

Entwicklungs- und Verwertungs-
Gesellschaft m. b. H.

A-8074 Raaba, Gustinus-Ambrosi-Straße 1 - 3

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CUSTOMER : 4MB, Italian

EQUIPMENT DESIGNATION: PBC 2-16 A, DW C/16, C6 3000TE

RAC/2, SF/PBC

DRAWING NO. : 53.2.2858

REF. NO. : K074630

	VOLTAGE	POWER
1	100	100
2	100	100
3	100	100
4	100	100
5	100	100
6	100	100
7	100	100
8	100	100
9	100	100
10	100	100
11	100	100
12	100	100
13	100	100
14	100	100
15	100	100
16	100	100
17	100	100
18	100	100
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93	100	100
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96	100	100
97	100	100
98	100	100
99	100	100
100	100	100

WELDING

MOTORS : 3x400V/50HZ

NOMINAL VOLTAGE : 400V/50HZ

CONTROL VOLTAGE : 230V/50HZ, 24VDC

COLORS OF CONDUCTORS:

L1, L2, L3 : BLACK CONTROL VOLTAGE : BLUE

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PE      : YELLOW/GREEN      GND      :
                                           : WHITE

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N      : LIGHT-BLUE      SPS-INPUTS      : VIOLET

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CONTROL VOLTAGE 230VAC: RED SPS-OUTPUTS : BROWN

EXTERNAL VOLTAGE : ORANGE OTHER CIRCUITS : GREY

EQUIPMENT CODE NUMBERS:

0...CONTROL CABINET

1...AUTOMATIC STIRRUP BENDER

4.1.1. STRAIGHTENING BENCH

5. . . CHANGE OF WIRE

8... WIRE PAY-OFF

99.. RANGE OF PROTECTION

[PBC 2-16]	[10184047/Pos. 5]
[PBC 2-16]	[10184035/Pos. 1]

[PBC 2-16] [10184035/Pos.1]

[RAC/2] [10146436/Pos. 4]

[10184042/Pos. 2]

[CG 3000 TE] [10143761/Pos. 37]

[SF/Pos. 61] [10146428/Pos. 61]

[SF/P8C] [10146428/Pos. 6]

E
A
G

COVER SHEET

53.2.2858	4MB, Italien
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Graz/Austria

PBC 2-16 A, DM C/16, CG 3000TE
RRC/2, SF/PBC

PBC-LINE

Pg. 1

0	1	2	3	4	5	6	7	8	9
LEGEND OF EQUIPMENT CODES									
A... COMMUNICATION PROCESSOR	L... COIL, CHOKO COIL	TA... CURRENT TRANSFORMER							
A... POWER UNIT	M... MOTOR	TC... CONTROL TRANSFORMER							
A... CONTROL UNIT	MV... FAN	TM... WELDING TRANSFORMER							
A... UNIVERSAL DISPLAY	P... GENERAL MEASURING EQUIPMENT	U... A/D CONVERTER, CONVERTER							
AD... AMPLIFIER	PT... COUNTER	UA... RELEASE UNIT							
AP... CONTROL PANEL	PV... VOLT METER	UF... FREQUENCY CONVERTER							
AX... CONTROL CABINET, TERMINAL BOARD	QF... POWER SWITCH (STARTER)	UI... STARTER							
BP... PRESSURE TRANSDUCER	QM... MOTOR PROTECTION SWITCH	UN... NETWORK MODULE, MODEM							
BQ... ROTATION ENCODER	QS... POWER CIRCUIT BREAKER	UO... CLAMPS WITH OPTICAL SEPARATORS							
BR... TACHOGENERATOR	QT... POWER SWITCH (TRANSFORMER)	UR... BRAKE CHOPPER, BRAKE MODULE							
C... CAPACITOR	R... RESISTOR	UX... ADDITIONAL TERMINALS							
E... UNITS	RB... BRAKE RESISTOR	V... DIODE							
EH... HEATING	RC... RC ELEMENT, RC MODULE	VC... RECTIFIER							
FA... AUTOMATIC OVERCURRENT TRIP	RE... RESISTOR	RECTIFIER PLATE							
FT... L.V. HBC DISCONNECTOR	RP... POTENTIOMETER	W... CABLE							
FU... FUSE	RT... RESISTOR (THERMAL)	X... TERMINAL, PLUG							
FV... OVERVOLTAGE PROTECTION	RV... VARISTOR	XM... MECHANICAL COMPONENTS							
GS... POWER SUPPLY	SA... ROTARY SWITCH, KEY SWITCH OR TOGGLE SWITCH	XS... SOCKET							
HA... HORN	SB... PUSH BUTTON (ALSO LUMINOUS PUSH BUTTON)	YA... SOLENOID (GENERAL)							
HL... LAMP	SC... FOOT-OPERATED PUSH BUTTON	YB... SOLENOID (BRAKE)							
HV... LIGHT-EMITTING DIODE	SE... LIMIT SWITCH	YC... SOLENOID (COUPLING)							
KA... CONTROL CONTACTOR, RELAY	SF... FILTER (HYDRAULIC, PNEUMATIC)	YH... SOLENOID (HYDR. VALVE)							
KB... CONTACTOR (BRAKES)	SG... SIGNAL TRANSMITTER	YP... SOLENOID (PNEUM. VALVE)							
KM... MOTOR CONTACTOR, POWER CONTACTOR	SL... FLOW MONITOR	YS... SOLENOID (SERVOVALVE)							
KV... THERMISTOR	SM... EARTH CONTACT	YW... SOLENOID (WATER VALVE)							
	SN... PROXIMITY SWITCH	Z... MAINS FILTER							
	SO... LIGHT BARRIERS								
	SP... PRESSURE SWITCH								
	ST... THERMOSTAT								
# = NOT INSTALLED !									
Date	28. Jan. 2003	K074630	E V G		STANDARD		53.2.2858		4MB, Italien
Work.	Leo/Mh	PBC 2-16 A, DW C/16, CG 3000TE	Graz/Austria		DESIGNATION		PBC-LINE		Pg. 175 Pg. 2
Check.	06. Jul. 2005	RAC/2, SF/PBC							
Name	Norm								

0									
1									
2									
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23									
PAGE	DENOMINATION				MODIFICATION	DATE	NAME		
1	COVER SHEET							GRT	04.07.06
2	STANDARD DESIGNATION							LEO	12.04.06
3	INDEX							GRT	04.07.06
3a	INDEX							GRT	04.07.06
3b	INDEX							GRT	04.07.06
3c	INDEX							GRT	04.07.06
3d	INDEX							GRT	04.07.06
3e	INDEX							GRT	04.07.06
4	CONTROL PANEL 1AP11							GRT	04.07.06
4a	INFORMATION SIGN							LEO	19.05.06
4b	INFORMATION SIGN							LEO	04.07.06
5	DATA SHEET							LEO	12.04.06
5a	DATA SHEET							GRT	04.07.06
5b	DATA SHEET							GRT	04.07.06
6	BUS WIRING							GRT	04.07.06
7	TERMINAL BOARDS							LEO	12.04.06
8	PLUG							LEO	03.07.06
8a	PLUG							LEO	03.07.06
9	POWER SUPPLY							LEO	12.04.06
10	CONTROL VOLTAGE OF 230V, 50Hz							GRT	04.07.06
11	CONTROL VOLTAGE 24VDC							GRT	04.07.06
12	CONTROL VOLTAGE 24VDC (UPS)							LEO	04.07.06
13	EMERGENCY STOP							LEO	16.06.06
14	DANGER ZONE							LEO	16.06.06
15	DANGER ZONE							LEO	16.06.06
16	DANGER ZONE							GRT	04.07.06
17	COOLING/LIGHTING OF CONTROL CABINET							GRT	04.07.06
18	USV, IPC, DATA TRANSFER							LEO	16.06.06
19	DRIVE OF HYDRAULIC UNIT							GRT	04.07.06
20	DRIVE OF ADVANCING MODE							GRT	04.07.06
21	DRIVE OF ADVANCING MODE							LEO	16.06.06
22	DRIVE OF ADVANCING MODE							LEO	03.07.06
23	DRIVE OF ADVANCING MODE							LEO	03.07.06

Date		28. Jan. 2003	K074630		E V G		INDEX		53.2.2858		4MB, Italien		Pg. 3	
Work.		Leo/Hh	PBC 2-16 A, DW C/16, CG 3000TE.		Graz/Austria				PBC-LINE				175 Pg.	
Check.		06. Jul. 2006	RAC/2, SF/PBC											
Modific.		Date	Name		No. n.									

PAGE		DENOMINATION		MODIFICATION	DATE	NAME	
24	BENDING DRIVE		PBC-LINE				LEO 16.06.06
25	BENDING DRIVE		PBC-LINE				LEO 16.06.06
26	BENDING DRIVE		PBC-LINE				LEO 03.07.06
27	DRIVE OF HEIGHT ADJUSTING DEVICE		PBC-LINE				GRT 04.07.06
28	DRIVE OF HEIGHT ADJUSTING DEVICE		PBC-LINE				LEO 16.06.06
29	DRIVE OF HEIGHT ADJUSTING DEVICE		PBC-LINE				GRT 04.07.06
30	CONTROL CABINET OA41.00 - OA41.03		PBC-LINE				LEO 16.06.06
31	CONTROL CABINET OA41.09 - OA41.18		PBC-LINE				LEO 16.06.06
32	CONTROL CABINET OA41.20 - OA41.50		PBC-LINE				LEO 16.06.06
33	CONTROL CABINET OA41.00, OA41.01		PBC-LINE				GRT 04.07.06
34	CONTROL CABINET OA41.02, OA41.03		PBC-LINE				LEO 03.07.06
35	CONTROL CABINET OA41.09		PBC-LINE				LEO 16.06.06
36	CONTROL CABINET OA41.10, OA41.11		PBC-LINE				GRT 04.07.06
37	CONTROL CABINET OA41.12, OA41.13		PBC-LINE				GRT 04.07.06
38	CONTROL CABINET OA41.14, OA41.15		PBC-LINE				LEO 04.07.06
39	CONTROL CABINET OA41.16, OA41.17		PBC-LINE				GRT 04.07.06
40	CONTROL CABINET OA41.35		PBC-LINE				GRT 04.07.06
41	CONTROL CABINET OA41.18		PBC-LINE				LEO 12.04.06
42	CONTROL CABINET OA41.20, OA41.21		PBC-LINE				LEO 04.07.06
43	CONTROL CABINET OA41.22		PBC-LINE				LEO 16.06.06
44	CONTROL CABINET OA41.30, OA41.31		PBC-LINE				LEO 12.04.06
45	CONTROL CABINET OA41.32		PBC-LINE				LEO 15.06.06
46	CONTROL CABINET OA41.40, OA41.41		PBC-LINE				LEO 12.04.06
47	CONTROL CABINET OA41.42		PBC-LINE				GRT 04.07.06
48	TERMINAL BOARDS		PBC-LINE				LEO 03.07.06
49	CONTROL VOLTAGE 24VDC		PBC-LINE				LEO 16.06.06
50	CONTROL PANEL 1AP11		PBC-LINE				GRT 04.07.06
51	CONTROL PANEL 1A41.00 - 1A41.07		PBC-LINE				LEO 16.06.06
52	CONTROL PANEL 1A41.08 - 1A41.14		PBC-LINE				LEO 16.06.06
53	CONTROL PANEL 1A41.00, 1A41.01		PBC-LINE				LEO 16.06.06
54	CONTROL PANEL 1A41.02, 1A41.03		PBC-LINE				GRT 04.07.06
55	CONTROL PANEL 1A41.04, 1A41.05		PBC-LINE				GRT 04.07.06
56	CONTROL PANEL 1A41.06, 1A41.07		PBC-LINE				GRT 04.07.06

Date 28. Jan. 2003		K074630		INDEX		53.2.2858		4MB, Italian	
Work. Leo/Th		PBC 2-16 A, DW C/16, CG 3000TE.		E V G		PBC-LINE		Pg. 33	
Check. 06. Jul. 2005		RAC/2, SF/PBC		Graz/Austria				175 Pg.	
Name		Name		Name					
Modific.									

