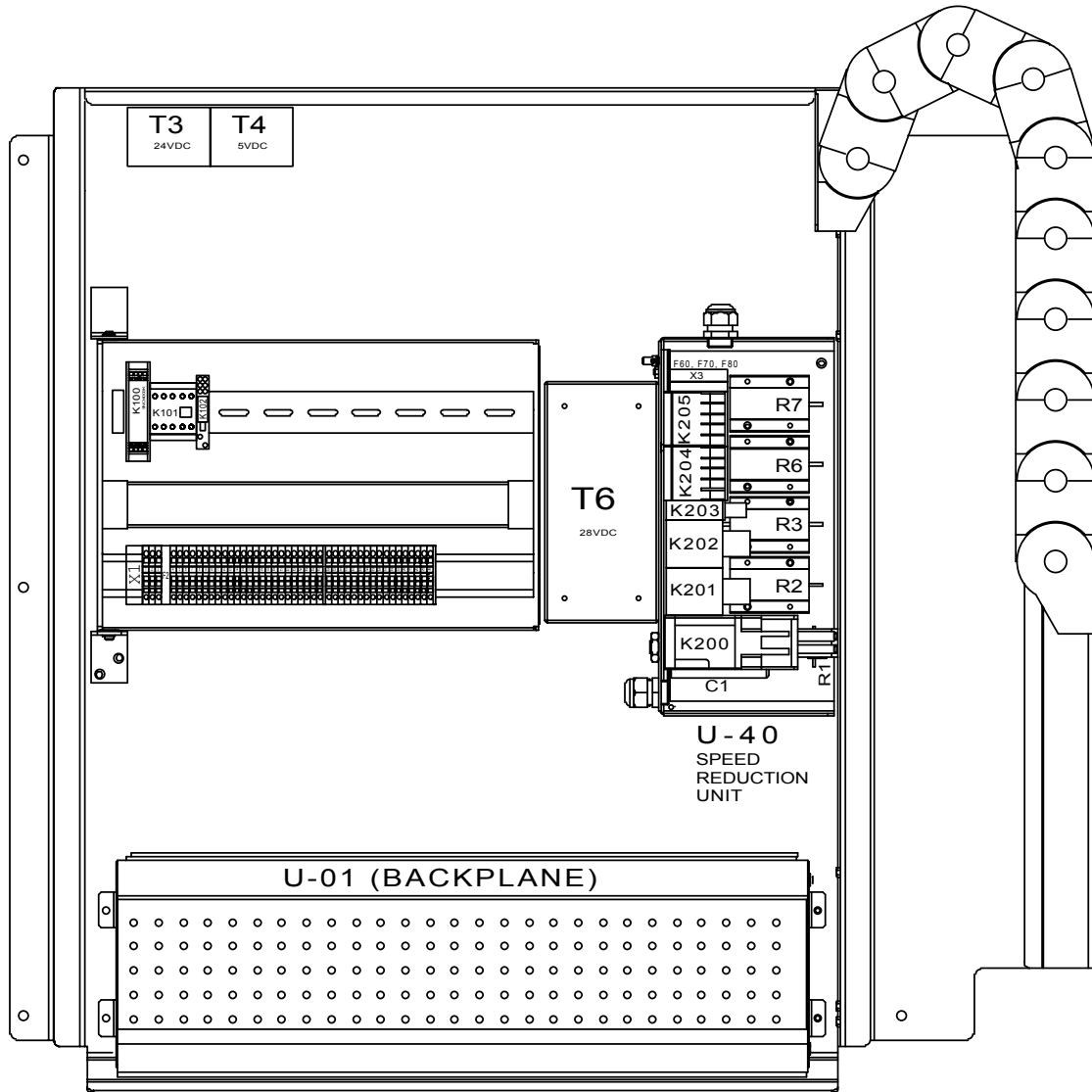
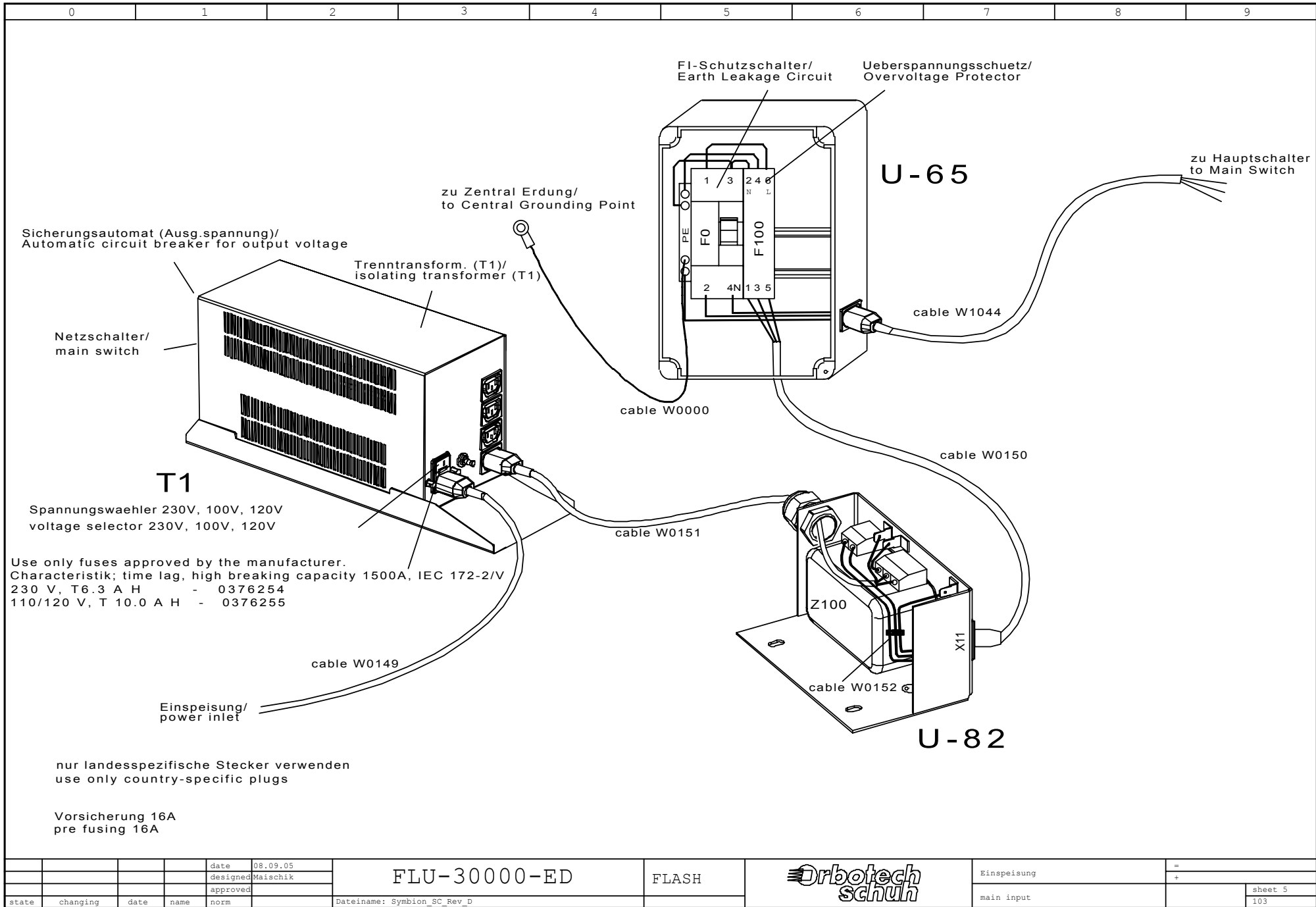


Inhalt / contents: FLASH

002	Inhalt	contents	044	Auslaufband Track1	output belt track1
003	Central Elektrik Einheit	central electric unit	045	Einlaufband Track2	input belt track2
004	Klemmenleiste X1	terminal X1	046	Auslaufband Track2	output belt track2
005	Einspeisung	main input	047	Band-Motoren Track1 (Option)	belt motors track1 (option)
006	Pneumatik-Einheit	pneumatic unit	048	Band-Motoren Track2 (Option)	belt motors track2 (option)
007	Flanschplatte Track 2	Interface flange track 2	049	Ventilinsel	pneumatic panel
008	Technologieschema 1	technology scheme 1	050	Backplane - Vorderansicht	backplane - front view
009	Technologieschema 2	technology scheme 2	051	PC Hinterseite	PC back view
010	Technologieschema 3	technology scheme 3	052	Bedienpult	control panel
011	Technologieschema 4	technology scheme 4	100	Materialliste	parts list
012	Bedienpult (Platine)	control panel (board)	101	Materialliste	parts list
013	Bedienpult - Remote Access	operat. panel - remote access	102	Materialliste	parts list
014	Backplane (Platine)	backplane (board)	103	Materialliste	parts list
015	Platine Handling 1	PCB Handling 1			
016	Platine Handling 2	PCB Handling 2			
017	Platine Safety Chain	PCB safety chain			
018	Zentr.elektrik - Einspeisung	centr. electr. main input			
019	Kamerakopf	camera head			
020	Not-Aus-Kreis	emergency stop loop			
021	Geschwind.- Reduzierung	speed reduction unit			
022	Meldeleuchte	signal indication			
023	Lichtvorh. links, rechts	light curtain left, right			
024	Spaltueberwach. Sensoren	crash sensors			
025	Board - Sensor	board sensor			
026	Band/Breite N-1 Track 1	belt/width N-1 track 1			
027	Band/Breite Adapter Track 1	belt/width adapter track 1			
028	Band/Breite N+1 Track 1	belt/width N+1 track 1			
029	Band/Breite N-1 Track 2	belt/width N-1 track 2			
030	Band/Breite Adapter Track 2	belt/width adapter track 2			
031	Band/Breite N+1 Track 2	belt/width N+1 track 2			
032	Motor X-Achse	motor X-axis			
033	Motor Y-Achse	motor Y-axis			
034	Motor Z-Achse	motor Z-axis			
035	Motor Mag.-Achse (option)	motor mag.-axis (option)			
036	SMEMA Schnittst. Track1	SMEMA interface track1			
037	SMEMA Schnittst. Track2	SMEMA interface track2			
039	Siemens Schnittst. Track1	Siemens interface track1			
040	Siemens Schnittst. Track2	Siemens interface track2			
042	Ventilatoren	fans			
043	Einlaufband Track1	input belt track1			



Cable Colour Code (IEC757)	
Black/Schwarz	BK
Brown/Braun	BR
Red/Rot	RD
Orange/Orange	OG
Yellow/Gelb	YE
Green/Grün	GN
Blue/Blau	BU
Violet/Violet	VT
Grey/Grau	GY
White/Weiss	WH
Pink/Rosa	PK
Turquoise/Türkis	TQ
Green-Yellow/Grün-Gelb	GNYE

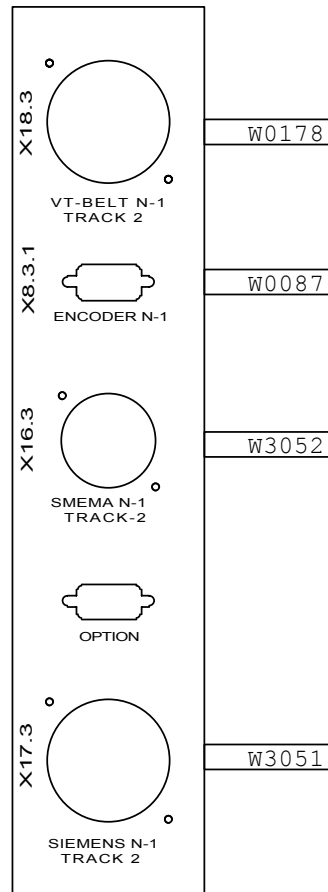


				date	08.09.05	FLU-30000-ED	FLASH	Orbotech Schuh	Einspeisung	=			
				designed	Maischik							+	
				approved									sheet 5
state	changing	date	name	norm	Dateiname: Symbion_SC_Rev_D				main input		103		

Flansch-Platte (IP-03)
für Steckverbindungen

Interface Flange (IP-03)

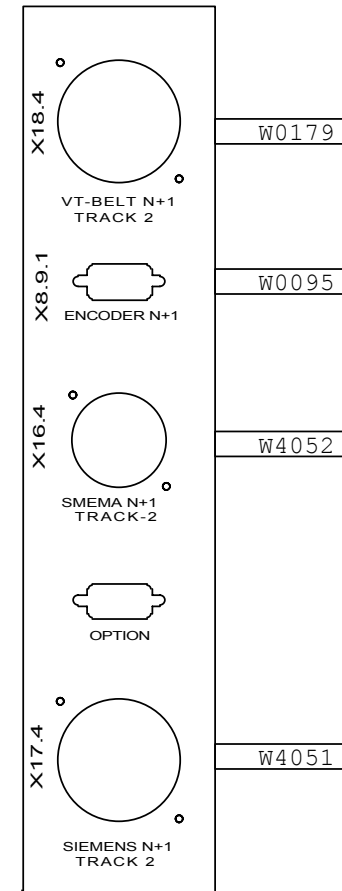
OPTION TRACK-2



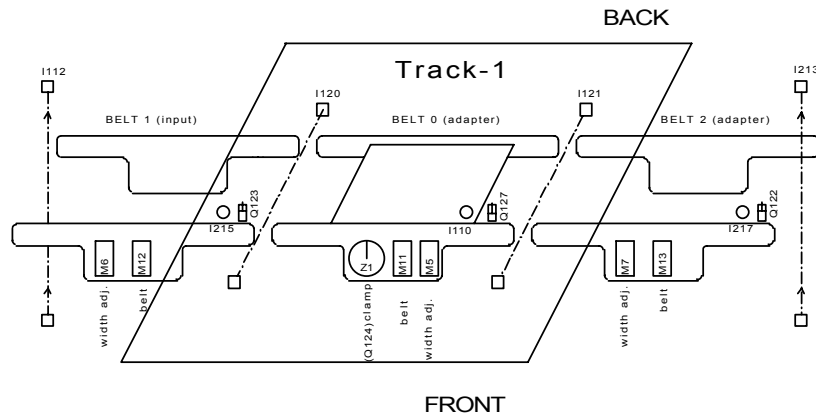
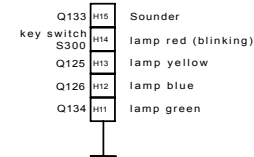
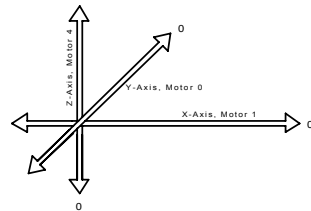
Flansch-Platte (IP-04)
für Steckverbindungen

Interface Flange (IP-04)

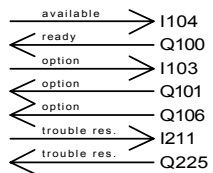
OPTION TRACK-2



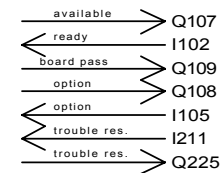
				date	08.09.05	FLU-30000-ED	FLASH		Flanschplatte Track 2	=
				designed	Maischik				Interface flange track 2	+
				approved					sheet 7	
state	changing	date	name	norm	Dateiname: Symbion_SC_Rev_D					103



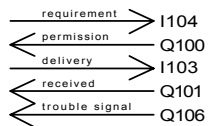
SMEMA N-1 (Track 1)



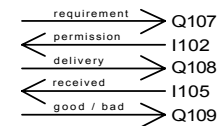
SMEMA N+1 (Track 1)



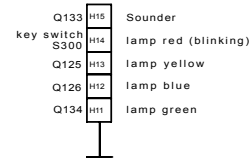
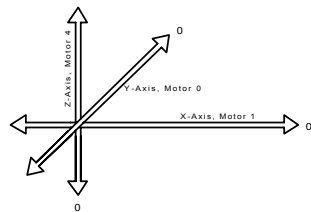
Siemens Interf. N-1 (Track 1)



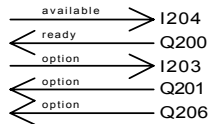
Siemens Interf. N+1 (Track 1)



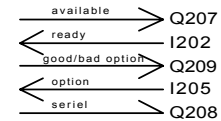
I116 - Emergency Stop Loop
 I117 - Service Mode
 I118 - Air pressure
 I111 - Automatic
 Q135 - Track 1 Transport Stop
 Q235 - Track 2 Transport Stop



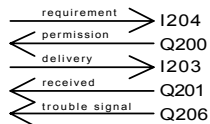
SMEMA N-1 (Track 2)



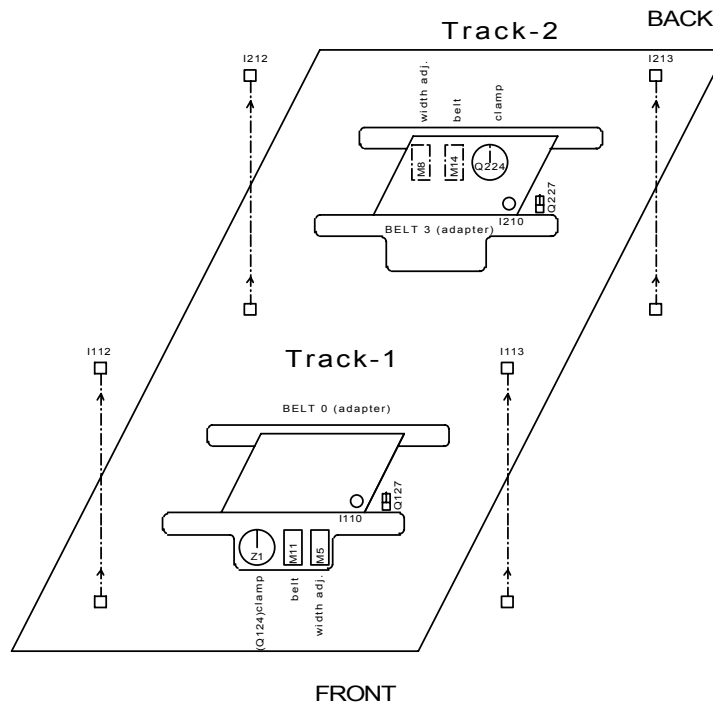
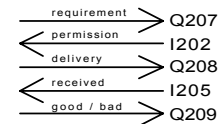
SMEMA N+1 (Track 2)



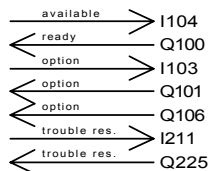
Siemens Interf. N-1 (Track 2)



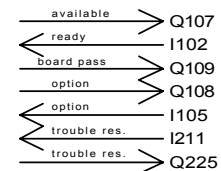
Siemens Interf. N+1 (Track 2)



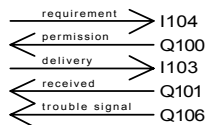
SMEMA N-1 (Track 1)



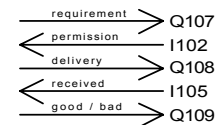
SMEMA N+1 (Track 1)



