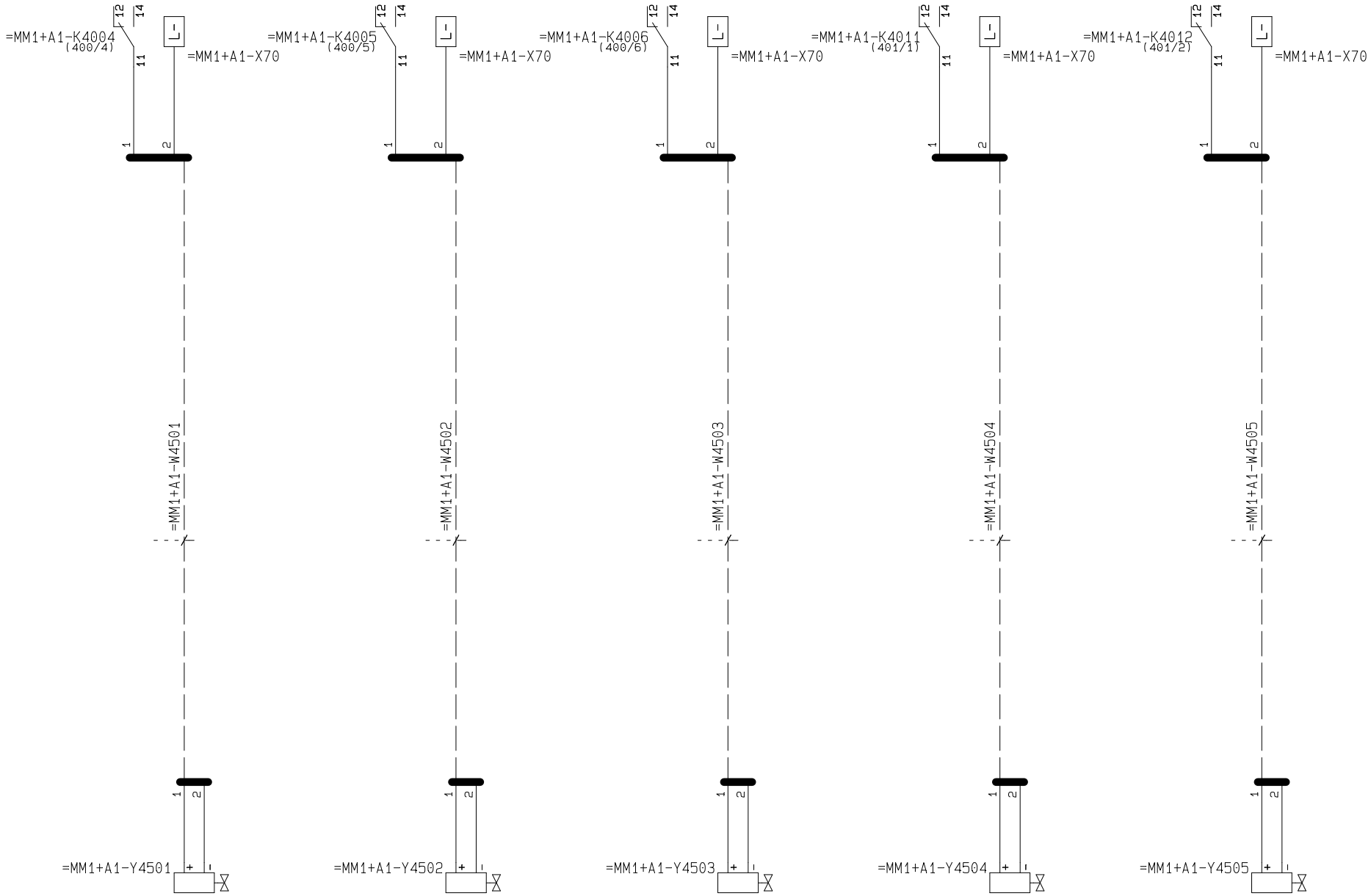
PC|SCHEMATIC Automation

CARNITECH	Projekttitel: CT3027.01 Mantos Mixer, Deutchland	Sags nr.: ON26864000660	Projekt rev.:	Side 607
	Kunde: Mantos			
	Sidetitel: =MM1+A1-W2084	Tegnings nr.:	Side rev.:	Forrige side: 606
	Filnavn: CT3027.01_VacuumMixer - Mantos (aflevering)	Konstr. (projektleder): Erik Andersen /	Sidst udskrevet: 06-02-2012	Næste side: 608
	Sidereference: Beskrivelse:	Godk. (init/dato): /	Sidste rettelses tid: 05-10-2011	Antal sider ialt: 70