PAGE	DENOMINATION	MODIFICATION	DATE	NAME	
57	CONTROL PANEL 1R41.08, 1R41.09	PBC-LINE			LEO 16.06.06
58	CONTROL PANEL 1R41.10, 0R41.13	PBC-LINE			LEO 16.06.06
59	COUPLER BOX 1R60, HYDRAULIC UNIT 1R60	PBC-LINE			LEO 04.07.06
60	COUPLER BOX 1R60	PBC-LINE			LEO 12.04.06
61	HYDRAULIC UNIT 1R61	PBC-LINE			LEO 04.07.06
62	SHEARS, BENDING 1R62	PBC-LINE			LEO 04.07.06
63	SHEARS, BENDING 1R62	PBC-LINE			LEO 16.06.06
64	MAIN STRAIGHTENER 1R63 - 1R65	PBC-LINE			LEO 04.07.06
65	MAIN STRAIGHTENER 1R63	PBC-LINE			GRT 04.07.06
66	MAIN STRAIGHTENER 1R64	PBC-LINE			LEO 16.06.06
67	MAIN STRAIGHTENER 1R65	PBC-LINE			LEO 16.06.06
68	ADVANCING MODE 1R66	PBC-LINE			LEO 04.07.06
69	ADVANCING MODE 1R66	PBC-LINE			GRT 04.07.06
70	PRESTRAIGHTENERS 1R67 - 1R69	PBC-LINE			LEO 04.07.06
71	PRESTRAIGHTENER 1R67	PBC-LINE			LEO 16.06.06
72	PRESTRAIGHTENER 1R68	PBC-LINE			LEO 16.06.06
73	PRESTRAIGHTENER 1R69	PBC-LINE			LEO 16.06.06
74	TERMINAL BOARDS	STRAIGHTENING BENCH			LEO 03.07.06
75	CONTROL VOLTAGE 24VDC	STRAIGHTENING BENCH			LEO 16.06.06
76	STRAIGHTENING BENCH 4R72, 4R73	STRAIGHTENING BENCH			LEO 04.07.06
77	STRAIGHTENING BENCH 4R72	STRAIGHTENING BENCH			LEO 16.06.06
78	STRAIGHTENING BENCH 4R73	STRAIGHTENING BENCH			GRT 04.07.06
79	TERMINAL BOARDS	STRAIGHTENING BENCH			LEO 03.07.06
80	DRIVE TURRET	DM C/16			LEO 16.06.06
81	TURRET 5A70	DM C/16			LEO 16.06.06
82	TURRET 5A70	DM C/16			GRT 04.07.06
83	TERMINAL BOARDS	CG 3000 TE			GRT 04.07.06
84	CIRCUIT DIAGRAM	CG 3000 TE			GRT 04.07.06
85	DRIVE REEL 1.1 - 1.3	CG 3000 TE			GRT 04.07.06
86	DRIVE REEL 1.1 - 1.3	CG 3000 TE			GRT 04.07.06
87	DRIVE REEL 1.1 - 1.3	CG 3000 TE			GRT 04.07.06
88	DRIVE REEL 1.1	CG 3000 TE			GRT 04.07.06
89	DRIVE REEL 1.2	CG 3000 TE			GRT 04.07.06

Modific.	Date	Name	Norm	Date	28. Jan. 2003	K074630	E V G	INDEX	53.2.2858	4MB, Italien	Pg. 3b
				Check.	05. JUL. 2006	PBC 2-16 R, DM C/16, CG 3000TE	Graz/Austria		PBC-LINE		Pg. 175
						RHC/2, SF/PBC					

PAGE	DENOMINATION	MODIFICATION	DATE	NAME	
90	DRIVE REEL 1.3	C6 3000 TE			GRT 04.07.06
91	DRIVE REEL 2.1 - 2.2	C6 3000 TE			GRT 04.07.06
92	DRIVE REEL 2.1 - 2.2	C6 3000 TE			GRT 04.07.06
93	DRIVE REEL 2.1 - 2.2	C6 3000 TE			GRT 04.07.06
94	DRIVE REEL 2.1	C6 3000 TE			GRT 04.07.06
95	DRIVE REEL 2.2	C6 3000 TE			GRT 04.07.06
96	1X1EH2	PLUG			GRT 04.07.06
97	1X1M1	PLUG			GRT 04.07.06
98	1X1MV2.1	PLUG			GRT 04.07.06
99	1X1MV2.2	PLUG			GRT 04.07.06
100	1X1MV3	PLUG			GRT 04.07.06
101	1X1MV4	PLUG			GRT 04.07.06
102	1X1MI0	PLUG			GRT 04.07.06
103	1X1.1	PLUG			GRT 04.07.06
104	1X1.2	PLUG			GRT 04.07.06
105	1X11.2	PLUG			GRT 04.07.06
106	1X11.3	PLUG			GRT 04.07.06
107	4X1.1	PLUG			GRT 04.07.06
108	5X5M1	PLUG			GRT 04.07.06
109	5X5H2	PLUG			GRT 04.07.06
110	8X8MV1.1	PLUG			GRT 04.07.06
111	8X8MV1.2	PLUG			GRT 04.07.06
112	8X8MV1.3	PLUG			GRT 04.07.06
113	8X8MV2.1	PLUG			GRT 04.07.06
114	8X8MV2.2	PLUG			GRT 04.07.06
115	8X8ST1.1	PLUG			GRT 04.07.06
116	8X8ST1.2	PLUG			GRT 04.07.06
117	8X8ST1.3	PLUG			GRT 04.07.06
118	8X8ST2.1	PLUG			GRT 04.07.06
119	8X8ST2.2	PLUG			GRT 04.07.06
120	8X8YB1.1	PLUG			GRT 04.07.06
121	8X8YB1.2	PLUG			GRT 04.07.06
122	8X8YB1.3	PLUG			GRT 04.07.06