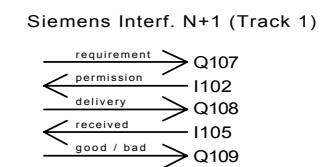
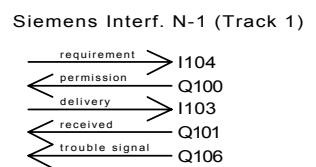
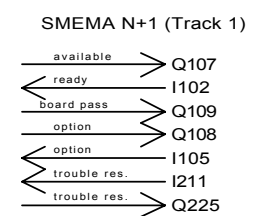
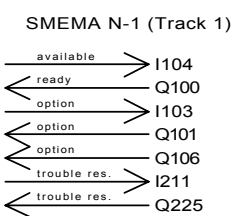
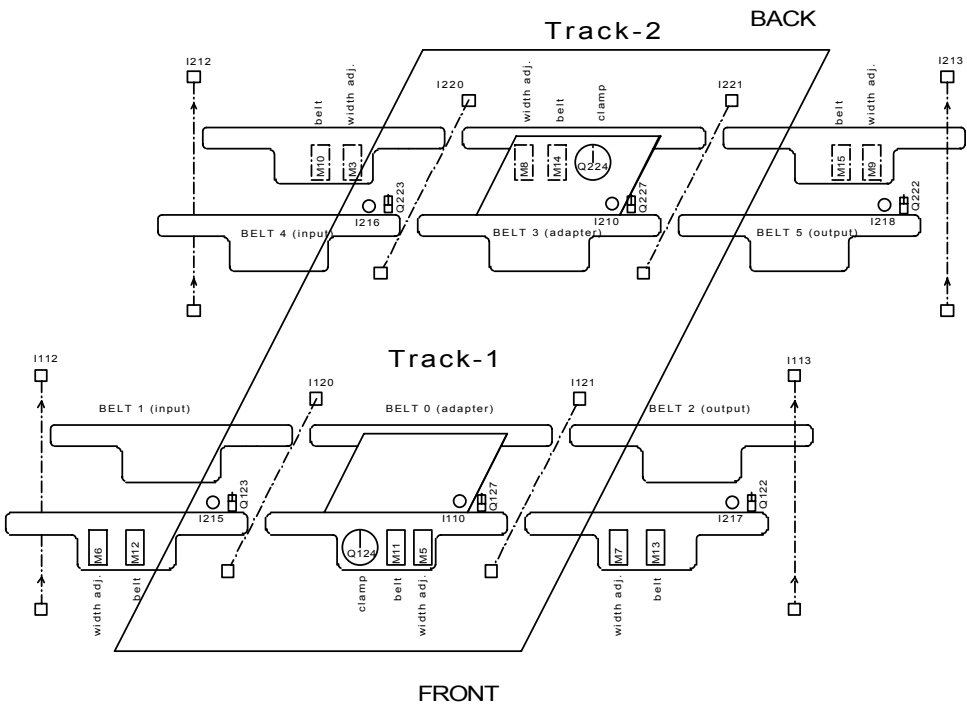
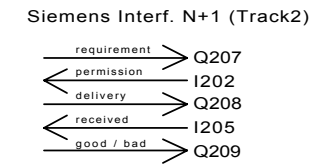
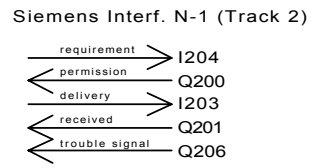
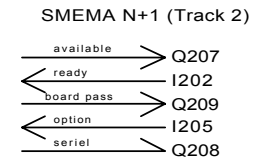
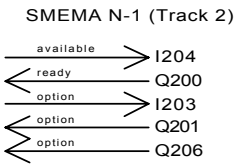
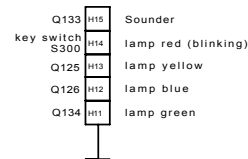
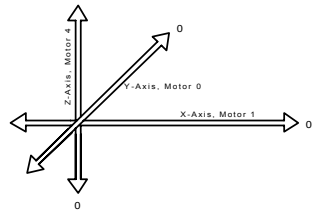
Siemens Interf. N-1 (Track 1)



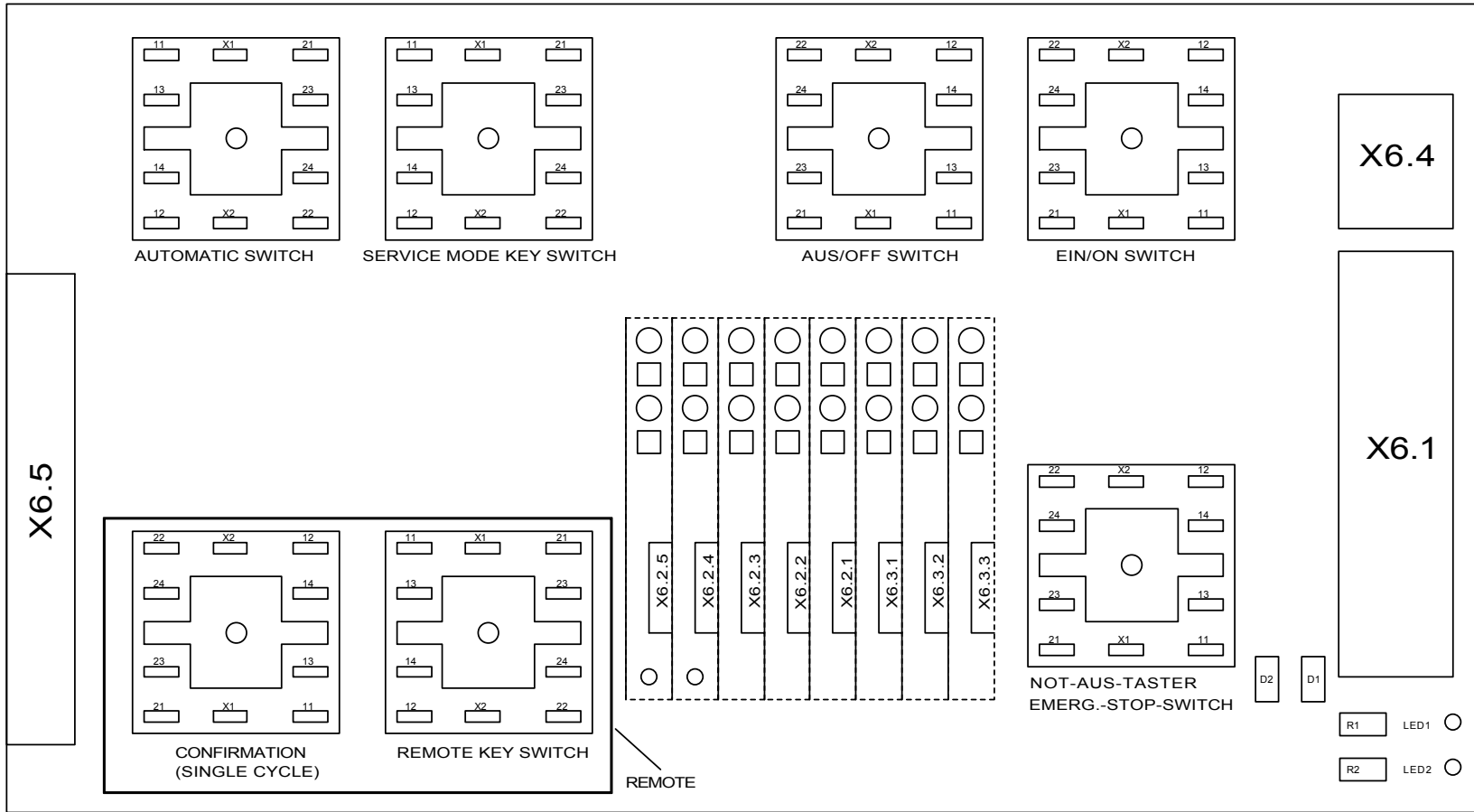
Siemens Interf. N+1 (Track 1)



- I116 - Emergency Stop Loop
- I117 - Service Mode
- I118 - Air pressure
- I111 - Automatic
- Q135 - Track 1 Transport Stop
- Q235 - Track 2 Transport Stop



I116 - Emergency Stop Loop
 I117 - Service Mode
 I118 - Air pressure
 I111 - Automatic
 Q135 - Track 1 Transport Stop
 Q235 - Track 2 Transport Stop



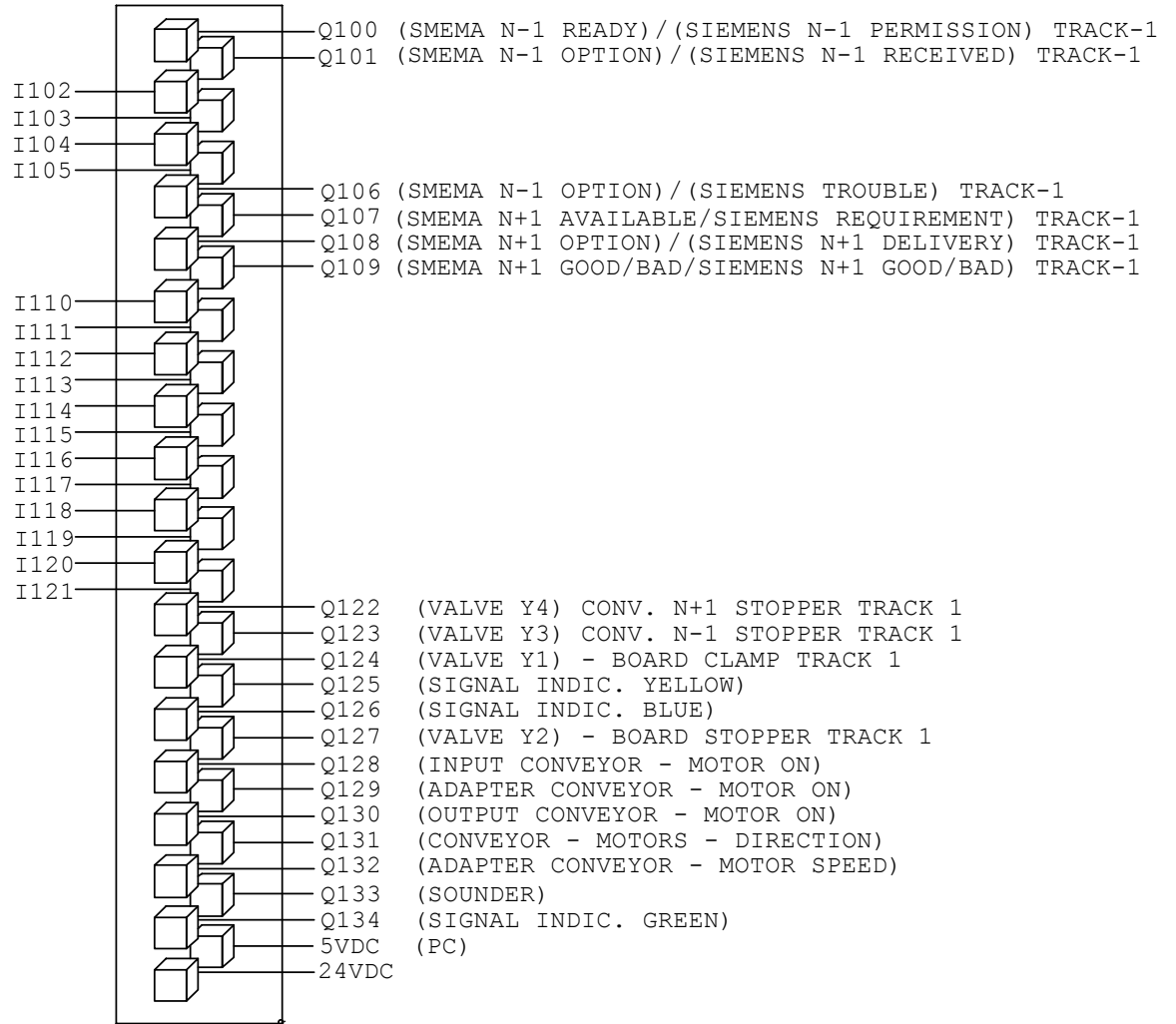
U-03 Placeplan CONTROL PANEL

				date	08.09.05						
				designed	Maischik	FLU-30000-ED	FLASH		Bedienpult (Platine)	=	
				approved					control panel (board)	+	sheet 12
state	changing	date	name	norm	Dateiname: Symbion_SC_Rev_D						103

LED's - Handling "1"

(SMEMA N+1 READY)/(SIEMENS N+1 PERMISSION) TRACK-1
 (SMEMA N-1 OPTION)/(SIEMENS N-1 DELIVERY) TRACK-1
 (SMEMA N-1 AVAILABLE)/(SIEMENS N-1 REQUIREM.) TR.1
 (SMEMA N+1 OPTION)/(SIEMENS N+1 RECEIVED) TRACK-1

(ADAPTER CLAMP ENDPOSITION) TRACK-1
 (AUTOMATIC - OPERATING PANEL)
 (LIGHT CURTAIN N-1 (NO BOARD) - TRACK-1
 (LIGHT CURTAIN N+1 (NO BOARD) - TRACK-1
 (LIGHT CURTAIN N-1 - RECEIVER ERROR) TRACK-1
 (28VDC)
 (EMERGENCY STOP LOOP-24V)
 (SERVICE KEY-SWITCH - ON)
 (COMPRESSED AIR MISSING)
 (EMERGENCY STOP NOT ENGAGET)
 (CRASH CONTROL ADAPTER INPUT) TRACK-1
 (CRASH CONTROL ADAPTER OUTPUT) TRACK-1

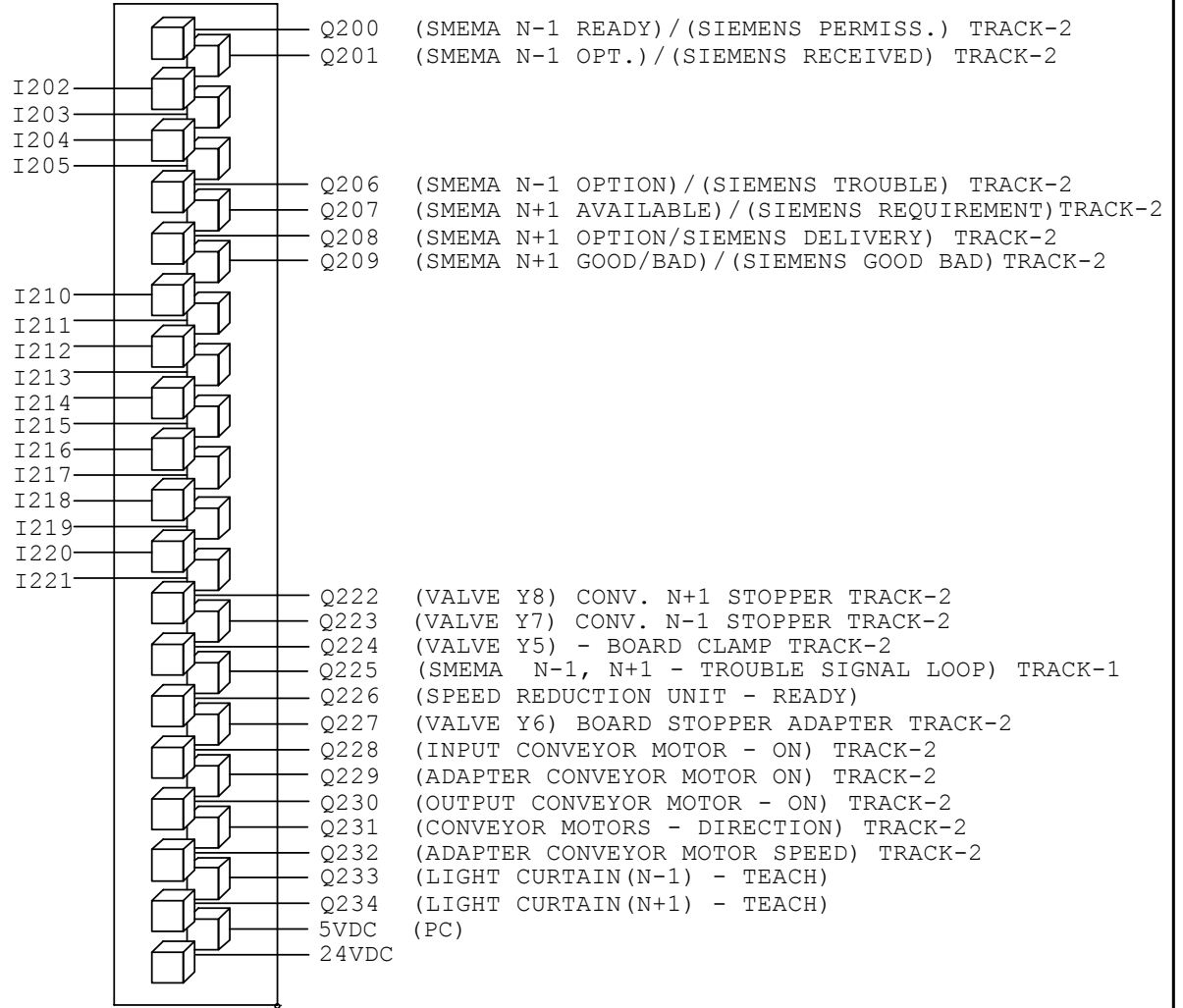


U-12

LED's - Handling "2"

(SMEMA N+1 READY)/(SIEMENS PERMISSION) TRACK-2
 (SMEMA N-1 OPTION)/(SIEMENS DELIVERY) TRACK-2
 (SMEMA N-1 AVAILABLE)/(SIEMENS REQUIREM.) TRACK-2
 (SMEMA N+1 OPTION)/(SIEMENS RECEIVED) TRACK-2

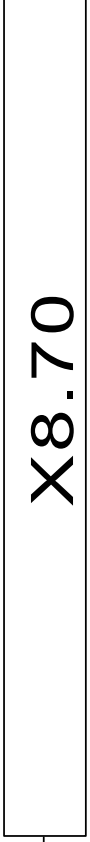
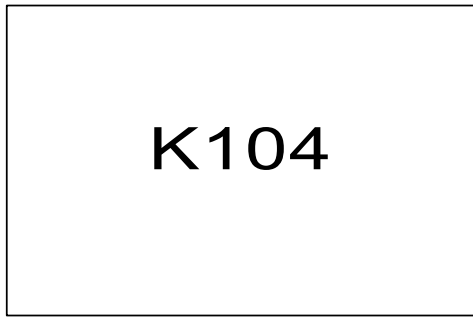
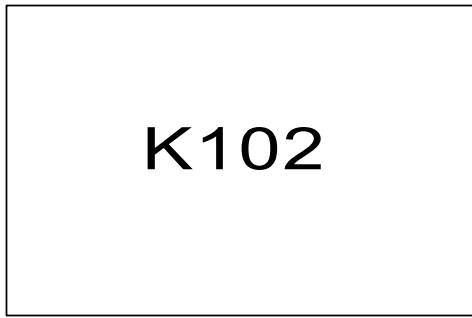
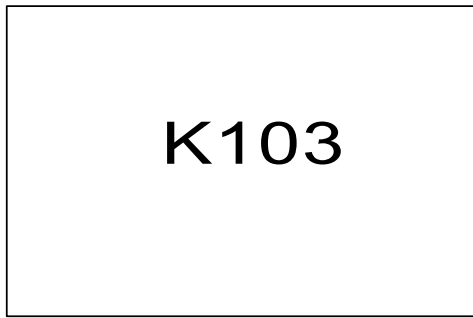
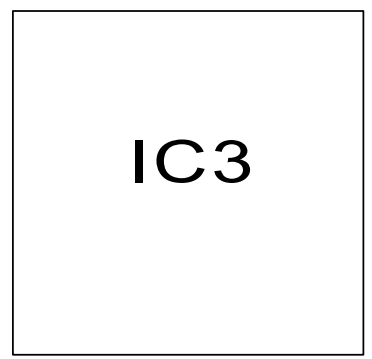
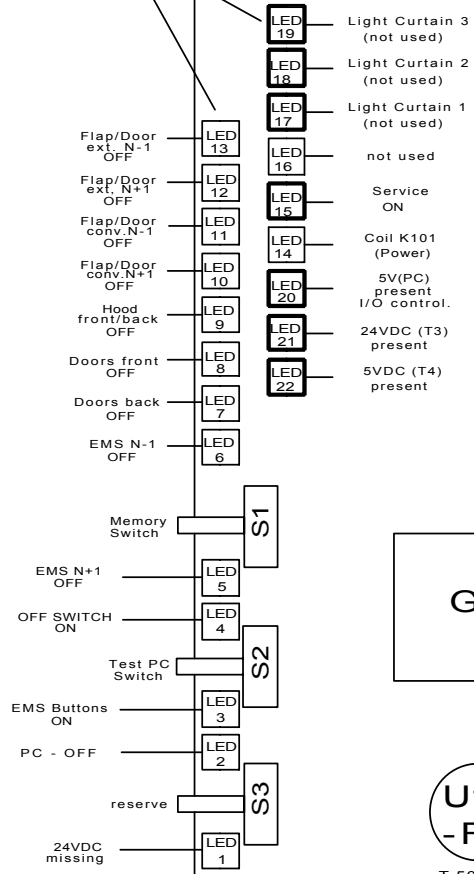
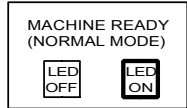
(ADAPTER CLAMP ENDPOSITION) TRACK-2
 (SMEMA N-1,N+1 - TROUBLE RESET) TRACK-1
 (LIGHT CURTAIN N-1 (NO BOARD) - TRACK-2
 (LIGHT CURTAIN N+1 (NO BOARD) - TRACK-1/2
 (LIGHT CURTAIN(N+1) - RECEIVER ERROR) TRACK-2
 (INPUT CONVEYOR SENSOR) TRACK-1
 (INPUT CONVEYOR SENSOR) TRACK-2
 (OPTION-LUN)/(OUTPUT CONVEYOR SENSOR TRACK-1
 (OPTION-LUN)/(OUTPUT CONVEYOR SENSOR TRACK-2
 (24VDC)
 (CRASH CONTROL ADAPTER N-1) TRACK-2
 (CRASH CONTROL ADAPTER N+1) TRACK-2