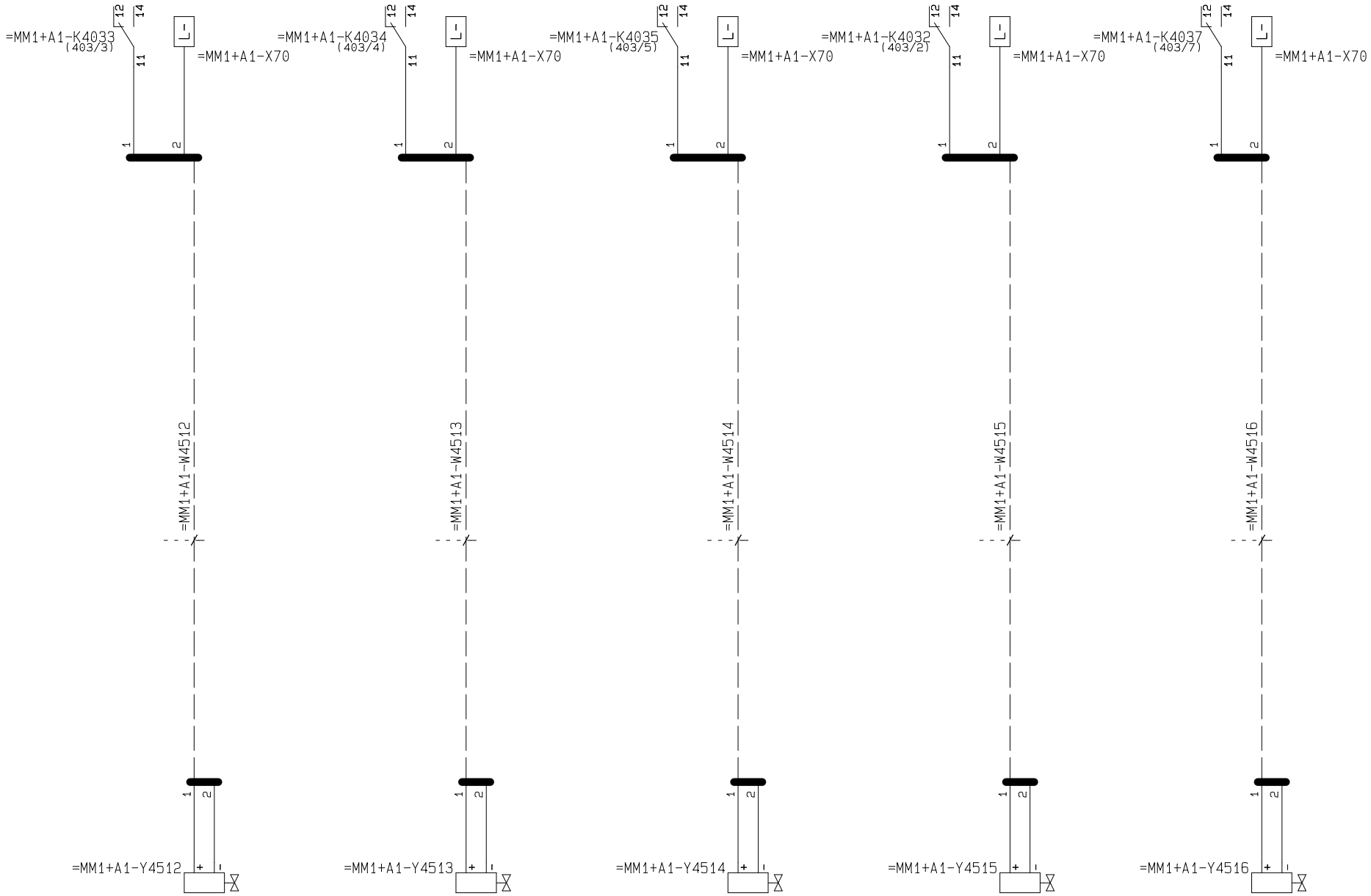
PC|SCHEMATIC Automation

CARNITECH	**Projekttitel: CT3027.01 Mantos Mixer, Deutchland**	**Sags nr.: ON26864000660**	**Projekt rev.:**	**Side 608**
	Kunde: Mantos			
	Titel: =MM1+A1-W3031	Tegnings nr.:	Side rev.:	Forrige side: 607
	Filnavn: CT3027.01_VacuumMixer - Mantos (aflevering)	Konstr. (projektleder): Erik Andersen /	Sidst udskrevet: 06-02-2012	Næste side: 609
	Sidereference: Beskrivelse:	Godk. (init/dato): /	Sidste rettelses tid: 05-10-2011	Antal sider ialt: 70



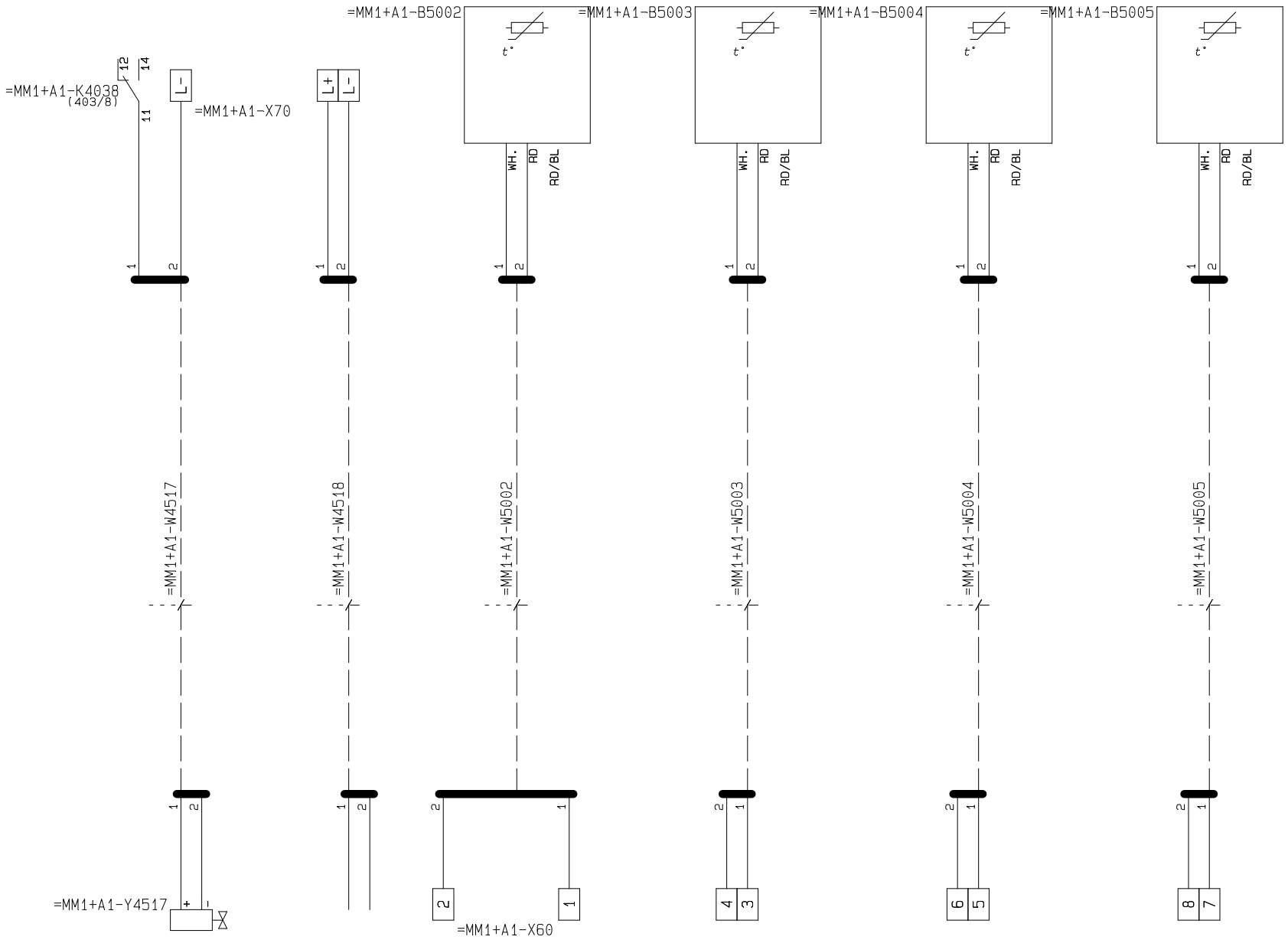
PC|SCHEMATIC Automation

CARNITECH	**Projekttitel: CT3027.01 Mantos Mixer, Deutchland**	**Sags nr.: ON26864000660**	**Projekt rev.:**	**Side 609**
	Kunde: Mantos			
	Titel: =MM1+A1-W4501	Tegnings nr.:	Side rev.:	Forrige side: 608
	Filnavn: CT3027.01_VacuumMixer - Mantos (aflevering)	Konstr. (projektleder): Erik Andersen /	Sidst udskrevet: 06-02-2012	Næste side: 610
	Sidereference: Beskrivelse:	Godk. (init/dato): /	Sidste rettelses tid: 05-10-2011	Antal sider ialt: 70



