

Project title: CT3126.02 Combi Grinder Mantos

Project nr.:ON268640004

Drawing nr.:102751

Customer: Mantos

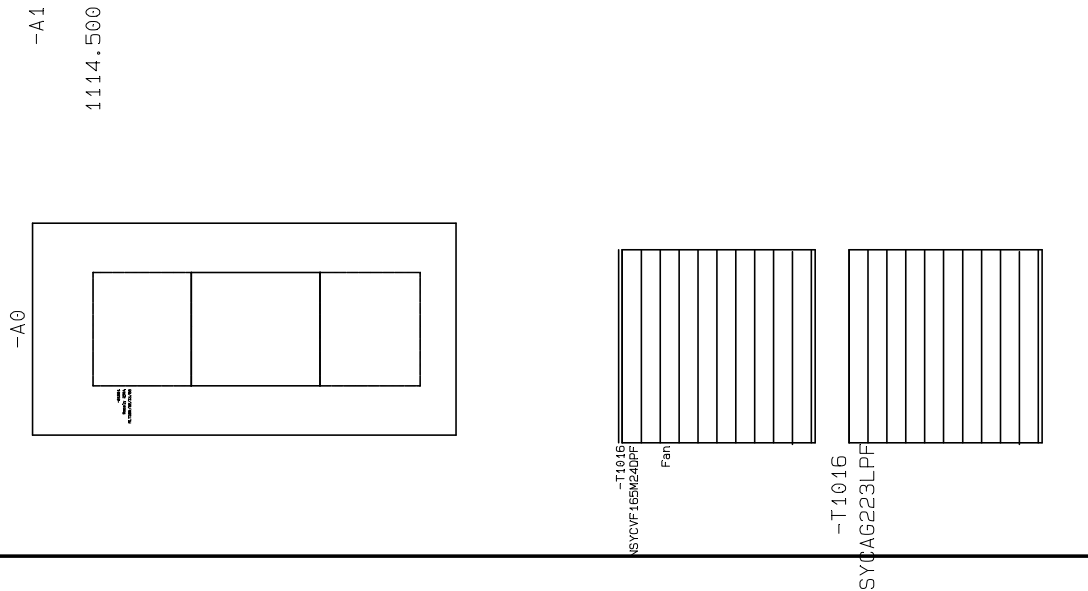
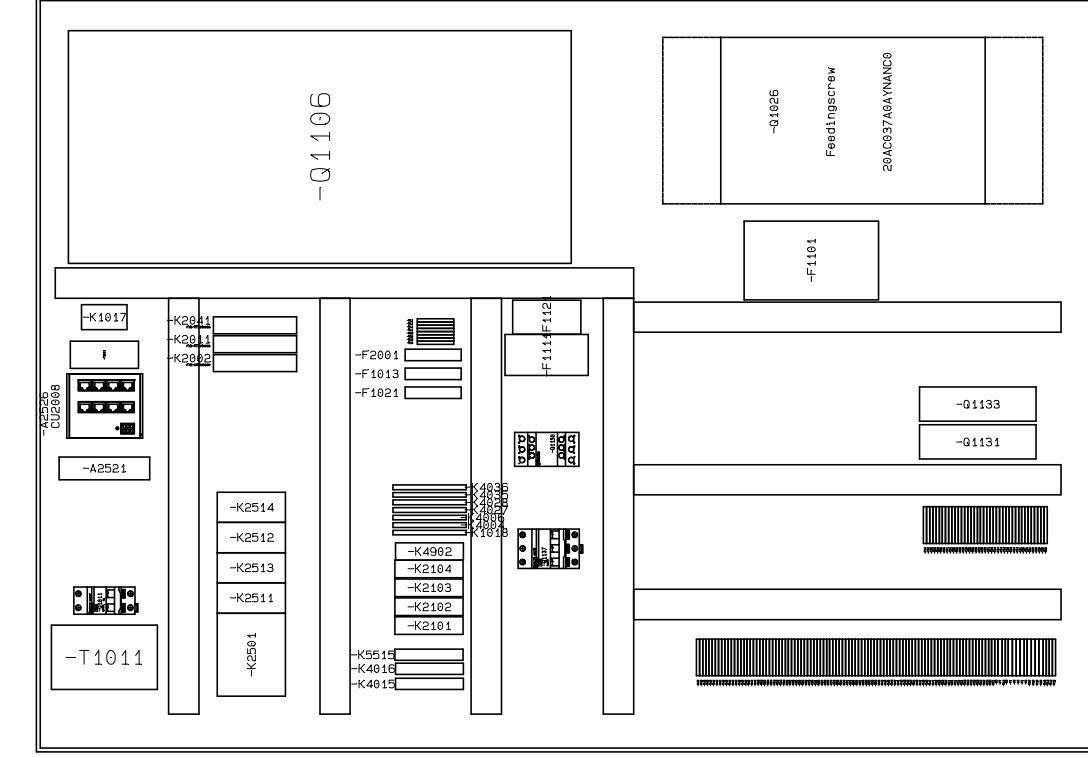
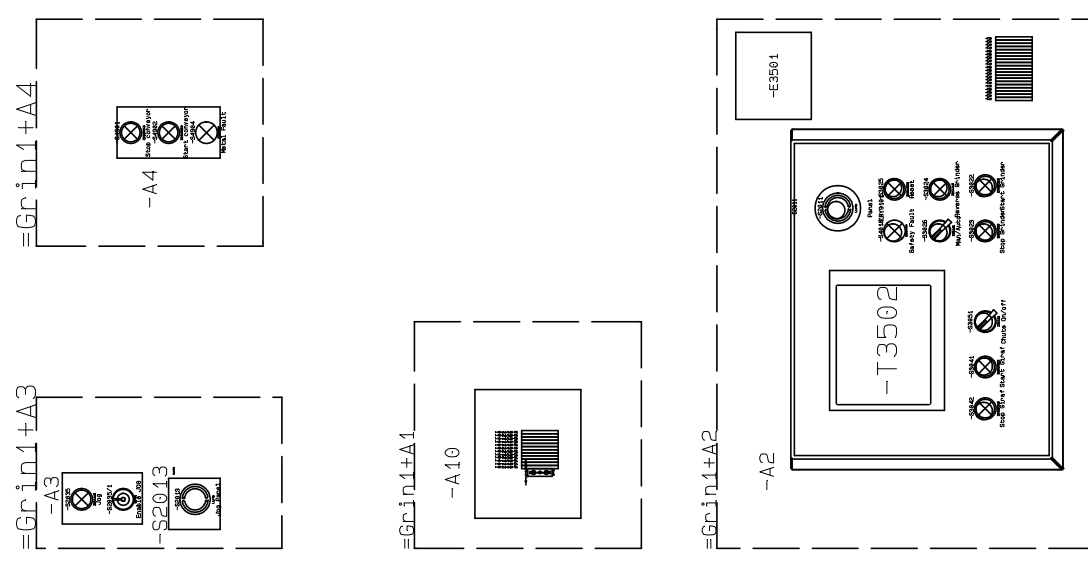
Machin nr.: 11-0036

Last printet	06-02-2012	Konstr. (projekt/side):	/	Page	Frontpage
Last edited	08-07-2011	Reference name:		Previous page:	
				Next page:	Faneblad
				Approved (init/dato):	/
				Project rev.:	
				Last rev.:	
				Description.:	

CT3126.02 Combi Grinder Man

Layout	1
Main circuit	2
Safety	3
PLC reference	4
Input	5
Output	6
Div.	7
Analouge input	8
Part list	9
Bill Of Material	10

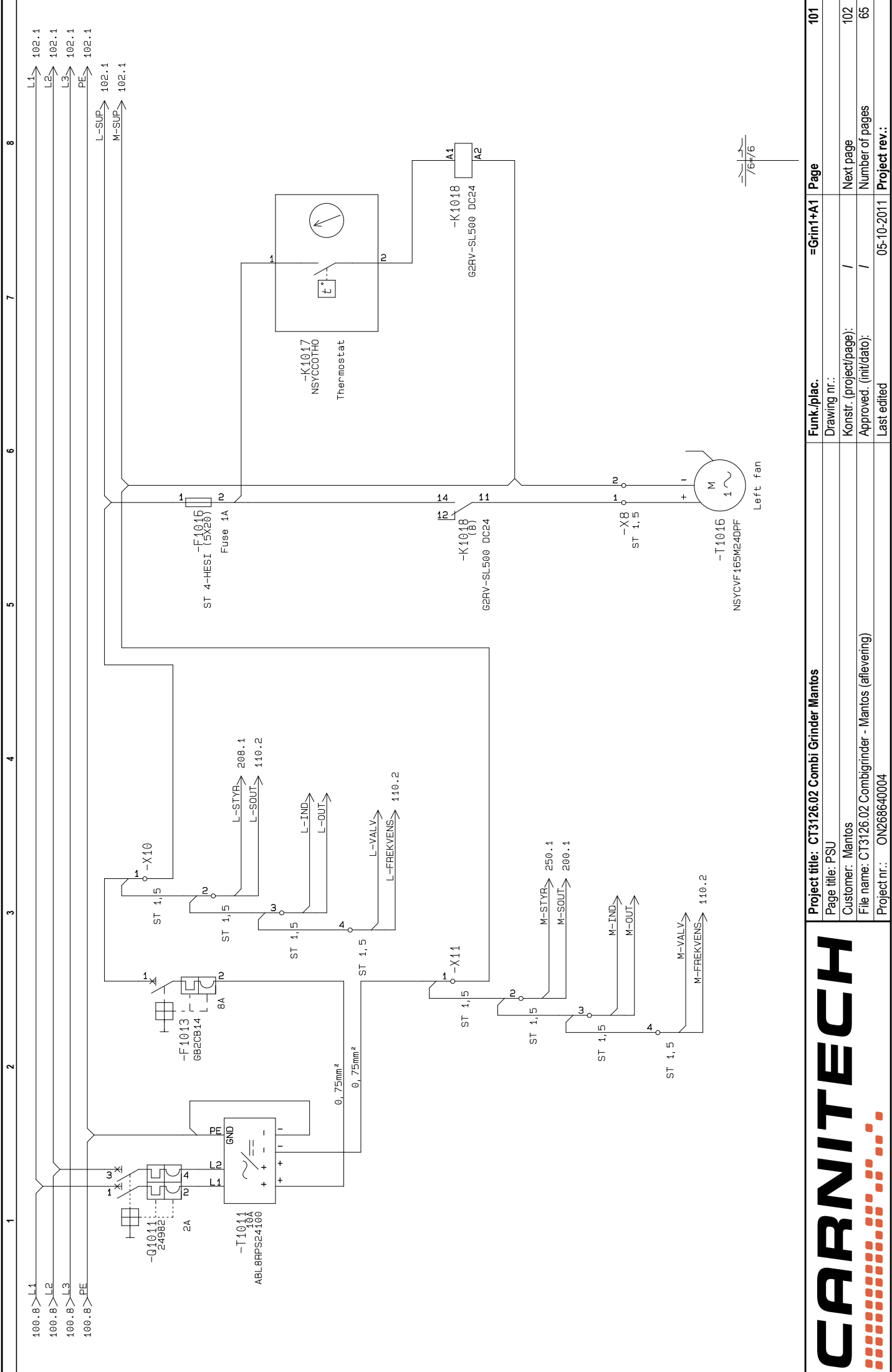
Layout



	Projekttitel: CT3126.02 Combi Grinder Mantos	Funk./plac.	=Grin1+A1	Side	50
	Sidetitel: Layout	Tegnings nr.:			
	Kunde: Mantos	Konstruktør		Næste side:	Main Circuit
	Filnavn: CT3126.02 Combigrinder - Mantos (aflevering)	Godk. (init/dato):	/	Sider ialt:	65
	Sags nr.:	Sidste rettelser tid:	16-09-2011	Projekt rev.:	
		ON268640004			