INDEX
 E V G
 Graz/Austria

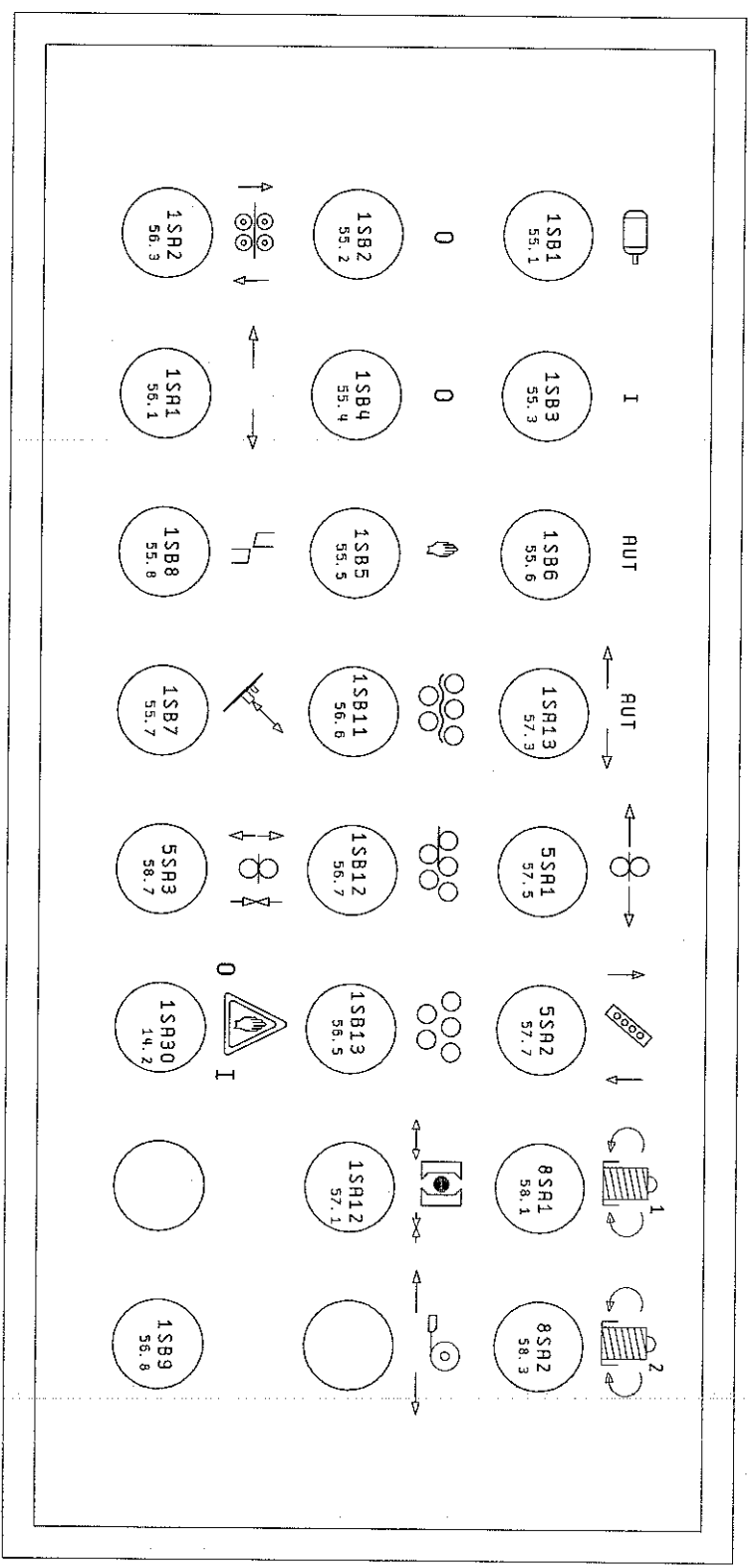
53.2.2858
 PBC-LINE

4MB, Italien
 Pg. 175 Pa. 3C

0	1	2	3	4	5	6	7	8	9
PAGE	DENOMINATION				MODIFICATION	DATE	NAME		
123	8X8YB2.1			PLUG			GRT	04.07.06	
124	8X8YB2.2			PLUG			GRT	04.07.06	
125	1M1B02.2			CABLE			GRT	04.07.06	
126	1M1M2.1			CABLE			GRT	04.07.06	
127	1M1M2.2			CABLE			GRT	04.07.06	
128	1M1M3			CABLE			GRT	04.07.06	
129	1M1M4			CABLE			GRT	04.07.06	
130	1M1X1.1			CABLE			GRT	04.07.06	
131	8W8M1.1			CABLE			GRT	04.07.06	
132	8W8M1.2			CABLE			GRT	04.07.06	
133	8W8M1.3			CABLE			GRT	04.07.06	
134	8W8M2.1			CABLE			GRT	04.07.06	
135	8W8M2.2			CABLE			GRT	04.07.06	
136	OX1			TERMINAL			GRT	04.07.06	
137	OX4			TERMINAL			GRT	04.07.06	
137a	OX4			TERMINAL			GRT	04.07.06	
137b	OX4			TERMINAL			GRT	04.07.06	
138	OX5			TERMINAL			GRT	04.07.06	
139	OX6			TERMINAL			GRT	04.07.06	
140	1X1			TERMINAL			GRT	04.07.06	
140a	1X1			TERMINAL			GRT	04.07.06	
140b	1X1			TERMINAL			GRT	04.07.06	
141	1X11			TERMINAL			GRT	04.07.06	
142	4X1			TERMINAL			GRT	04.07.06	
143	LIST OF PARTS			PBC-LINE			GRT	04.07.06	
144	LIST OF PARTS			PBC-LINE			GRT	04.07.06	
145	LIST OF PARTS			PBC-LINE			GRT	04.07.06	
146	LIST OF PARTS			PBC-LINE			GRT	04.07.06	
147	LIST OF PARTS			PBC-LINE			GRT	04.07.06	
148	LIST OF PARTS			PBC-LINE			GRT	04.07.06	
149	LIST OF PARTS			PBC-LINE			GRT	04.07.06	
150	LIST OF PARTS			PBC-LINE			GRT	04.07.06	
151	LIST OF PARTS			PBC-LINE			GRT	04.07.06	

Modific.	Date	Name	Norm	Date	28. Jan. 2003	K074630	PBC 2-16 R, DM C/16, CG 3000TE,	E V G	INDEX	53.2.2858	4MB, Italien	Pg. 3d
				Check:	06. Jul. 2005		RAC/2, SF/PBC	Graz/Austria		PBC-LINE		175 Pg.

1RP11
46.0

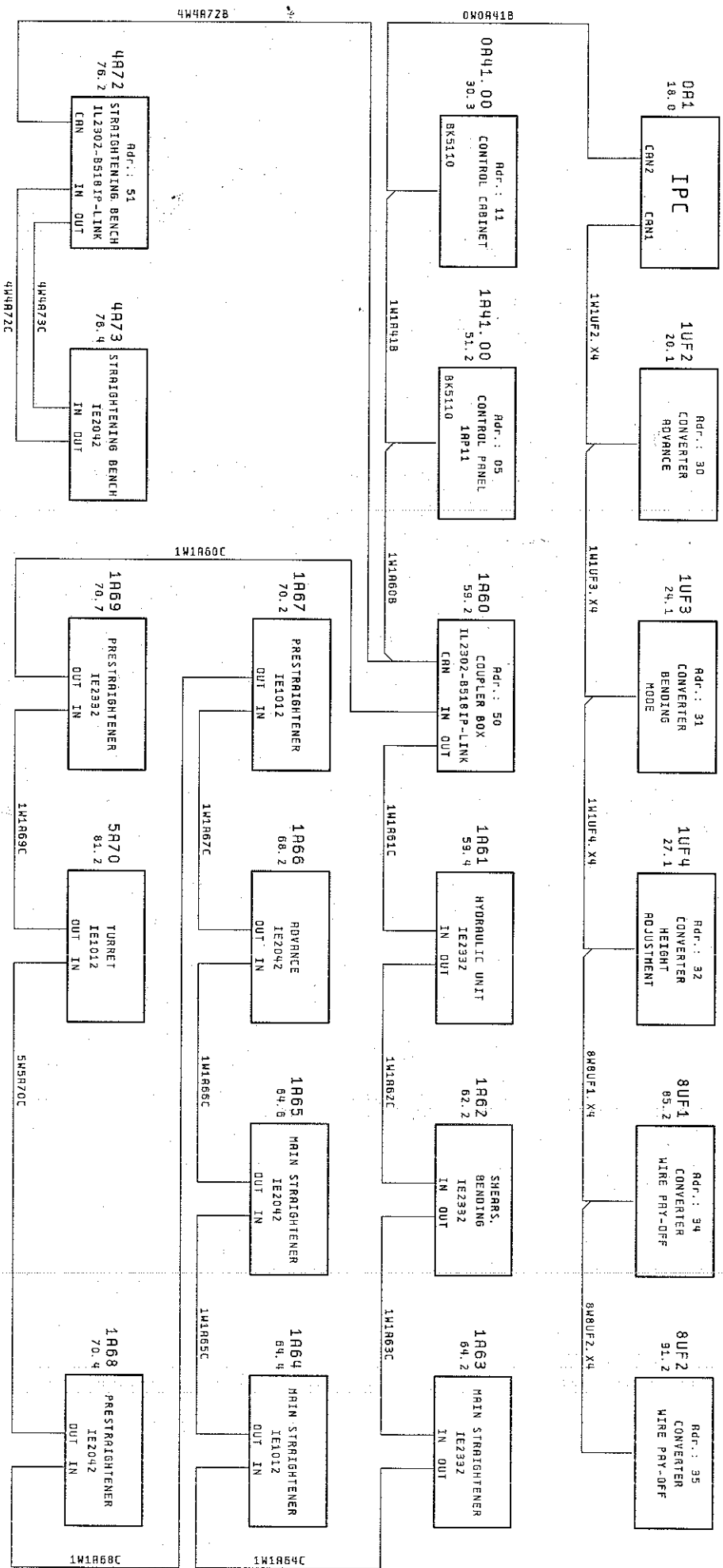


Modific.	Date	Name	Date	Work.	Check.	RRC/2.	SF/PBC	E V G	CONTROL PANEL	53.2.2858	4MB, Italien	Pg.	4
			28. Jan. 2003	Leo/hh	06. Jul. 2006	PBC 2-16 A, DW C/16, CG 3000TE		Graz/Rustria	1RP11			175	Pg.

0	1	2	3	4	5	6	7	8	9
1SC2 37.5 1SC3.1 38.5 5SC5.1 37.1									
1SC4 37.6 1SC6.1 37.3									

0	1	2	3	4	5	6	7	8	9																				
1M1 19.1 MOTOR TYPE : M2AR132M NR. : 62113 P : 7,5KW I : 15,3A U : 380-420V F : 50Hz UPM : 1450 cos : 0,83 1M16 19.4 MOTOR TYPE : K2IR71K4 NR. : 04146290044061t P : 0,25KW I : 0,78A U : 400V F : 50Hz UPM : 1460 cos : 0,68 1M2.1 22.4 MOTOR TYPE : MCA19S35RS0B0 NR. : 1309415110288393 P : 13,2KW I : 28,7A U : 390V F : 120Hz UPM : 3510 cos : 0,80 1M2.2 23.4 MOTOR TYPE : MCA19S35RS0B0 NR. : 1309415110288379 P : 13,2KW I : 28,7A U : 390V F : 120Hz UPM : 3510 cos : 0,80 1MV2.1 22.2 FAN TYPE : B20IL-2-2/080 NR. : - P : 0,031KW I : 0,1A U : 220-290V F : 50/60Hz UPM : 2750 cos : - 1MV2.2 23.2 FAN TYPE : B20IL-2-2/080 NR. : - P : 0,031KW I : 0,1A U : 220-290V F : 50/60Hz UPM : 2750 cos : - 53.2.2858 4MB, Italien PBC-LINE 5 <table border="1"> <thead> <tr> <th>Date</th> <th>28. Jan. 2003</th> <th>K074630</th> <th>E V G</th> <th>DATA SHEET</th> <th>53.2.2858</th> <th>4MB, Italien</th> <th>PBC-LINE</th> <th>Pg.</th> <th>175</th> </tr> </thead> <tbody> <tr> <td>Modific.</td> <td>Date</td> <td>Name</td> <td>Norm</td> <td>Check.</td> <td>06. Jul. 2006</td> <td>PBC 2-16 A, DW C/16, C6 3000TE</td> <td>RAC/2, SF/PBC</td> <td></td> <td></td> </tr> </tbody> </table>										Date	28. Jan. 2003	K074630	E V G	DATA SHEET	53.2.2858	4MB, Italien	PBC-LINE	Pg.	175	Modific.	Date	Name	Norm	Check.	06. Jul. 2006	PBC 2-16 A, DW C/16, C6 3000TE	RAC/2, SF/PBC		
Date	28. Jan. 2003	K074630	E V G	DATA SHEET	53.2.2858	4MB, Italien	PBC-LINE	Pg.	175																				
Modific.	Date	Name	Norm	Check.	06. Jul. 2006	PBC 2-16 A, DW C/16, C6 3000TE	RAC/2, SF/PBC																						

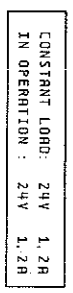
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1UF2 20.1 CONVERTER FERT. NR. : 33.9330 PE. 7B. 62. V004 PROD. NR. : 01522674 SER. NR. : 000001 8UF1 85.2 CONVERTER FERT. NR. : 33.9324VE. 7C. 72 PROD. NR. : 01441653 SER. NR. : 000001										
1UR2 27.4 BRAKE CHOPPER FERT. NR. : 33.9352 E. 1B PROD. NR. : 01500530 SER. NR. : 0017 8UF2 91.2 CONVERTER FERT. NR. : 33.9324VE. 7C. 72 PROD. NR. : 01441653 SER. NR. : 000016										
1UF3 24.1 CONVERTER FERT. NR. : 33.9328 PE. 7C. 62. V004 PROD. NR. : 01513641 SER. NR. : 000008										
1UF4 27.1 CONVERTER FERT. NR. : 33.9325 PE. 7B. 62. V004 PROD. NR. : 01505534 SER. NR. : 000009										
Date 28. Jan. 2003			K074630 PBC 2-16 R, DW C/16, CG 3000TE, RAC/2, SF/PBC		E V G Graz/Austria		DATA SHEET 53.2.2858 PBC-LINE		4MB, Italian Pg. 175 Pg.	