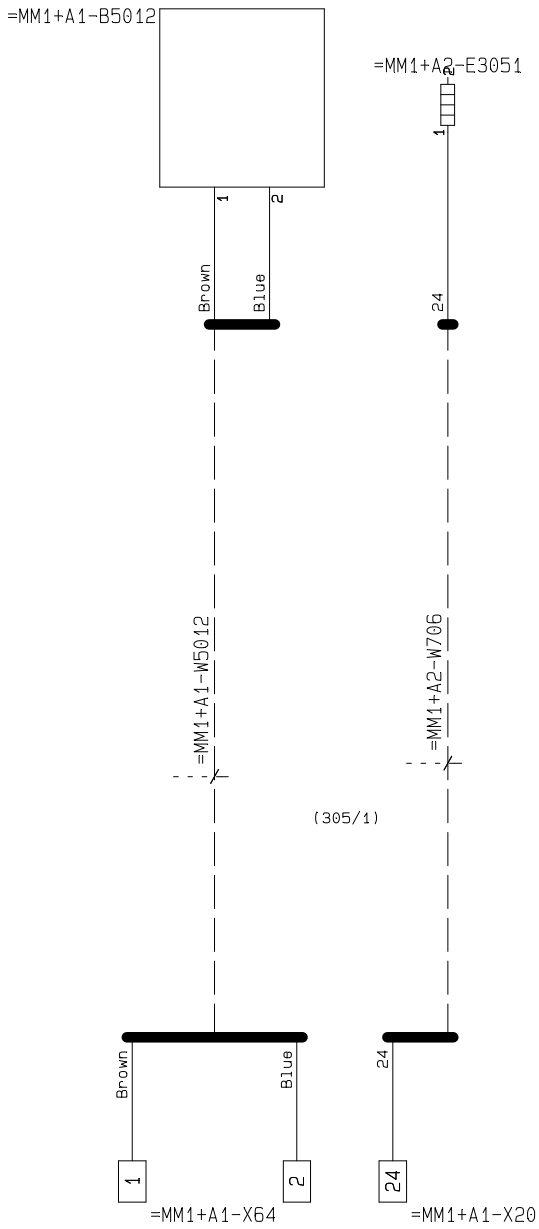
PC|SCHEMATIC Automation

CARNITECH	**Projekttitel: CT3027.01 Mantos Mixer, Deutchland**	**Sags nr.: ON26864000660**	**Projekt rev.:**	**Side 610**
	Kunde: Mantos			
	Sidetitel: =MM1+A1-W4512	Tegnings nr.:	Side rev.:	Forrige side: 609
	Filnavn: CT3027.01_VacuumMixer - Mantos (aflevering)	Konstr. (projektleder): Erik Andersen /	Sidst udskrevet: 06-02-2012	Næste side: 611
	Sidereference: Beskrivelse:	Godk. (init/dato): /	Sidste rettelses tid: 05-10-2011	Antal sider ialt: 70



PC|SCHEMATIC Automation

CARNITECH	**Projekttitel: CT3027.01 Mantos Mixer, Deutchland**	**Sags nr.: ON26864000660**	**Projekt rev.:**	**Side 611**
	Kunde: Mantos			
	Sidetitel: =MM1+A1-W4517	Tegnings nr.:	Side rev.:	Forrige side: 610
	Filnavn: CT3027.01_VacuumMixer - Mantos (aflevering)	Konstr. (projektleder): Erik Andersen /	Sidst udskrevet: 06-02-2012	Næste side: 612
	Sidereference: Beskrivelse:	Godk. (init/dato): /	Sidste rettelses tid: 05-10-2011	Antal sider ialt: 70



PC|SCHEMATIC Automation

CARNITECH	**Projekttitel: CT3027.01 Mantos Mixer, Deutchland**	**Sags nr.: ON26864000660**	**Projekt rev.:**	**Side 612**
	Kunde: Mantos			
	Titel: =MM1+A1-W5012	Tegnings nr.:	Side rev.:	Forrige side: 611
	Filnavn: CT3027.01_VacuumMixer - Mantos (aflevering)	Konstr. (projektleder): Erik Andersen /	Sidst udskrevet: 06-02-2012	Næste side: Komponentliste
	Sidereference: Beskrivelse:	Godk. (init/dato): /	Sidste rettelses tid: 05-10-2011	Antal sider ialt: 70

Komponentliste

Pos.	Part	Part nr.	Type	Make	Supplier	Description	Place
1	-A50	101775	Forskruning M63x1,5 mm Kunststof			Forskruning M63x1,5 mm Kunststof	50/1
2	-A50	101732	M25 11-16mm			Forskruning M25x1,5 mm Forniklet messing med EMC	50/4
3	-A50	101741	M25 Møtrik for EMC			Møtrik M25x1,5 mm med EMC skærekant	
4	-A50	101295	M63		Miltronic	Forskruning M63x1,5 mm Forniklet messing u/EMC	50/1
5	-A50	101783	Møtrik M63x1,5 mm Kunststof			Møtrik M63x1,5 mm Kunststof	
6	-A70	100601	KDP/N 24/17	Murrplastik	EegHolm A/S	Kabelgennemføring 17 stk. 5-9,2mm huller	50/1
7	-A71	100601	KDP/N 24/17	---	---	Kabelgennemføring 17 stk. 5-9,2mm huller	50/2
8	-A72	100601	KDP/N 24/17	---	---	Kabelgennemføring 17 stk. 5-9,2mm huller	50/3
9	-A2701	60377	SFN 5TX	PHOENIX CONTACT A/S	PHOENIX CONTACT A/S	Ethernet switch 5 port 10/100mBit	270/1
10	-A5001	60368	707040/1-888-888-22	Jumo	46194666	Transmitter T04 PT100/mA-V til 4 følere	500/1
11	-B2041	60391	F3S-TGR-NMPC-21-10	Omron		Kompakt magnetisk sikkerhedsswitch 10m	204/1
12	-B2045	103179	IN30-E0407K	Sick		Induktiv sikkerheds føler, Ø12mm	204/5
13	-B2061	60391	F3S-TGR-NMPC-21-10	Omron		Kompakt magnetisk sikkerhedsswitch 10m	206/1
14	-B2063	103175	MHTB15-P3367V	SICK		Fotocelle 3-30cm tasteafstand, Ø18mm, IP69K, Light	206/3
15	-B2064	103174	MHTB15-P3267V	Sick		Fotocelle 3-30cm tasteafstand, Ø18mm, IP69K, Dark-	206/4
16	-B2064/1	60391	F3S-TGR-NMPC-21-10	Omron		Kompakt magnetisk sikkerhedsswitch 10m	206/4
17	-B2083	103179	IN30-E0407K	Sick		Induktiv sikkerheds føler, Ø12mm	208/3
18	-B2084	60391	F3S-TGR-NMPC-21-10	Omron		Kompakt magnetisk sikkerhedsswitch 10m	208/4
19	-B2087	103175	MHTB15-P3367V	SICK		Fotocelle 3-30cm tasteafstand, Ø18mm, IP69K, Light	208/7
20	-B2088	103174	MHTB15-P3267V	Sick		Fotocelle 3-30cm tasteafstand, Ø18mm, IP69K, Dark-	208/8
21	-B3001	301038	Flow:B030	Bauser-control		Flowmåler med digital udgang.	300/1
22	-B3031						303/1
23	-B3032						303/2
24	-B3037	102441	MHF15-21NG1HSM	Sick		MHF15 Optical level switch	303/7
25	-B3043						304/3
26	-B3044						304/4
27	-B5002	303055	PTFE Ø26X1,5 L=10	Jumo		PT100 føler kl. B	500/2
28	-B5003	303055	PTFE Ø26X1,5 L=10	---		PT100 føler kl. B	500/3