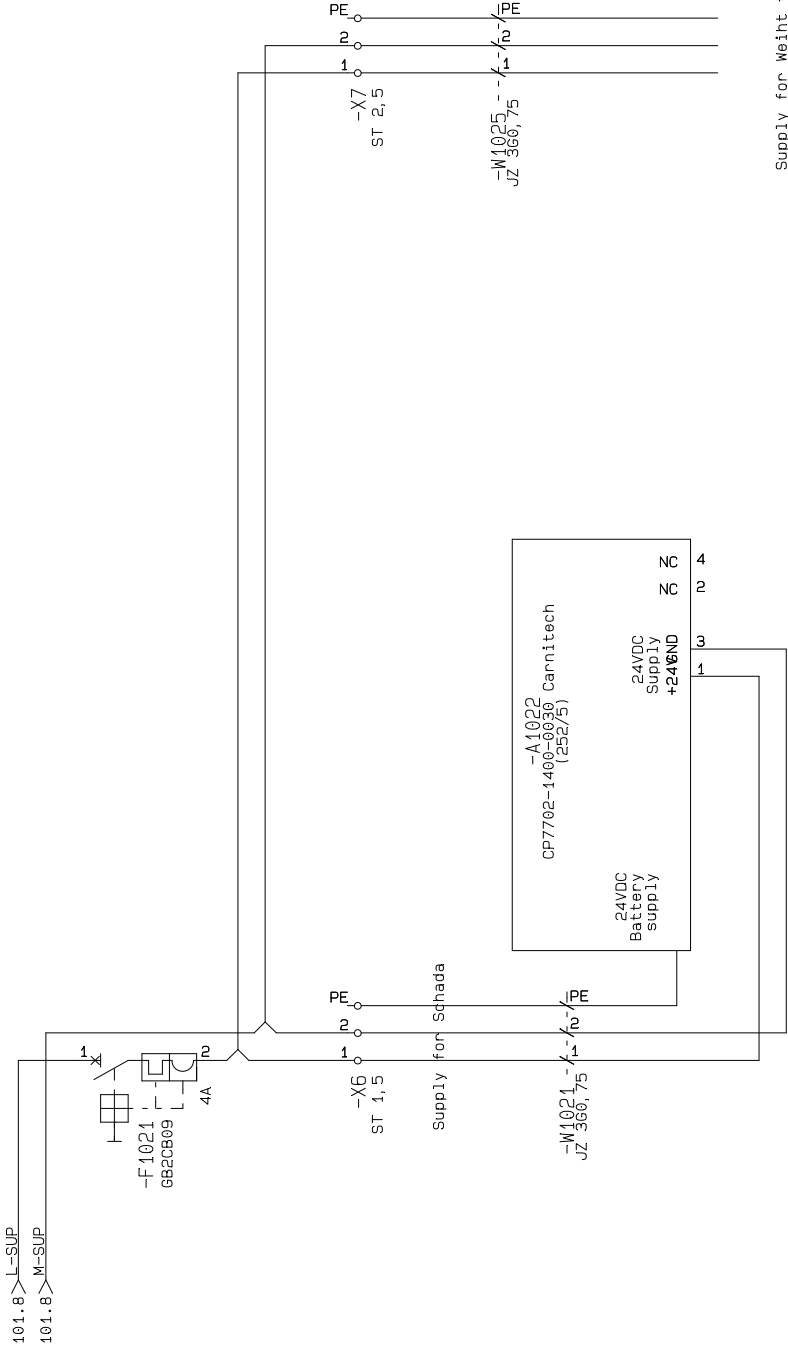
Main circuit

1	2	3	4	5	6	7	8
>-DC_STYREKREDSSE PVT 1x0,75 B >-AC_STYREKREDSSE PVT 1x0,75 R >-PE_STYREKREDSSE PVT 100,75 G >-EFFEKTIKREDSSE 10MM² PVT90 10 90 SORT							
T1 T2 T3 -S1001 -S1001 Supply 250A PE for supply -W1001 Forsyningskabel -SUPPLY1001 3x400V + PE 50Hz IK-max 10kA IK-min min 8kA Max 225A Fuse							
L1→101.1 L2→101.1 L3→101.1 PE→101.1							
Funk./plac. Drawing nr.: Konstr. (project/page): Approved. (init/date): Last edited							
Project title: CT3126.02 Combi Grinder Mantos Page title: Supply Customer: Mantos File name: CT3126.02 Combigrinder - Mantos (aflevering) Project nr.: ON268640004							
=Grin1+A1 Page 100							
Next page 101							
Number of pages 65							
Project rev.: 09-08-2011							



CARNITECH				Project title: CT3126.02 Combi Grinder Mantos			
Page title: PSU				Funk./plac. =Grin1+A1			
Customer: Mantos				Drawing nr.:			
File name: CT3126.02 Combigrinder - Mantos (aflevering)				Konstr. (project/page): /			
Project nr.: ON268640004				Approved. (init/date): /			
				Last edited 05-10-2011			
				Project rev.:			
				Page 101			
				Next page 102			
				Number of pages 65			

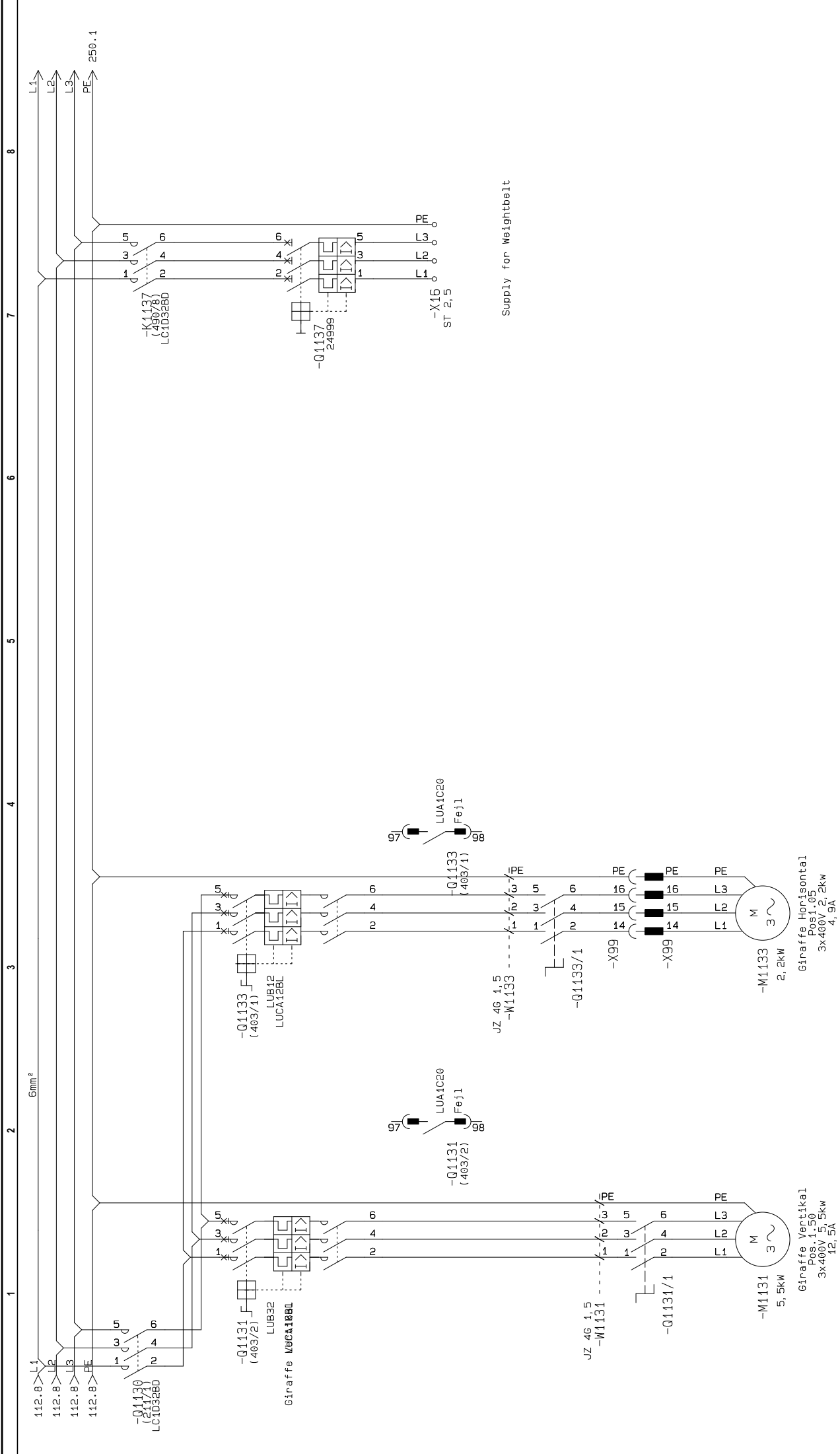
1	2	3	4	5	6	7	8
101.8	>	L1					L1 110.1
101.8	>	L2					L2 110.1
101.8	>	L3					L3 110.1
101.8	>	PE					PE 110.1



Supply for Weint terminal



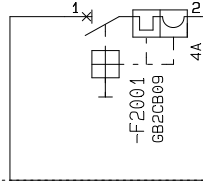
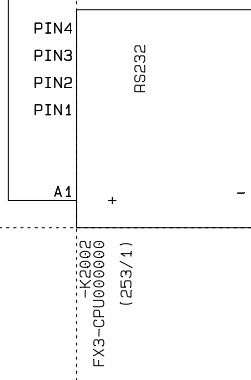
Project title: CT3126.02 Combi Grinder Mantos			Funk./plac.	=Grin1+A1	Page	102
Page title: Schads supply			Drawing nr.:			
Customer: Mantos			Konstr. (project/page):	/	Next page	110
File name: CT3126.02 Combigrinder - Mantos (aflevering)			Approved. (init/dato):	/	Number of pages	65
Project nr.: ON268640004			Last edited	05-10-2011	Project rev.:	

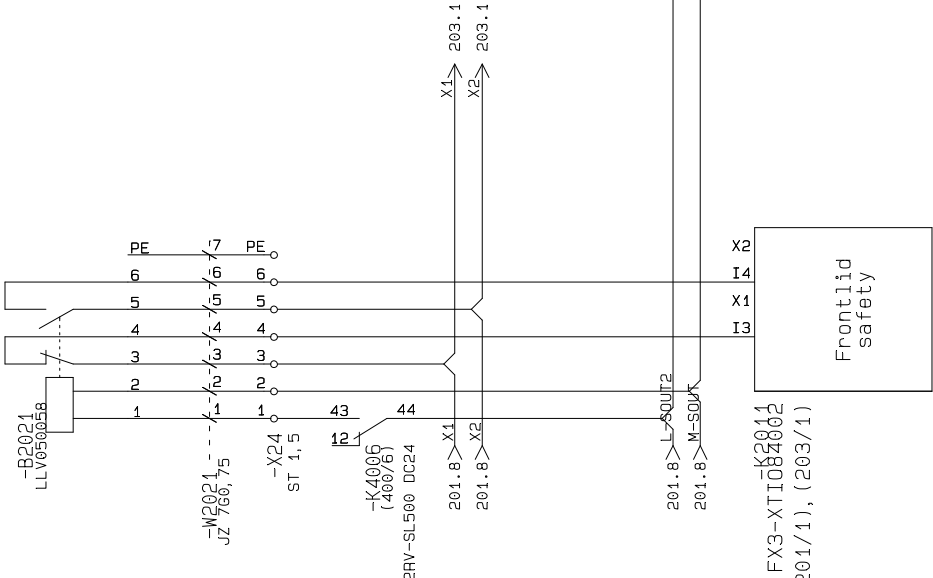


Supply for Weightbelt

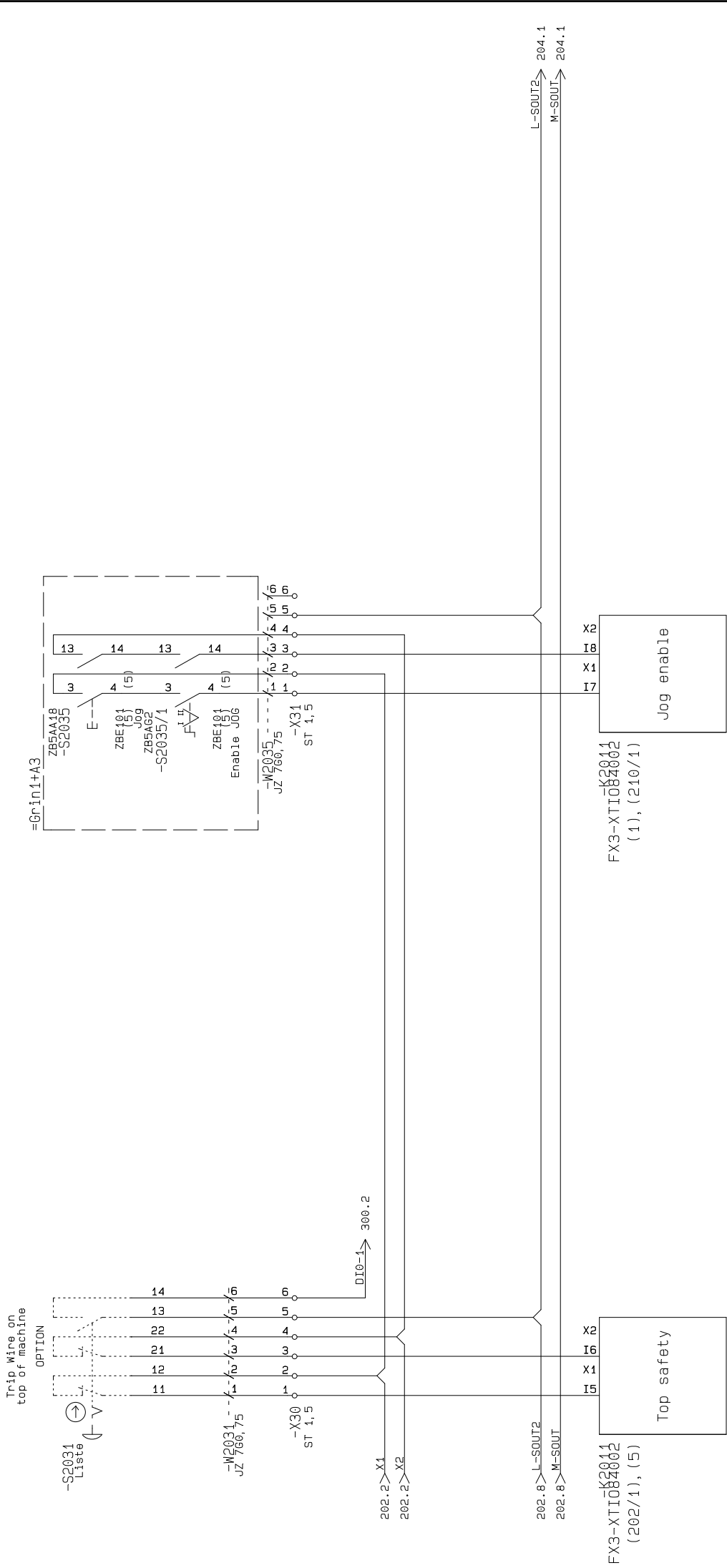
CARNITECH				Project title: CT3126.02 Combi Grinder Mantos			
				Page title: Giraffe			
				Customer: Mantos			
				File name: CT3126.02 Combigrinder - Mantos (aflevering)			
				Project nr.: ON268640004			
				Last edited 05-10-2011			
				Project rev.:			
				Funk./plac. =Gin1-A1			
				Drawing nr.:			
				Konstr. (project/page): /			
				Approved. (init/dato): /			
				Number of pages 65			
				Next page Safety			
				Page 113			