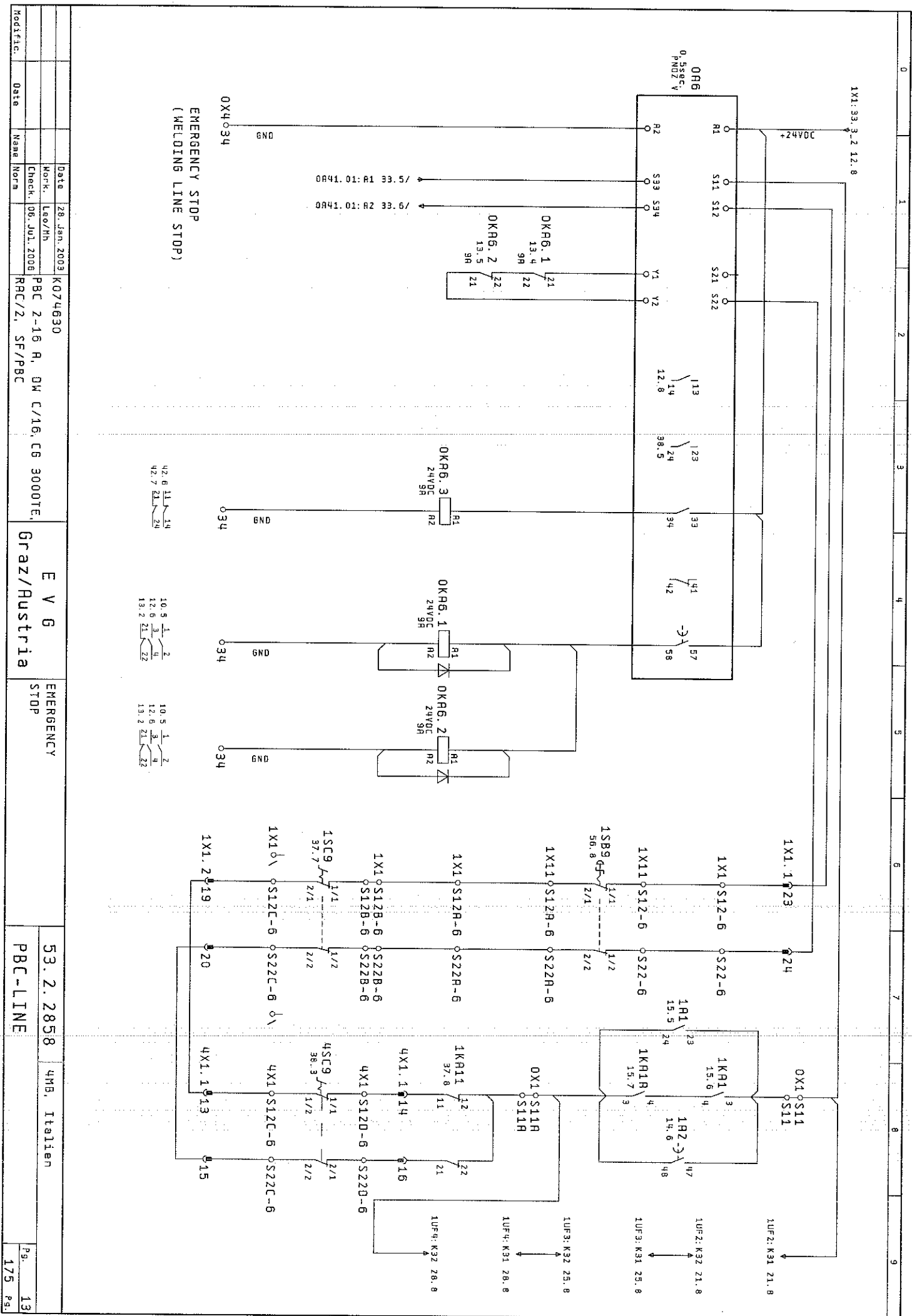
Date		28. Jan. 2003	KO74630		E V G		BUS WIRING		53.2.2858		4MB, Italien	
Modific.		Work.	Leo/Hh	PBC 2-16 R. DM C/16. C6 3000TE.		Graz/Austria				PBC-LINE		
Date		05. Jul. 2006	Check		RRC/2. SF/PBC							
Name		Mora										
Pg.		6										
Pg.		1/5										

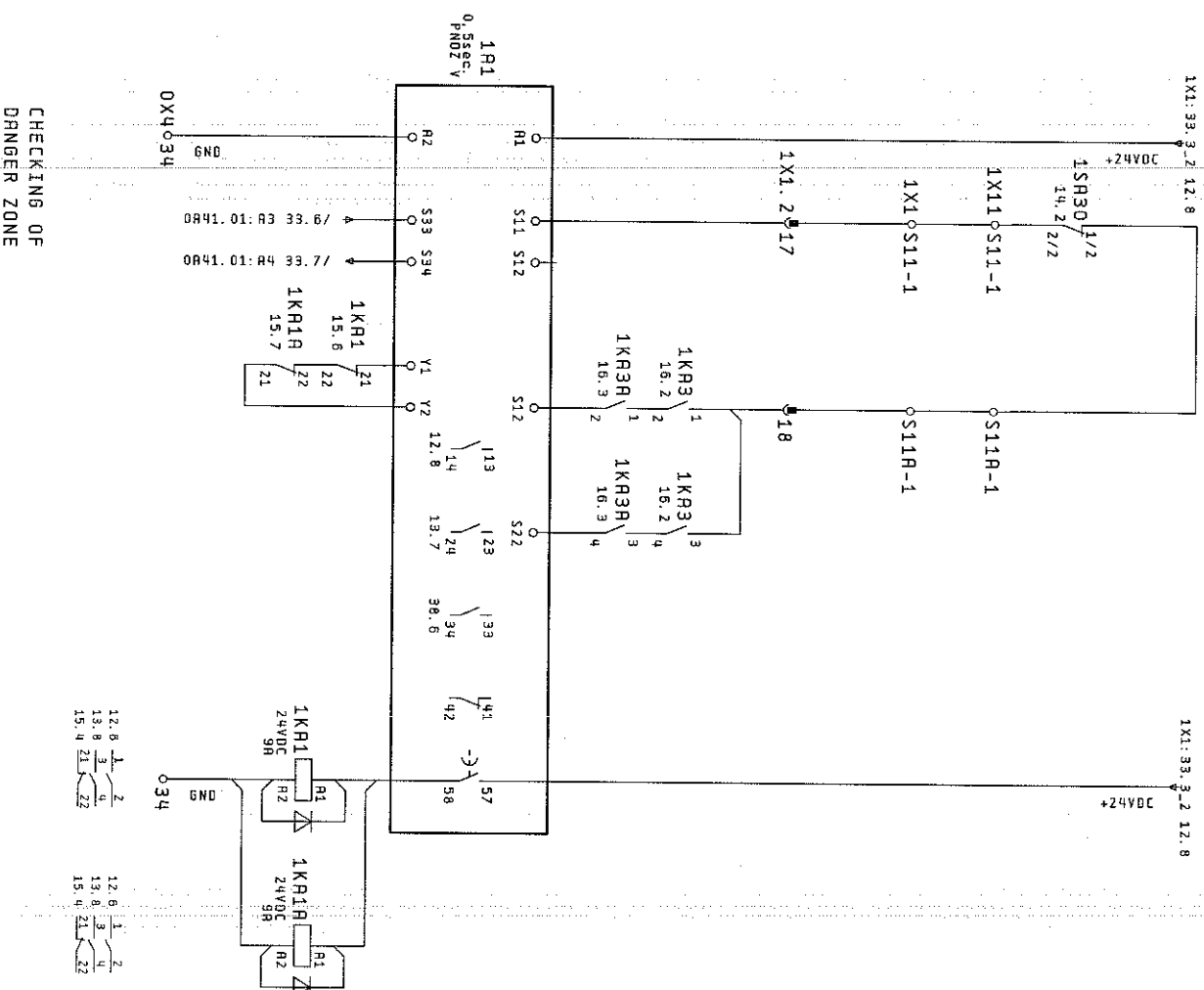
0	1	2	3	4	5	6	7	8	9																
CONTROL CABINET POLYBEND 0AX0 SPARE PARTS FOR COMMISSIONING LIEF ACCESSORIES ZUB1																									
<table border="1"> <tr> <td>Modific.</td> <td>Date</td> <td>Name</td> <td>Norm</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>										Modific.	Date	Name	Norm												
Modific.	Date	Name	Norm																						
28. Jan. 2003 07/4630 PBC 2-16 A, DW C/16, CG 3000TE, RAC/2, SF/PBC				E V G Graz/Austria		TERMINAL BOARDS		53.2.2858 4MB, Italien																	
PBC-LINE								Pg. 7 175 Pg.																	

Modific.	Date	Name	Data	28 Jan. 2003	Work.	Leo/Hh	Check	06 Jul. 2006	KO/4630 PBC 2-16 A, DW C/16, CG 3000TE, RRC/2, SF/PBC	E V G Graz/Austria	PLUG	53.2.2858 PBC-LINE	4MB, Italien	Ps. 175 Ps.
1X1.1 48.2 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 PE 1X1 1X1.2 48.2 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 PE 1X1 1X1M1 48.5 1 2 3 4 5 6 PE MOT 1M1 1X1M10 48.5 1 PE N 1X1M10 1X1MV3 48.5 1 PE N 1X1MV4 48.5 1 PE N 1X1MV2.1 48.5 1 PE N 1X1MV2.2 48.5 1 PE N 1X11.2 48.2 1 PE N 1X11 1X11.3 48.2 1 PE N 1X11 1X1EH2 48.5 1 PE N 1EH2 4X1.1 74.2 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 PE 4X1 5X5M1 79.2 1 2 3 4 5 6 7 PE MOT 5M1 5X5M2 79.2 1 2 3 4 5 6 7 8 9 10 PE MOT 5M2														



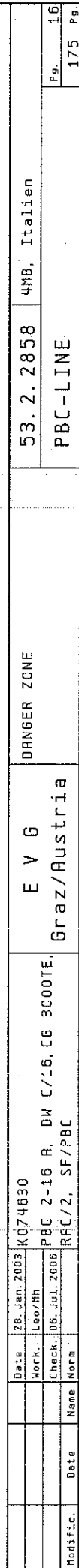
Pg.	9
175	Pg.