Pos.	Part	Part nr.	Type	Make	Supplier	Description	Place
29	-B5004	303055	PTFE Ø26X1,5 L=10	Jumo		PT100 føler kl. B	500/4
30	-B5005	303055	PTFE Ø26X1,5 L=10	---		PT100 føler kl. B	500/5
31	-B5012	102583	PFT-SCB1X0SG1SSAAMSCZ	SSC		Tryktransmitter. -1 til 0 mbar. 4-20mA, M12 4-pin	501/2
32	-F1042	100364	GB2CB14	Telemecanique	Schneider Electric A/S	Automatsikring 1P 8A, Id=108A	104/2
33	-F1046	100914	ST 4-HESI (5X20)	PHOENIX CONTACT A/S	PHOENIX CONTACT A/S	Sikringsterminal til 5x20mm sikring, 12-30V diode	104/6
34	-F2001	100530	GB2CB09	Telemecanique	Schneider Electric A/S	Automatsikring 1P 4A, Id=52A	200/1
35	-F3021						302/1
36	-F3022						302/2
37	-F3023						302/3
38	-F4501	100914	ST 4-HESI (5X20)	PHOENIX CONTACT A/S	PHOENIX CONTACT A/S	Sikringsterminal til 5x20mm sikring, 12-30V diode	450/1
39	-K1011	100018	20AC037A0AYNANC0	Rockwell Automation A/S	70110109	PF 70 AC Frekvensomf. 400 VAC, 3 PH, 37A	101/1
40	-K1016	100007	20A-DG01	---	---	PF 70 Frekvensomformer Safe-Off Interface	101/6
41	-K1021	100018	20AC037A0AYNANC0	---	---	PF 70 AC Frekvensomf. 400 VAC, 3 PH, 37A	102/1
42	-K1026	100007	20A-DG01	---	---	PF 70 Frekvensomformer Safe-Off Interface	102/6
43	-K1047	101901	NSYCCOTHO	Schneider Electric A/S		Thermostat til DIN montering 0-60°C	104/7
44	-K1048	100490	G2RV-SL500 DC24	Omron		Relay & socket, 6A contacts, push in terminals, 24	104/8
45	-K2291	60354	140M-C-AFA11	Rockwell Automation A/S	70110109	Meldekontakt 1NO + 1NC (til 140M*)	210/1
46	-K2291	100199	LC1D32BD	Telemecanique	Schneider Electric A/S	Kontaktor 32A 3P+1NO+1NC, Uc 24V DC	229/1
47	-K2301	100195	G7SA-3A1B 24VDC	Omron		Smal Sikkerhedsrelæ efter EN50205 4-polet	230/1
48	-K2301	100193	P7SA-10F-ND 24VDC	---		Sokkel til sikkerhedsrelæ 4-polet	
49	-K2302	100195	G7SA-3A1B 24VDC	---		Smal Sikkerhedsrelæ efter EN50205 4-polet	230/2
50	-K2302	100193	P7SA-10F-ND 24VDC	---		Sokkel til sikkerhedsrelæ 4-polet	
51	-K2303	100195	G7SA-3A1B 24VDC	---		Smal Sikkerhedsrelæ efter EN50205 4-polet	230/3
52	-K2303	100193	P7SA-10F-ND 24VDC	---		Sokkel til sikkerhedsrelæ 4-polet	
53	-K2305	100195	G7SA-3A1B 24VDC	---		Smal Sikkerhedsrelæ efter EN50205 4-polet	230/5
54	-K2305	100193	P7SA-10F-ND 24VDC	---		Sokkel til sikkerhedsrelæ 4-polet	
55	-K2306	100195	G7SA-3A1B 24VDC	---		Smal Sikkerhedsrelæ efter EN50205 4-polet	230/6
56	-K2306	100193	P7SA-10F-ND 24VDC	---		Sokkel til sikkerhedsrelæ 4-polet	

Pos.	Part	Part nr.	Type	Make	Supplier	Description	Place
57	-K2312	100195	G7SA-3A1B 24VDC	Omron		Smal Sikkerhedsrelæ efter EN50205 4-polet	231/2
58	-K2312	100193	P7SA-10F-ND 24VDC	---		Sokkel til sikkerhedsrelæ 4-polet	
59	-K2313	100195	G7SA-3A1B 24VDC	---		Smal Sikkerhedsrelæ efter EN50205 4-polet	231/3
60	-K2313	100193	P7SA-10F-ND 24VDC	---		Sokkel til sikkerhedsrelæ 4-polet	
61	-K2502	60355	1763-L16BBB	Rockwell Automation A/S	70110109	MicroLogic 1100 CPU	250/2
62	-K2511	60357	1762-IQ16 DC	---	---	MicroLogix Inputmodul 16 Indput	251/1
63	-K2512	100039	1762-IQ80W6	---	---	DC-Input/Relay-Output Combi Modul	251/2
64	-K2513	60358	1762-OB16	---	---	MicroLogix Outputmodul 16 Udgange	251/3
65	-K2514	60359	1762-IF2OF2	---	---	MicroLogix 2 Analog Input/2 Output	251/4
66	-K2601	102098	FX3-CPU000000	Sick		Flexi Soft controller uden EFI	50/1
67	-K2601	102099	FX3-MPL000001	---		Flexi Soft memory plug	
68	-K2602	102100	FX3-XTIO84002	---		Flexi soft I/O modul 8in/4out	50/1
69	-K2604	102100	FX3-XTIO84002	---		Flexi soft I/O modul 8in/4out	50/1
70	-K2606	102100	FX3-XTIO84002	---		Flexi soft I/O modul 8in/4out	50/1
71	-K2608	102100	FX3-XTIO84002	---		Flexi soft I/O modul 8in/4out	210/1
72	-K4004	100490	G2RV-SL500 DC24	Omron		Relay & socket, 6A contacts, push in terminals, 24	400/4
73	-K4005	100490	G2RV-SL500 DC24	---		Relay & socket, 6A contacts, push in terminals, 24	400/5
74	-K4006	100490	G2RV-SL500 DC24	---		Relay & socket, 6A contacts, push in terminals, 24	400/6
75	-K4011	100490	G2RV-SL500 DC24	---		Relay & socket, 6A contacts, push in terminals, 24	401/1
76	-K4012	100490	G2RV-SL500 DC24	---		Relay & socket, 6A contacts, push in terminals, 24	401/2
77	-K4021	100490	G2RV-SL500 DC24	---		Relay & socket, 6A contacts, push in terminals, 24	402/1
78	-K4021/1	100490	G2RV-SL500 DC24	---		Relay & socket, 6A contacts, push in terminals, 24	402/1
79	-K4022	100490	G2RV-SL500 DC24	---		Relay & socket, 6A contacts, push in terminals, 24	402/2
80	-K4023	100490	G2RV-SL500 DC24	---		Relay & socket, 6A contacts, push in terminals, 24	402/3
81	-K4031	100195	G7SA-3A1B 24VDC	---		Smal Sikkerhedsrelæ efter EN50205 4-polet	403/1
82	-K4031	100193	P7SA-10F-ND 24VDC	---		Sokkel til sikkerhedsrelæ 4-polet	
83	-K4032	100490	G2RV-SL500 DC24	---		Relay & socket, 6A contacts, push in terminals, 24	403/2
84	-K4033	100490	G2RV-SL500 DC24	---		Relay & socket, 6A contacts, push in terminals, 24	403/3