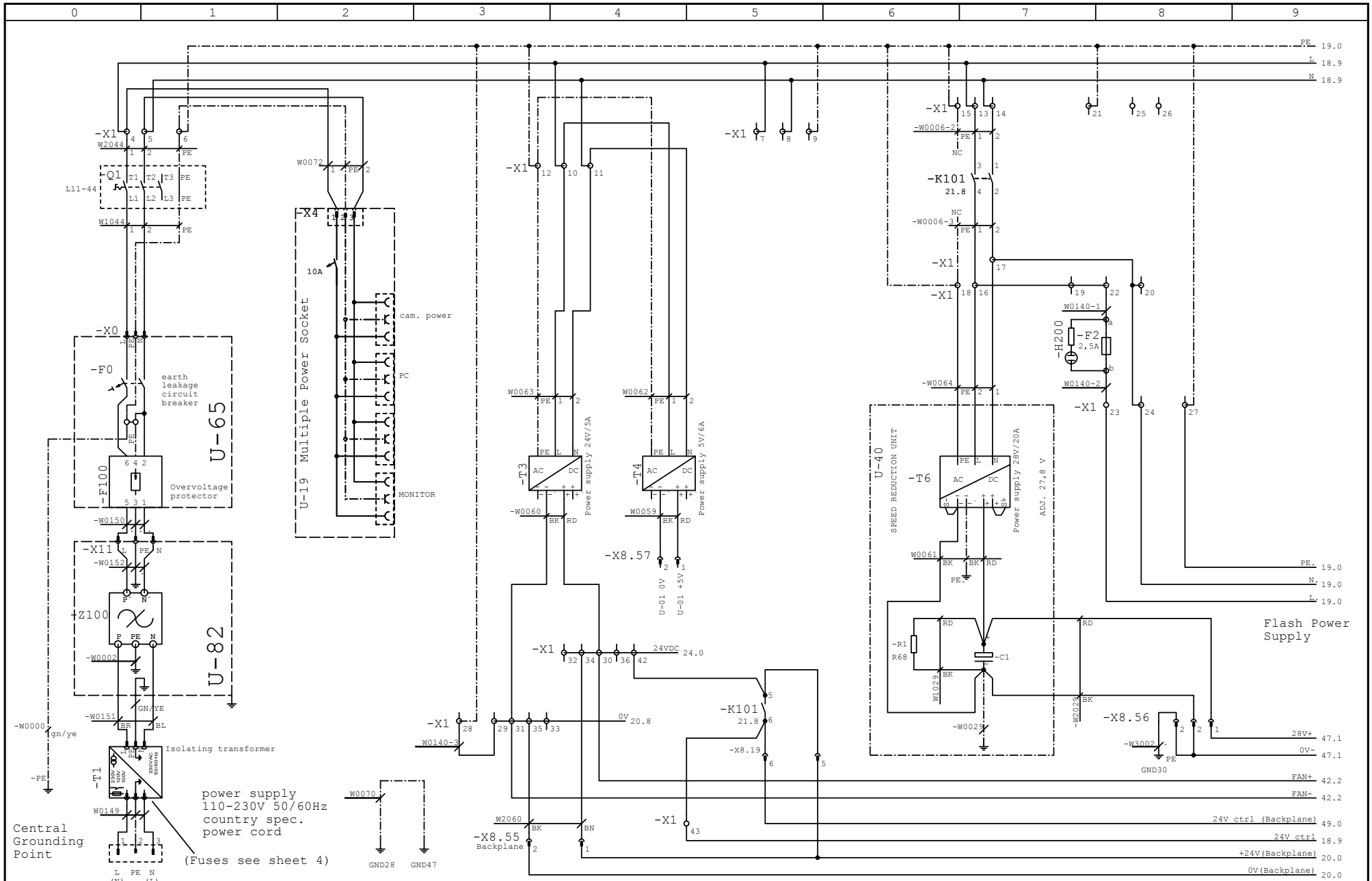
U-13

U-15 Place plan SAFETY CHAIN

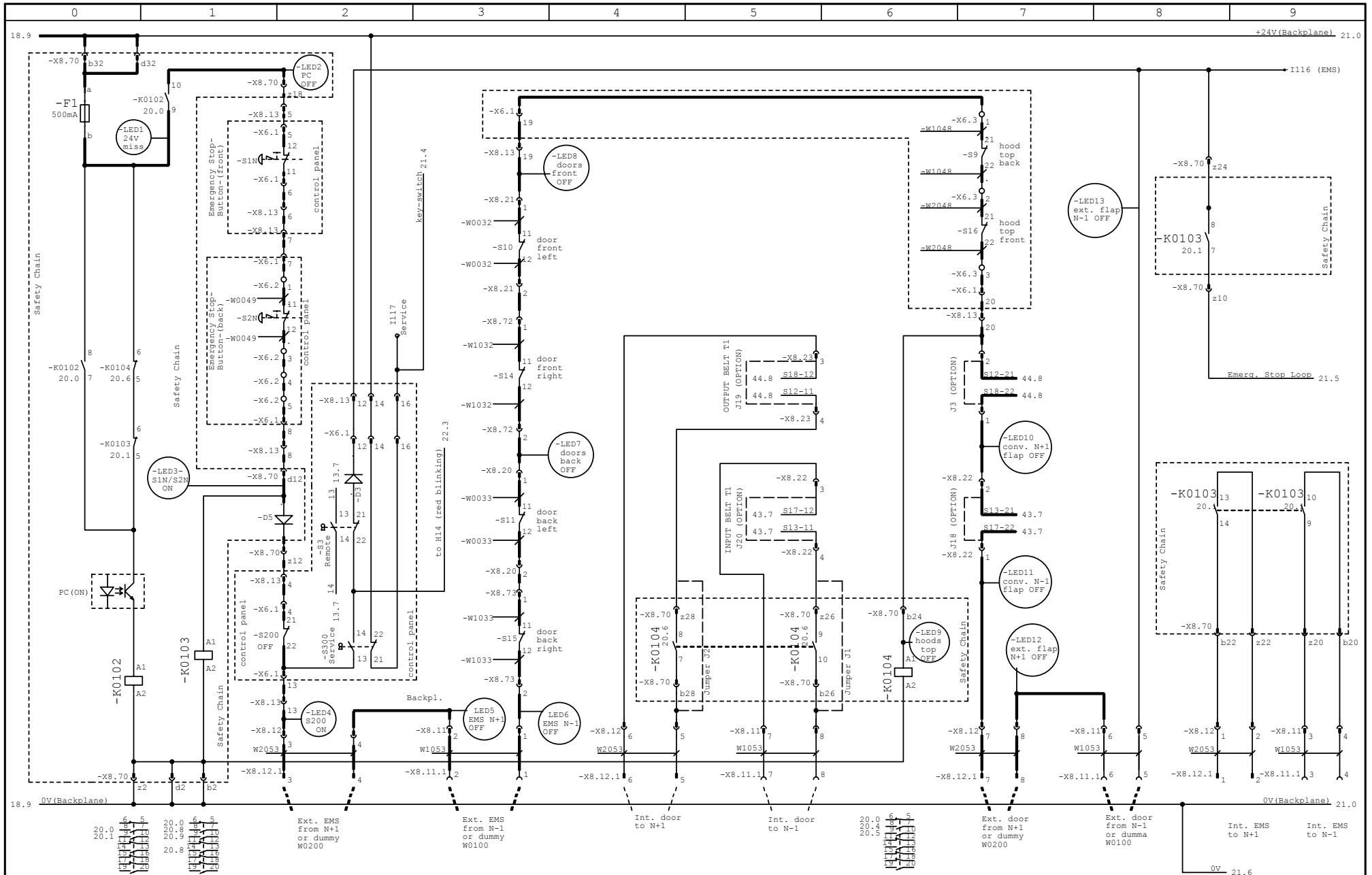
ERROR DIAGNOSTICS: THE FIRST BRIGHT LED (BOTTOM-UP) SHOW THE ERROR SOURCE



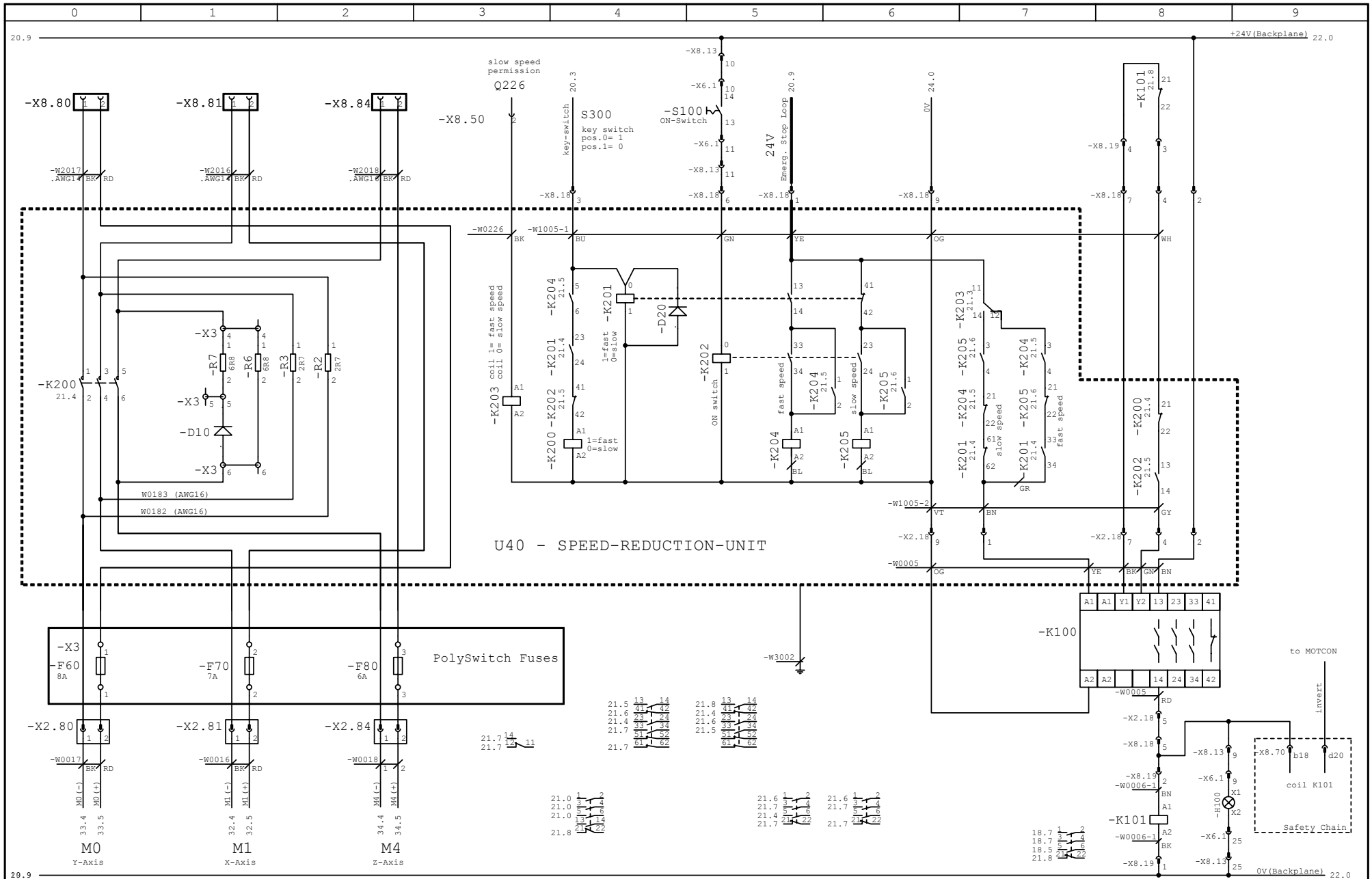
				date	08.09.05	FLU-30000-ED	FLASH		Platine Safety Chain	=	
				designed	Maischik				PCB safety chain	+	
				approved							sheet 17
state	changing	date	name	norm		Dateiname: Symbion_SC_Rev_D				103	



		date 08.09.05		FLU-30000-ED		FLASH		Orbotech Schuh		Zentr.elektrik - Einspeisung		=	
		designed Maischik								centr. electr. main input		+	
		approved										sheet 18	
state	changing	date	name	norm	Dateiname: Symbion_SC_Rev_D							103	



		date 08.09.05		FLU-30000-ED		FLASH				Not-Aus-Kreis		=			
		designed Maischik								emergency stop loop		+		sheet 20	
state changing		date name norm								Dateiname: Symbion_SC_Rev_D				103	



U40 - SPEED-REDUCTION-UNIT

FLU-30000-ED

FLASH



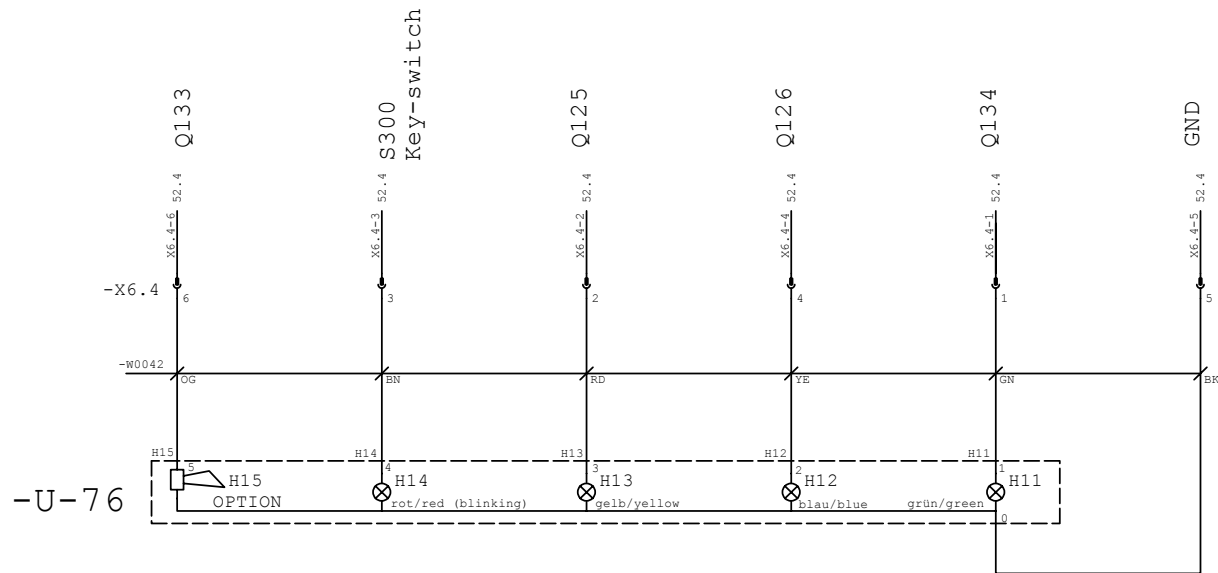
Geschwind.- Reduzierung
speed reduction unit

sheet 21
103

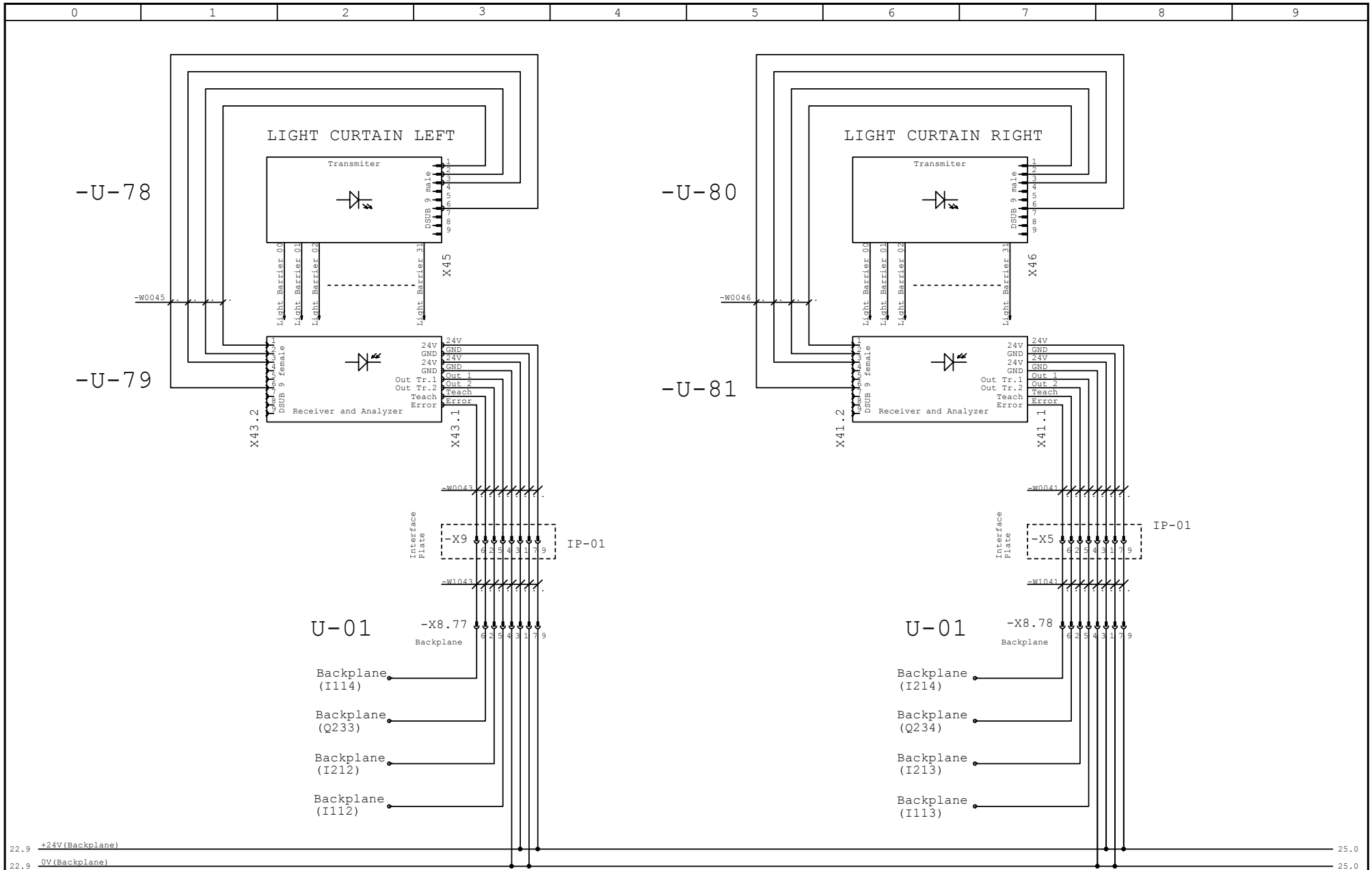
date	08.09.05
designed	Maischik
approved	
state	changing
date	
name	
norm	