Safety

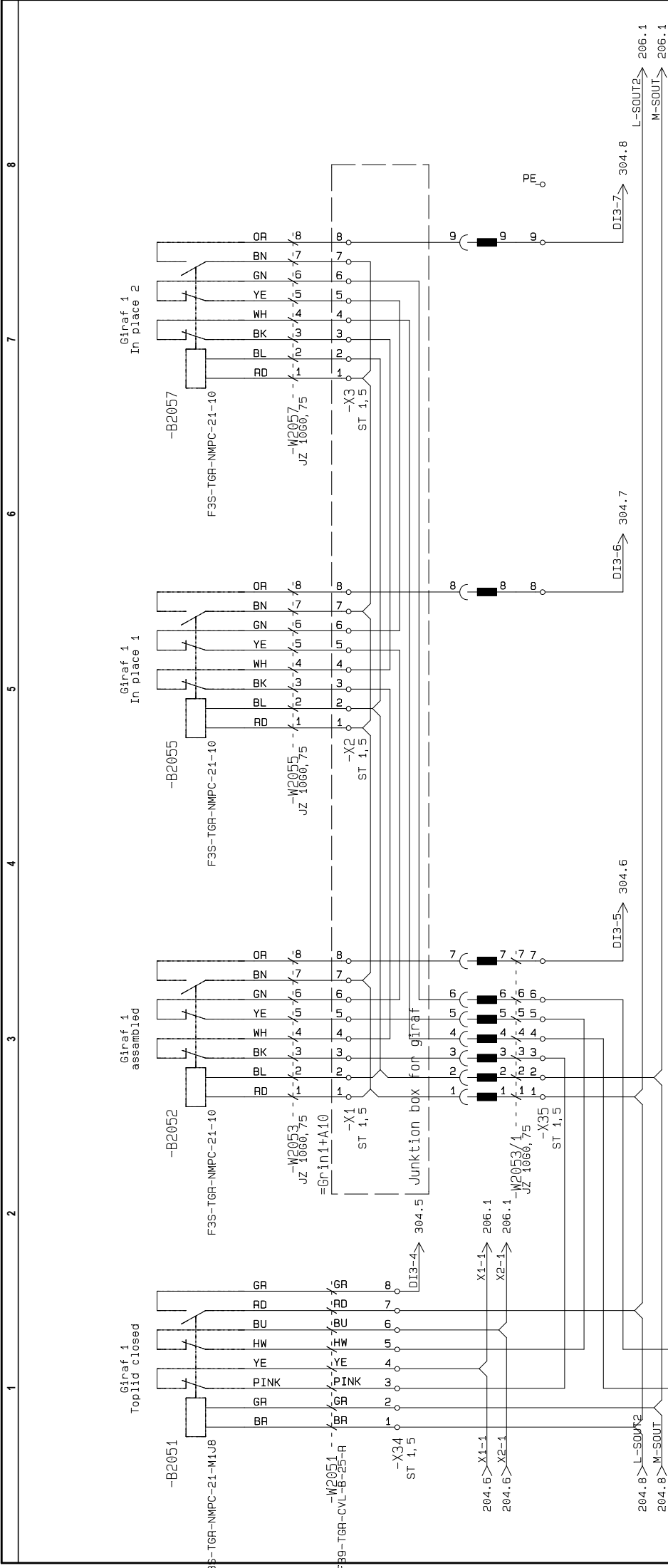




CARNITECH	Project title: CT3126.02 Combi Grinder Mantos				Funk./plac.	=Gin1+A1	Page	202
	Page title: Kendrion/frontlid safety				Drawing nr.:			
	Customer: Mantos				Konstr. (project/page):			Next page 203
	File name: CT3126.02 Combigrinder - Mantos (afterlevering)				Approved. (init/dato):			Number of pages 65
	Project nr.: ON268640004				Last edited 01-09-2011			Project rev.:



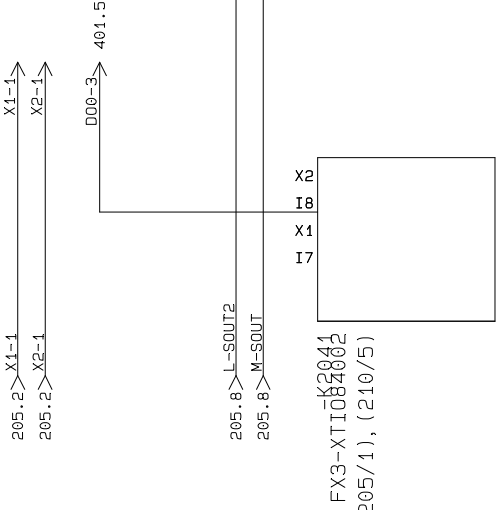
Project title: CT3126.02 Combi Grinder Mantos				Funk./plac.	=Gin1+A1	Page	203
Page title:				Drawing nr.:			
Customer: Mantos				Konstr. (project/page):		/	
File name: CT3126.02 Combigrinder - Mantos (afterlevering)				Approved. (init/date):		/	
Project nr.: ON268640004				Last edited		16-09-2011	
				Number of pages		65	
				Project rev.:			



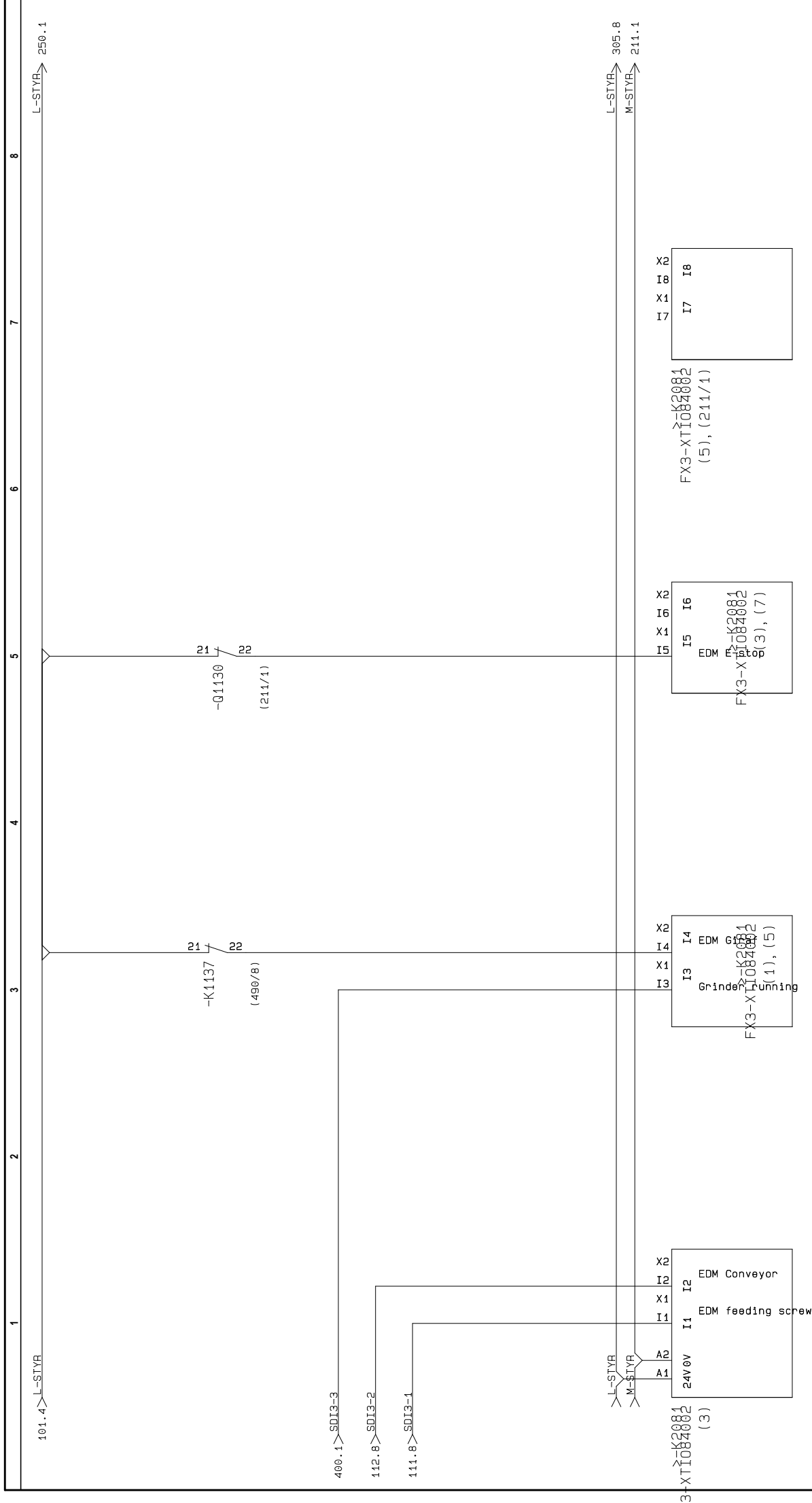
FX3-XT1084002
(204/5), (206/1)



Project title: CT3126.02 Combi Grinder Mantos		Funk./plac.	=Gin1+A1	Page	205
Page title:		Drawing nr.:			
Customer: Mantos		Konstr. (project/page):	/	Next page	206
File name: CT3126.02 Combigrinder - Mantos (afterlevering)		Approved. (init/date):	/	Number of pages	65
Project nr.: ON268640004		Last edited	16-09-2011	Project rev.:	



CARNITECH				Project title: CT3126.02 Combi Grinder Mantos		Funk./plac.	=Gin1+A1	Page	206
				Page title:		Drawing nr.:			
				Customer: Mantos		Konstr. (project/page): /			Next page 208
				File name: CT3126.02 Combigrinder - Mantos (aftering)		Approved. (init/dato): /			Number of pages 65
				Project nr.: ON268640004		Last edited 29-08-2011			Project rev.:



		Project title: CT3126.02 Combi Grinder Mantos		Funk./plac. =Grin1+A1		Page 208	
Page title:				Drawing nuber 102751			
Customer: Mantos				Constr. (project/page): /		Next page 210	
File name: CT3126.02 Combigrinder - Mantos (afterlevering)				Approved (init/date): /		Number of pages 65	
Project number: ON268640004				Last edited 05-10-2011		Project rev.:	

-K2011
FX3-XTI084002
203/5), (253/2)

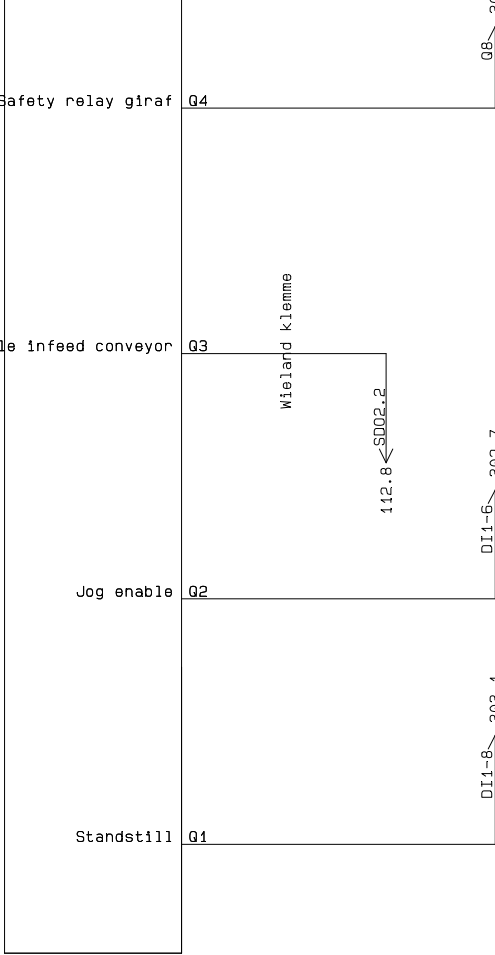
-K2041
FX3-XTI084002
206/1), (253/5)