Pos.	Part	Part nr.	Type	Make	Supplier	Description	Place
85	-K4034	100490	G2RV-SL500 DC24	Omron		Relay & socket, 6A contacts, push in terminals, 24	403/4
86	-K4035	100490	G2RV-SL500 DC24	---		Relay & socket, 6A contacts, push in terminals, 24	403/5
87	-K4036	100490	G2RV-SL500 DC24	---		Relay & socket, 6A contacts, push in terminals, 24	403/6
88	-K4037	100490	G2RV-SL500 DC24	---		Relay & socket, 6A contacts, push in terminals, 24	403/7
89	-K4038	100490	G2RV-SL500 DC24	---		Relay & socket, 6A contacts, push in terminals, 24	403/8
90	-PE-SKINNE	100451	0280300000	Weidmüller		Jordlederskinne esch 28030	100/7
91	-PE-SKINNEH	100452	0299860000	---		Skinneholder SH 1 29986	100/7
92	-PE-SKINNES	100454	0280100000	---		Spændstykke DS 28010	
93	-PE-SKINNES	100453	0296700000	---		Skrue BS M 5X8 29670	100/7
94	-Q1003	100187	24999	Schneider Electric A/S	Schneider Electric A/S	Automatsikring C60H C 10A 3P	100/3
95	-Q1005	100187	24999	---	---	Automatsikring C60H C 10A 3P	100/5
96	-Q1011	60354	140M-C-AFA11	Rockwell Automation A/S	70110109	Meldekontakt 1NO + 1NC (til 140M*)	101/5
97	-Q1011	100172	140M-F8E-C45	---	---	Håndbetjent motorværn 45Amp.	101/1
98	-Q1021	60354	140M-C-AFA11	---	---	Meldekontakt 1NO + 1NC (til 140M*)	102/5
99	-Q1021	100172	140M-F8E-C45	---	---	Håndbetjent motorværn 45Amp.	102/1
100	-Q1031	60354	140M-C-AFA11	---	---	Meldekontakt 1NO + 1NC (til 140M*)	210/1
101	-Q1031	100081	LUB12	Telemecanique	Schneider Electric A/S	Grundmodul 12A 3P+1NO+1NC	401/3
102	-Q1031	100082	LUB32	---	---	Grundmodul 32A 3P+1NO+1NC	103/1
103	-Q1031	100087	LUCA18BL	---	---	Overstrømsmodul S3P10 4,5-18A Uc 24VDC	103/1
104	-Q1041	100376	24982	Schneider Electric A/S	---	Automatsikring C60H 2P C2	104/1
105	-R1013	100557	MRA02073K32BTA015	Arcol	RS komponents	Modstand 3,32kohm, 0,25w	101/3
106	-R1023	100557	MRA02073K32BTA015	---	---	Modstand 3,32kohm, 0,25w	102/3
107	-R5001	101515	132-422 (CFR50J510R)	Tyco Electronics	---	510R modstand 0.5W, 5%	500/1
108	-S1001	100003	HLT125/3E/Z1/33	Sontheimer	Desim Elektronik A/S	Forsyningsadskiller 125A	100/1
109	-S1001	100004	PE125E	---	---	PE skinne til forsyningsadskiller 125A	100/1
110	-S2025	0_Liste_1	Liste			Partliste til Nødstopstryk uden hus	202/5
111	-S2025	301803	ZB5AS844	Telemecanique	Schneider Electric A/S	Sikkerhedsnødstoptryk Ø40, tryk-drej	
112	-S2025	100077	ZB5AZ009	---	---	Krop til ZBE elementer + ZBV blokke	

Pos.	Part	Part nr.	Type	Make	Supplier	Description	Place
113	-S2025	100075	ZBE101	Telemecanique	Schneider Electric A/S	KONTAKTELEMENT 1 SLUTTE	
114	-S2025	100076	ZBE102	---	---	KONTAKTELEMENT 1 BRYDE	
115	-S2025	100076	ZBE102	---	---	KONTAKTELEMENT 1 BRYDE	
116	-S2025	101341	ZBY9101	---	---	Skilt Ø60 gul uden tekst	202/5
117	-SUPPLY1001						100/1
118	-SUPPLY1003						100/3
119	-SUPPLY1005						100/5
120	-T200	100677	NSYCAG223LPF	Schneider Electric A/S	Schneider Electric A/S	Rist 223x223 RAL7035	104/5
121	-T200	100676	NSYCVF165M24DPF	---	---	Ventilator m/filter 165m³/t 24VDC	104/6
122	-T1041	100556	ABL8RPS24100	Telemecanique	---	Strømforsyning SMPS, Pri:100-500V Sek:24VDC 10A	104/1
123	-T4017	100210	E233-12/48VDC	ABB		Digital timetæller (1 tæller, u. reset)	401/7
124	-AS01	323597				CT Designpanel PVP600 31xx 12 huller samlet Mixer	51/1
125	-AS01	100186	2459000	Rittal		Kondensatudløb	51/1
126	-E3051	100394	160-578	RS Components		Effektmodstand i alu hus. 15w 68 ohm	305/1
127	-E3051	100393	189-8779	---		KØLEPLADE 1.5K/W	
128	-P3027	100067	ZB5AV043S	Telemecanique	Schneider Electric A/S	Lampehoved for X´tra LED rød	402/8
129	-P3027	100077	ZB5AZ009	---	---	Krop til ZBE elementer + ZBV blokke	402/8
130	-P4027	100068	ZB5AV053S	---	---	Lampehoved for X´tra LED gul	51/3
131	-P4027	101375	ZBVB4	---	---	Lampeelement m/LED rød 24VAC/DC	402/7
132	-S705	0_Liste_1	Liste			Partliste til Nødstopstryk uden hus	51/3
133	-S705	301803	ZB5AS844	Telemecanique	Schneider Electric A/S	Sikkerhedsnødstoptryk Ø40, tryk-drej	
134	-S705	100077	ZB5AZ009	---	---	Krop til ZBE elementer + ZBV blokke	
135	-S705	100075	ZBE101	---	---	KONTAKTELEMENT 1 SLUTTE	
136	-S705	100076	ZBE102	---	---	KONTAKTELEMENT 1 BRYDE	
137	-S705	100076	ZBE102	---	---	KONTAKTELEMENT 1 BRYDE	
138	-S705	101341	ZBY9101	---	---	Skilt Ø60 gul uden tekst	51/3
139	-S734	100070	ZB5AA18	---	---	TRYKKNAP PLAN HVID FOR SKILT	51/3
140	-S734	103712	ZBPA	---		Silikonekappe for ZB4BA/ZB5AA plantryk	