Dateiname: Symbion_SC_Rev_D

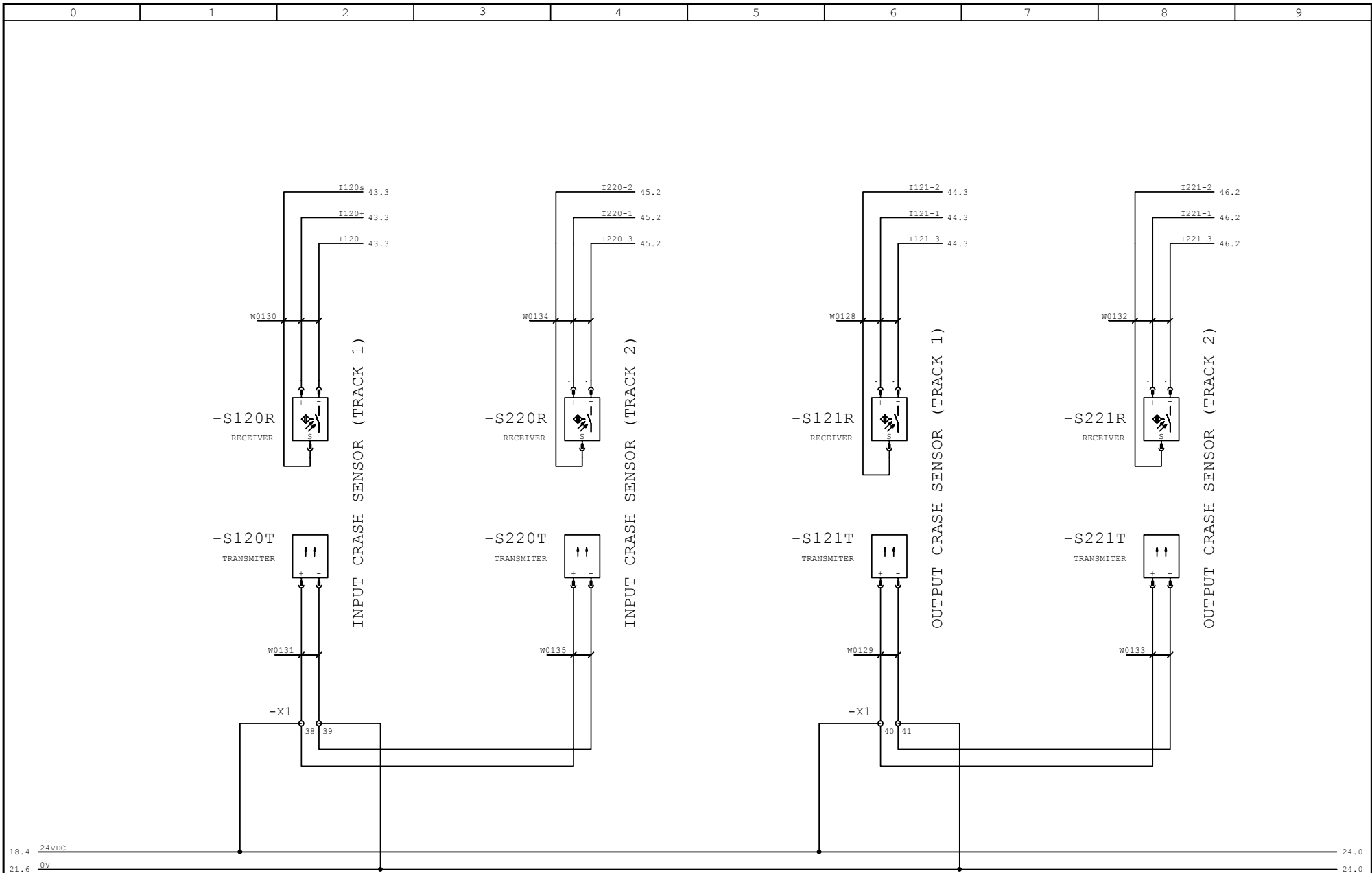
0	1	2	3	4	5	6	7	8	9
21.9 +24V(Backplane) 23.0									
21.9 0V(Backplane) 23.0									



				date	08.09.05	FLU-30000-ED	FLASH	Orbotech Schuh	Meldeleuchte	=	
				designed	Maischik				signal indication	+	sheet 22
state	changing	date	name	norm	Dateiname: Symbion_SC_Rev_D				103		



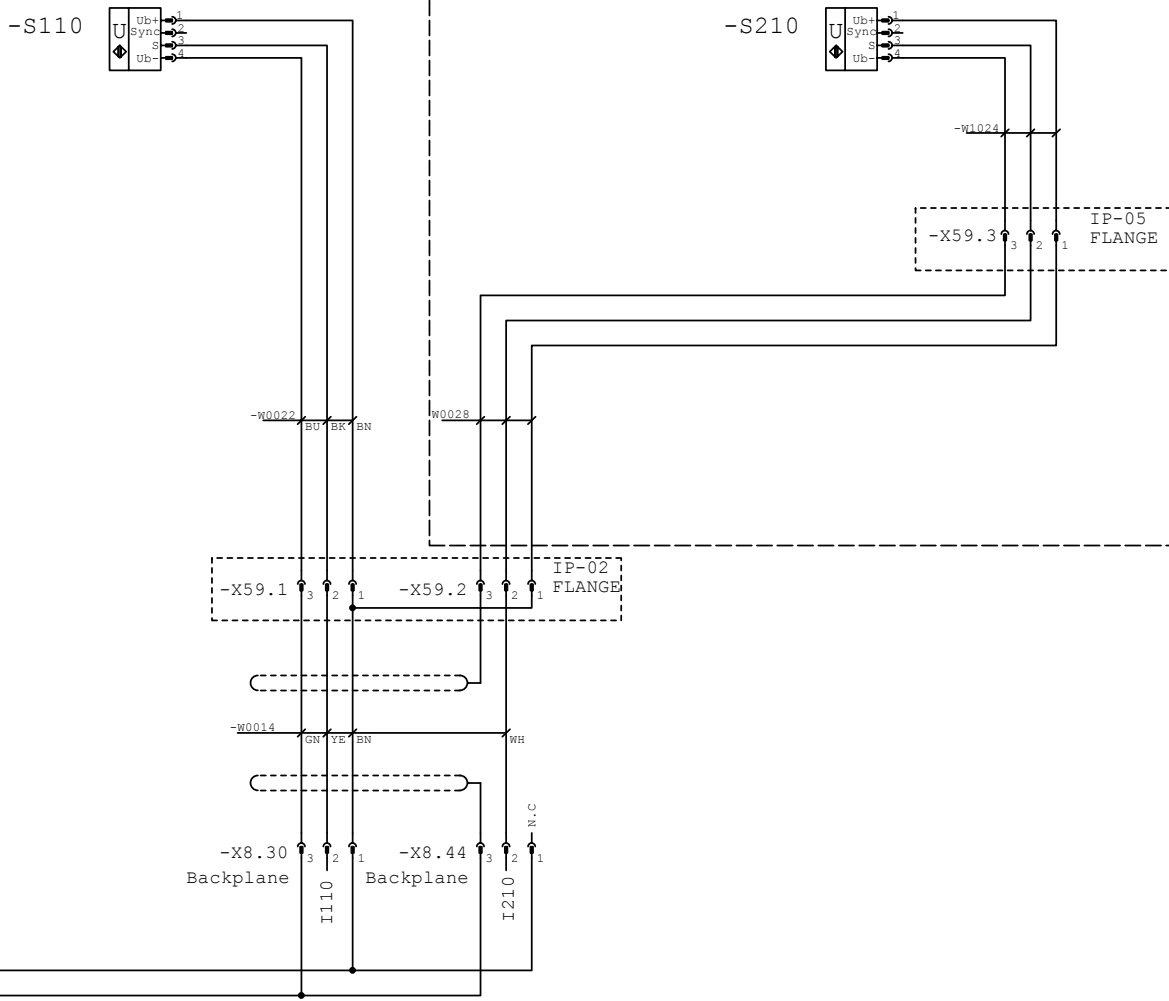
		date	08.09.05	FLU-30000-ED	FLASH	Orbotech Schuh	Lichtvorh. links, rechts		=	
		designed	Maischik				light curtain left, right		+	sheet 23
		approved								103
state	changing	date	name	norm	Dateiname: Symbion_SC_Rev_D					



18.4 24VDC
21.6 0V

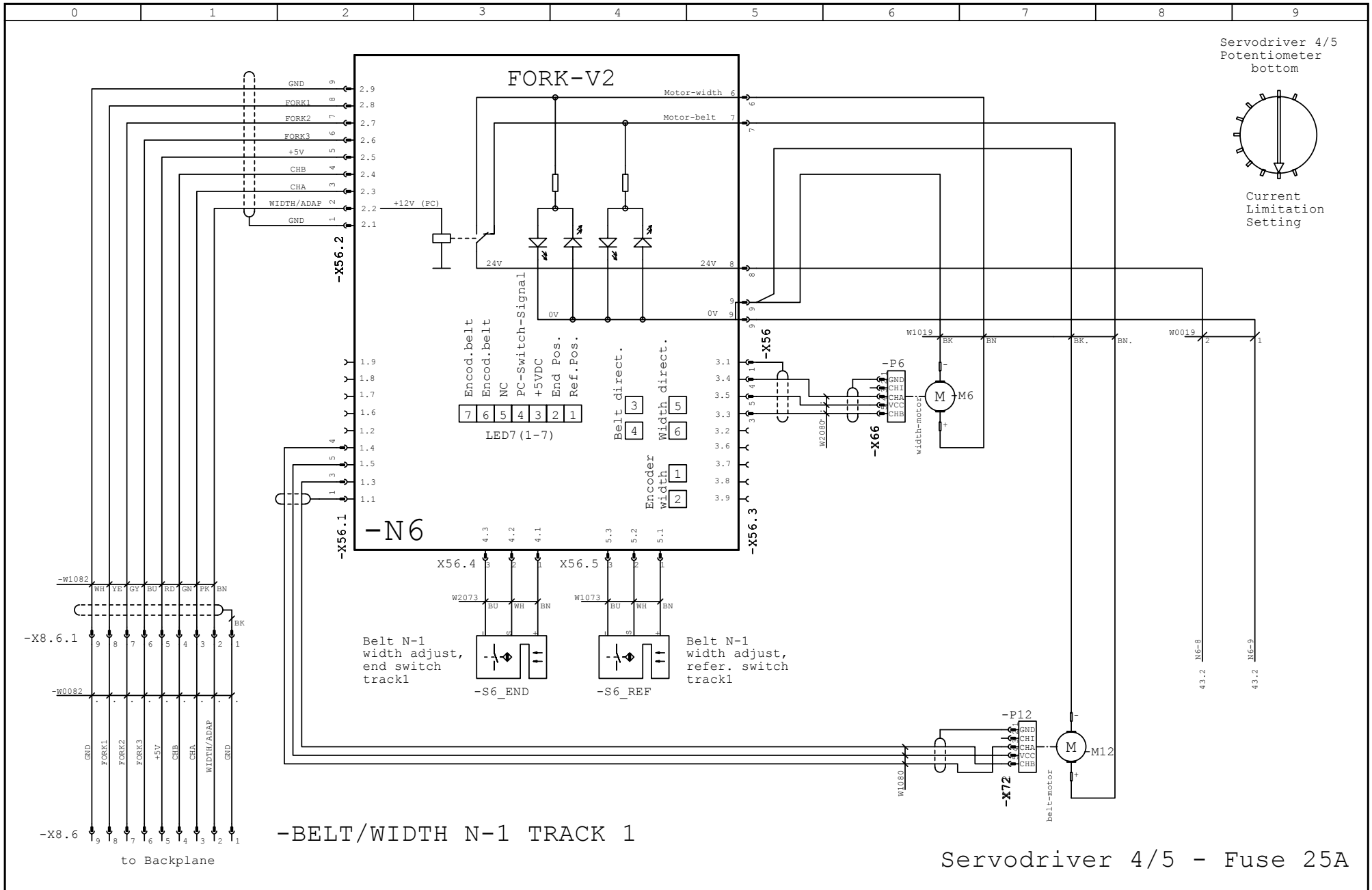
				date	08.09.05	FLU-30000-ED	FLASH		Spaltueberwach. Sensoren	=	
				designed	Maischik				crash sensors	+	sheet 24
state	changing	date	name	norm	Dateiname: Symbion_SC_Rev_D				103		

OPTION TRACK-2

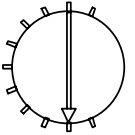


23.9 +24V(Backplane)
 23.9 0V(Backplane)

				date	08.09.05	FLU-30000-ED	FLASH		Board - Sensor	=	
				designed	Maischik				board sensor	+	
state	changing	date	name	norm	Dateiname: Symbion_SC_Rev_D						sheet 25
										103	



Servodriver 4/5
Potentiometer
bottom

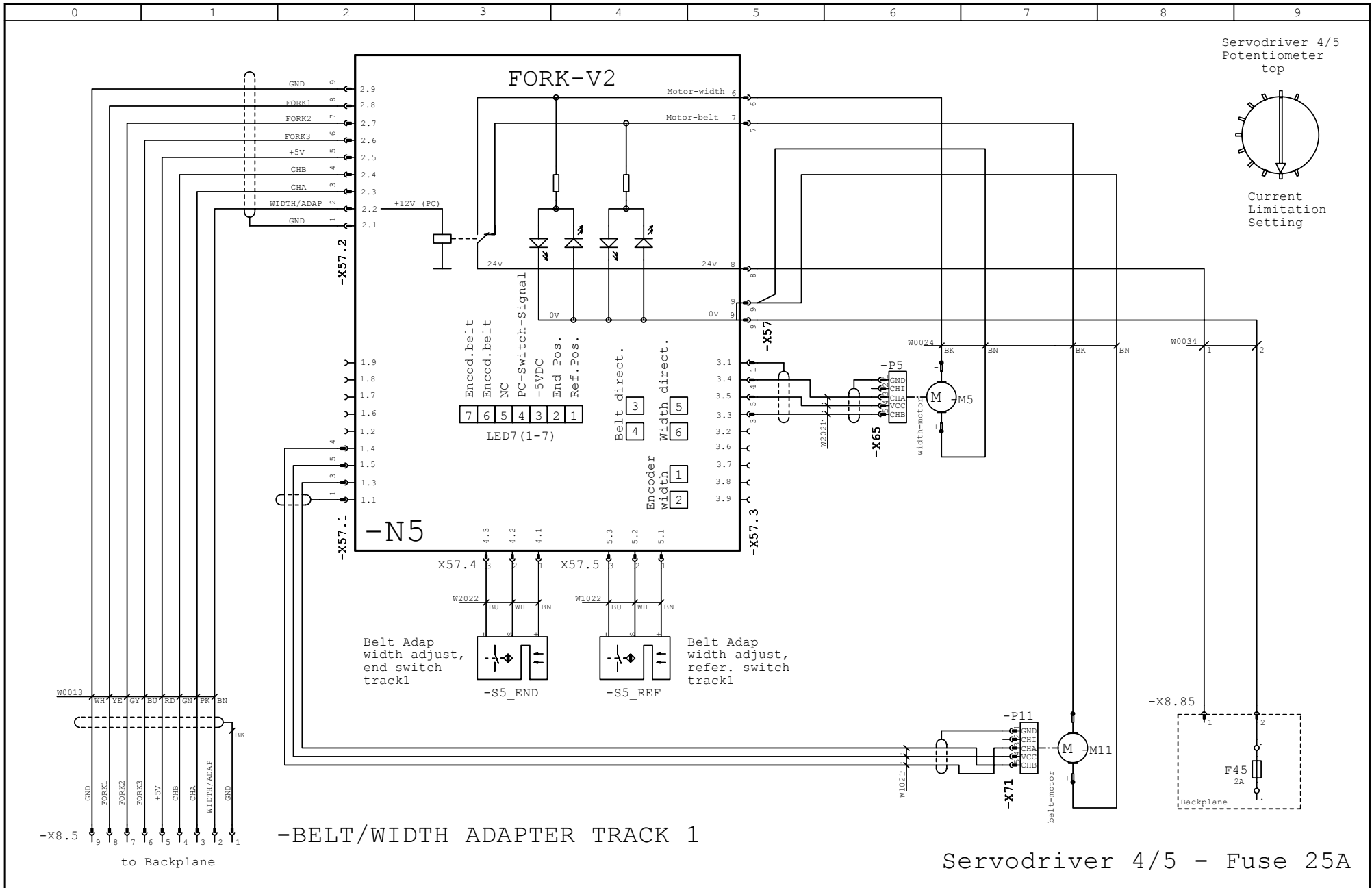


Current
Limitation
Setting

-BELT/WIDTH N-1 TRACK 1

Servodriver 4/5 - Fuse 25A

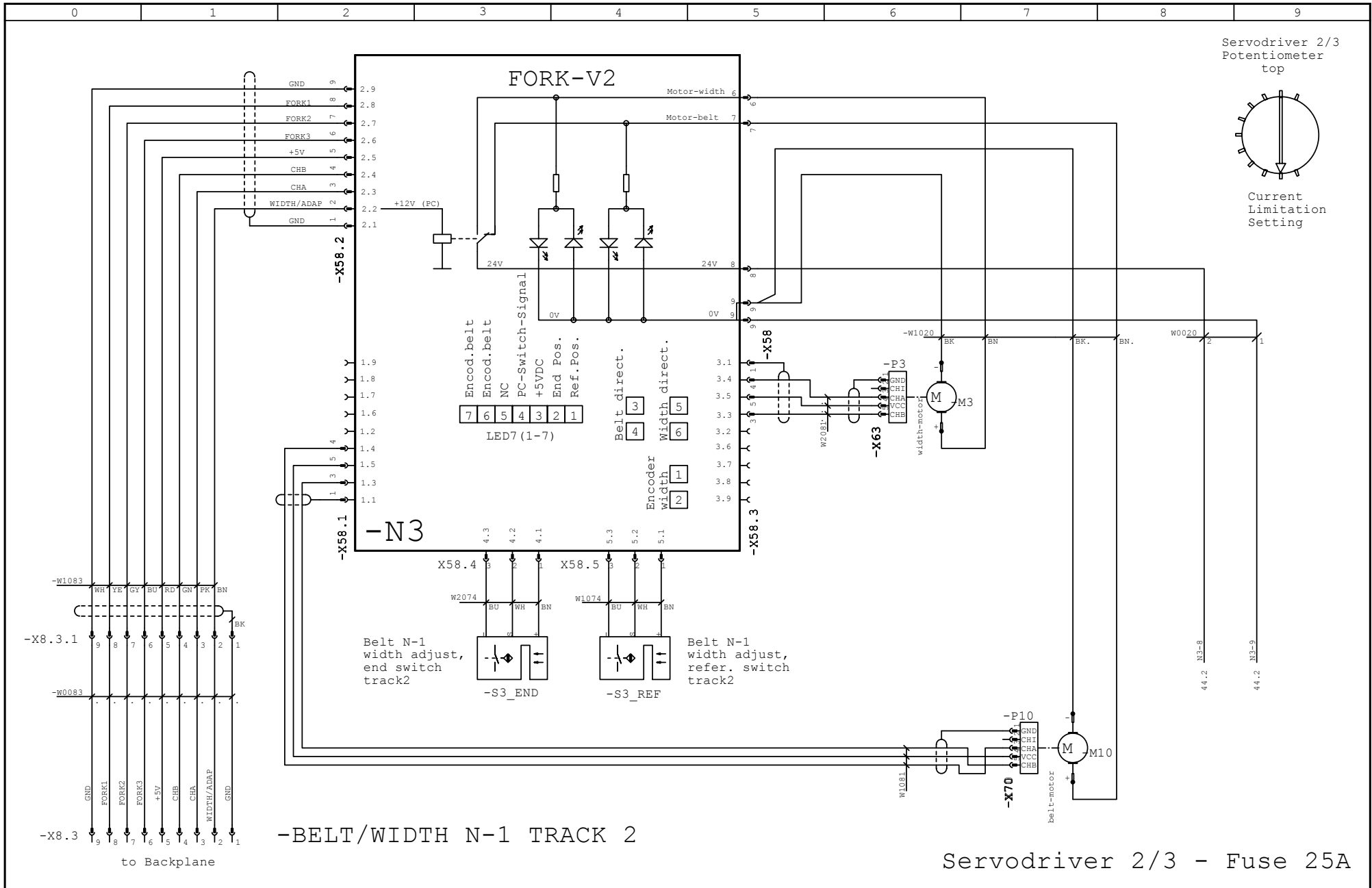
				date	08.09.05	FLU-30000-ED		FLASH	Orbotech Schuh	Band/Breite N-1 Track 1		=
				designed	Maischik					belt/width N-1 track 1		+
				approved								sheet 26
state	changing	date	name	norm	Dateiname: Symbion_SC_Rev_D							103