Emergency stop

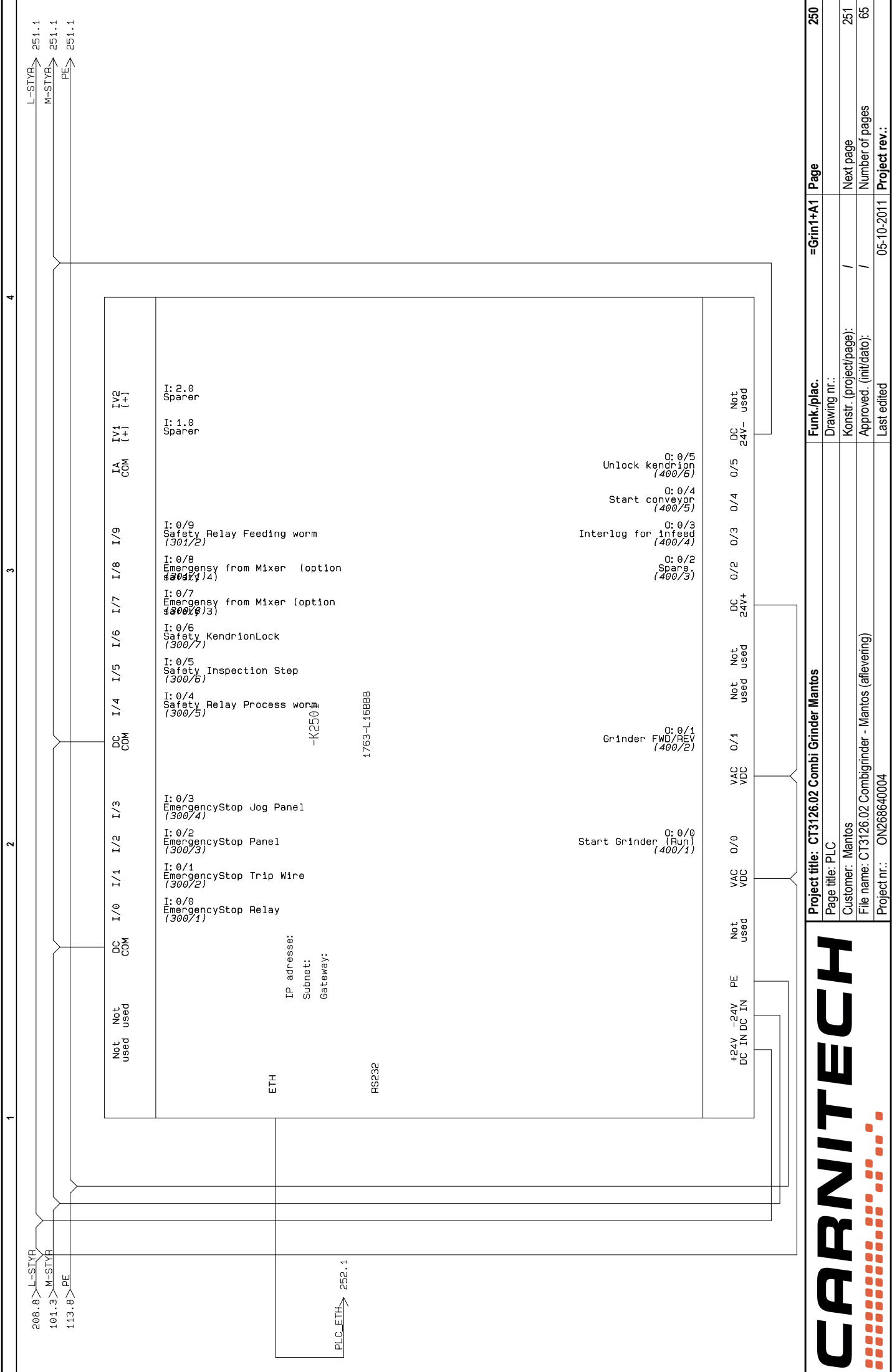
Stop Feeding worm

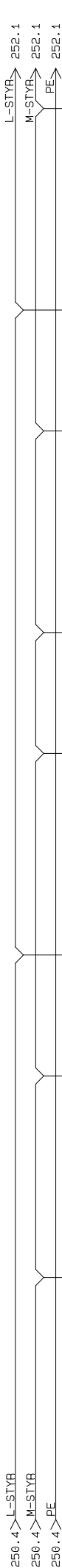
Stop grinder

Lock front lid



PLC reference





-K2511	-K2512	-K2513	-K2514	
DC COM 0 (IN0==>IN7)	+VDC	DC COM 0 (IN0==>IN7)	DC COM 0 (IN8==>IN15)	+VDC
IN0 Line Signal Ok To Start Emergency Stop I: 1/0 (302/1)	OUT0 Start Feeding Worm FWD (401/1)	IN0 Start Giraf (304/1)	OUT0 Giraf Horizontal (403/1)	O: 4/0 (403/1)
IN1 Start Grinder I: 1/1 (302/2)	OUT1 Start Feeding Worm REV (401/2)	IN1 Stop Giraf (304/2)	OUT1 Giraf (403/2)	O: 4/1 (403/2)
IN2 Still Grinder I: 1/2 (302/3)	OUT2 Stop Feeding Worm (401/3)	IN2 Start Power Circuit Giraf (304/3)	OUT2 Giraf (403/3)	O: 4/2 (403/3)
IN3 Reverse Grinder I: 1/3 (302/4)	OUT3 Spare. (401/4)	IN3 Safety relay Giraf (304/4)	OUT3 Lamp Giraf Safety fault (403/4)	O: 4/3 (403/4)
IN4 Reset I: 1/4 (302/5)	OUT4 Reset Emergencystop/Fault (401/5)	IN4 Safety Giraf Vertical Lid (304/5)	OUT4 Valve Chute (403/5)	O: 4/4 (403/5)
IN5 Man/Auto I: 1/5 (302/6)	OUT5 Line Signal Grinder Running (401/6)	IN5 Safety Giraf (304/6)	OUT5 Line Signal Chute Open (403/6)	O: 4/5 (403/6)
IN6 Jog Feeding worm I: 1/6 (302/7)	OUT6 Lamp Reset Fault (401/7)	IN6 Safety Giraf In place 1 (304/7)	OUT6 (403/7)	O: 4/6 (403/7)
IN7 Spare I: 1/7 (302/8)	OUT7 Lamp Safety Fault (401/8)	IN7 Safety Giraf In place 2 (304/8)	OUT7 (403/8)	O: 4/7 (403/8)
IN8 Stand Still Relay I: 1/8 (303/1)	OUT8 Lamp Grinder Running (402/1)	IN8 Chute On/Off (305/1)	OUT8 (404/1)	O: 4/8 (404/1)
IN9 Metal detector I: 1/9 (303/2)	OUT9 Spare (402/2)	IN9 Chute Open (305/2)	OUT9 Spare. (404/2)	O: 4/9 (404/2)
IN10 Fault power I: 1/10 (303/3)	OUT10 Spare. (402/3)	IN10 Chute Closed (305/3)	OUT10 Spare. (404/3)	O: 4/10 (404/3)
IN11 Sensor Boneseparator Open I: 1/11 (303/4)	OUT11 Spare (402/4)	IN11 Line Signal Toplid Open Mixer (305/4)	OUT11 Spare. (404/4)	O: 4/11 (404/4)
IN12 Sensor Boneseparator Closed I: 1/12 (303/5)	OUT12 Spare. (402/5)	IN12 (305/5)	OUT12 Spare. (404/5)	O: 4/12 (404/5)
IN13 Sensor Frontlid closed I: 1/13 (303/6)	OUT13 Spare (402/6)	IN13 (305/6)	OUT13 Spare. (404/6)	O: 4/13 (404/6)
IN14 Fault Power Circuit Grinder I: 1/14 (303/7)	OUT14 Valve Boneseparator Open (402/7)	IN14 Start conveyor (305/7)	OUT14 Spare. (404/7)	O: 4/14 (404/7)
IN15 Fault Power Circuit Process I: 1/15 (303/8)	OUT15 Valve Boneseparator Airshot (402/8)	IN15 Stop Conveyor (305/8)	OUT15 Spare. (404/8)	O: 4/15 (404/8)
1762-IQ16	1762-OB16	1762-IQ16	1762-OB16	1762-OB16

252.8

L-STYR

300.1

252.8

M-STYR

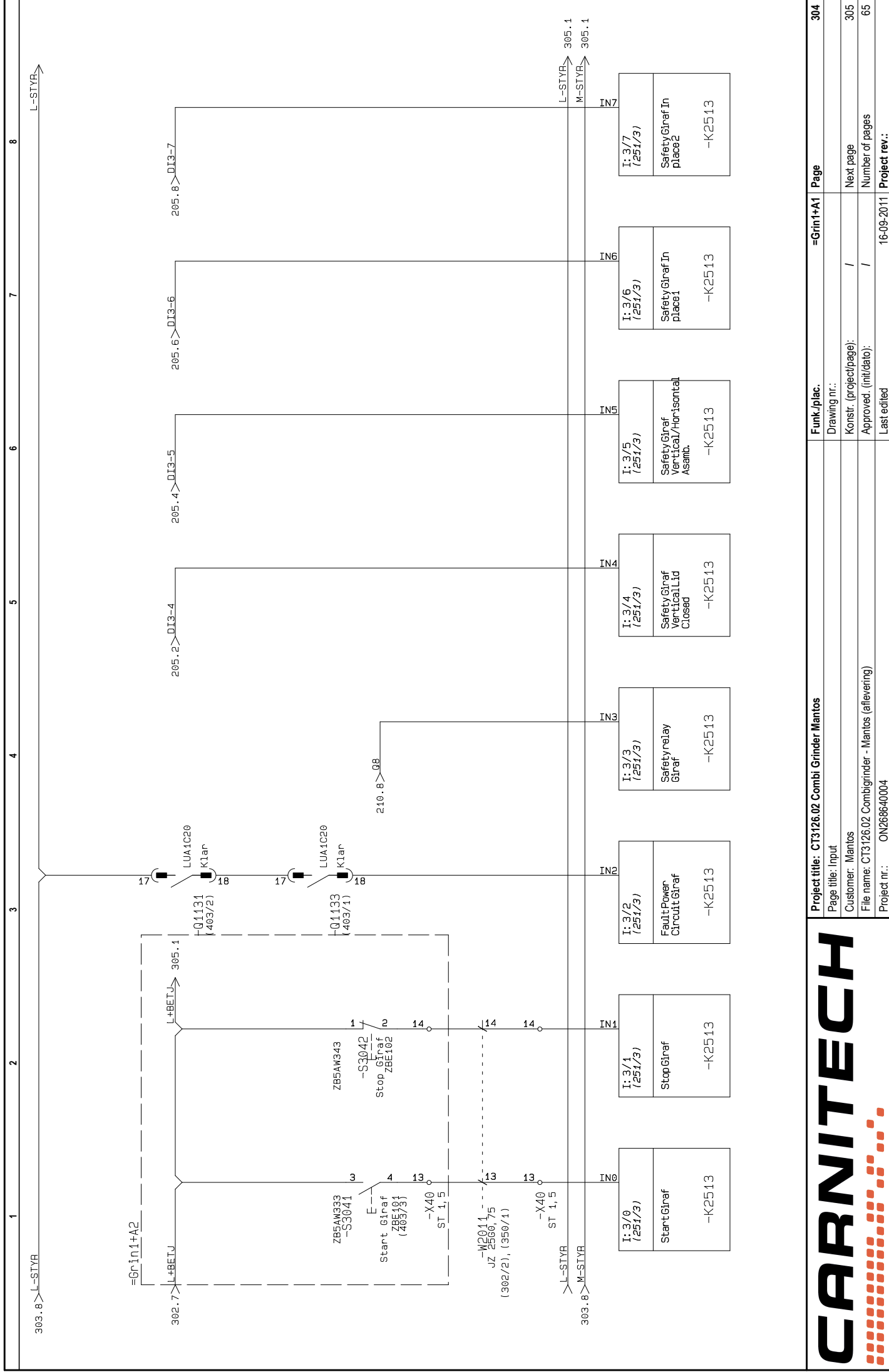
300.1

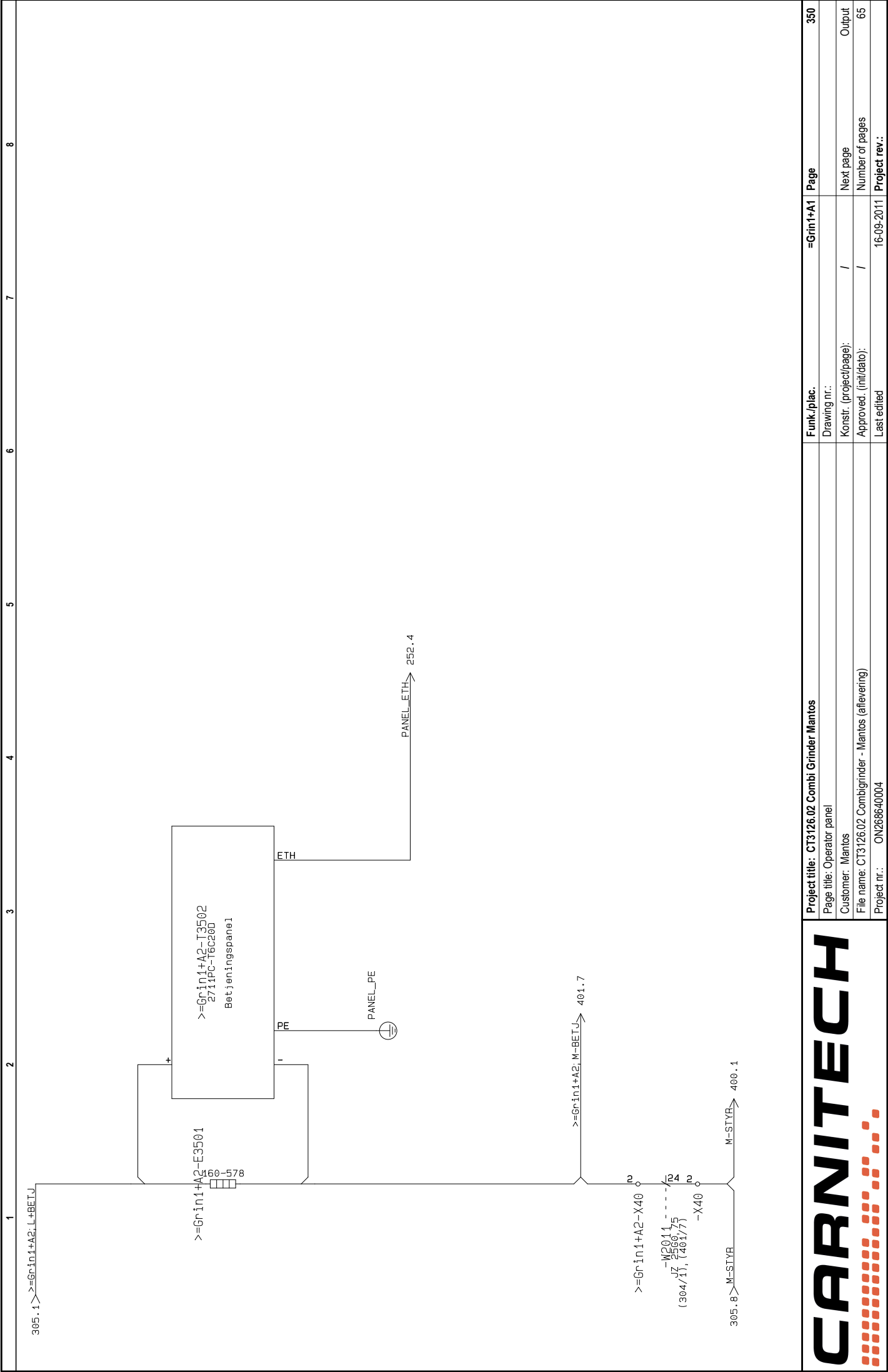
X1	ETH	-A2526 (252/6)
X2	ETH	-A2526 (252/6)
X3	ETH	-A2526 (252/6)
X4	ETH	-A2526 (252/6)
X5	ETH	-A2526 (252/6)
X6	ETH	-A2526 (252/6)
X7	ETH	-A2526 (252/6)
X8	ETH	-A2526 (252/6)