Pos.	Part	Part nr.	Type	Make	Supplier	Description	Place
141	-S2021	0_Liste_1	Liste			Partliste til Nødstopstryk uden hus	202/1
142	-S2021	301803	ZB5AS844	Telemecanique	Schneider Electric A/S	Sikkerhedsnødstoptryk Ø40, tryk-drej	
143	-S2021	100077	ZB5AZ009	---	---	Krop til ZBE elementer + ZBV blokke	
144	-S2021	100075	ZBE101	---	---	KONTAKTELEMENT 1 SLUTTE	
145	-S2021	100076	ZBE102	---	---	KONTAKTELEMENT 1 BRYDE	
146	-S2021	100076	ZBE102	---	---	KONTAKTELEMENT 1 BRYDE	
147	-S2021	101341	ZBY9101	---	---	Skilt Ø60 gul uden tekst	202/1
148	-S2081	100070	ZB5AA18	---	---	TRYKKNAP PLAN HVID FOR SKILT	208/1
149	-S2081	100077	ZB5AZ009	---	---	Krop til ZBE elementer + ZBV blokke	208/1
150	-S2081	100075	ZBE101	---	---	KONTAKTELEMENT 1 SLUTTE	208/1
151	-S2081	103712	ZBPA	---		Silikonekappe for ZB4BA/ZB5AA plantryk	
152	-S3001	100070	ZB5AA18	---	Schneider Electric A/S	TRYKKNAP PLAN HVID FOR SKILT	51/3
153	-S3001	103712	ZBPA	---		Silikonekappe for ZB4BA/ZB5AA plantryk	
154	-S3024	100066	ZB5AV033S	---	Schneider Electric A/S	Lampehoved for X´tra LED grøn	402/4
155	-S3024	100071	ZB5AW333	---	---	LAMPETRYKSHOVED GRØN PLAN	302/4
156	-S3024	100077	ZB5AZ009	---	---	Krop til ZBE elementer + ZBV blokke	302/4
157	-S3024	100075	ZBE101	---	---	KONTAKTELEMENT 1 SLUTTE	302/4
158	-S3024	103712	ZBPA	---		Silikonekappe for ZB4BA/ZB5AA plantryk	
159	-S3025	100072	ZB5AW343	---	Schneider Electric A/S	LAMPETRYKSHOVED RØD PLAN	302/5
160	-S3025	100077	ZB5AZ009	---	---	Krop til ZBE elementer + ZBV blokke	302/5
161	-S3025	100075	ZBE101	---	---	KONTAKTELEMENT 1 SLUTTE	302/5
162	-S3025	103712	ZBPA	---		Silikonekappe for ZB4BA/ZB5AA plantryk	
163	-S3027	100073	ZB5AW353	---	Schneider Electric A/S	LAMPETRYKSHOVED GUL PLAN	302/7
164	-S3027	100077	ZB5AZ009	---	---	Krop til ZBE elementer + ZBV blokke	302/7
165	-S3027	100075	ZBE101	---	---	KONTAKTELEMENT 1 SLUTTE	302/7
166	-S3027	103712	ZBPA	---		Silikonekappe for ZB4BA/ZB5AA plantryk	
167	-S3027	101376	ZBVB5	---	Schneider Electric A/S	Lampeelement m/LED gul 24VAC/DC	402/8
168	-S3028	100079	ZB5AD2	---	---	Drejegreb 2 faste stillinger (Kort greb)	302/8

Pos.	Part	Part nr.	Type	Make	Supplier	Description	Place
169	-S3028	100077	ZB5AZ009	Telemecanique	Schneider Electric A/S	Krop til ZBE elementer + ZBV blokke	302/8
170	-S3028	100075	ZBE101	---	---	KONTAKTELEMENT 1 SLUTTE	302/8
171	-S3034	100070	ZB5AA18	---	---	TRYKKNAP PLAN HVID FOR SKILT	303/3
172	-S3034	100077	ZB5AZ009	---	---	Krop til ZBE elementer + ZBV blokke	303/3
173	-S3034	100075	ZBE101	---	---	KONTAKTELEMENT 1 SLUTTE	303/3
174	-S3034	103712	ZBPA	---		Silikonekappe for ZB4BA/ZB5AA plantryk	
175	-S3035	100070	ZB5AA18	---	Schneider Electric A/S	TRYKKNAP PLAN HVID FOR SKILT	303/4
176	-S3035	100077	ZB5AZ009	---	---	Krop til ZBE elementer + ZBV blokke	303/4
177	-S3035	100075	ZBE101	---	---	KONTAKTELEMENT 1 SLUTTE	303/4
178	-S3035	103712	ZBPA	---		Silikonekappe for ZB4BA/ZB5AA plantryk	
179	-S3035	100078	ZBVB1	---	Schneider Electric A/S	Lampeelement m/LED hvid 24VAC/DC	402/5
180	-S3036	100070	ZB5AA18	---	---	TRYKKNAP PLAN HVID FOR SKILT	303/5
181	-S3036	100077	ZB5AZ009	---	---	Krop til ZBE elementer + ZBV blokke	303/5
182	-S3036	100075	ZBE101	---	---	KONTAKTELEMENT 1 SLUTTE	303/5
183	-S3036	103712	ZBPA	---		Silikonekappe for ZB4BA/ZB5AA plantryk	
184	-S3042	100070	ZB5AA18	---	Schneider Electric A/S	TRYKKNAP PLAN HVID FOR SKILT	304/2
185	-S3042	100077	ZB5AZ009	---	---	Krop til ZBE elementer + ZBV blokke	304/2
186	-S3042	100075	ZBE101	---	---	KONTAKTELEMENT 1 SLUTTE	304/2
187	-S3042	103712	ZBPA	---		Silikonekappe for ZB4BA/ZB5AA plantryk	
188	-S3048	100070	ZB5AA18	---	Schneider Electric A/S	TRYKKNAP PLAN HVID FOR SKILT	304/8
189	-S3048	100077	ZB5AZ009	---	---	Krop til ZBE elementer + ZBV blokke	304/8
190	-S3048	100075	ZBE101	---	---	KONTAKTELEMENT 1 SLUTTE	304/8
191	-S3048	103712	ZBPA	---		Silikonekappe for ZB4BA/ZB5AA plantryk	
192	-S3048	100078	ZBVB1	---	Schneider Electric A/S	Lampeelement m/LED hvid 24VAC/DC	402/6
193	-T3052	60360	2711PC-T6C20D	Rockwell Automation A/S	70110109	Panelview 600C+ Touchpanel i farver	305/2
194	-A3	315662	XALD02	Telemecanique	Schneider Electric A/S	Trykknapkasse tom med 2 huller Ø22, Grå	204/2
195	-A20	315662	XALD02	---	---	Trykknapkasse tom med 2 huller Ø22, Grå	51/5
196	-S707	0_Liste_1	Liste			Partliste til Nødstopstryk uden hus	51/5