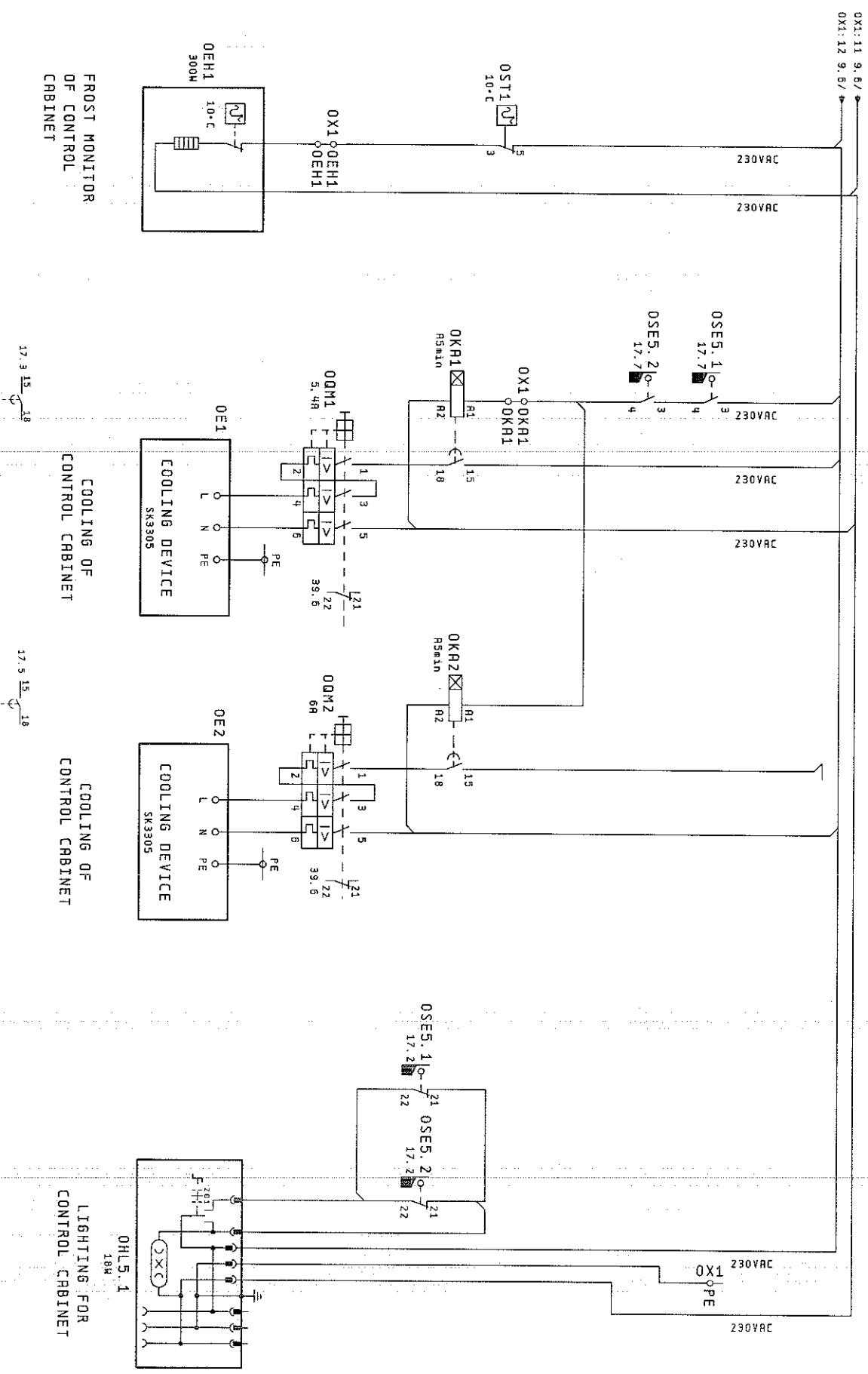




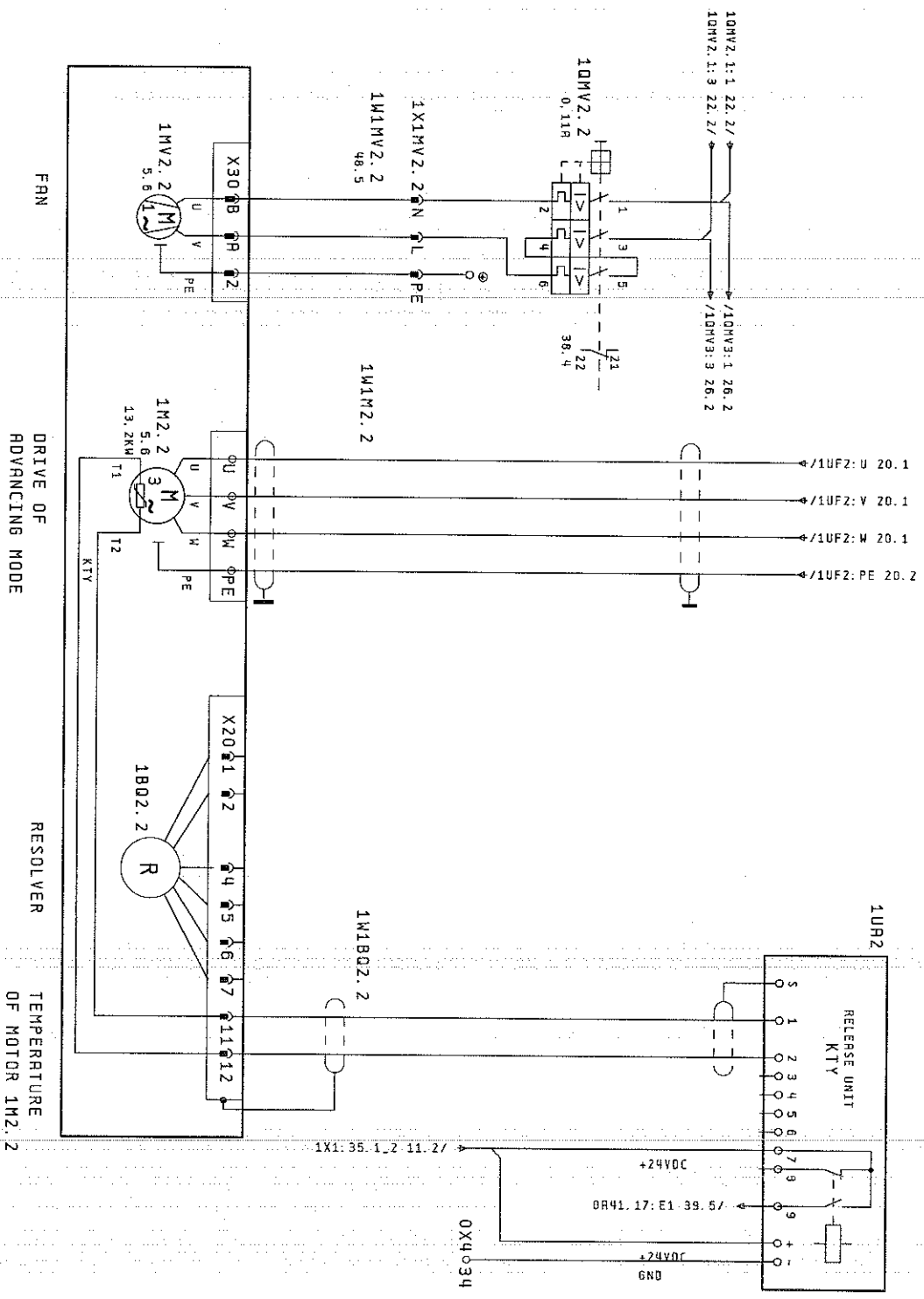
CHECKING OF
DANGER ZONE

Modific.	Date	Name	Norm	Date	29. Jan. 2003	K074630	PBC 2-16 R, DW C/16, CG 3000TE,	E V 6	DANGER ZONE	53.2.2858	qMB, Italien	Pa. 15
				Work.	Leg/Wh		RAC/2, SF/PBC	Graz/Austria				175 Pa.
				Check.	106. Jul. 2006							



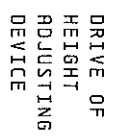


	Date	28. Jan. 2003	K074630	E V G	COOLING/LIGHTING OF CONTROL CABINET	53.2.2858	4MB, Italian	Pg.	17
	Work.	Lead/Mh	PBC 2-16 R, OM C/16, CG 3000TE,	Graz/Austria		PBC-LINE		Pg.	17
	Check.	06. Jul. 2006	RAC/2, SF/PBC					175	pg.
Modific.	Date	Name	Norm						





Pg.	25
175	Pg.



53.2.2858	4MB, Italien	Pg. 27
PBC-LINE		175 Pg.