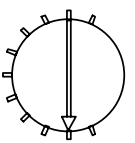
-BELT/WIDTH ADAPTER TRACK 1

Servodriver 4/5 - Fuse 25A

		date		08.09.05		FLU-30000-ED		FLASH		Orbotech Schuh		Band/Breite Adapter Track 1		=	
		designed		Maischik								belt/width adapter track 1		+	
		approved												sheet 27	
state		changing		date		name		norm		Dateiname: Symbion_SC_Rev_D				103	



Servodriver 2/3
Potentiometer
top

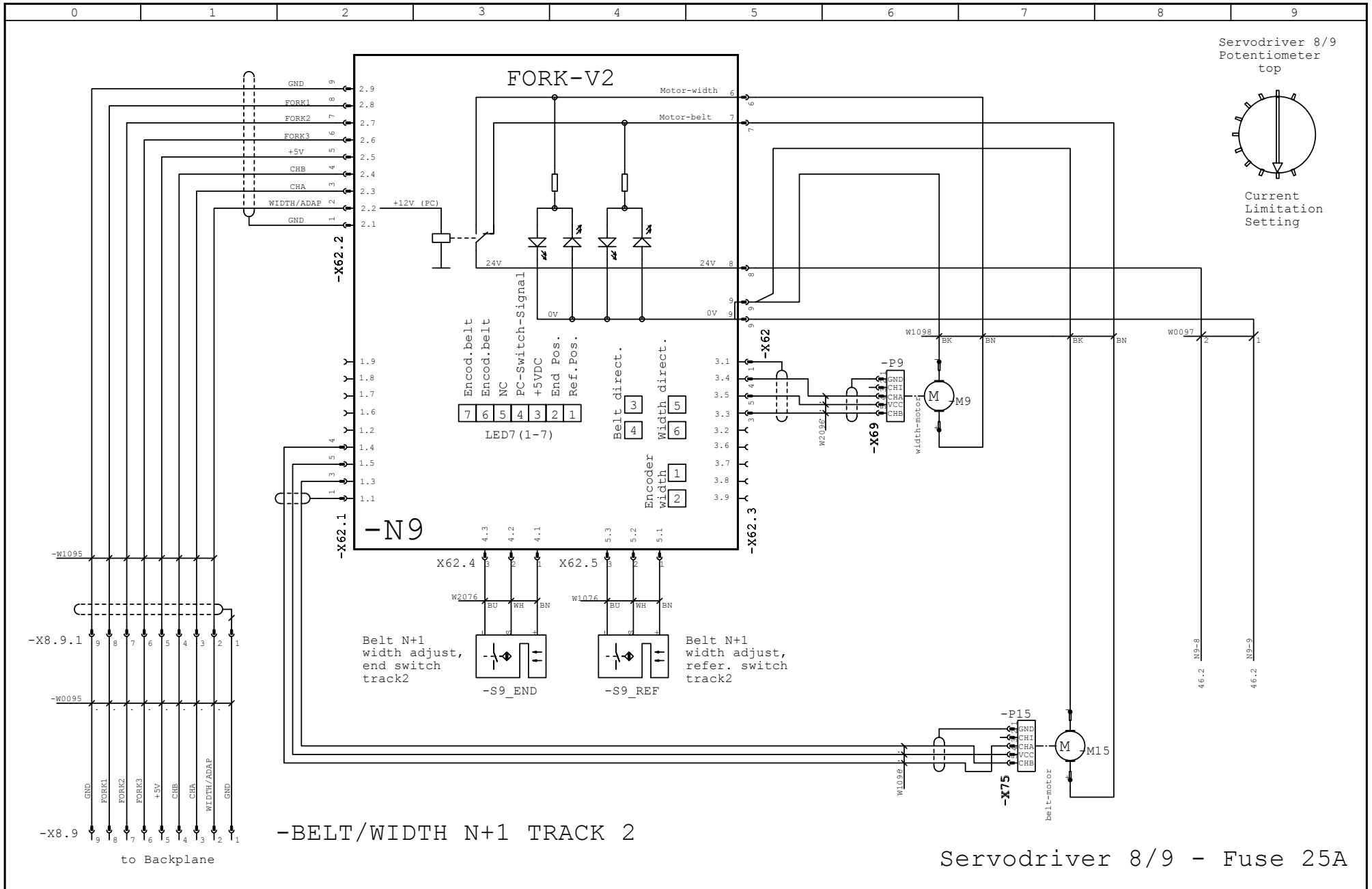


Current
Limitation
Setting

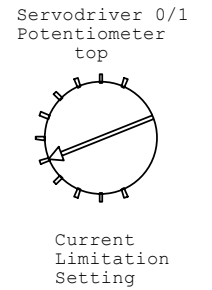
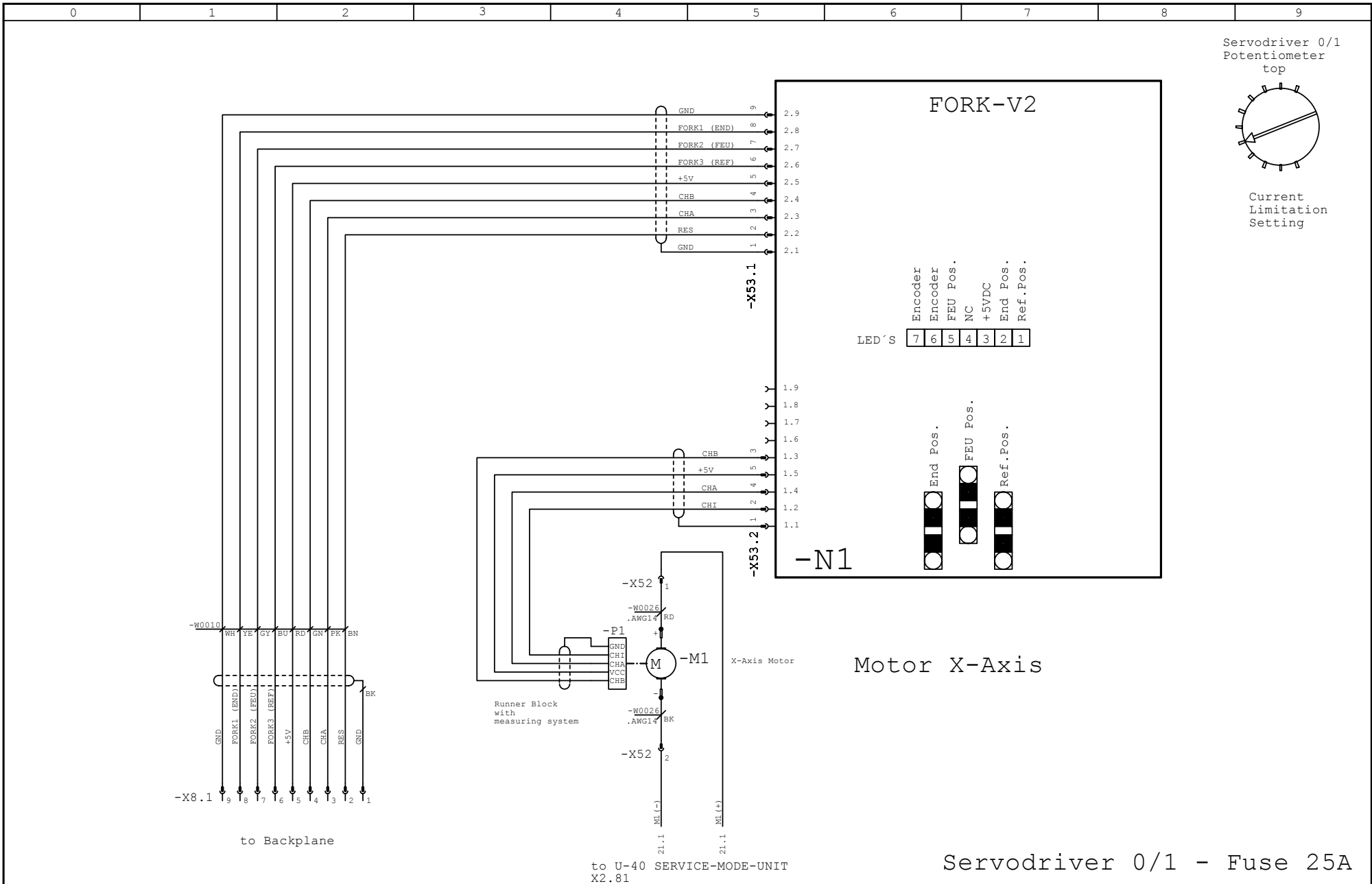
-BELT/WIDTH N-1 TRACK 2

Servodriver 2/3 - Fuse 25A

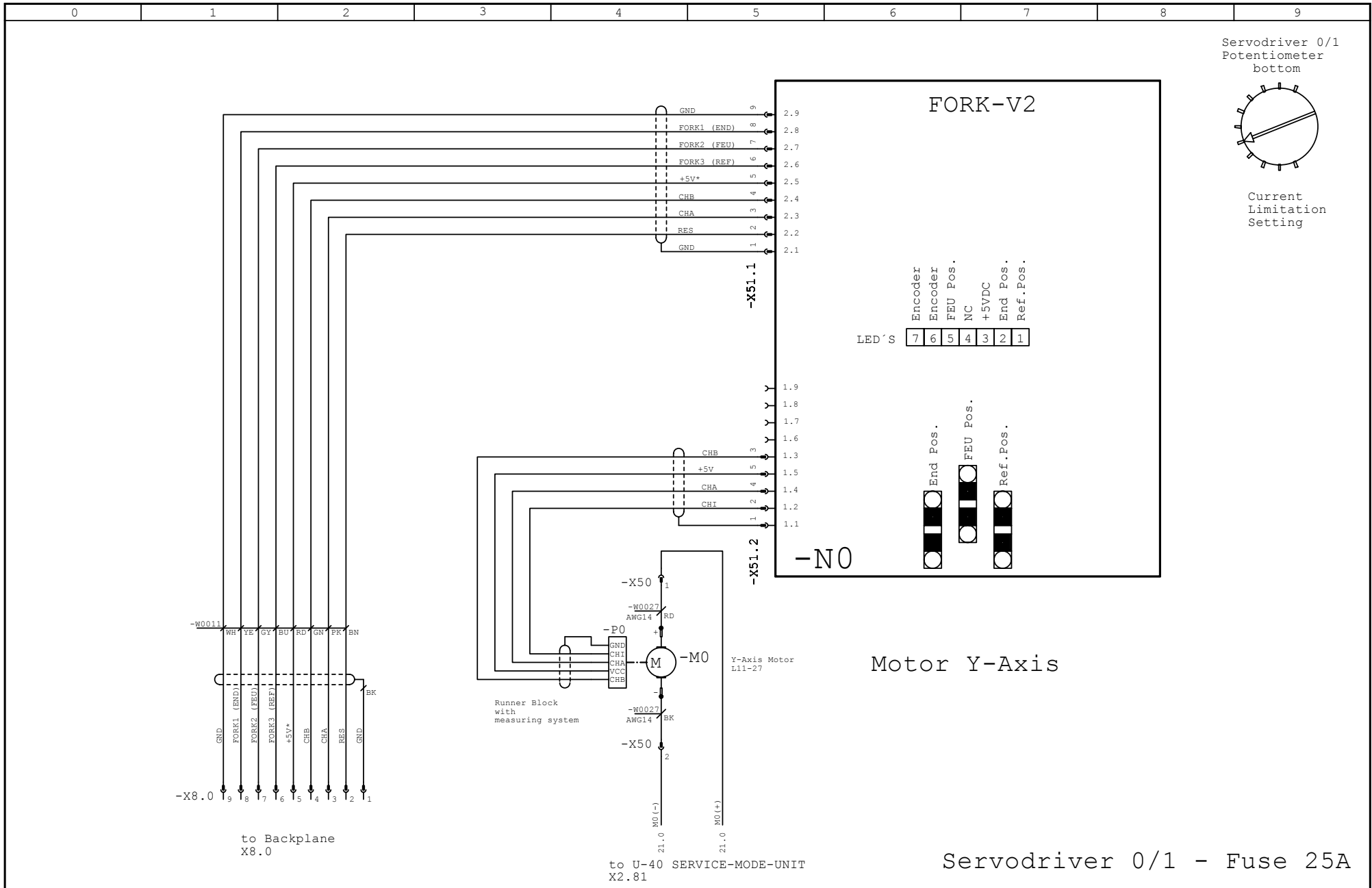
		date 08.09.05		FLU-30000-ED		FLASH		Orbotech Schuh		Band/Breite N-1 Track 2		=	
		designed Maischik								belt/width N-1 track 2		+	
		approved										sheet 29	
state	changing	date	name	norm	Dateiname: Symbion_SC_Rev_D								103



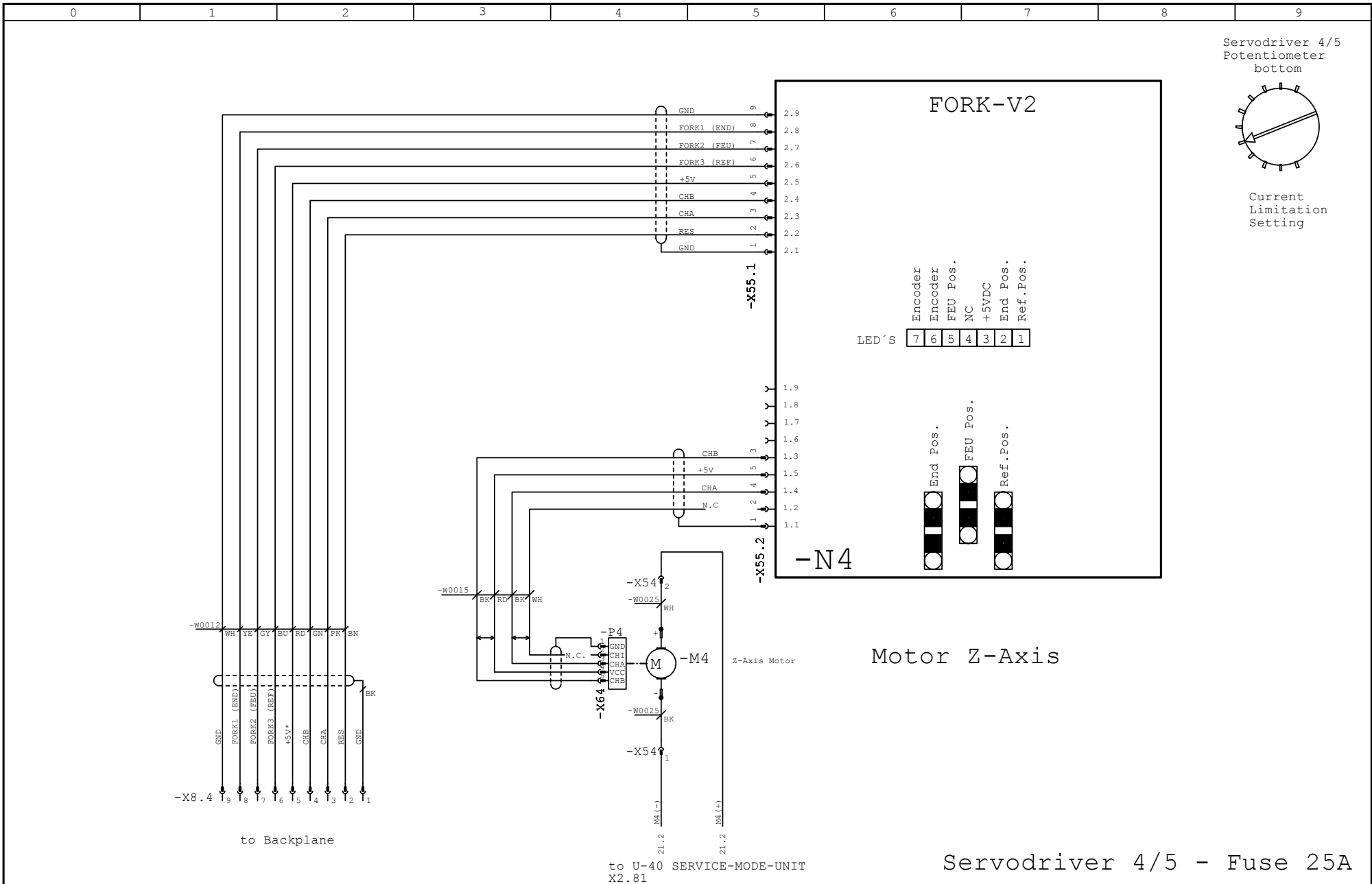
		date		08.09.05		FLU-30000-ED		FLASH		Orbotech Schuh		Band/Breite N+1 Track 2		=	
		designed		Maischik								belt/width N+1 track 2		+	
		approved												sheet 31	
state		changing		date		name		norm		Dateiname: Symbion_SC_Rev_D				103	



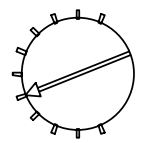
			date	08.09.05	FLU-30000-ED	FLASH		Motor X-Achse		=
			designed	Maischik				motor X-axis		+
state	changing	date	name	norm	Dateiname: Symbion_SC_Rev_D				103	



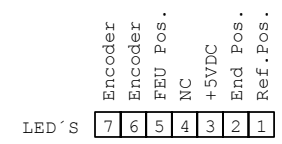
		date	08.09.05	FLU-30000-ED	FLASH	Orbotech Schuh	Motor Y-Achse	=
		designed	Maischik				+	sheet 33
state	changing	date	name	norm	Dateiname: Symbion_SC_Rev_D		motor Y-axis	103