Pos.	Part	Part nr.	Type	Make	Supplier	Description	Place
197	-S707	315803	XALK01	Telemecanique	Schneider Electric A/S	Nødstopkasse tom med 1hul Ø22, Gul	51/5
198	-S707	301803	ZB5AS844	---	---	Sikkerhedsnødstoptryk Ø40, tryk-drej	
199	-S707	100077	ZB5AZ009	---	---	Krop til ZBE elementer + ZBV blokke	
200	-S707	100075	ZBE101	---	---	KONTAKTELEMENT 1 SLUTTE	
201	-S707	100076	ZBE102	---	---	KONTAKTELEMENT 1 BRYDE	
202	-S707	100076	ZBE102	---	---	KONTAKTELEMENT 1 BRYDE	
203	-S774	100070	ZB5AA18	---	---	TRYKKNAP PLAN HVID FOR SKILT	51/5
204	-S774	103712	ZBPA	---		Silikonekappe for ZB4BA/ZB5AA plantryk	
205	-S774/1	102314	ZB5AG6	---	Schneider Electric A/S	Nøglegreb 2 stillinger m/retur fra H til V	51/5
206	-S2023	0_Liste_1	Liste			Partliste til Nødstopstryk uden hus	202/3
207	-S2023	301803	ZB5AS844	Telemecanique	Schneider Electric A/S	Sikkerhedsnødstoptryk Ø40, tryk-drej	
208	-S2023	100077	ZB5AZ009	---	---	Krop til ZBE elementer + ZBV blokke	
209	-S2023	100075	ZBE101	---	---	KONTAKTELEMENT 1 SLUTTE	
210	-S2023	100076	ZBE102	---	---	KONTAKTELEMENT 1 BRYDE	
211	-S2023	100076	ZBE102	---	---	KONTAKTELEMENT 1 BRYDE	
212	-S2043	100070	ZB5AA18	---	---	TRYKKNAP PLAN HVID FOR SKILT	204/3
213	-S2043	100077	ZB5AZ009	---	---	Krop til ZBE elementer + ZBV blokke	204/2
214	-S2043	100075	ZBE101	---	---	KONTAKTELEMENT 1 SLUTTE	204/3
215	-S2043	103712	ZBPA	---		Silikonekappe for ZB4BA/ZB5AA plantryk	
216	-S2043/1	100680	ZB5AG2	---	Schneider Electric A/S	Nøglegreb 2 faste stillinger	204/3
217	-S2043/1	100077	ZB5AZ009	---	---	Krop til ZBE elementer + ZBV blokke	204/2
218	-S2043/1	100075	ZBE101	---	---	KONTAKTELEMENT 1 SLUTTE	204/3

Styklister

Pos.	Part number	Text	Type	Make	
1	100210	Digital timetæller (1 tæller, u. reset)	E233-12/48VDC	ABB	1
2	100557	Modstand 3,32kohm, 0,25w	MRA02073K32BTA015	Arcol	2
3	301038	Flowmåler med digital udgang.	Flow:B030	Bauser-control	1
4	60368	Transmitter T04 PT100/mA-V til 4 følere	707040/1-888-888-2	Jumo	1
5	303055	PT100 føler kl. B	PTFE Ø26X1,5 L=10	---	4
6	100601	Kabelgennemføring 17 stk. 5-9,2mm huller	KDP/N 24/17	Murrplastik	3
7	60391	Kompakt magnetisk sikkerhedsswitch 10m	F3S-TGR-NMPC-21-10	Omron	4
8	100193	Sokkel til sikkerhedsrelæ 4-polet	P7SA-10F-ND 24VDC	---	8
9	100195	Smal Sikkerhedsrelæ efter EN50205 4-polet	G7SA-3A1B 24VDC	---	8
10	100490	Relay & socket, 6A contacts, push in terminals, 24	G2RV-SL500 DC24	---	17
11	60377	Ethernet switch 5 port 10/100mBit	SFN 5TX	PHOENIX CONTACT A/	1
12	100909	Fjederkraftklemme	ST 1,5	---	170
13	100912	Fjederkraft-jordklemme, grøn/gul	ST 1,5-PE	---	2
14	100914	Sikringsterminal til 5x20mm sikring, 12-30V diode	ST 4-HESI (5X20)	---	5
15	101229	Fjederkraftklemme 2,5mm²	ST 2,5	---	1
16	101231	Fjederkraft-jordklemme, 2,5mm² grøn/gul	ST 2,5-PE	---	1
17	100186	Kondensatudløb	2459000	Rittal	1
18	60354	Meldekontakt 1NO + 1NC (til 140M*)	140M-C-AFA11	Rockwell Automatio	4
19	60355	MicroLogic 1100 CPU	1763-L16BBB	---	1
20	60357	MicroLogix Inputmodul 16 Indput	1762-IQ16 DC	---	1