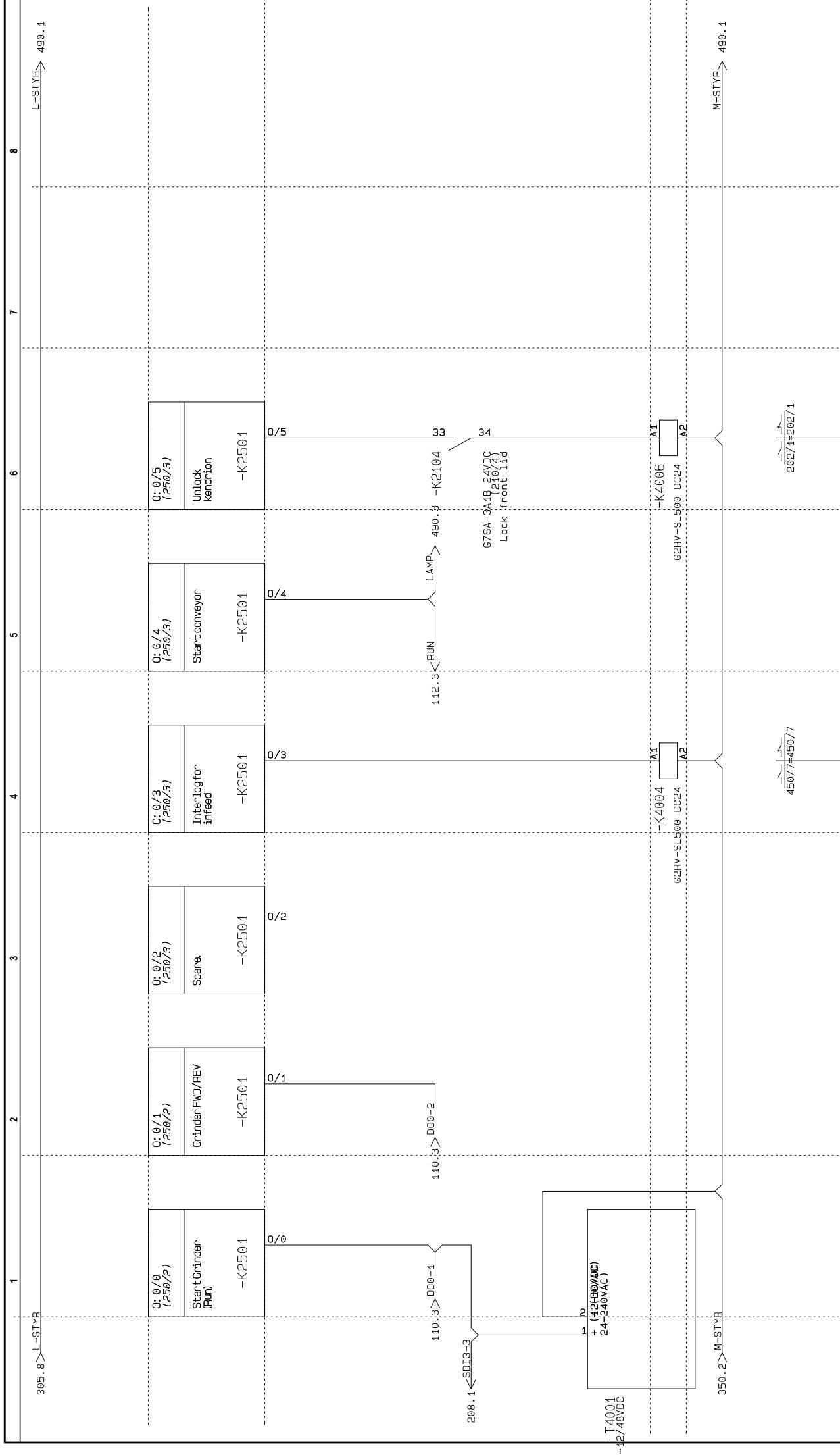
Project title: CT3126.02 Combi Grinder Mantos			Funk./plac.	=Gtin1+A1	Page	253
Page title:			Drawing nuber	102751		
Customer: Mantos			Constr. (project/page):	/	Next page	253
File name: CT3126.02 Combigrinder - Mantos (afterlevering)			Approved (ini/date):	/	Number of pages	65
Project number:ON268640004			Last edited	26-09-2011	Project rev.:	

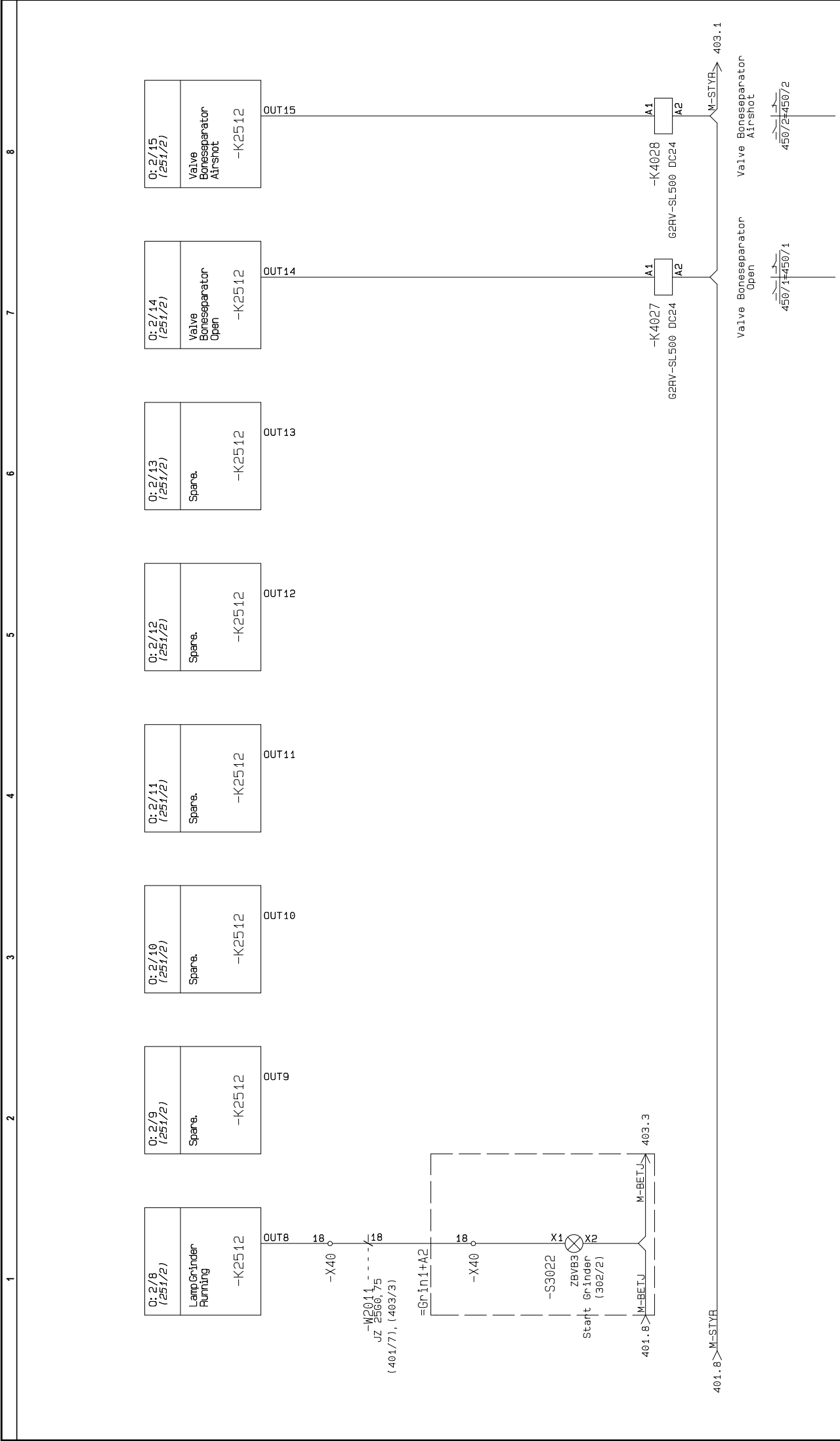
Input





Output





CARNITECH		Project title: CT3126.02 Combi Grinder Mantos		Funk./plac.	=Gin1+A1	Page	402
Page title: Output				Drawing nr.:			
Customer: Mantos				Konstr. (project/page):	/	Next page	403
File name: CT3126.02 Combigrinder - Mantos (afterlevering)				Approved. (init/date):	/	Number of pages	65
Project nr.: ON268640004				Last edited	16-09-2011	Project rev.:	

Div.

Analouge input

[illegible]

Part list

Pos. Komponent Varenr. Type Fabrikat Forhandler Beskrivelse Placering					
1	-K				490/6
2	-K2081	102100	FX3-XTIO84002	Sick	Flexi soft I/O modul 8in/4out
3	-A0	103499	CS10256	Fibox	Skruer til PCx8x8 kasser
4	-A0	103499	CS10256	---	Skruer til PCx8x8 kasser
5	-A0	103499	CS10256	---	Skruer til PCx8x8 kasser
6	-A0	103499	CS10256	---	Skruer til PCx8x8 kasser
7	-A0	103499	CS10256	---	Skruer til PCx8x8 kasser
8	-A0	103499	CS10256	---	Skruer til PCx8x8 kasser
9	-A0	102639	EKT30-G	---	Låg EKT30-G grå 560X280
10	-A0	102638	PC5628	---	Kassebund PC5628 560X280X100
11	-A1	100057	1114.500	Rittal Sønderborg	Rittal kompakttavle AE lakeret 1000x1400x300
12	-A10	102681	ABSH95G 170X140X95	Fibox	Kasse/samlebox 170X140X95mm incl. skruer og dæksel
13	-A1022	100821	CP7702-1400-0030	CarnitBeckhoff	15-inch TFT display, 1024 x 768 With Touchscreen
14	-A2521	60377	SFN 5TX	PHOENIX CONTACT A/SPHOENIX CONTACT A/S	Ethernet switch 5 port 10/100mBit
15	-A2526	100128	CU2008	Beckhoff	Beckhoff_8-port Ethernet Switch
16	-A2528				252/8
17	-B2021	03595	LLV050058	Kendrian	Locking solenoid 24vdc (73010055)
18	-B2021	101190	RSg6	---	7-Polet connector plug til vare 60363 (73010056)
19	-B2041	102670	IME08-1B5PSZT0S	Sick	Induktiv føler 8mm, med M8 stik, 10-30V, 1,5-4mm
20	-B2042	102670	IME08-1B5PSZT0S	---	Induktiv føler 8mm, med M8 stik, 10-30V, 1,5-4mm
21	-B2045	60391	F3S-TGR-NMPC-21-10	Omron	Kompakt magnetisk sikkerhedsswitch 10m
22	-B2051	101113	F3S-TGR-NMPC-21-M1J8-		Sikkerhedsswitch med stik for kabel 20M
23	-B2051	101114	F39-TGR-CVL-B-25-R	---	Reciever cable M12 8-pin female connector, schield
24	-B2052	60391	F3S-TGR-NMPC-21-10	---	Kompakt magnetisk sikkerhedsswitch 10m
25	-B2055	60391	F3S-TGR-NMPC-21-10	---	Kompakt magnetisk sikkerhedsswitch 10m
26	-B2057	60391	F3S-TGR-NMPC-21-10	---	Kompakt magnetisk sikkerhedsswitch 10m
27	-B3052				205/7
28	-B3053				305/2
					305/3
			Project title: CT3126.02 Combi Grinder Mantos		Funk./plac.
			Page title: Komponentliste		Drawing nr.:
			Customer: Mantos		Konstr. (project/page): /
			File name: CT3126.02 Combigrinder - Mantos (aflevering)		Approved. (init/date): /
			Project nr.: ON268640004		Last edited 06-02-2012
					Project rev.:
					700
					Next page 701
					Number of pages 65