Servodriver 4/5
Potentiometer
bottom



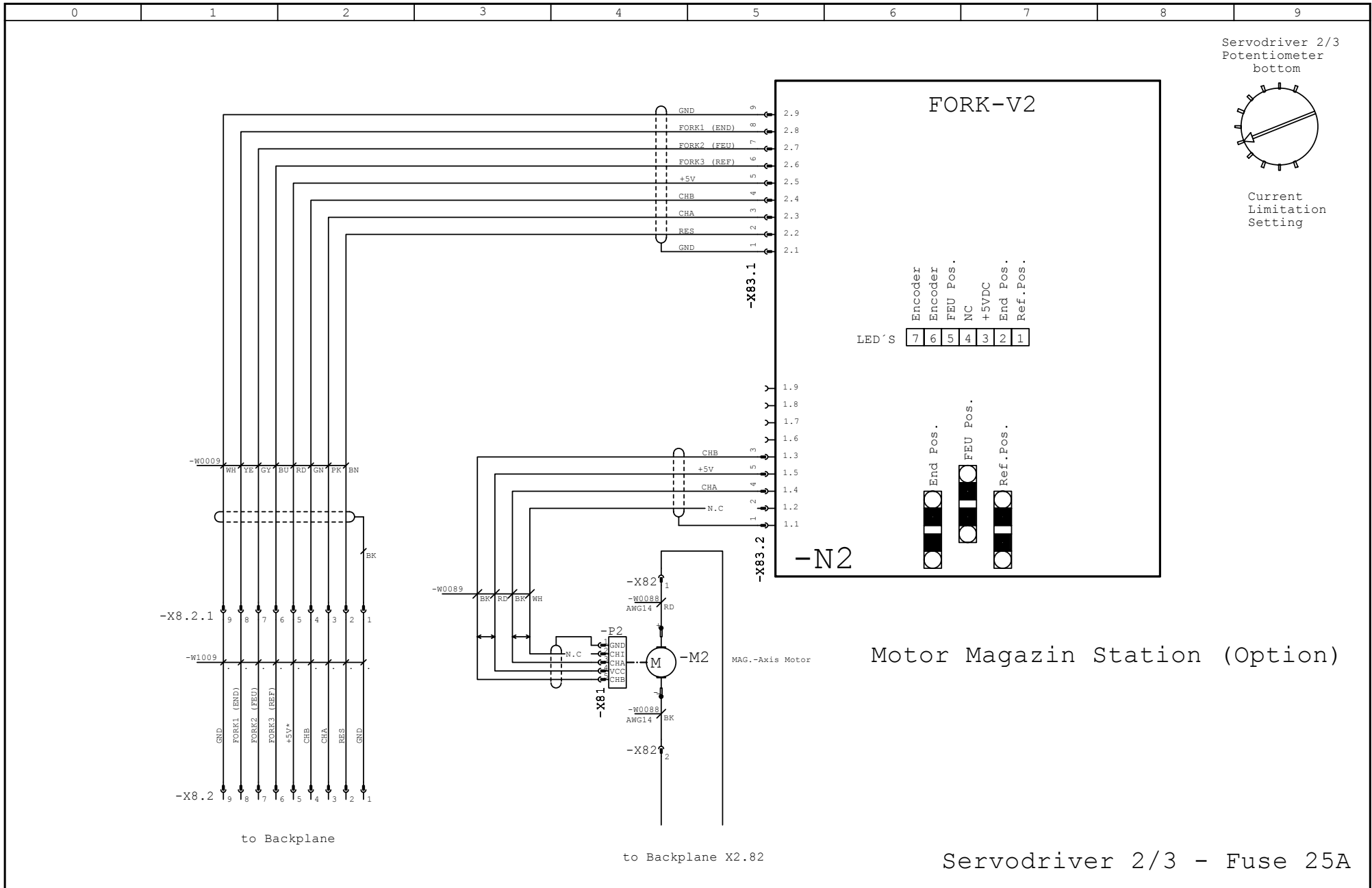
Current
Limitation
Setting



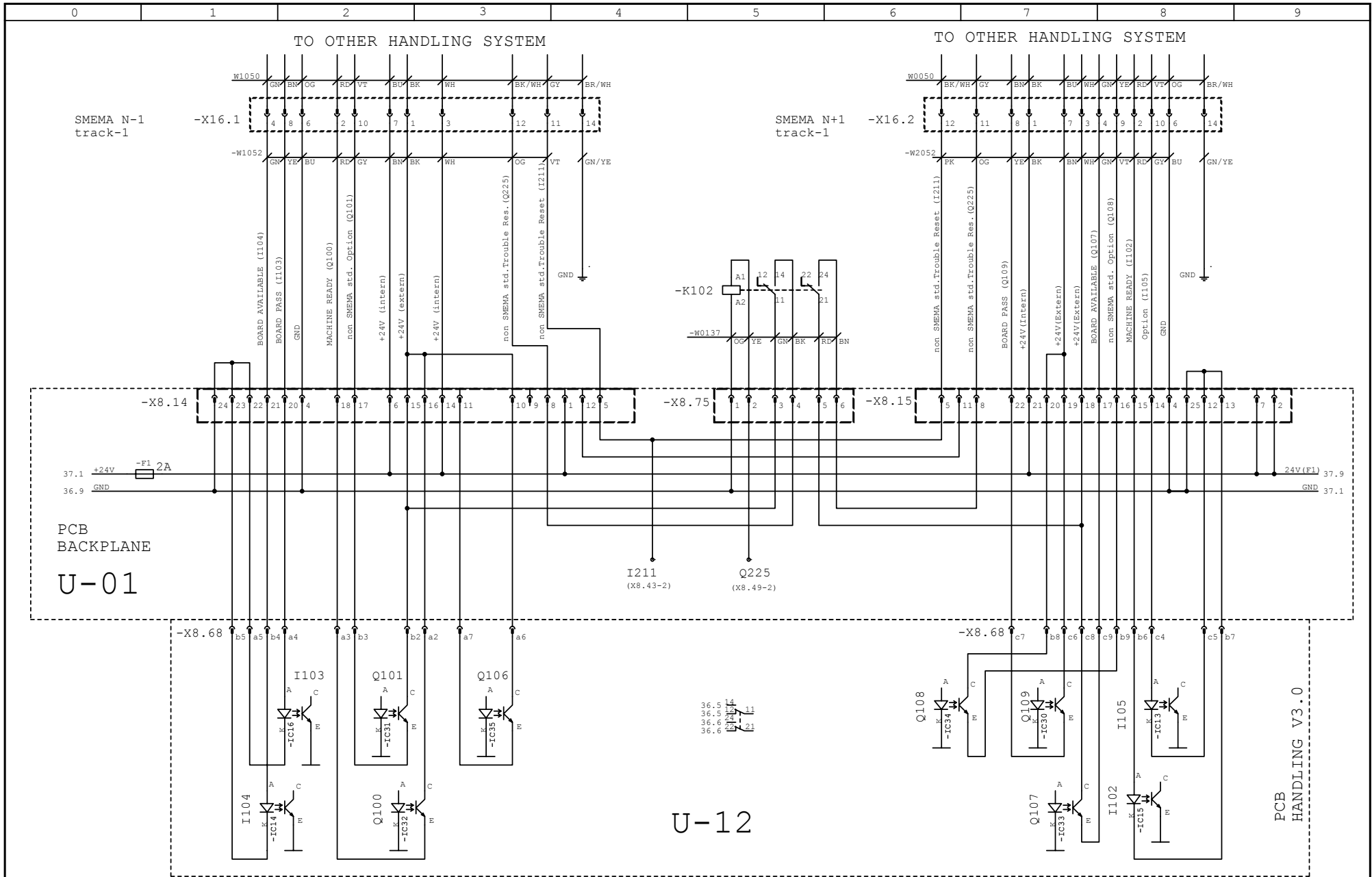
Motor Z-Axis

Servodriver 4/5 - Fuse 25A

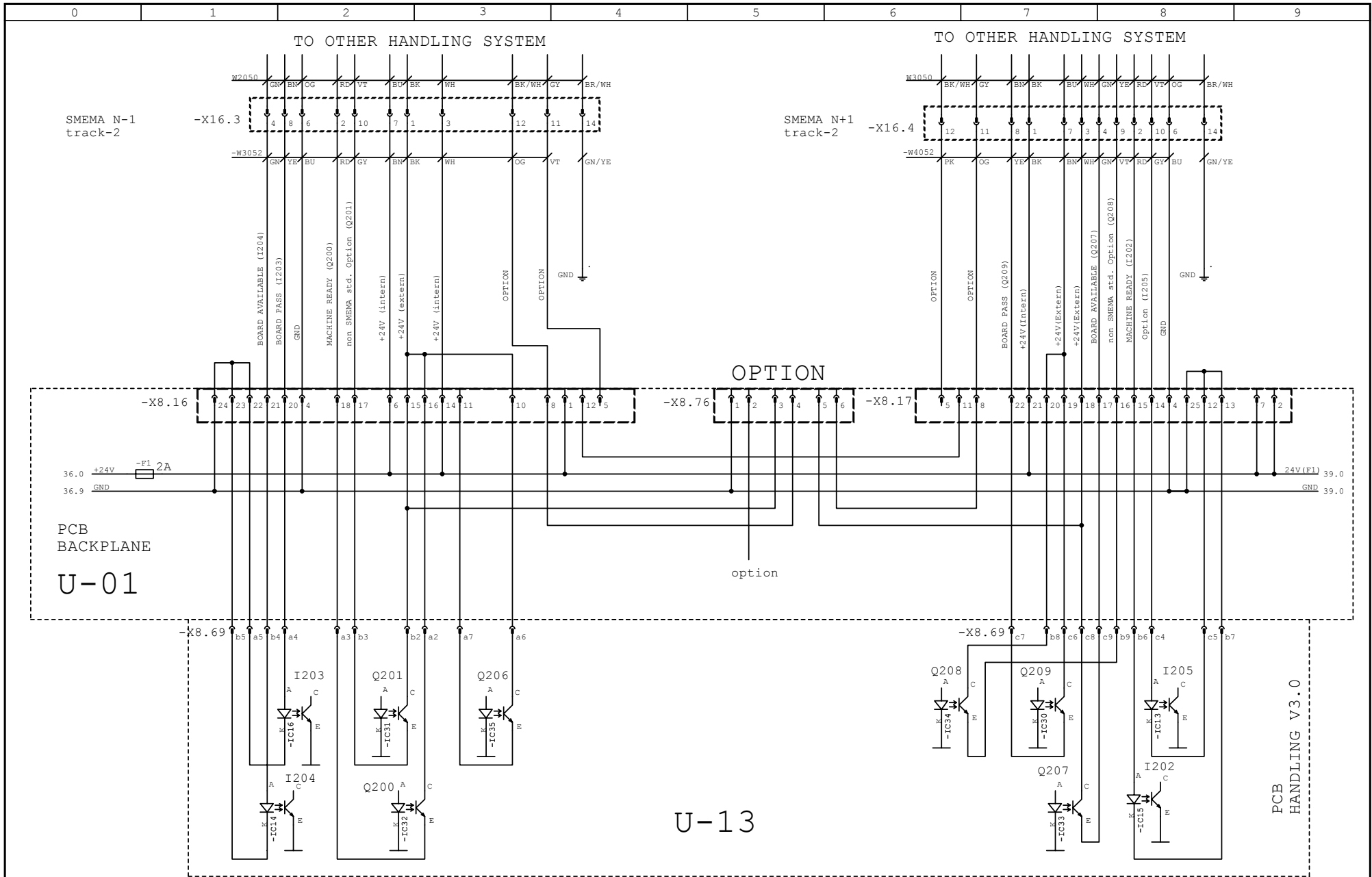
		date 08.09.05		FLU-30000-ED		FLASH		Orbotech Schuh		Motor Z-Achse		=	
		designed Maischik								motor Z-axis		sheet 34	
state		changing		date		name		norm		Dateiname: Symbion_SC_Rev_D		103	



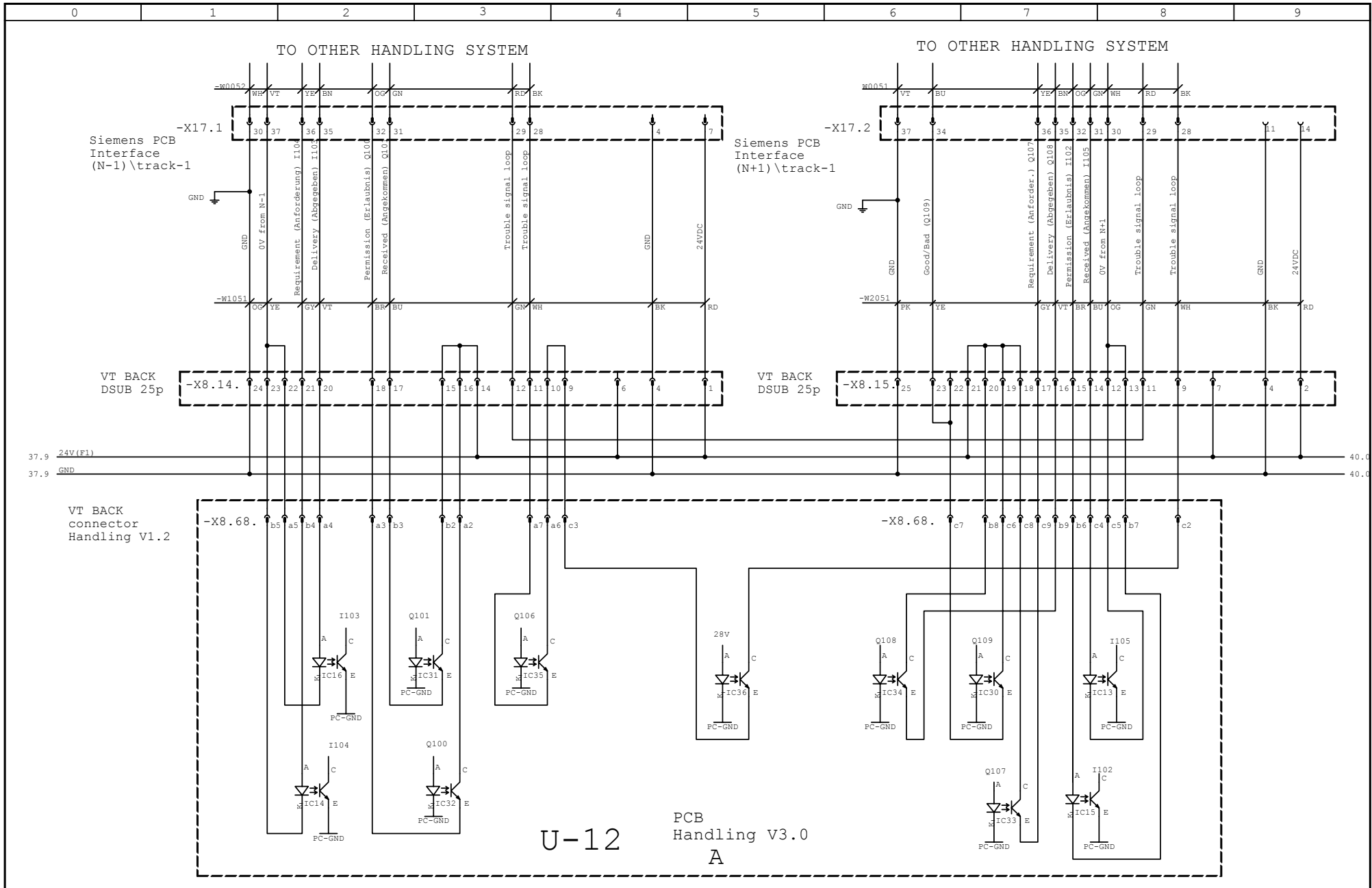
		date	08.09.05	FLU-30000-ED	FLASH		Motor Mag.-Achse (option)	=		
		designed	Maischik				+			sheet 35
		approved					-			103
state	changing	date	name	norm	Dateiname: Symbion_SC_Rev_D					



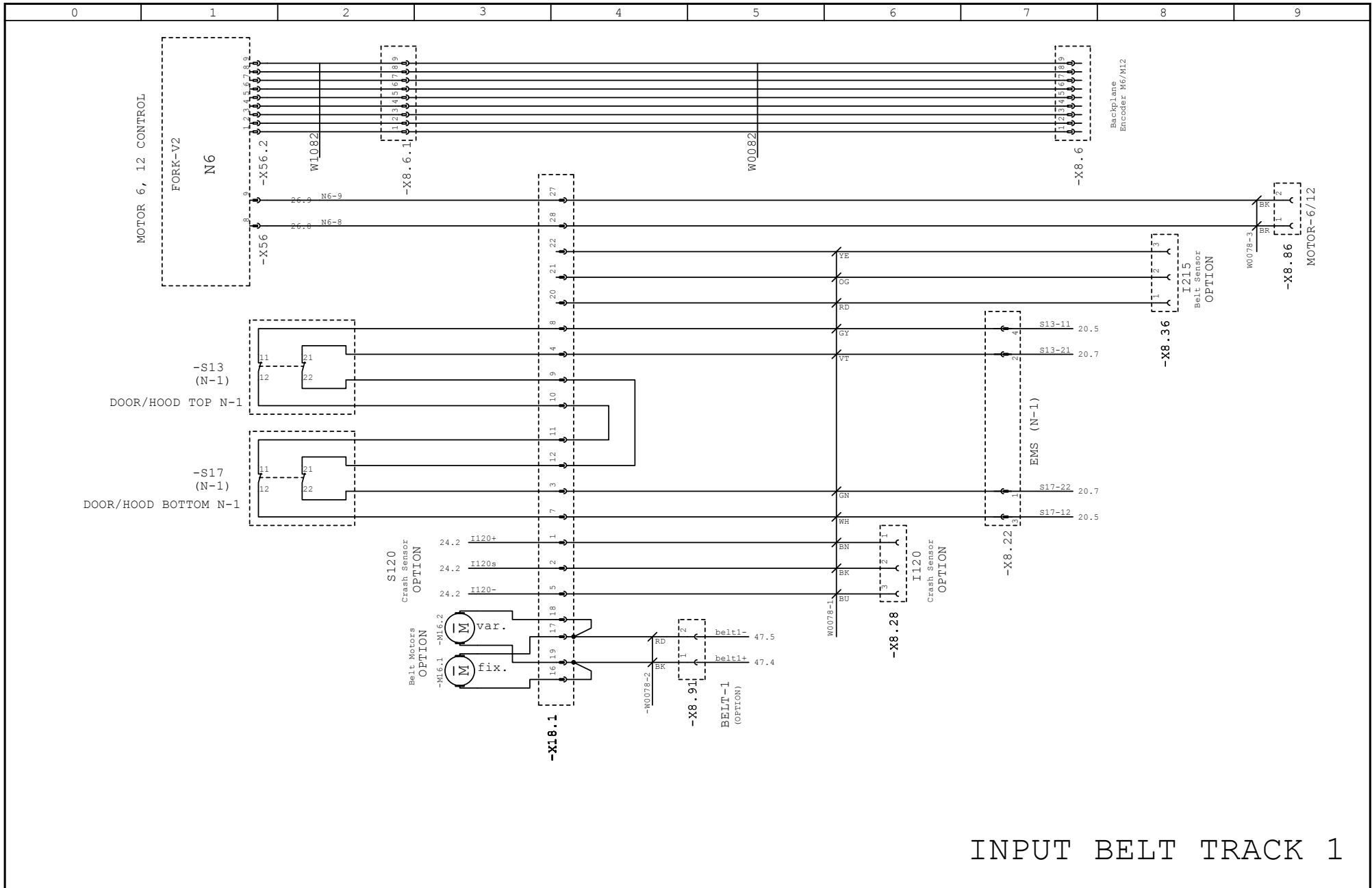
		date 08.09.05		FLU-30000-ED		FLASH		Orbotech Schuh		SMEMA Schnittst. Track1			
		designed Maischik								SMEMA interface track1			
state changing		date name norm		Dateiname: Symbion_SC_Rev_D								sheet 36 103	



				date	08.09.05	FLU-30000-ED	FLASH	Orbotech Schuh	SMEMA Schnittst. Track2	=	
			designed	Maischik					SMEMA interface track2	+	
state	changing	date	name	norm	Dateiname: Symbion_SC_Rev_D						sheet 37
										103	