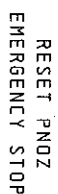
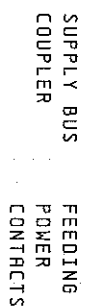


TEMPERATURE
OF MOTOR 1M4

29
Pg.

[illegible]

	Date	28. Jan. 2003	K074630	E V G	CONTROL CABINET	53.2.2858	4MB, Italien	Pg.	31
	Work.	Leo/MH	PBC 2-16 A, DW C/16, CG 3000TE,	Graz/Austria	0R41.09 - 0R41.18	PBC-LINE		Pg.	175 Pg.
	Check.	05. Jul. 2006	RRC/2, SF/PBC						
Modific.	Date	Name	Norm						



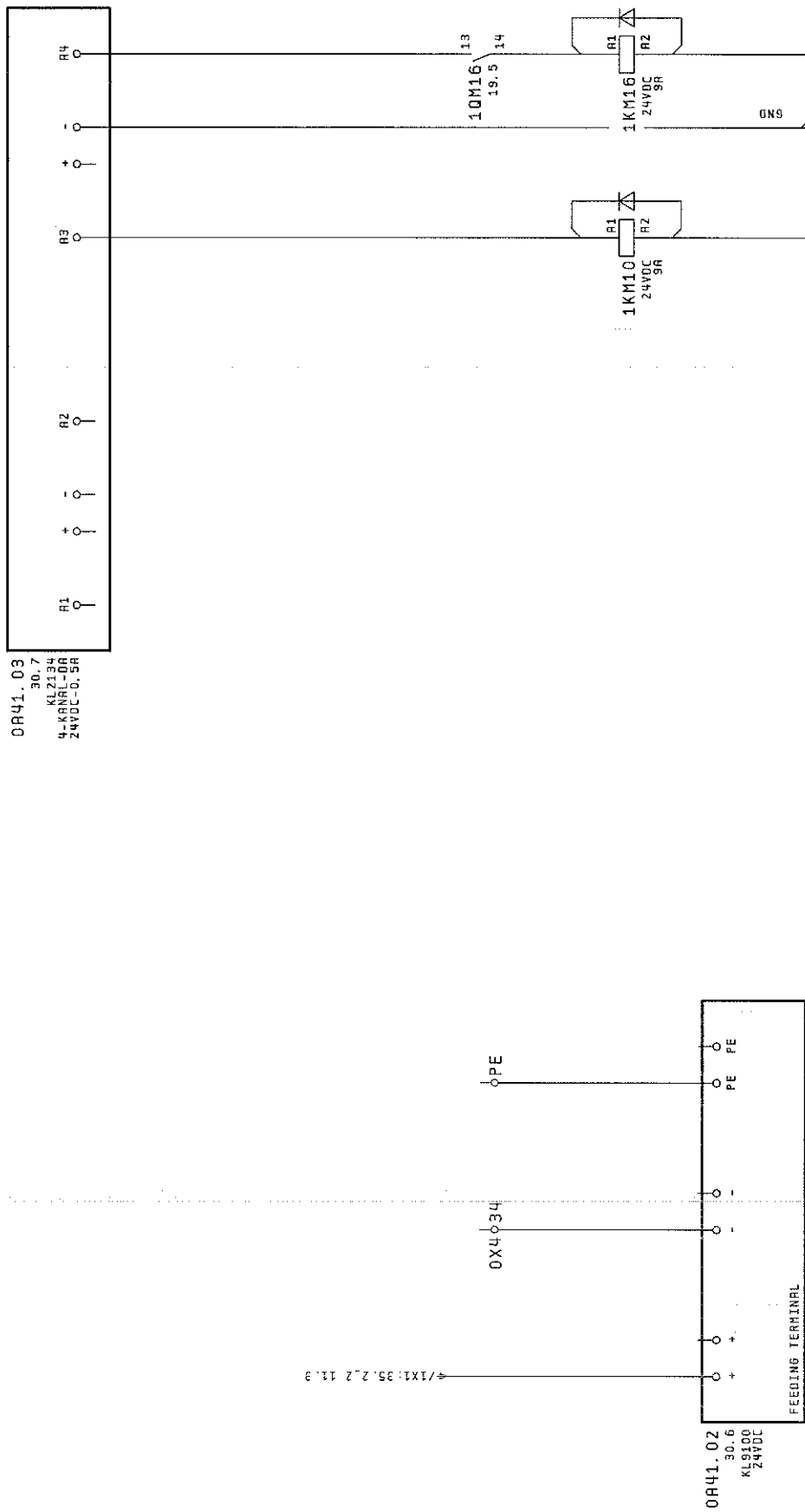
RESET PNOZ
DANGER ZONE

E
V
G

CONTROL CABINET	
0R41.00, 0R41.01	

53.2.2858
PBC-LINE

4MB, Italian



POWER SUPPLY FOR
0A41.03 - 0A41.16

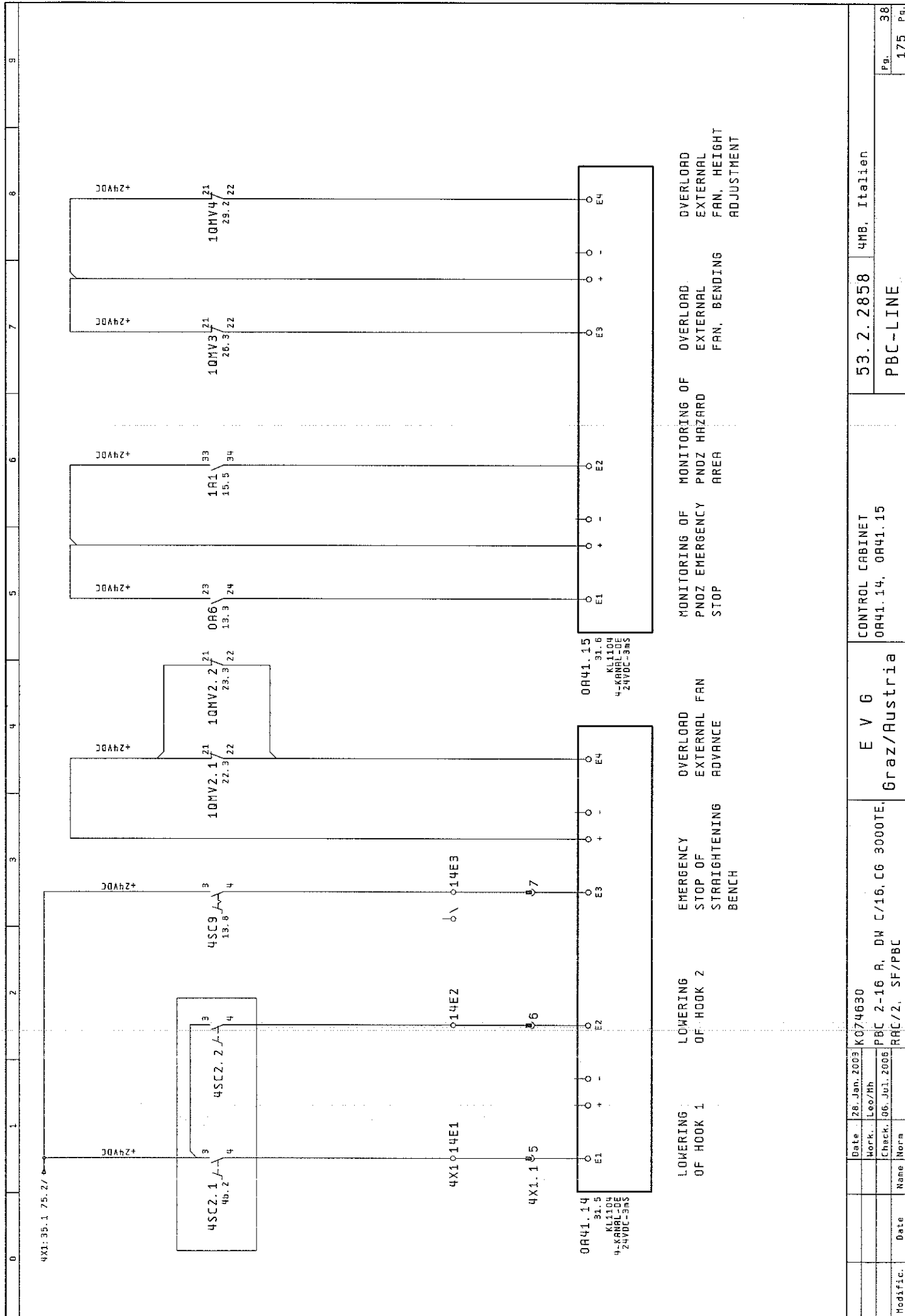
MOTOR
CENTRAL
LUBRICATION

$$\begin{array}{r} 19.6 \\ 19.6 \\ 19.6 \end{array} \quad \begin{array}{r} 1 \\ 3 \\ 5 \end{array} \quad \begin{array}{r} 2 \\ 4 \\ 8 \end{array}$$

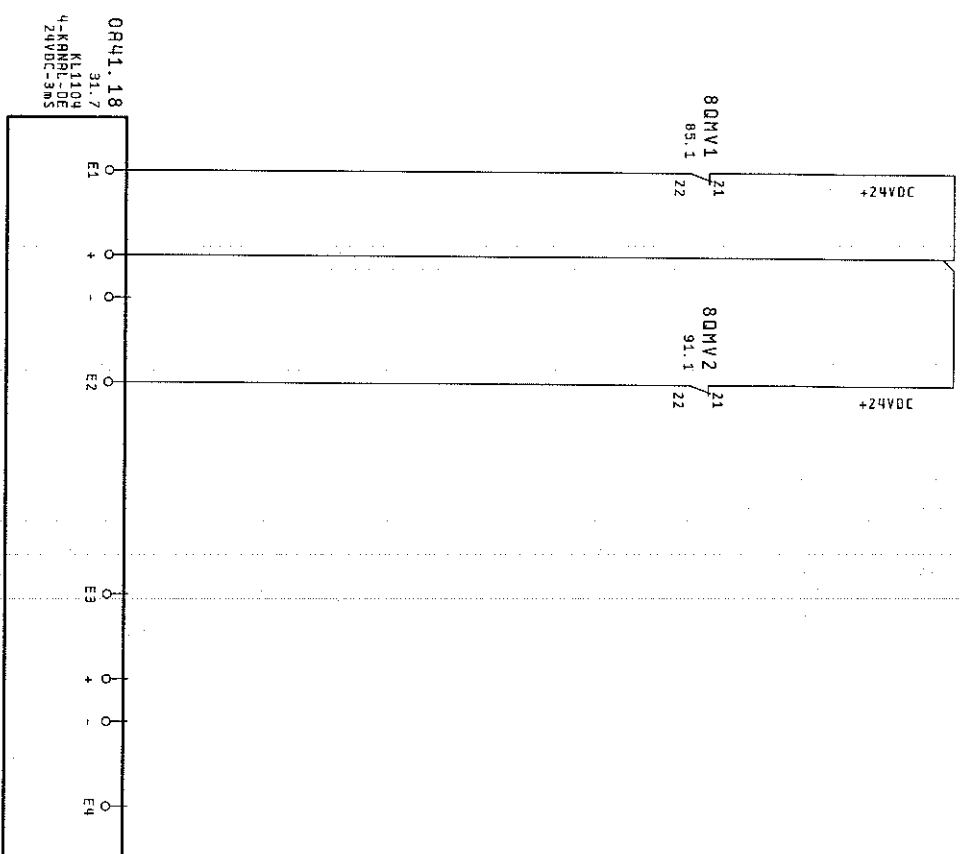
	Date	28. Jan. 2003	K074630	E V G	CONTROL CABINET 0A41.02, 0A41.03	53.2.2858	4MB, Italien	Pg.	34
	Work.	Leo/Mh							
	Check.	06. Jul. 2006							
Modific:	Date	Name	Norm	RAC/2, SF/PBC	Graz/Austria	PBC-LINE		175 Pg.	