CARNITECH							Funk./plac.	Page	701
Pos.	Komponent	Varenr.	Type	Fabrikat	Forhandler	Beskrivelse	Placering		
29	-F1013	100364	GB2CB14	Telemecanique	Schneider Electric A/S	Automatsikring 1P 8A, Id=108A	101/3		
30	-F1016	100914	ST 4-HESI (5X20)	PHOENIX CONTACT A/S	PHOENIX CONTACT A/S	Sikringsterminal til 5x20mm sikring, 12-30V diode	101/6		
31	-F1021	100530	GB2CB09	Telemecanique	Schneider Electric A/S	Automatsikring 1P 4A, Id=52A	102/1		
32	-F1101	100006	140M-J2E-D25	Rockwell Automation	A/S70110109	Håndbetjent motorværn 250Amp.	110/1		
33	-F1101	100005	140U-HEA1	---	---	Meledekontakt for Håndbetjent motorværn type 140M.*	110/5		
34	-F1101	101138	140U-J-ECM	---	---	Mont. kit for kortslutbesk.	110/1		
35	-F1101	101139	140U-J-TS	---	---	Klemmeafdækning for kortslutningsbesk.	110/1		
36	-F1101	101139	140U-J-TS	---	---	Klemmeafdækning for kortslutningsbesk.			
37	-F1111	60354	140M-C-AFA11	---	---	Meledekontakt 1NO + 1NC (til 140M*)	111/5		
38	-F1111	100172	140M-F8E-C45	---	---	Håndbetjent motorværn 45Amp.	111/1		
39	-F1121	100165	140M-C2E-B40	---	---	Håndbetjent motorværn 04Amp.	112/1		
40	-F1121	60354	140M-C-AFA11	---	---	Meledekontakt 1NO + 1NC (til 140M*)	112/5		
41	-F2001	100530	GB2CB09	Telemecanique	Schneider Electric A/S	Automatsikring 1P 4A, Id=52A	200/1		
42	-F3021	100914	ST 4-HESI (5X20)	PHOENIX CONTACT A/S	PHOENIX CONTACT A/S	Sikringsterminal til 5x20mm sikring, 12-30V diode	302/1		
43	-F4501	100914	ST 4-HESI (5X20)	---	---	Sikringsterminal til 5x20mm sikring, 12-30V diode	450/1		
44	-FL	102619	FB50736	Cubic	Lemwigh Müller	Cu-flex skinne FB50736	110/1		
45	-K						302/1		
46	-K1017	101901	NSYCCOTH0	Schneider Electric A/S		Thermostat til DIN montering 0-60°C	101/7		
47	-K1018	100490	G2RV-SL500 DC24	Omron		Relay & socket, 6A contacts, push in terminals, 24	101/8		
48	-K1116	100007	20A-DG01	Rockwell Automation	A/S70110109	PF 70 Frekvensomformer Safe-Off Interface	111/6		
49	-K1127	100007	20A-DG01	---	---	PF 70 Frekvensomformer Safe-Off Interface	112/7		
50	-K1137	100199	LC1D32BD	Telemecanique	Schneider Electric A/S	Kontaktor 32A 3P+1NO+1NC, Uc 24V DC	113/7		
51	-K2002	102098	FX3-CPU000000	Sick		Flexi Soft controller uden EFI	50/3		
52	-K2002	102099	FX3-MPL000001	---		Flexi Soft memory plug			
53	-K2011	102100	FX3-XTIO84002	---		Flexi soft I/O modul 8n/4out	50/3		
54	-K2041	102100	FX3-XTIO84002	---		Flexi soft I/O modul 8n/4out	50/3		
55	-K2101	100195	G7SA-3A1B 24VDC	Omron		Smal Sikkerhedsrelæ efter EN50205 4-polet	210/1		
56	-K2101	100193	P7SA-10F-ND 24VDC	---		Sokkel til sikkerhedsrelæ 4-polet			
Project title: CT3126.02 Combi Grinder Mantos							Funk./plac.	Page	701
Page title: Komponentliste							Drawing nr.:		
Customer: Mantos							Konstr. (project/page):	/	Next page
File name: CT3126.02 Combigrinder - Mantos (aflevering)							Approved. (init/dato):	/	Number of pages
Project nr.: ON268640004							Last edited	06-02-2012	Project rev.:

CARNITECH

Pos.	Komponent	Varenr.	Type	Fabrikat	Forhandler	Beskrivelse	Placering
57	-K2102	100195	G7SA-3A1B 24VDC	Omnron		Smal Sikkerhedsrelæ efter EN50205 4-polet	210/2
58	-K2102	100193	P7SA-10F-ND 24VDC	---		Sokkel til sikkerhedsrelæ 4-polet	
59	-K2103	100195	G7SA-3A1B 24VDC	---		Smal Sikkerhedsrelæ efter EN50205 4-polet	210/3
60	-K2103	100193	P7SA-10F-ND 24VDC	---		Sokkel til sikkerhedsrelæ 4-polet	
61	-K2104	100195	G7SA-3A1B 24VDC	---		Smal Sikkerhedsrelæ efter EN50205 4-polet	210/4
62	-K2104	100193	P7SA-10F-ND 24VDC	---		Sokkel til sikkerhedsrelæ 4-polet	
63	-K2501	60355	1763-L16BBB	Rockwell Automation A/S	70110109	MicroLogic 1100 CPU	250/1
64	-K2511	60357	1762-IQ16	---	---	MicroLogix Inputmodul 16 Indput	251/1
65	-K2512	60358	1762-OB16	---	---	MicroLogix Outputmodul 16 Udgange	251/2
66	-K2513	60357	1762-IQ16	---	---	MicroLogix Inputmodul 16 Indput	251/3
67	-K2514	60358	1762-OB16	---	---	MicroLogix Outputmodul 16 Udgange	251/4
68	-K4004	100490	G2RV-SL500 DC24	Omnron		Relay & socket, 6A contacts, push in terminals, 24	400/4
69	-K4006	100490	G2RV-SL500 DC24	---		Relay & socket, 6A contacts, push in terminals, 24	400/6
70	-K4015	100091	G2R-2-SN24DC	---		Relæ 2 polet 5A med LED	401/5
71	-K4015	100092	P2RF-08S	---		DIN-skinne sokkel for G2R-2-S, lysegrå	
72	-K4016	100091	G2R-2-SN24DC	---		Relæ 2 polet 5A med LED	401/6
73	-K4016	100092	P2RF-08S	---		DIN-skinne sokkel for G2R-2-S, lysegrå	
74	-K4027	100490	G2RV-SL500 DC24	---		Relay & socket, 6A contacts, push in terminals, 24	402/7
75	-K4028	100490	G2RV-SL500 DC24	---		Relay & socket, 6A contacts, push in terminals, 24	402/8
76	-K4035	100490	G2RV-SL500 DC24	---		Relay & socket, 6A contacts, push in terminals, 24	403/5
77	-K4036	100490	G2RV-SL500 DC24	---		Relay & socket, 6A contacts, push in terminals, 24	403/6
78	-K4902	100195	G7SA-3A1B 24VDC	---		Smal Sikkerhedsrelæ efter EN50205 4-polet	490/2
79	-K4902	100193	P7SA-10F-ND 24VDC	---		Sokkel til sikkerhedsrelæ 4-polet	
80	-K5515	100091	G2R-2-SN24DC	---		Relæ 2 polet 5A med LED	50/2
81	-K5515	100092	P2RF-08S	---		DIN-skinne sokkel for G2R-2-S, lysegrå	
82	-M1101		90kW				110/1
83	-M1111		15kW				111/1
84	-M1121		0,75kw				112/1

Project title: CT3126.02 Combi Grinder Mantos

Page title: Komponentliste
Customer: Mantos
File name: CT3126.02 Combigrinder - Mantos (aflevering)
Project nr.: ON268640004

Funk.plac.
Drawing nr.:
Konstr. (project/page): /
Approved. (init/date):
Last edited

702

Next page
Number of pages 65
Project rev.: 06-02-2012

CARNITECH

Pos.	Komponent	Varenr.	Type	Fabrikat	Forhandler	Beskrivelse	Placering
85	-M1131		5,5kW				113/1
86	-M1133		2,2kW				113/3
87	-PE-SKINNE1	100451	0280300000	Weidmüller	Jordlederskinne esch 28030		100/7
88	-PE-SKINNEH1	100452	0299860000	---	Skinholder SH 1 29986		100/7
89	-PE-SKINNES1	100454	0280100000	---	Spændstykke DS 28010		
90	-PE-SKINNES1	100453	0296700000	---	Skrue BS M 5X8 29670		100/7
91	-Q1011	100376	24982	Schneider Electric A/S	Schneider Electric C60H 2P C2		101/1
92	-Q1026	100008	20-COMM-E	Rockwell Automation A/S	PF Kommunikationskort for EtherNet/IP		252/4
93	-Q1026	100018	20AC037A0AYNANC0	---	PF 70 AC Frekvensomf. 400 VAC, 3 PH, 37A		111/1
94	-Q1106	100664	20-750-20COMM	---	PF753 Adapter card for Ethernet		110/1
95	-Q1106	101136	20-750-FLNG4-F6	---	Flange adapter frame 6		110/1
96	-Q1106	101137	20-750-PTG1-F6	---	Term guard frame 7		110/1
97	-Q1106	100663	20-750-S	---	PF 750 Safe-off modul		110/6
98	-Q1106	100008	20-COMM-E	---	PF Kommunikationskort for EtherNet/IP		252/3
99	-Q1106	101135	20-HIM-A6	---	Beljeningsmodul		110/1
100	-Q1106	100662	20F1ANC205JONNNNN--	---	PF753 110kW 3x400V inkl. EMC filter		110/1
101	-Q1121	103418	22-HIM-A3	---	Beljeningspanel til PF40P frekvensomformer		112/1
102	-Q1121	100030	22-RF012-B5	---	PF EMC filter frame B 12A max 10m kabel		112/1
103	-Q1121	100023	22D-D2P3N104	---	PF40P 0,75kW 3x400V ekskl. EMC filter		112/1
104	-Q1121	104442	AK-U0-RJ45-TB2P	---	PowerFlex 4-Class DSI RJ45 Terminal Blocks		
105	-Q1121	104418	KLBU 4-13.5 SC	Weidmüller	Kabelbjørle 360° til mont på bundplade		211/1
106	-Q1130	100199	LC1D32BD	Telemecanique	Kontaktor 32A 3P+1NO+1NC; Uc 24V DC		
107	-Q1131	100088	LUA1C20	---	Signalkontaktblok 1NO (fejll) + 1NO (klar)		113/2
108	-Q1131	100082	LUB32	---	Grundmodul 32A 3P+1NO+1NC		403/2
109	-Q1131	100087	LUCA18BL	---	Overstrømsmodul S3P10 4,5-18A Uc 24VDC		113/1
110	-Q1131/1	102136	RLT16/3PM-D1/Z33S	Sontheimer	Reperationsafbryder 3P 16A		113/1
111	-Q1133	100088	LUA1C20	Telemecanique	Signalkontaktblok 1NO (fejll) + 1NO (klar)		113/4
112	-Q1133	100081	LUB12	---	Grundmodul 12A 3P+1NO+1NC		403/1

Project title: CT3126.02 Combi Grinder Mantos

Drawing nr.: /

Konstr. (project/page): /

Approved. (init/date): /

Last edited

Funk./plac.

Page

703

Pos.	Komponent	Varenr.	Type	Fabrikat	Forhandler	Beskrivelse	Placering
113	-Q1133	100086	LUCA12BL	Telemecanique	Schneider Electric A/S	Overstrømsmodul S3P10 3-12A Uc 24VDC	113/3
114	-Q1133/1	102136	RLT16/3PM-D1/Z33S	Sontheimer		Reperationsafbryder 3P 16A	113/3
115	-Q1137	100187	24999	Schneider Electric A/S	Schneider Electric A/S	Automatsikring C60H C 10A 3P	113/7
116	-R1113	100557	MRA02073K32BTA015	Arcoel	RS komponents	Modstand 3,32kohm, 0,25w	111/3
117	-S1001	102131	HLT250/3E/Z1/33	Sontheimer	Desim Elektronik A/S	Forsyningsadskiller 250A	100/1
118	-S1001	101260	PE250E	---	---	PE skinne til forsyningsadskiller 250A og 180A	100/1
119	-S2015	0_Liste_1	Liste			Partliste til Nødstoptryk uden hus	201/5
120	-S2015	301803	ZB5AS844	Telemecanique	Schneider Electric A/S	Sikkerhedsnødstoptryk Ø40, tryk-drej	
121	-S2015	100077	ZB5AZ009	---	---	Krop til ZBE elementer + ZBV blokke	
122	-S2015	100075	ZBE101	---	---	KONTAKTELEMENT 1 SLUTTE	
123	-S2015	100076	ZBE102	---	---	KONTAKTELEMENT 1 BRYDE	
124	-S2015	100076	ZBE102	---	---	KONTAKTELEMENT 1 BRYDE	
125	-S2015	101341	ZBY9101	---	---	Skilt Ø60 gul uden tekst	201/5
126	-S2017	0_Liste_1	Liste			Partliste til Nødstoptryk uden hus	201/7
127	-S2017	301803	ZB5AS844	Telemecanique	Schneider Electric A/S	Sikkerhedsnødstoptryk Ø40, tryk-drej	
128	-S2017	100077	ZB5AZ009	---	---	Krop til ZBE elementer + ZBV blokke	
129	-S2017	100075	ZBE101	---	---	KONTAKTELEMENT 1 SLUTTE	
130	-S2017	100076	ZBE102	---	---	KONTAKTELEMENT 1 BRYDE	
131	-S2017	100076	ZBE102	---	---	KONTAKTELEMENT 1 BRYDE	
132	-S2017	101341	ZBY9101	---	---	Skilt Ø60 gul uden tekst	201/7
133	-S2031	0_Liste_1	Liste			Partliste til Nødstoptryk uden hus	203/1
134	-S2031	301803	ZB5AS844	Telemecanique	Schneider Electric A/S	Sikkerhedsnødstoptryk Ø40, tryk-drej	
135	-S2031	100077	ZB5AZ009	---	---	Krop til ZBE elementer + ZBV blokke	
136	-S2031	100075	ZBE101	---	---	KONTAKTELEMENT 1 SLUTTE	
137	-S2031	100076	ZBE102	---	---	KONTAKTELEMENT 1 BRYDE	
138	-S2031	100076	ZBE102	---	---	KONTAKTELEMENT 1 BRYDE	
139	-SUPPLY1001						100/1
140	-T1011	100556	ABL8RPS24100	Telemecanique	Schneider Electric A/S	Strømforsyning SMPS, Pri:100-500V Sek:24VDC 10A	101/1

CARNITECH

Project title: CT3126.02 Combi Grinder Mantos

Page title: Komponentliste

Customer: Mantos

File name: CT3126.02 Combigrinder - Mantos (aflevering)

Project nr.: ON268640004

Funk./plac.