Pos.	Part number	Text	Type	Make	
21	60358	MicroLogix Outputmodul 16 Udgange	1762-OB16	---	1
22	60359	MicroLogix 2 Analog Input/2 Output	1762-IF2OF2	---	1
23	60360	Panelview 600C+ Touchpanel i farver	2711PC-T6C20D	---	1
24	100007	PF 70 Frekvensomformer Safe-Off Interface	20A-DG01	---	2
25	100018	PF 70 AC Frekvensomf. 400 VAC, 3 PH, 37A	20AC037A0AYNANC0	---	2
26	100039	DC-Input/Relay-Output Combi Modul	1762-IQ80W6	---	1
27	100172	Håndbetjent motorværn 45Amp.	140M-F8E-C45	---	2
28	100393	KØLEPLADE 1.5K/W	189-8779	RS Components	1
29	100394	Effektmodstand i alu hus. 15w 68 ohm	160-578	---	1
30	100187	Automatsikring C60H C 10A 3P	24999	Schneider Electric	2
31	100376	Automatsikring C60H 2P C2	24982	---	1
32	100676	Ventilator m/filter 165m³/t 24VDC	NSYCVF165M24DPF	---	1
33	100677	Rist 223x223 RAL7035	NSYCAG223LPF	---	1
34	101901	Thermostat til DIN montering 0-60°C	NSYCCOTHO	---	1
35	102098	Flexi Soft controller uden EFI	FX3-CPU000000	Sick	1
36	102099	Flexi Soft memory plug	FX3-MPL000001	---	1
37	102100	Flexi soft I/O modul 8in/4out	FX3-XTIO84002	---	4
38	102441	MHF15 Optical level switch	MHF15-21NG1HSM	---	1
39	102457	Sick følerkabel 10m IP69K M12 stik VINKLET 4 leder	DOL-1204-L10MN	---	2
40	102583	Tryktransmitter. -1 til 0 mbar. 4-20mA, M12 4-pin	PFT-SCB1X0SG1SSAAM	---	1
41	102690	Sick følerkabel 5m M8 stik VINKLET 3 leder	DOL-0803-W05M	---	4
42	103174	Fotocelle 3-30cm tasteafstand, Ø18mm, IP69K, Dark	MHTB15-P3267V	---	2
43	103175	Fotocelle 3-30cm tasteafstand, Ø18mm, IP69K, Light	MHTB15-P3367V	SICK	2
44	103179	Induktiv sikkerheds føler, Ø12mm	IN30-E0407K	Sick	2

CARNITECH

Project title: CT3027.01 Mantos Mixer, Deutchland	**Funk./plac.**	**Page 750**
Page title: Stykliste	Drawing nuber 102592	
Customer: Mantos	Constr. (project/page): Erik Andersen /	Next page 751
File name: CT3027.01_VacuumMixer - Mantos (aflevering)	Approved (init/date): /	Number of pages 70
Project number:ON26864000660	Last edited 06-02-2012	**Project rev.:**

Pos.	Part number	Text	Type	Make	
45	100003	Forsyningsadskiller 125A	HLT125/3E/Z1/33	Sontheimer	1
46	100004	PE skinne til forsyningsadskiller 125A	PE125E	---	1
47	100066	Lampehoved for X´tra LED grøn	ZB5AV033S	Telemecanique	1
48	100067	Lampehoved for X´tra LED rød	ZB5AV043S	---	1
49	100068	Lampehoved for X´tra LED gul	ZB5AV053S	---	1
50	100070	TRYKKNAP PLAN HVID FOR SKILT	ZB5AA18	---	10
51	100071	LAMPETRYKSHOVED GRØN PLAN	ZB5AW333	---	1
52	100072	LAMPETRYKSHOVED RØD PLAN	ZB5AW343	---	1
53	100073	LAMPETRYKSHOVED GUL PLAN	ZB5AW353	---	1
54	100075	KONTAKTELEMENT 1 SLUTTE	ZBE101	---	17
55	100076	KONTAKTELEMENT 1 BRYDE	ZBE102	---	8
56	100077	Krop til ZBE elementer + ZBV blokke	ZB5AZ009	---	17
57	100078	Lampeelement m/LED hvid 24VAC/DC	ZBVB1	---	2
58	100079	Drejegreb 2 faste stillinger (Kort greb)	ZB5AD2	---	1
59	100081	Grundmodul 12A 3P+1NO+1NC	LUB12	---	1
60	100082	Grundmodul 32A 3P+1NO+1NC	LUB32	---	1
61	100087	Overstrømsmodul S3P10 4,5-18A Uc 24VDC	LUCA18BL	---	1
62	100199	Kontaktor 32A 3P+1NO+1NC, Uc 24V DC	LC1D32BD	---	1
63	100364	Automatsikring 1P 8A, Id=108A	GB2CB14	---	1
64	100530	Automatsikring 1P 4A, Id=52A	GB2CB09	---	1
65	100556	Strømforsyning SMPS, Pri:100-500V Sek:24VDC 10A	ABL8RPS24100	---	1
66	100680	Nøglegreb 2 faste stillinger	ZB5AG2	---	1
67	101341	Skilt Ø60 gul uden tekst	ZBY9101	---	2
68	101375	Lampeelement m/LED rød 24VAC/DC	ZBVB4	---	1
69	101376	Lampeelement m/LED gul 24VAC/DC	ZBVB5	---	1
70	102314	Nøglegreb 2 stillinger m/retur fra H til V	ZB5AG6	---	1
71	103712	Silikonekappe for ZB4BA/ZB5AA plantryk	ZBPA	---	13

Pos.	Part number	Text	Type	Make	
72	301803	Sikkerhedsnødstoptryk Ø40, tryk-drej	ZB5AS844	---	4
73	315662	Trykknapkasse tom med 2 huller Ø22, Grå	XALD02	---	2
74	315803	Nødstopkasse tom med 1hul Ø22, Gul	XALK01	---	1
75	101515	510R modstand 0.5W, 5%	132-422 (CFR50J510	Tyco Electronics	1
76	100451	Jordlederskinne esch 28030	0280300000	Weidmüller	1
77	100452	Skinneholder SH 1 29986	0299860000	---	4
78	100453	Skrue BS M 5X8 29670	0296700000	---	20
79	100454	Spændstykke DS 28010	0280100000	---	20
80					24
81	0_Liste_1	Partliste til Nødstopstryk uden hus	Liste		4
82	100418	STYREKABEL JZ 5G0,75 U/SK.	JZ 5G0,75		3
83	100419	STYREKABEL JZ 7G0,75 U/SK.	JZ 7G0,75		17
84	100421	STYREKABEL JZ 12G0,75 U/SK.T-500	JZ 12G0,75		-
85	100423	STYREKABEL JZ 25G0,75 U/SK.AFM.	JZ 25G0,75		11
86	100427	STYREK.CY-JZ TR. 4G6 SK. T-500	CY-JZ TR. 4G6		6
87	100431	STYREKABEL JZ 4G 35 U/SK.T-500	JZ 4G35		-
88	101295	Forskruning M63x1,5 mm Forniklet messing u/EMC	M63		1
89	101732	Forskruning M25x1,5 mm Forniklet messing med EMC	M25 11-16mm		2
90	101741	Møtrik M25x1,5 mm med EMC skærekant	M25 Møtrik for EMC		2
91	101775	Forskruning M63x1,5 mm Kunststof	Forskruning M63x1,		2
92	101783	Møtrik M63x1,5 mm Kunststof	Møtrik M63x1,5 mm		2
93	323597				1

CARNITECH

Project title: CT3027.01 Mantos Mixer, Deutchland	**Funk./plac.**	**Page** 751
Page title: Stykliste	Drawing nuber 102592	
Customer: Mantos	Constr. (project/page) Erik Andersen /	Next page
File name: CT3027.01_VacuumMixer - Mantos (aflevering)	Approved (init/date): /	Number of pages 70
Project number:ON26864000660	Last edited 06-02-2012	**Project rev.:**