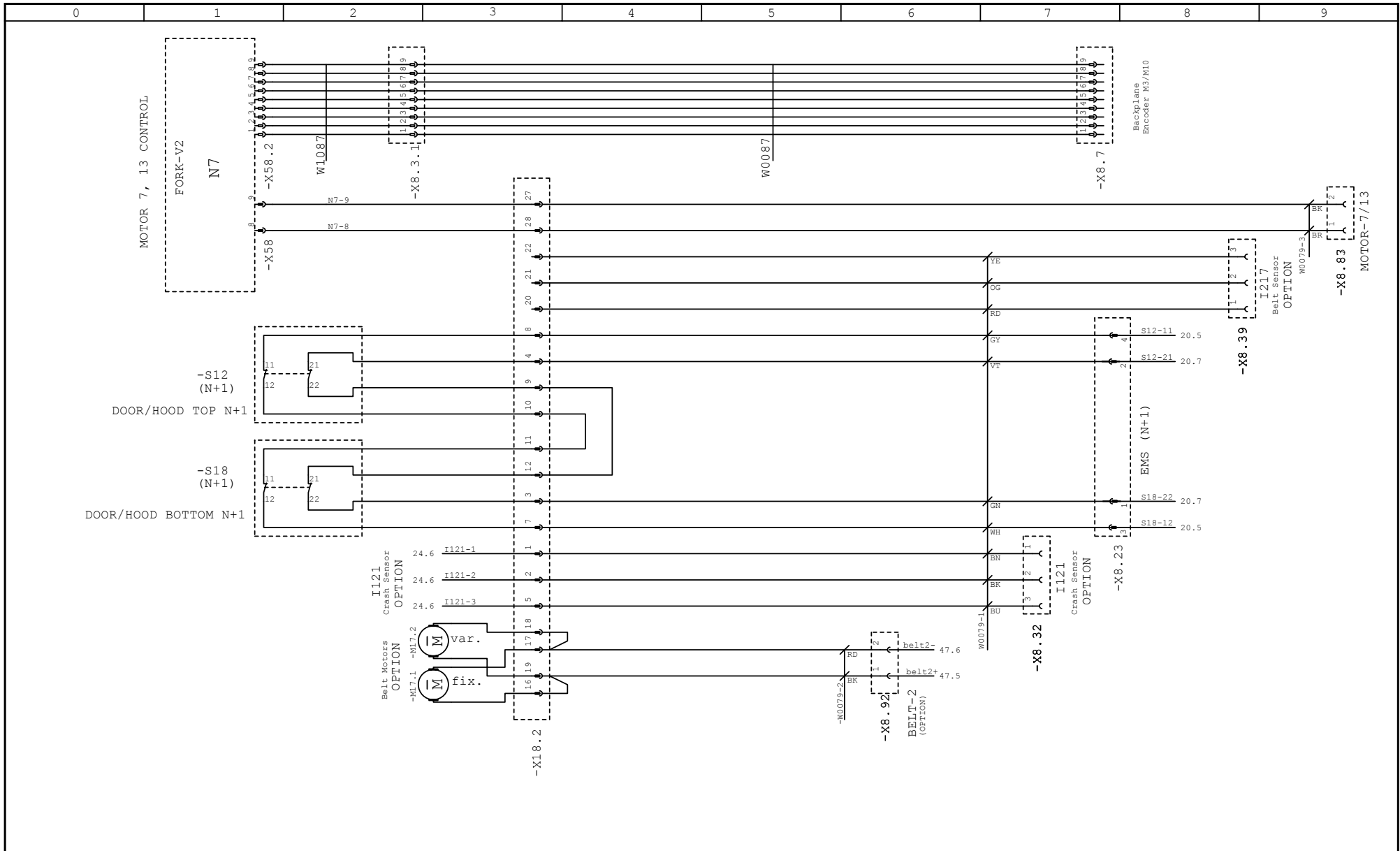


		date 08.09.05		FLU-30000-ED		FLASH		Orbotech Schuh		Siemens Schnittst. Track1		=	
		designed Maischik								Siemens interface track1		+	
		approved										sheet 39	
state	changing	date	name	norm	Dateiname: Symbion_SC_Rev_D							103	



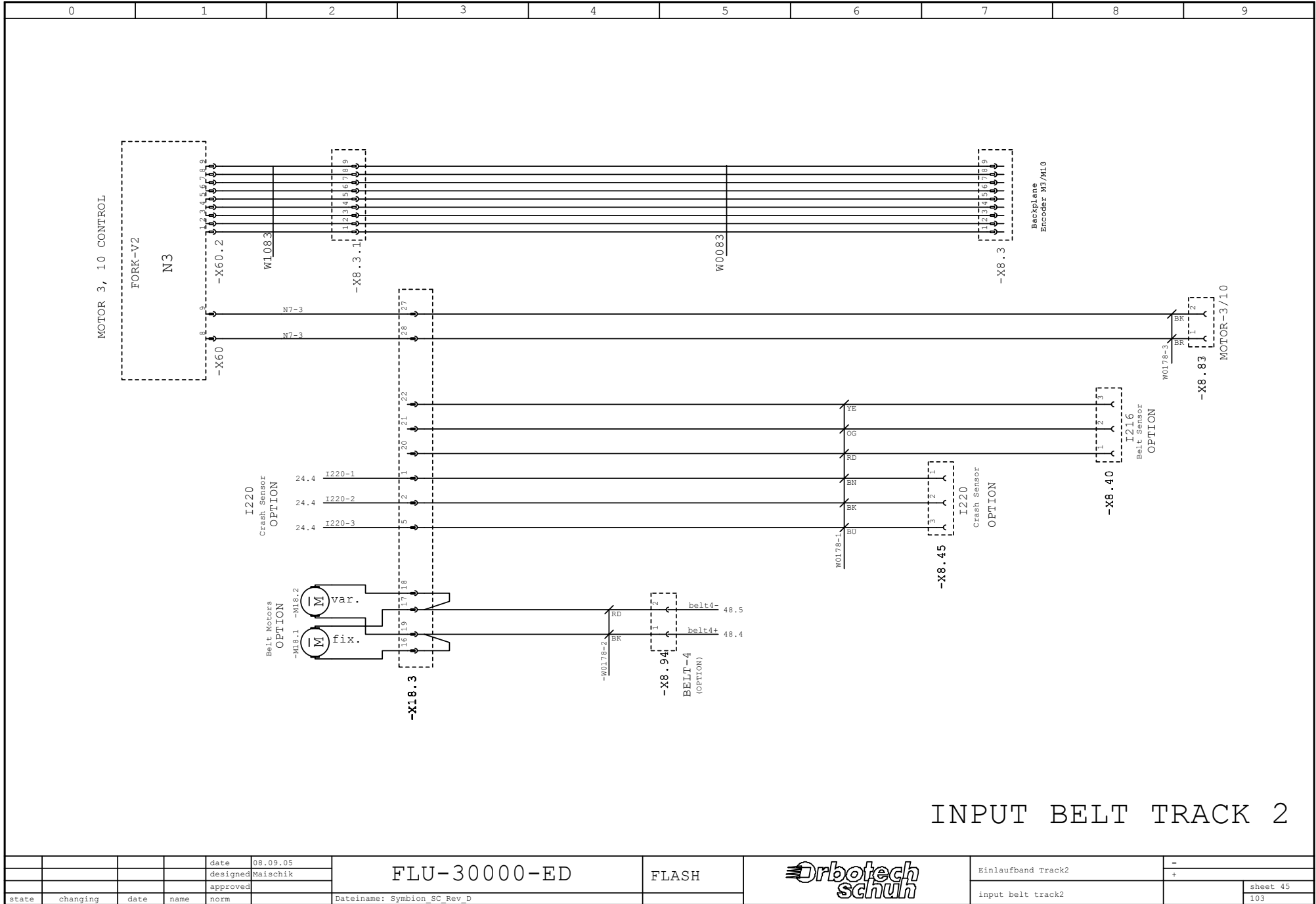
INPUT BELT TRACK 1

				date	08.09.05	FLU-30000-ED	FLASH	Orbotech Schuh	Einlaufband Track1		=	
				designed	Maischik				input belt track1		+	
				approved								sheet 43
state	changing	date	name	norm	Dateiname: Symbion_SC_Rev_D					103		



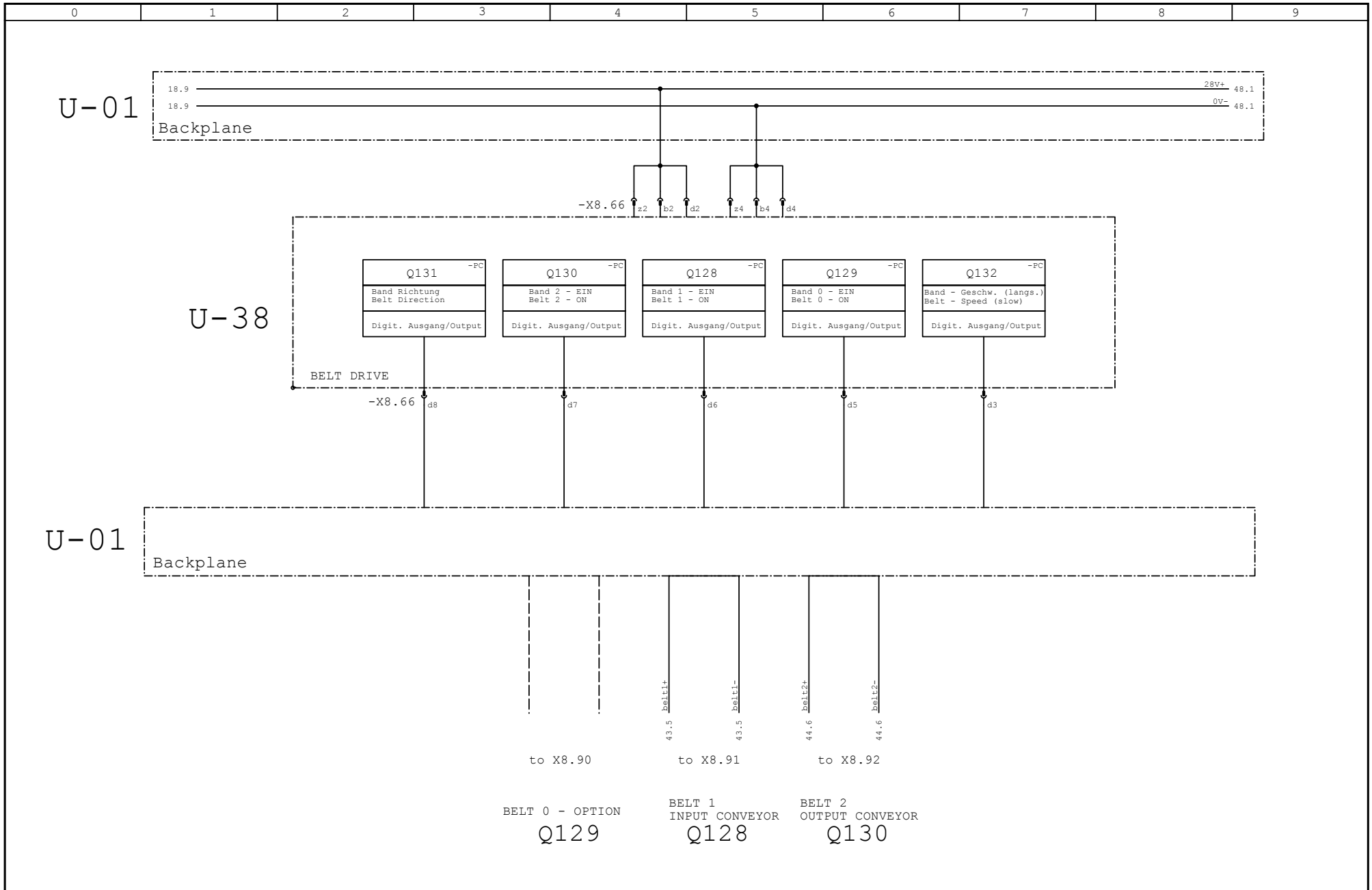
OUTPUT BELT TRACK 1

				date	08.09.05	FLU-30000-ED	FLASH	Orbotech Schuh	Auslaufband Track1	=	
				designed	Maischik				output belt track1	+	sheet 44
state	changing	date	name	norm	Dateiname: Symbion_SC_Rev_D						103

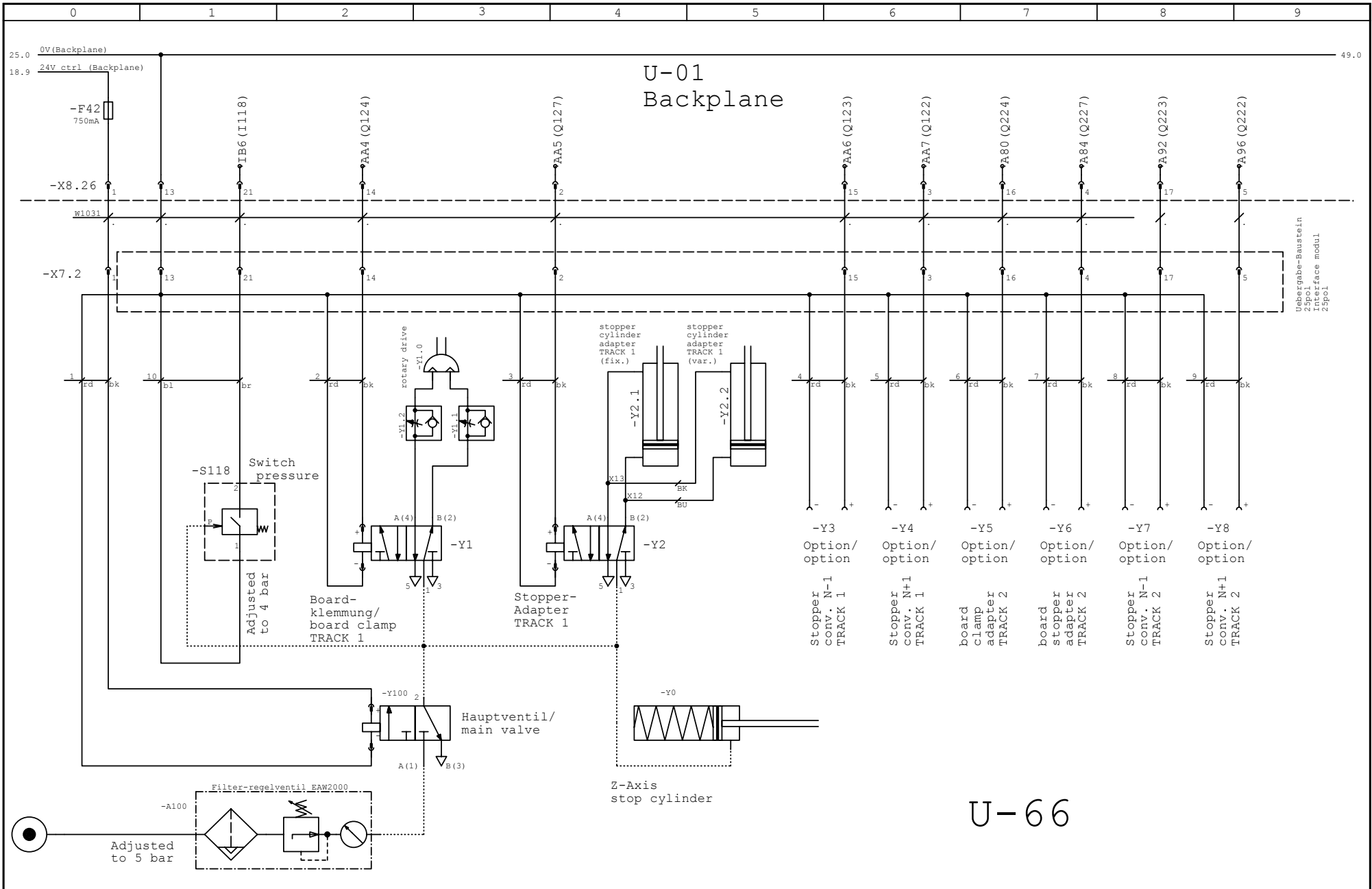


INPUT BELT TRACK 2

				date	08.09.05	FLU-30000-ED	FLASH	Orbotech Schuh	Einlaufband Track2	=				
				designed	Maischik						Dateiname: Symbion_SC_Rev_D	input belt track2	+	sheet 45
				approved										
state	changing	date	name	norm										



				date	08.09.05	FLU-30000-ED	FLASH	Orbotech Schuh	Band-Motoren Track1 (Option)	=	
				designed	Maischik					+	
				approved							sheet 47
state	changing	date	name	norm	Dateiname: Symbion_SC_Rev_D					103	