Page

704

Drawing nr.:

Konstr. (project/page):

Approved. (init/date):

Last edited

Next page

Number of pages

Project rev.:

705

65

Pos.	Komponent	Varenr.	Type	Fabrikat	Forhandler	Beskrivelse	Placering
141	-T1016	100677	NSYCAG223LPF	Schneider Electric A/S	Schneider Electric A/S	Rist 223x223 RAL7035	101/5
142	-T1016	100676	NSYCVF165M24DPF	---	---	Ventilator m/filter 165m³/t 24VDC	101/6
143	-T4001	100210	E233-12/48VDC	ABB		Digital linetæller (1 tæller, u. reset)	400/1
144	-W1001						100/1
145	-W1021	101280	JZ 3G0,75		Lemwigh Müller	STYREKABEL JZ 3G0,75 U/SK.	102/1
146	-W1025	101280	JZ 3G0,75		---	STYREKABEL JZ 3G0,75 U/SK.	102/5
147	-W1101	100434	CY-JB TR. 4G95,0		33141414	STYREK CY-JB TR. 4G95,0 SK. T-500	110/1
148	-W1102	100416	OZ 2X0,75		---	STYREKABEL OZ 2X0,75 U/SK. T-500	110/2
149	-W1111	100427	CY-JZ TR. 4G6		---	STYREK CY-JZ TR. 4G6 SK. T-500	111/1
150	-W1112	100423	JZ 25G0,75		---	STYREKABEL JZ 25G0,75 U/SK.AFM.	111/2
151	-W1121	100424	CY-JZ 4G1,5		---	STYREK CY-JZ TR. 4G1,5 SK. T-500	112/1
152	-W1126	100416	OZ 2X0,75		---	STYREKABEL OZ 2X0,75 U/SK. T-500	112/6
153	-W1131	101299	JZ 4G 1,5		Lemwigh Müller	STYREKABEL JZ 4G 1,5 U/SK.	113/1
154	-W1133	101299	JZ 4G 1,5		---	STYREKABEL JZ 4G 1,5 U/SK.	113/3
155	-W2011	100423	JZ 25G0,75		33141414	STYREKABEL JZ 25G0,75 U/SK.AFM.	201/1
156	-W2013	100419	JZ 7G0,75		---	STYREKABEL JZ 7G0,75 U/SK.	201/3
157	-W2015	100419	JZ 7G0,75		---	STYREKABEL JZ 7G0,75 U/SK.	201/5
158	-W2021	100419	JZ 7G0,75		---	STYREKABEL JZ 7G0,75 U/SK.	202/1
159	-W2025	100421	JZ 10G0,75		---	STYREKABEL JZ 12G0,75 U/SK. T-500	201/7
160	-W2031	100419	JZ 7G0,75		---	STYREKABEL JZ 7G0,75 U/SK.	203/1
161	-W2035	100419	JZ 7G0,75		---	STYREKABEL JZ 7G0,75 U/SK.	203/5
162	-W2041	102690	DOL-0803-W05M	Sick		Sick følerkabel 5m M8 stik VINKLET 3 leder	204/1
163	-W2042	102690	DOL-0803-W05M	---		Sick følerkabel 5m M8 stik VINKLET 3 leder	204/2
164	-W2045	100419	JZ 7G0,75		33141414	STYREKABEL JZ 7G0,75 U/SK.	204/5
165	-W2051	101114	F39-TGR-CVL-B-25-R	Omron		Reciever cable M12 8-pin female connector, schield	205/1
166	-W2053	100420	JZ 10G0,75		33141414	STYREKABEL JZ 10G0,75 U/SK. T-500	205/3
167	-W2053/1	100420	JZ 10G0,75		---	STYREKABEL JZ 10G0,75 U/SK. T-500	205/3
168	-W2055	100420	JZ 10G0,75		---	STYREKABEL JZ 10G0,75 U/SK. T-500	205/5

CARNITECH

Project title: CT3126.02 Combi Grinder Mantos			Funk./plac.	Page	705
Page title: Komponentliste			Drawing nr.:		
Customer: Mantos			Konstr. (project/page):	/	Next page 706
File name: CT3126.02 Combigrinder - Mantos (aflevering)			Approved. (init/date):	/	Number of pages 65
Project nr.:			Last edited	06-02-2012	Project rev.:

CARNITECH							Project title: CT3126.02 Combi Grinder Mantos			Funk./plac.		Page		706	
Pos.	Komponent	Varenr.	Type	Fabrikat	Forhandler	Beskrivelse						Drawing nr.:			
169	-W2057	100420	JZ 10G0,75		33141414	STYREKABEL JZ 10G0,75 U/SK.T-500						Konstr. (project/page):		Next page	
170	-W3021	100418	JZ 5G0,75		---	STYREKABEL JZ 5G0,75 U/SK.						Approved. (init/date):		Number of pages	
171	-W3052											Last edited		06-02-2012	
172	-W4501													Project rev.:	
173	-W4502														
174	-W4503														
175	-W4504														
176	-W4901	100419	JZ 7G0,75		33141414	STYREKABEL JZ 7G0,75 U/SK.									
177	-W4906	100419	JZ 7G0,75		---	STYREKABEL JZ 7G0,75 U/SK.									
178	-X6	100909	ST 1,5	PHOENIX CONTACT A/S	PHOENIX CONTACT A/S	Fjederkraftklemme									
179	-X6	101229	ST 2,5	---	---	Fjederkraftklemme 2,5mm²									
180	-X6	101231	ST 2,5-PE	---	---	Fjederkraft-jordklemme, 2,5mm² grøn/gul									
181	-X7	101229	ST 2,5	---	---	Fjederkraftklemme 2,5mm²									
182	-X7	101231	ST 2,5-PE	---	---	Fjederkraft-jordklemme, 2,5mm² grøn/gul									
183	-X8	100909	ST 1,5	---	---	Fjederkraftklemme									
184	-X10	100909	ST 1,5	---	---	Fjederkraftklemme									
185	-X11	100909	ST 1,5	---	---	Fjederkraftklemme									
186	-X13	100909	ST 1,5	---	---	Fjederkraftklemme									
187	-X14	100909	ST 1,5	---	---	Fjederkraftklemme									
188	-X15	100909	ST 1,5	---	---	Fjederkraftklemme									
189	-X16	101229	ST 2,5	---	---	Fjederkraftklemme 2,5mm²									
190	-X16	101231	ST 2,5-PE	---	---	Fjederkraft-jordklemme, 2,5mm² grøn/gul									
191	-X21	100909	ST 1,5	---	---	Fjederkraftklemme									
192	-X22	100909	ST 1,5	---	---	Fjederkraftklemme									
193	-X23	100909	ST 1,5	---	---	Fjederkraftklemme									
194	-X24	100909	ST 1,5	---	---	Fjederkraftklemme									
195	-X24	100912	ST 1,5-PE	---	---	Fjederkraft-jordklemme, grøn/gul									
196	-X30	100909	ST 1,5	---	---	Fjederkraftklemme									

Pos. Komponent Varenr. Type Fabrikat Forhandler Beskrivelse Placering					
197	-X31	100909	ST 1,5	PHOENIX CONTACT A/SPHOENIX CONTACT A/S	Fjederkraftklemme 203/5
198	-X32	100909	ST 1,5	----	Fjederkraftklemme 204/1
199	-X33	100909	ST 1,5	----	Fjederkraftklemme 204/5
200	-X34	100909	ST 1,5	----	Fjederkraftklemme 205/1
201	-X35	100909	ST 1,5	----	Fjederkraftklemme 205/3
202	-X35	100912	ST 1,5-PE	----	Fjederkraft-jordklemme, grøn/gul 205/8
203	-X40	100909	ST 1,5	----	Fjederkraftklemme 201/1
204	-X40	100914	ST 4+HESI (5X20)	----	Sikringsterminal til 5x20mm sikring, 12-30V diode 302/2
205	-X41	100909	ST 1,5	----	Fjederkraftklemme 302/1
206	-X42	100909	ST 1,5	----	Fjederkraftklemme 305/4
207	-X42	100914	ST 4+HESI (5X20)	----	Sikringsterminal til 5x20mm sikring, 12-30V diode 305/4
208	-X44	100909	ST 1,5	----	Fjederkraftklemme 303/4
209	-X45	100909	ST 1,5	----	Fjederkraftklemme 303/5
210	-X46	100909	ST 1,5	----	Fjederkraftklemme 303/6
211	-X47	100909	ST 1,5	----	Fjederkraftklemme 305/2
212	-X48	100909	ST 1,5	----	Fjederkraftklemme 305/3
213	-X55	100909	ST 1,5	----	Fjederkraftklemme 450/5
214	-X56	100909	ST 1,5	----	Fjederkraftklemme 450/6
215	-X70	100909	ST 1,5	----	Fjederkraftklemme 450/2
216	-X86	100909	ST 1,5	----	Fjederkraftklemme 490/1
217	-X86	100912	ST 1,5-PE	----	Fjederkraft-jordklemme, grøn/gul 490/4
218	-X87	100909	ST 1,5	----	Fjederkraftklemme 490/6
219	-X99				113/3
220	-X99	102720	HDC 16B DODQ 4BO - 106558610000	Dæksel u.pakning f.str. 16B f.2 bøjler	113/4
221	-X99	102721	HDC 16B SBU 1M25G - 4899980000	Sokkelhus str.6 f. 1xM25 m.2 bøjler	113/4
222	-X99	102724	HDC 16B TSBU 1M25G -4788180000	Kabelhus str.6 f. 1xM25 side f.2 bøjler	113/4
223	-X99	102725	HDC HE 16 FT - 1745780000	Hun-Indsats 16 pol+j f.fjeder-ben	113/4
224	-X99	102722	HDC HE 16 MT - 1745840000	Han-Indsats 16 pol+j f.fjeder-ben	113/4
CARNITECH					
Project title: CT3126.02 Combi Grinder Mantos				Funk./plac.	Page
Page title: Komponentliste				Drawing nr.:	
Customer: Mantos				Konstr. (project/page):	/
File name: CT3126.02 Combigrinder - Mantos (aflevering)				Approved. (init/date):	/
Project nr.: ON268640004				Last edited	06-02-2012
				Project rev.:	
					707
					708
					65

Pos. Komponent Varenr. Type Fabrikat Forhandler Beskrivelse Placering					
225	-Y4501				450/1
226	-Y4502				450/2
227	-Y4503				450/3
228	-Y4504				450/4
229	-A2	324963		CT Designpanel PVP600 31xx 10 huller Combihakker C	50/5
230	-E3501	100394	RS Components	Effektmodstand i alu hus. 15w 68 ohm	350/1
231	-E3501	100393	---	KØLEPLADE 1.5KW	
232	-S2011	0_Liste_1	Liste	Partliste til Nødstopstryk uden hus	201/1
233	-S2011	301803	ZB5AS844	Telemecanique	
234	-S2011	100077	ZB5AZ009	---	
235	-S2011	100075	ZBE101	---	
236	-S2011	100076	ZBE102	---	
237	-S2011	100076	ZBE102	---	
238	-S2011	101341	ZBY9101	---	201/1
239	-S3022	100071	ZB5AW333	---	302/2
240	-S3022	100077	ZB5AZ009	---	302/2
241	-S3022	100075	ZBE101	---	302/2
242	-S3022	103712	ZBPA	---	
243	-S3022	101374	ZBV/B3	Schneider Electric A/S	402/1
244	-S3023	100072	ZB5AW343	---	302/3
245	-S3023	100077	ZB5AZ009	---	302/3
246	-S3023	100076	ZBE102	---	302/3
247	-S3023	103712	ZBPA	---	
248	-S3024	100070	ZB5AA18	Schneider Electric A/S	302/4
249	-S3024	100077	ZB5AZ009	---	302/4
250	-S3024	100075	ZBE101	---	302/4
251	-S3024	103712	ZBPA	---	
252	-S3025	100073	ZB5AW353	Schneider Electric A/S	302/5
			Project title: CT3126.02 Combi Grinder Mantos		
			Funk./plac.		
			Drawing nr.:		
			Konstr. (project/page): /		
			Approved. (init/date): /		
			Last edited		
			06-02-2012		
			Project rev.:		
			708		
			Next page		
			709		
			Number of pages		
			65		

CARNITECH							Project title: CT3126.02 Combi Grinder Mantos		Funk./plac.	Page	709
							Page title: Komponentliste				
							Customer: Mantos				
							File name: CT3126.02 Combigrinder - Mantos (aflevering)				
							Project nr.: ON268640004				
Pos.	Komponent	Varenr.	Type	Fabrikat	Forhandler	Beskrivelse	Placering				
253	-S3025	100077	ZB5AZ009	Telemecanique	Schneider Electric A/S	Krop til ZBE elementer + ZBV blokke	302/5				
254	-S3025	100075	ZBE101	---	---	KONTAKTELEMENT 1 SLUTTE	302/5				
255	-S3025	103712	ZBPA	---	---	Slilkonekappe for ZB4BA/ZB5AA plantryk					
256	-S3025	101376	ZBVB5	---	Schneider Electric A/S	Lampeelement m/LED gul 24VAC/DC	401/7				
257	-S3026	100077	ZB5AZ009	---	---	Krop til ZBE elementer + ZBV blokke	302/7				
258	-S3026	100079	ZB5Ad2	---	---	Drejegreb 2 faste stillinger (Kort greb)	302/6				
259	-S3026	100075	ZBE101	---	---	KONTAKTELEMENT 1 SLUTTE	302/6				
260	-S3041	100071	ZB5AW333	---	---	LAMPETRYKSHOVED GRØN PLAN	304/1				
261	-S3041	100077	ZB5AZ009	---	---	Krop til ZBE elementer + ZBV blokke	304/1				
262	-S3041	100075	ZBE101	---	---	KONTAKTELEMENT 1 SLUTTE	304/1				
263	-S3041	103712	ZBPA	---	---	Slilkonekappe for ZB4BA/ZB5AA plantryk					
264	-S3041	101374	ZBVB3	---	Schneider Electric A/S	Lampeelement m/LED grøn 24VAC/DC	403/3				
265	-S3042	100072	ZB5AW343	---	---	LAMPETRYKSHOVED RØD PLAN	304/2				
266	-S3042	100077	ZB5AZ009	---	---	Krop til ZBE elementer + ZBV blokke	304/2				
267	-S3042	100076	ZBE102	---	---	KONTAKTELEMENT 1 BRYDE	304/2				
268	-S3042	103712	ZBPA	---	---	Slilkonekappe for ZB4BA/ZB5AA plantryk					
269	-S3051	100079	ZB5AD2	---	Schneider Electric A/S	Drejegreb 2 faste stillinger (Kort greb)	305/1				
270	-S3051	100077	ZB5AZ009	---	---	Krop til ZBE elementer + ZBV blokke	305/1				
271	-S3051	100075	ZBE101	---	---	KONTAKTELEMENT 1 SLUTTE	305/1				
272	-S4018	100067	ZB5AV043S	---	---	Lampehoved for X'tra LED rød	401/8				
273	-S4018	100077	ZB5AZ009	---	---	Krop til ZBE elementer + ZBV blokke	401/8				
274	-S4018	101375	ZBVB4	---	---	Lampeelement m/LED rød 24VAC/DC	401/8				
275	-T3502	60360	2711PC-T6C20D	Rockwell Automation A/S	70110109	Panelview 600C+ Touchpanel i farver	350/2				
276	-X40	100909	ST 1,5	PHOENIX CONTACT A/S	PHOENIX CONTACT A/S	Fjederkraftlemme	201/1				
277	-A3	315662	XALD02	Telemecanique	Schneider Electric A/S	Trykknapskasse tom med 2 huller Ø22, Grå	203/4				
278	-S2013	0_Liste_1	Liste			Partliste til Nødstoptryk uden hus	201/3				
279	-S2013	315803	XALK01	Telemecanique	Schneider Electric A/S	Nødstopkasse tom med 1hul Ø22, Gul	50/4				
280	-S2013	301803	ZB5AS844	---	---	Sikkerhedsnødstoptryk Ø40, tryk-drej					