	0	1	2	3	4	5	6	7	8	9	
1X1:35.1,2 11.2 /											
8SC9.3 39.8 DOA4Z+											
8KRL.1 11 84.3 14											
8KRL.2 11 84.4 14											
DOA4Z+ Z4VDC											
1X1.2 14											
1X1 9EEZ 6\											
OR41.09 31.2 KL1104 4-KRNL-DE Z4VDC-3ms	E1	+	-	E2	E3	+	-	E4			
REEL 1+2 STOP	REEL 1 FORWARD				REEL 2 FORWARD						
Date	28. Jan. 2003	K074630	E V G		CONTROL CABINET		53.2.2858				
Work.	Leo/Hh	PBC 2-16 R, DW C/16, CG 3000IE,	Graz/Austria		GA41.09		4NB, Italien				
Check.	06. Jul. 2006	RAC/2, SF/PBC					PBC-LINE				
Name	Norm							Pg. 35			
Date								175 Ps.			

[illegible]



Date		28. Jan. 2003	K074630		E V G		CONTROL CABINET		53.2.2858		4MB, Italien	
Work.		Leo/Hh	PBC 2-16 A, DW C/16, C6 3000TE,		Graz/Austria		OR41.14, OR41.15		PBC-LINE			
Check.		06. Jul. 2005	RAC/2, SF/PBC									
Name												
Date												
Modific.												
Pg.												
175												
38												

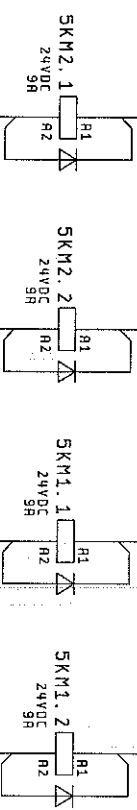
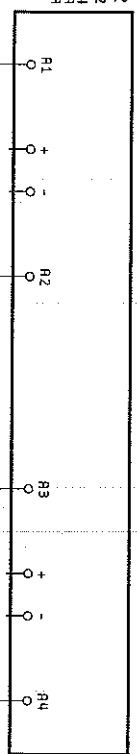


OVERLOAD
EXTERNAL
FRN, PAY-OFF
STATION 1

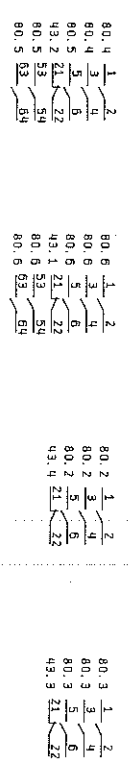
OVERLOAD
EXTERNAL
FRN, PAY-OFF
STATION 2

Modific.	Date	Name	Date	28. Jan. 2003	K074630	PBC 2-16 R, DW C/16, CG 3000TE,	E V G	CONTROL CABINET	0R41.18	53.2.2858	4MB, Italien	Pg. 41
			Work.	Leo/Mh								
			Check.	05. Jul. 2006		RHC/2, SF/PBC	Graz/Austria					Pg. 175

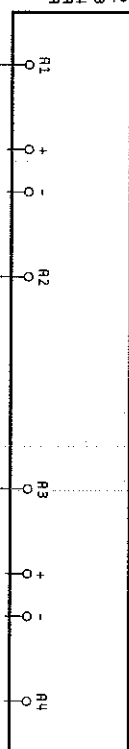
OR41.22
32.2
KL2134
4-KRMHL-DR
24VDC-0.5A



ADJUSTMENT TURRET UP
ADJUSTMENT TURRET DOWN
THREADING ROLLS FORWARD
THREADING ROLLS REVERSE
MODE



Date	28. Jan. 2003	K074630	E V 6	CONTROL CABINET	53.2.2858	4NB. Italien	Pg. 43
Work.	Leo/H	PBC 2-16 R, OM C/16, CG 3000TE,					
Check.	06. Jul. 2006	RBC/2, SF/PBC	Graz/Austria	OR41.22			
Modific.	Date	Name	Norm				

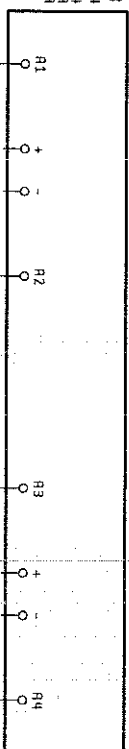


1KM2: 13 21.9/

1KM2: 73 25.9/

1KM2: 83 28 97

OR41.33
32.4
KL2134
4-KANRL-DR
24VDC-0,5A



→ /8R1: REL1 87.1

→ / 8 R Z: REL 1 93.1

→ /8A1: REL2 87:1

→ /892: REL 2 93.1

1KM2
13

1KMZ
73

1KNZ
83

RESET
SAFETY OFF
ADVANCE

RESET
SAFETY OFF
BENDING

RESET
SAFETY OFF
HEIGHT
ADJUSTMENT

h504034
GND

0X4034
GND

0X4034
GND

0x4034
GND

DRIVE
REEL 1.1

DRIVE
REEL 2.1

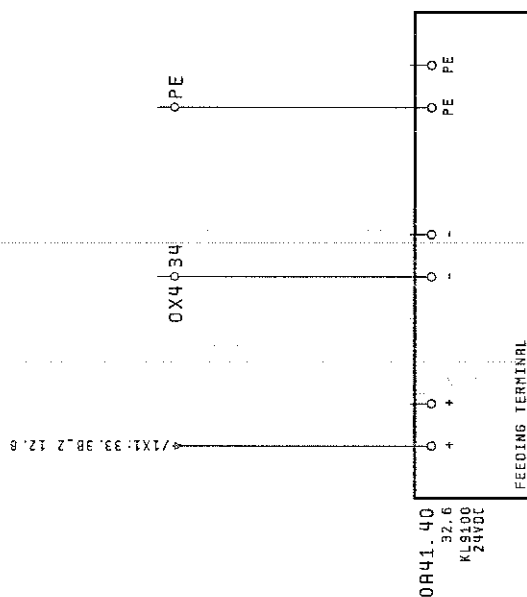
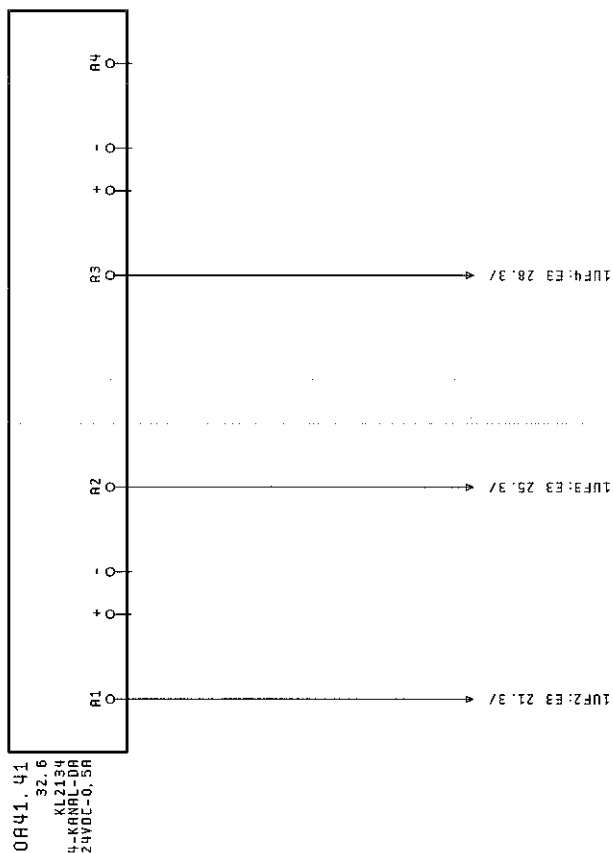
DRIVE
REEL 1.2

DRIVE
REEL 2.2

$$\begin{array}{r} 00.2 \\ 00.3 \\ 00.3 \\ 00.4 \\ 00.1 \\ 00.1 \\ 00.1 \end{array} \quad \begin{array}{r} 1 \\ 3 \\ 5 \\ 13 \\ 53 \\ 63 \\ 73 \end{array} \quad \begin{array}{r} 2 \\ 4 \\ 6 \\ 1 \\ 5 \\ 6 \\ 7 \end{array}$$
$$\begin{array}{r} 94.2 \\ 94.3 \\ 94.3 \\ 94.4 \\ 94.1 \\ 94.1 \\ 94.1 \end{array} \quad \begin{array}{r} 1 \\ 3 \\ 5 \\ 13 \\ 53 \\ 53 \\ 63 \end{array} \quad \begin{array}{r} 2 \\ 4 \\ 6 \\ 11 \\ 5 \\ 6 \\ 7 \end{array}$$
$$\begin{array}{r} 89.2 \\ 89.3 \\ 89.3 \\ 89.4 \\ 89.1 \\ 89.1 \\ 89.1 \end{array} \begin{array}{r} 1 \\ 3 \\ 5 \\ 13 \\ 53 \\ 63 \\ 73 \end{array} \begin{array}{r} 2 \\ 4 \\ 6 \\ 11 \\ 55 \\ 66 \\ 77 \end{array}$$

95.2	1	1
95.3	3	3
95.3	5	5
95.4	13	13
95.4	53	53
95.4	63	63
95.4	73	73

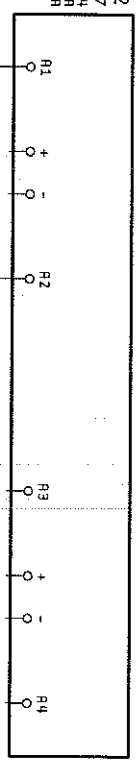
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Werk.	Leo/Hh	PBC 2-16 A, DM C/16, CG 3000TE,	Graz/Rustria	0841.32	PBC-LINE		175 Pg
Check.	06. Jul. 2006	RAC/2, SF/PBC					
Modific.	Date	Name					

POWER SUPPLY FOR
DA41.41 :

RELEASE QUICK STOP, ADVANCE	RELEASE QUICK STOP, BENDING	RELEASE QUICK STOP, HEIGHT ADJUSTMENT
1. Turn the release lever to the "ON" position. 2. Push the release lever forward to the "STOP" position. 3. Push the release lever forward to the "ADVANCE" position.	1. Turn the release lever to the "ON" position. 2. Push the release lever forward to the "STOP" position. 3. Push the release lever forward to the "BENDING" position.	1. Turn the release lever to the "ON" position. 2. Push the release lever forward to the "STOP" position. 3. Push the release lever forward to the "HEIGHT ADJUSTMENT" position.