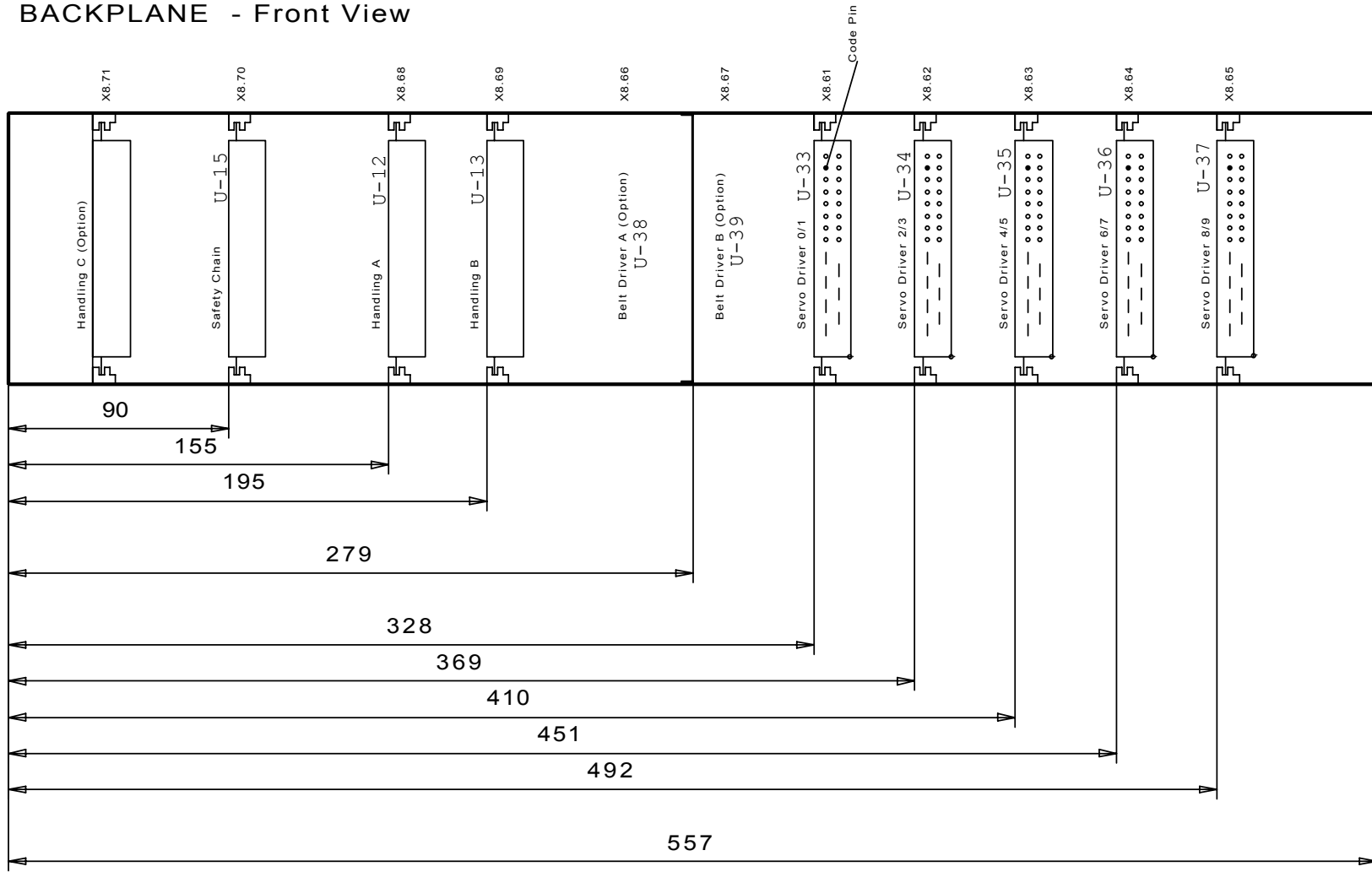


U-01
Backplane

U-66

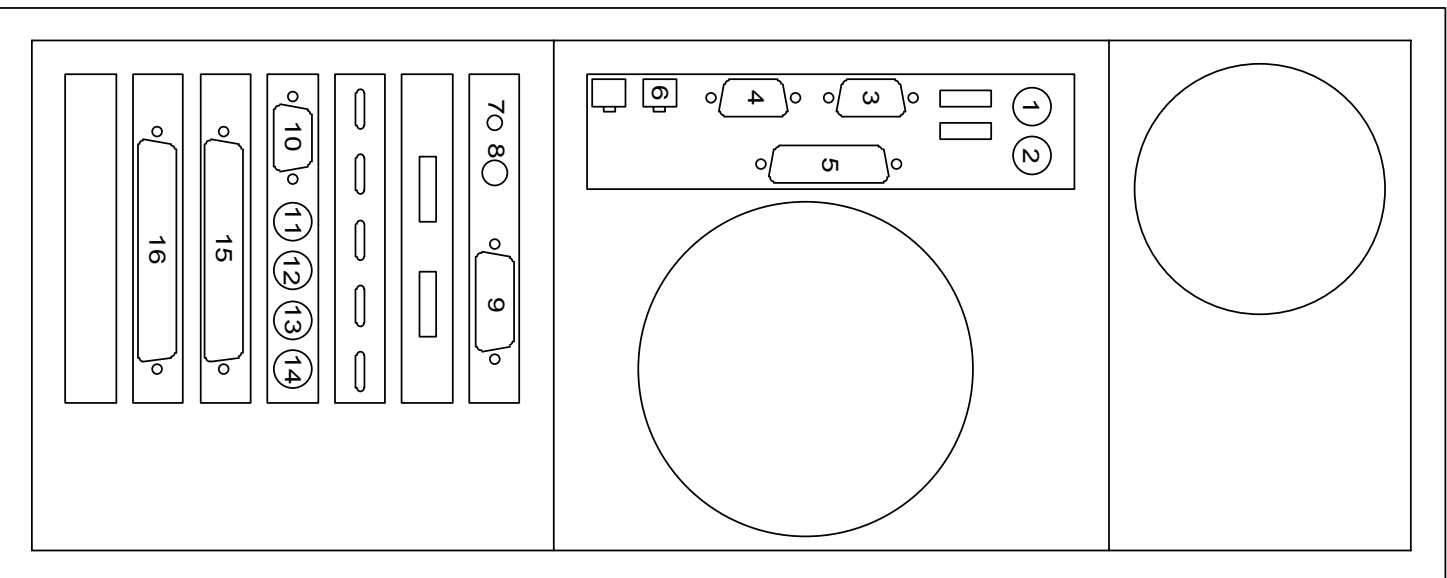
		date 08.09.05		FLU-30000-ED		FLASH		Orbotech Schuh		Ventilinsel			
		designed Maischik								pneumatic panel		=	
		approved										+	
state	changing	date	name	norm	Dateiname: Symbion_SC_Rev_D							sheet 49	
												103	

BACKPLANE - Front View



				date	08.09.05	FLU-30000-ED	FLASH		Backplane - Vorderansicht	=	
				designed	Maischik				backplane - front view	+	sheet 50
state	changing	date	name	norm					Dateiname: Symbion_SC_Rev_D		103

PC BACK VIEW



- 1) X20.2 KEYBOARD
- 2) X20.3 MOUSE
- 3) X20.1 COM1
- 4) X20.4 VGA
- 5) X20.7 LPT1
- 6) X20.5 LAN
- 7) TRIGGER CABLE TO X64-AN
- 8) X30.20 POWER SUPPLY FOR 2M30
- 9) X21.5 FLASH BACKPLANE
- 10) TRIGGER CABLE FROM X64-AN
- 11) X30.24 ANALOG CAMERA WEST
- 12) X30.23 ANALOG CAMERA NORTH
- 13) X30.22 ANALOG CAMERA EAST
- 14) X30.21 ANALOG CAMERA SOUTH
- 15) X23.1 I/O CONTROLLER
- 16) X22 MOTORCONTROLLA



PC Hinterseite

PC back view

=

+

sheet 51
103

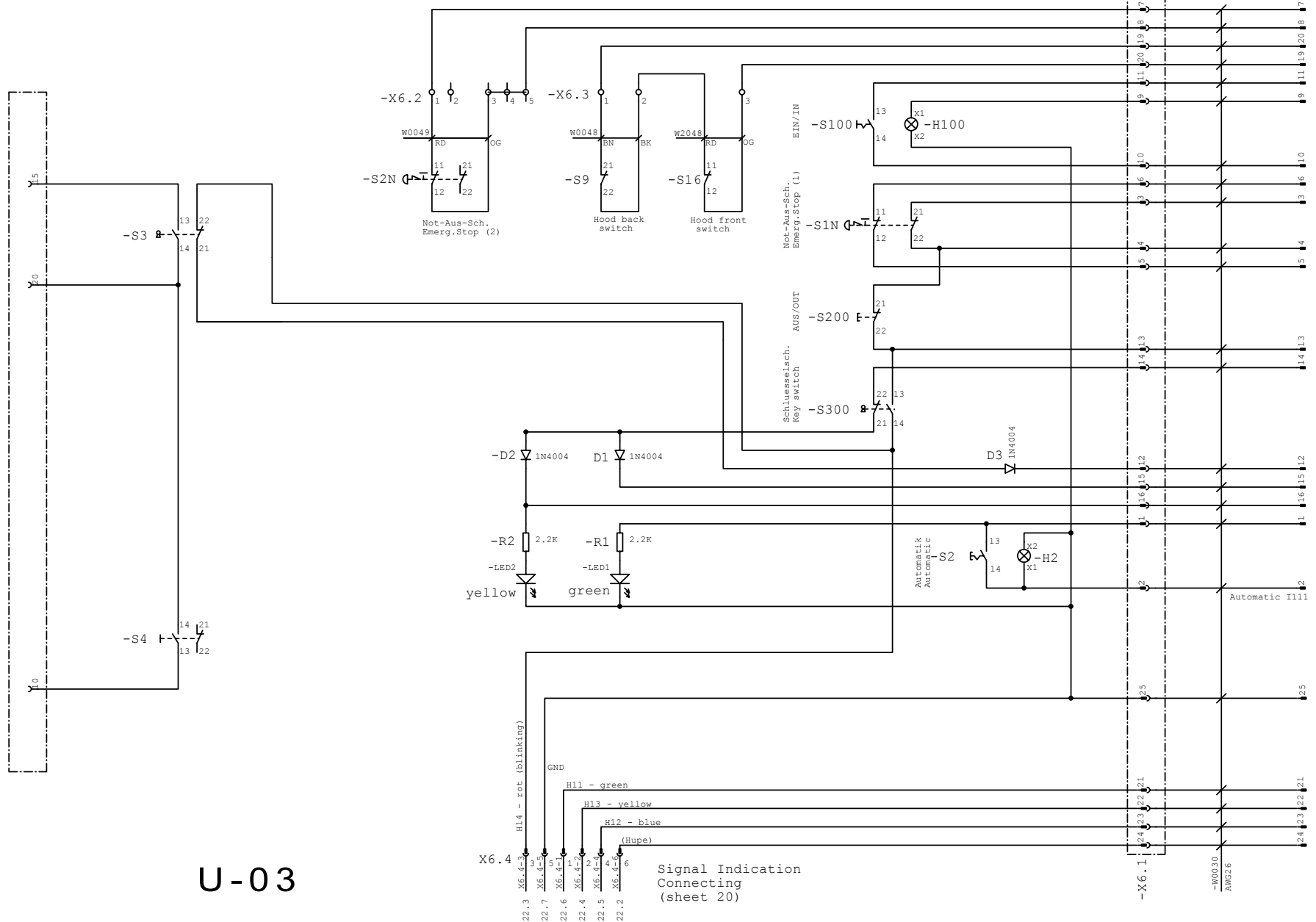
FLU-30000-ED

FLASH

Dateiname: Symbion_SC_Rev_D

date	08.09.05
designed	Maischik
approved	
state	changing
date	
name	
norm	

Exp. Connecting 25p female



U-03

Signal Indication Connecting (sheet 20)

to Backplane X8.13

		date		08.09.05		FLU-30000-ED		FLASH		Orbotech Schuh		Bedienpult		+ =	
		designed		Maischik								control panel		sheet 52	
state		changing		date		name		norm		Dateiname: Symbion_SC_Rev_D				103	

Materialliste / Parts list

Blatt (sheet) :1

lfd.Nr No	Anz. Quantity	Name Name	Art.Nr Art.No	Bezugsnamen Delivery	Blatt Sheet	Hersteller Manufacturer	Teilenummer Part number
1	1	Filter-regelventil EAW2000	check valve	110.60.20000	-A100		
2	1	Kondensator 4700UF	Capacitor 4700UF	013.14.47006	-C1		
3	1	Diode 6A	Dioda 6A	025.51.06000	-D10		
4	1	Diode 6A	Dioda 6A	025.51.06000	-D20		
5	1	Fehlerstrom-Schutzschalt. 0,01A	Earth leakage circuit breaker	0351447	-F0		
6	1	Sicherung 2,5A TT	Time lag fuse 2,5A	032.00.00250	-F2		
7	1	KFZ Sicher.	Fuse Blade	0363225	-F3		
8	1	Ueberspannungs schutz	Overvoltage protector	0350835	-F100		
9	1	Sich.steck.mit Leucht.	neon bulb	0360215	-H200		
10	1	RELAIS-NOT-AUS SNO	Emargency stop relay	0356761	-K100		
11	1	Leistungsschütz Gleichsp	contactor	062.01.00240	-K101		
12	1	2-pole changeover relays	changeover relays	062.00.01242	-K102		
13	1	Leistungsschütz DIL0AM-G/11	contactor	0360211	-K200		
14	1	Sicherheitsschalter G7S	safety relay	0357242	-K201		
15	1	Sicherheitsschalter G7S	safety relay	0357242	-K202		
16	1	RELAIS lpol (G2R-1-SN)	relay	044187	-K203		
17	1	Leistungsschütz Gleichsp	contactor	062.01.00240	-K204		
18	1	Leistungsschütz Gleichsp	contactor	062.01.00240	-K205		
19	1	Motor (Y-Achse)	Motor (Y-Axis)	073-01-04175	-M0		
20	1	Motor (X-Achse)	Motor (X-Axis)	073-01-04175	-M1		
21	1	Maxon Motor	Maxon Motor	0355164	-M3		
22	1	Motor (Z-Achse)	Motor (Z-Axis)	0353851	-M4		
23	1	Maxon Motor	Maxon Motor	0355164	-M5		
24	1	Maxon Motor	Maxon Motor	0355164	-M6		
25	1	Maxon Motor	Maxon Motor	0355164	-M7		
26	1	Maxon Motor	Maxon Motor	0355164	-M8		
27	1	Maxon Motor	Maxon Motor	0355164	-M9		
28	1	Maxon Motor	Maxon Motor	0355164	-M10		
29	1	Maxon Motor	Motor (Adapter)	0355164	-M11		
30	1	Maxon Motor	Maxon Motor	0355164	-M12		
31	1	Maxon Motor	Maxon Motor	0355164	-M13		
32	1	Maxon Motor	Maxon Motor	0355164	-M14		
33	1	Maxon Motor	Maxon Motor	0355164	-M15		
34	1	Maxon-Motor 24V 30:1	Maxon Motor	073.01.21400	-M16.1		
35	1	Maxon-Motor 24V 30:1	Maxon Motor	073.01.21400	-M16.2		
36	1	Maxon-Motor 24V 30:1	Maxon Motor	073.01.21400	-M17.1		

Materialliste / Parts list

Blatt (sheet) :2

lfd.Nr No	Anz. Quantity	Name Name	Art.Nr Art.No	Bezugsnamen Delivery	Blatt Sheet	Hersteller Manufacturer	Teilenummer Part number
37	1	Maxon-Motor 24V 30:1	Maxon Motor	073.01.21400	-M17.2		44.3
38	1	Maxon-Motor 24V 30:1	Maxon Motor	073.01.21400	-M18.1		45.2
39	1	Maxon-Motor 24V 30:1	Maxon Motor	073.01.21400	-M18.2		45.2
40	1	Maxon-Motor 24V 30:1	Maxon Motor	073.01.21400	-M19.1		46.2
41	1	Maxon-Motor 24V 30:1	Maxon Motor	073.01.21400	-M19.2		46.2
42	1	Ventilator	Tubeaxial Fan	0334646	-M20		42.2
43	1	Ventilator	Tubeaxial Fan	0334646	-M21		42.3
44	1	Ventilator	Tubeaxial Fan	0334646	-M22		42.4
45	1	Ventilator	Tubeaxial Fan	151.00.00414	-M23		42.7
46	1	Fork-V2 X/Y/Z	N0 Fork-XYZ	0353734A	-N0		33.5
47	1	Fork-V2 X/Y/Z	PCB Fork 2 XYZ	0353734A	-N1		32.5
48	1	Fork-V2 belt+width	Fork-V2 belt+width	0353731A	-N3		28.2
49	1	Fork-V2 X/Y/Z	PCB Fork 2 XYZ	0353734A	-N4		34.5
50	1	Fork-V2 belt+width	Fork-V2 belt+width	0353731A	-N5		27.2
51	1	Fork-V2 belt+width	Fork-V2 belt+width	0353731A	-N6		26.2
52	1	Fork-V2 belt+width	Fork-V2 belt+width	0353731A	-N7		29.2
53	1	Fork-V2 belt+width	Fork-V2 belt+width	0353731A	-N8		30.2
54	1	Fork-V2 belt+width	Fork-V2 belt+width	0353731A	-N9		31.2
55	1	QHauptschalter	Main Switch	060-00-33333	-Q1		18.0
56	1	Widerstand R68	Resistor R68	0360210	-R1		18.6
57	1	RWiderstand 2R7	Resistor 2R7	0376628	-R2		21.2
58	1	RWiderstand 2R7	Resistor 2R7	0376628	-R3		21.2
59	1	RWiderstand 6R8	Resistor 2R7	0376629	-R6		21.1
60	1	RWiderstand 6R8	Resistor 6R8	0376629	-R7		21.1
61	1	Gabellichtschr. PM-L24	Fork sensor	0353437	-S3_END		28.3
62	1	Gabellichtschr. PM-L24	Fork sensor	0353437	-S3_REF		28.4
63	1	Schluesselschalt.	Key swotch	0349243	-S3		20.2
64	1	STaster_S0	Switch	0342232	-S4		13.6
65	1	Gabellichtschr. PM-L24	U-shaped photoel.sensor	0353437	-S5_REF		27.4
66	1	Gabellichtschr. PM-L24	U-shaped photoel.sensor	0353437	-S5_END		27.3
67	1	Gabellichtschr. PM-L24	U-shaped photoel.sensor	0353437	-S6_END		26.3
68	1	Gabellichtschr. PM-L24	U-shaped photoel.sensor	0353437	-S6_REF		26.4
69	1	Gabellichtschr. PM-L24	Fork sensor	0353437	-S7_REF		29.4
70	1	Gabellichtschr. PM-L24	Fork sensor	0353437	-S7_END		29.3
71	1	Gabellichtschr. PM-L24	Fork sensor	0353437	-S8_REF		30.4
72	1	Gabellichtschr. PM-L24	Fork sensor	0353437	-S8_END		30.3

Materialliste / Parts list

Blatt (sheet) : 3

lfd.Nr No	Anz. Quantity	Name Name	Art.Nr Art.No	Bezugsnamen Delivery	Blatt Sheet	Hersteller Manufacturer	Teilenummer Part number
73	1	Sicher.schalter AZ 17-02zk	Safety switch	062.00.00175	-S9		20.7
74	1	Gabellichtschr. PM-L24	Fork sensor	0353437	-S9_END		31.3
75	1	Gabellichtschr. PM-L24	Fork sensor	0353437	-S9_REF		31.4
76	1	Sicher.schalter AZ 17-02zk	Safety switch	062.00.00175	-S10		20.3
77	1	Sicher.schalter AZ 17-02zk	Safety switch	062.00.00175	-S11		20.3
78	1	Sicher.schalter AZ 17-02zk	Safety switch	062.00.00175	-S14		20.3
79	1	Sicher.schalter AZ 17-02zk	Safety switch	062.00.00175	-S15		20.3
80	1	Sicher.schalter AZ 17-02zk	Safety switch	062.00.00175	-S16		20.7
81	1	SUltrasonic_sensor_steck.	ultrasonic-sensor	0376491	-S110		25.2
82	1	Druckluftschalter	Switch pressure	0355281	-S118		49.1
83	1	Lichtschranke Sender	Transmitter	050.00.02010	-S120T		24.2
84	1	Lichtschranke Empf. einst.	Receiver	050.00.02022	-S120R		24.2
85	1	Lichtschranke Empf. einst.	Receiver	050.00.02022	-S121R		24.6
86	1	Lichtschranke Sender	Transmitter	050.00.02010	-S121T		24.6
87	1	SUltrasonic_sensor_steck.	ultrasonic-sensor	0376491	-S210		25.5
88	1	Lichtschranke Empf. einst.	Receiver	050.00.02022	-S220R		24.4
89	1	Lichtschranke Sender	Transmitter	050.00.02010	-S220T		24.4
90	1	Lichtschranke Sender	Transmitter	050.00.02010	-S221T		24.8
91	1	Lichtschranke Empf. einst.	Receiver	050.00.02022	-S221R		24.8
92	1	Schlüsselschalt.	Key switch	0349243	-S300		20.2
93	1	Trenntrafo MTT 1000	Isolating transformer	0356760	-T1		18.0
94	1	Netzteil 24VDC/5A	Power supply 24VDC/5A	0335181	-T3		18.3
95	1	Netzteil 5V/6A	Power supply 5V/6A	0364336	-T4		18.4
96	1	TNetzteil 28V/20A	Power supply 28V/20A	0357050	-T6		18.6
97	1	FLASH-POWER SUPPLY	FLASH-POWER-SUPPLY	0356272A	-T7		19.1
98	1	Line Filter Unit	Line Filter Unit	0369026A	-U-82		5.6
99	1	Light-Curtain-Receiver	Light-Curtain-Receiver	0356168A	-U-81		23.6
100	1	Light-Curtain-Transmitter	Light-Curtain-Transmitter	0356172A	-U-80		23.6
101	1	Light-Curtain-Receiver	Light-Curtain-Receiver-a	0356168A	-U-79		23.1
102	1	Light-Curtain-Transmitter	Light-Curtain-Transmitter	0356172A	-U-78		23.1
103	1	Signalsäule + Hupe	signal tower	0360192A	-U-76		22.2
104	1	Pneumatic Unit	Pneumatic Unit	0359686	-U-66		6.7
105	1	Earth Leakage Switch Modul	Earth Leakage Switch Modul	0359624A	-U-65		5.6
106	1	Speed Reduction Unit	Speed Reduction Unit	0359456A	-U-40		3.4
107	1	VTBAND PCB	-U-39	300.01.08143	-U-39		48.2
108	1	VTBAND PCB	VTBAND PCB	300.01.08143	-U-38		47.2