CARNITECH							Project title: CT3126.02 Combi Grinder Mantos			Funk./plac.		Page		710	
Pos.	Komponent	Varenr.	Type	Fabrikat	Forhandler	Beskrivelse						Drawing nr.:			
281	-S2013	100077	ZB5AZ009	Telemecanique	Schneider Electric A/S	Krop til ZBE elementer + ZBV blokke						Konstr. (project/page):		/	
282	-S2013	100075	ZBE101	---	---	KONTAKTELEMENT 1 SLUTTE						Approved. (init/date):		/	
283	-S2013	100076	ZBE102	---	---	KONTAKTELEMENT 1 BRYDE						Last edited		06-02-2012	
284	-S2013	100076	ZBE102	---	---	KONTAKTELEMENT 1 BRYDE						Project rev.:			
285	-S2035	100070	ZB5AA18	---	---	TRYKKNAP PLAN HVID FOR SKILT									
286	-S2035	100077	ZB5AZ009	---	---	Krop til ZBE elementer + ZBV blokke									
287	-S2035	100075	ZBE101	---	---	KONTAKTELEMENT 1 SLUTTE									
288	-S2035	103712	ZBPA	---		Silikonelapper for ZB4BA/ZB5AA plantryk									
289	-S2035/1	100680	ZB5AG2	---	Schneider Electric A/S	Nøglegeb 2 faste stillinger									
290	-S2035/1	100077	ZB5AZ009	---	---	Krop til ZBE elementer + ZBV blokke									
291	-S2035/1	100075	ZBE101	---	---	KONTAKTELEMENT 1 SLUTTE									
292	-A4	100391	XALD03	---	---	Trykknapskasse tom med 3 huller Ø22, Grå									
293	-S4901	100072	ZB5AW343	---	---	LAMPETRYKSHOVED RØD PLAN									
294	-S4901	100077	ZB5AZ009	---	---	Krop til ZBE elementer + ZBV blokke									
295	-S4901	100076	ZBE102	---	---	KONTAKTELEMENT 1 BRYDE									
296	-S4901	103712	ZBPA	---		Silikonelapper for ZB4BA/ZB5AA plantryk									
297	-S4902	100071	ZB5AW333	---	Schneider Electric A/S	LAMPETRYKSHOVED GRØN PLAN									
298	-S4902	100077	ZB5AZ009	---	---	Krop til ZBE elementer + ZBV blokke									
299	-S4902	100075	ZBE101	---	---	KONTAKTELEMENT 1 SLUTTE									
300	-S4902	103712	ZBPA	---		Silikonelapper for ZB4BA/ZB5AA plantryk									
301	-S4902	101374	ZBVB3	---	Schneider Electric A/S	Lampeelement m/LED grøn 24VAC/DC									
302	-S4904	100068	ZB5AV053S	---	---	Lampehoved for X'tra LED gul									
303	-S4904	100077	ZB5AZ009	---	---	Krop til ZBE elementer + ZBV blokke									
304	-S4904	101376	ZBVB5	---	---	Lampeelement m/LED gul 24VAC/DC									
305	-X1	100909	ST 1,5	PHOENIX CONTACT A/S/PHOENIX CONTACT A/S		Fjederkraftklemme									
306	-X1	100909	ST 1,5	---	---	Fjederkraftklemme									
307	-X2	100909	ST 1,5	---	---	Fjederkraftklemme									
308	-X3	100909	ST 1,5	---	---	Fjederkraftklemme									



[illegible]

Bill Of Material

Pos. Part number Text				Pos. Part number Text					
Type		Make		Type		Make			
1	100210	Digital timetæller (1 tæller, u. reset)	ABB	22	100912	Fjederkraft-jordklemme, grøn/gul	ST 1,5-PE	3	
				23	100914	Sikringsterminal til 5x20mm sikring, 12-30V diode ST 4-HESI (5X20)	---	5	
2	100557	Modstand 3,32kohm, 0,25w	Arcol	24	101229	Fjederkraftklemme 2,5mm²	ST 2,5	6	
				25	101231	Fjederkraft-jordklemme, 2,5mm² grøn/gul	ST 2,5-PE	3	
3	100128	Beckhoff_8-port Ethernet Switch	Beckhoff						
4	100821	15-inch TFT display, 1024 x 768 With Touchscreen	---	26	100057	Rittal kompakttavle AE lakeret 1000x1400x300	1114.500	Rittal Sønderborg	
5	102619	Cu-flex skinne FB50736	Cubic	27	60354	Meldekontakt 1NO + 1NC (til 140M*)	140M-C-AFA11	Rockwell Automatio	
				28	60355	MicroLogic 1100 CPU	1763-L16BBB	---	1
6	102638	Kassebund PC5628 560X280X100	Fibox	29	60357	MicroLogix Inputmodul 16 Indput	1762-IQ16	---	2
7	102639	Låg EKT30-G grå 560X280	---	30	60358	MicroLogix Outputmodul 16 Udgange	1762-OB16	---	2
8	102681	Kasse/samlbox 170X140X95mm incl. skruer og dæksel	---	31	60360	Panelview 600C+ Touchpanel i farver	2711PC-T6C20D	---	1
9	103499	Skruer til PCx8x8 kasser	---	32	100005	Meldekontakt for Håndbetjent motorværn type 140M	40U-H-EA1	---	1
				33	100006	Håndbetjent motorværn 250Amp.	140M-J2E-D25	---	1
10	03595	Locking solenoid 24vdc (73010055)	Kendrian	34	100007	PF 70 Frekvensomformer Safe-Off Interface	20A-DG01	---	2
11	101190	7-Polet connector plug til vare 60363 (73010056)	---	35	100008	PF Kommunikationskort for EtherNet/IP	20-COMM-E	---	2
				36	100018	PF 70 AC Frekvensomf. 400 VAC, 3 PH, 37A	20AC037A0AYNANC0	---	1
12	60391	Kompakt magnetisk sikkerhedsswitch 10m	Omron	37	100023	PF40P 0,75kW 3x400V ekskl. EMC filter	22D-D2P3N104	---	1
13	100091	Relæ 2 poler 5A med LED	---	38	100030	PF EMC filter frame B 12A max 10m kabel	22-RF012-BS	---	1
14	100092	DIN-skinne sokkel for G2R-2-S, lysegrå	---	39	100165	Håndbetjent motorværn 04Amp.	140M-C2E-B40	---	1
15	100193	Sokkel til sikkerhedsrelæ 4-polet	---	40	100172	Håndbetjent motorværn 45Amp.	140M-F8E-C45	---	1
16	100195	Smal Sikkerhedsrelæ efter EN50205 4-polet	---	41	100662	PF753 110kW 3x400V inkl. EMC filter	20F1ANC205JNONNNNN	---	1
17	100490	Relay & socket, 6A contacts, push in terminals, 24G2RV-SL500 DC24	---	42	100663	PF 750 Safe-off modul	20-750-S	---	1
18	101113	Sikkerhedsswitch med stik for kabel 20M	---	43	100664	PF753 Adapter card for Ethernet	20-750-20COMM	---	1
19	101114	Reciever cable M12 8-pin female connector, schief	---	44	101135	Bejleringsmodul	20-HIM-A6	---	1
				45	101136	Flange adapter frame 6	20-750-FLNG4-F6	---	1
20	60377	Ethernet switch 5 port 10/100mBit	PHOENIX CONTACT A/	46	101137	Term guard frame 7	20-750-PTG1-F6	---	1
21	100909	Fjederkraftklemme	---	47	101138	Mont. kit for kortslutbesk.	140U-J-ECM	---	1

Project title: CT3126.02 Combi Grinder Mantos

Page title: Bill Of Material

Customer: Mantos

File name: CT3126.02 Combigrinder - Mantos (aflevering)

Project nr.: ON268640004

800

Next page

Number of pages

Project rev.:

CARNITECH

Pos. Part number Text					Type	Make	Pos. Part number Text					Type	Make
48	101139	Klemmeafdækning for kortslutningsbesk.	140U-J-TS	Rockwell Automatico	2		71	100073	LAMPETRYKSHOVED GUL PLAN	ZB5AW353	1	---	
49	103418	Bejleningspanel til PF40P frekvensomformer	22-HIM-A3	---	1		72	100075	KONTAKTELEMENT 1 SLUTTE	ZBE101	---	12	
50	104442	PowerFlex 4-Class DSI RJ45 Terminal Blocks	AK-U0-RJ45-TB2P	---	1		73	100076	KONTAKTELEMENT 1 BRYDE	ZBE102	---	7	
							74	100077	Krop til ZBE elementer + ZBV blokke	ZB5AZ009	---	16	
51	100393	KØLEPLADE 1.5KW	189-8779	RS Components	1		75	100079	Drejegreb 2 faste stillinger (Kort greb)	ZB5Aa2	---	2	
52	100394	Effektmodstand i alu hus. 15w 68 ohm	160-578	---	1		76	100081	Grundmodul 12A 3P+1NO+1NC	LUB12	---	1	
							77	100082	Grundmodul 32A 3P+1NO+1NC	LUB32	---	1	
53	100187	Automatsikring C60H C 10A 3P	24999	Schneider Electric	1		78	100086	Overstrømsmodul S3P10 3-12A Uc 24VDC	LUCA12BL	---	1	
54	100376	Automatsikring C60H 2P C2	24982	---	1		79	100087	Overstrømsmodul S3P10 4,5-18A Uc 24VDC	LUCA18BL	---	1	
55	100676	Ventilator m/filter 165m³/t 24VDC	NSYCVF165M24DPF	---	1		80	100088	Signalkontaktblok 1NO (fejl) + 1NO (klar)	LUA1C20	---	2	
56	100677	Rist 223x223 RAL7035	NSYCAG223LPF	---	1		81	100199	Kontaktor 32A 3P+1NO+1NC, Uc 24V DC	LC1D32BD	---	2	
57	101901	Termostat til DIN monterng 0-60°C	NSYCCOTH0	---	1		82	100364	Automatsikring 1P 8A, Id=108A	GB2CB14	---	1	
							83	100391	Trykknapskasse tom med 3 huller Ø22, Grå	XALD03	---	1	
58	102098	Flexi Soft controller uden EFI	FX3-CPU000000	Sick	1		84	100530	Automatsikring 1P 4A, Id=52A	GB2CB09	---	2	
59	102099	Flexi Soft memory plug	FX3-MPL000001	---	1		85	100556	Strømforsyning SMPS, Pri:100-500V Sek:24VDC 10A 8RPS24100	XALD03	---	1	
60	102100	Flexi soft I/O modul 8in/4out	FX3-XTI084002	---	3		86	100680	Nøglegreb 2 faste stillinger	ZB5AG2	---	1	
61	102670	Induktiv føler 8mm, med M8 stik, 10-30V, 1,5-4mmTME08-1B5PSZTOS	DOL-0803-W05M	---	2		87	101341	Skilt Ø60 gul uden tekst	ZBY9101	---	1	
62	102690	Sick følerkabel 5m M8 stik VINKLET 3 leder	DOL-0803-W05M	---	2		88	101374	Lampeelement m/LED grøn 24VAC/DC	ZBVB3	---	3	
							89	101375	Lampeelement m/LED rød 24VAC/DC	ZBVB4	---	1	
63	101260	PE skinne til forsyningsadskiller 250A og 180A	PE250E	Sontheimer	1		90	101376	Lampeelement m/LED gul 24VAC/DC	ZBVB5	---	2	
64	102131	Forsyningsadskiller 250A	HLT250/3E/Z1/33	---	1		91	103712	Silikonkappe for ZB4BA/ZB5AA plantryk	ZBPA	---	9	
65	102136	Reperationsafbryder 3P 16A	RLT16/3PM-D1/Z33S	---	2		92	301803	Sikkerhedsnødstoptryk Ø40, tryk-drej	ZB5AS844	---	2	
							93	315662	Trykknapskasse tom med 2 huller Ø22, Grå	XALD02	---	1	
66	100067	Lampehoved for X'tra LED rød	ZB5AV043S	Telemecanique	1		94	315803	Nødstopkasse tom med 1hul Ø22, Gul	XALK01	---	1	
67	100068	Lampehoved for X'tra LED gul	ZB5AV053S	---	1								
68	100070	TRYKKNAP PLAN HVID FOR SKILT	ZB5AA18	---	2		95	100451	Jordlederskinne esch 28030	0280300000	Weidmüller	1	
69	100071	LAMPETRYKSHOVED GRØN PLAN	ZB5AW333	---	3		96	100452	Skinneholder SH 1 29986	0299860000	---	2	
70	100072	LAMPETRYKSHOVED RØD PLAN	ZB5AW343	---	3		97	100453	Skruer BS M 5x8 29670	0296700000	---	4	
						</							

[illegible]