		Date	28. Jan. 2003	K074630	E V G	CONTROL CABINET 0A41.40, 0A41.41	53.2.2858	4MB, Italien	Pg.	46
		Work	Leo/Hh	PBC 2-16 A, DW C/16,C6 3000TE, RAC/Z, SF/PBC	Graz/Austria					
		Check	06.Jul.2006					PBC-LINE	175	Pg.
Modific.		Date	Name	Norm						

OR41.42
32.7
KL2134
4-KARHL-OR
24VDC-0.3H



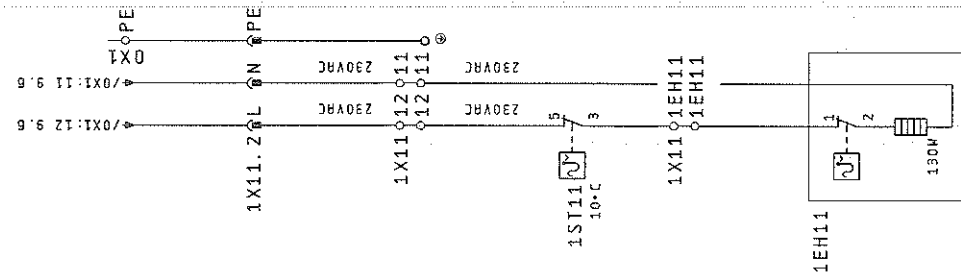
8UF1: E3 86.3/

8UF2: E3 92.3/

RELEASE
QUICK STOP
REEL 1

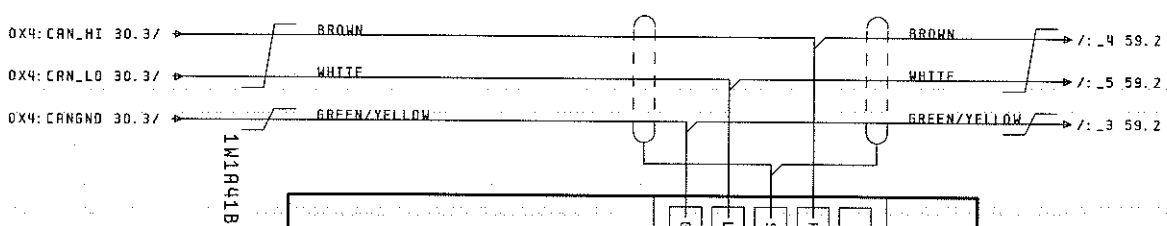
RELEASE
QUICK STOP
REEL 2

Modific.	Date	Name	Norm	Date	28. Jan. 2003	K074630	E V G	CONTROL CABINET	53.2.2858	4MB, Italien	Pg. 47
				Work.	Leo/Mh	PBC 2-16 A, DW C/16, C6 3000TE,	Graz/Austria	OR41.42			
				Check	06 Jul. 2006	RRC/2, SF/PBC			PBC-LINE		175 Pg.

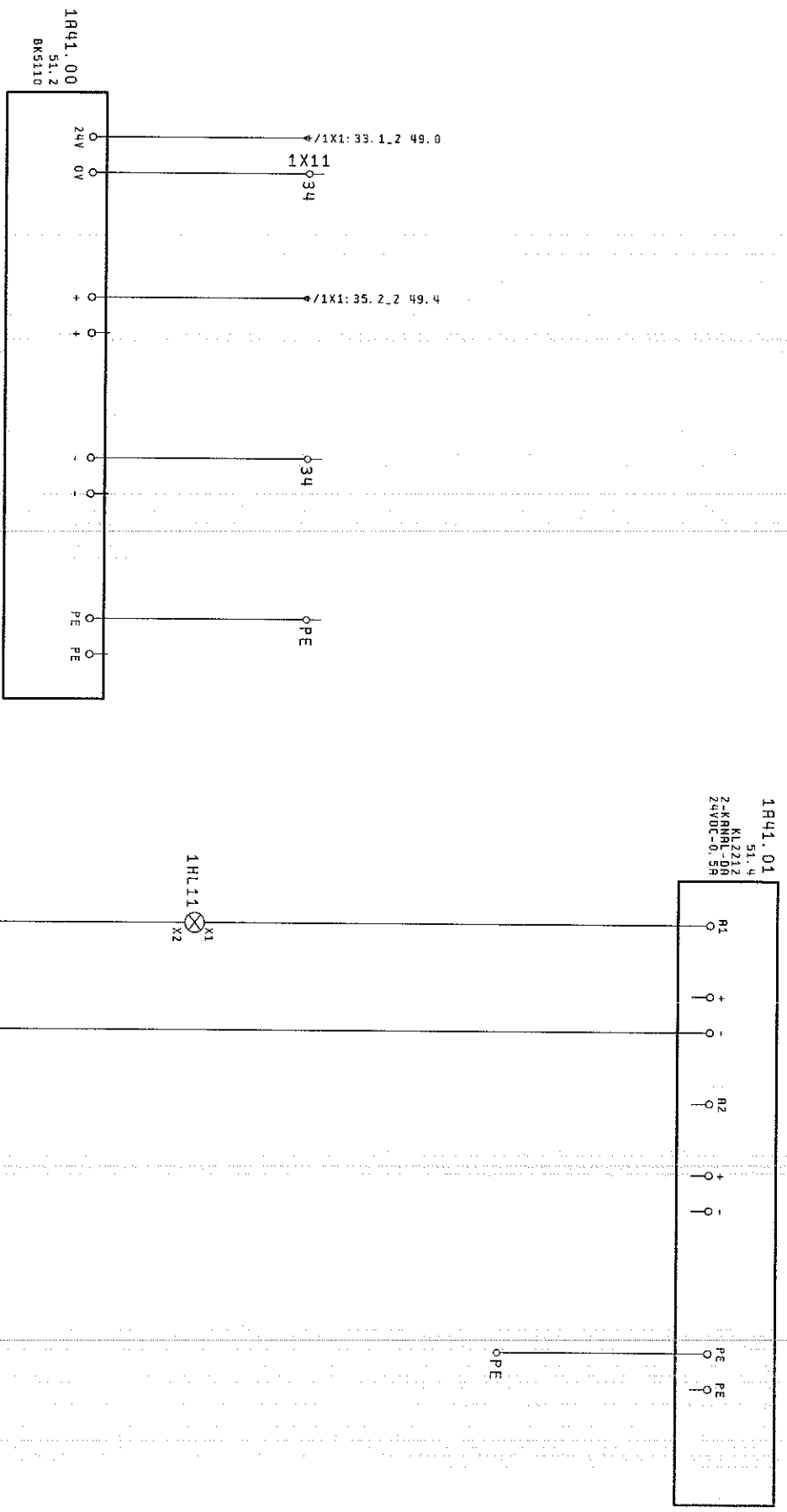


FROST MONITOR
OF CONTROL
PANEL

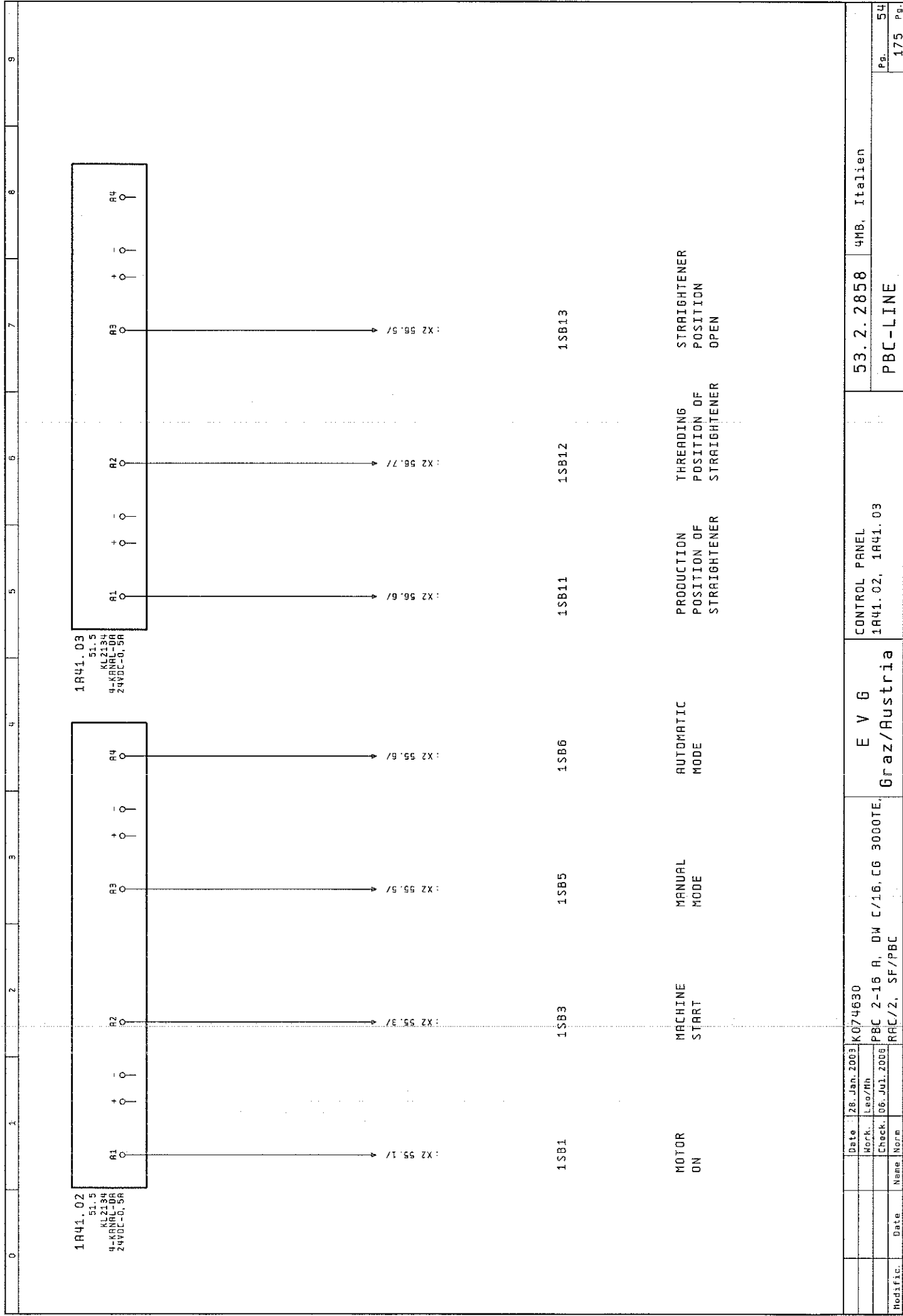
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	Work.	Leo/Hh	PBC 2-16 A, DW C/16, CG 3000TE,	Graz/Austria					
	Check.	06. Jul. 2006	RAC/2, SF/PBC						
Modific.	Date	Name	Norm			PBC-LINE		175	Pg.

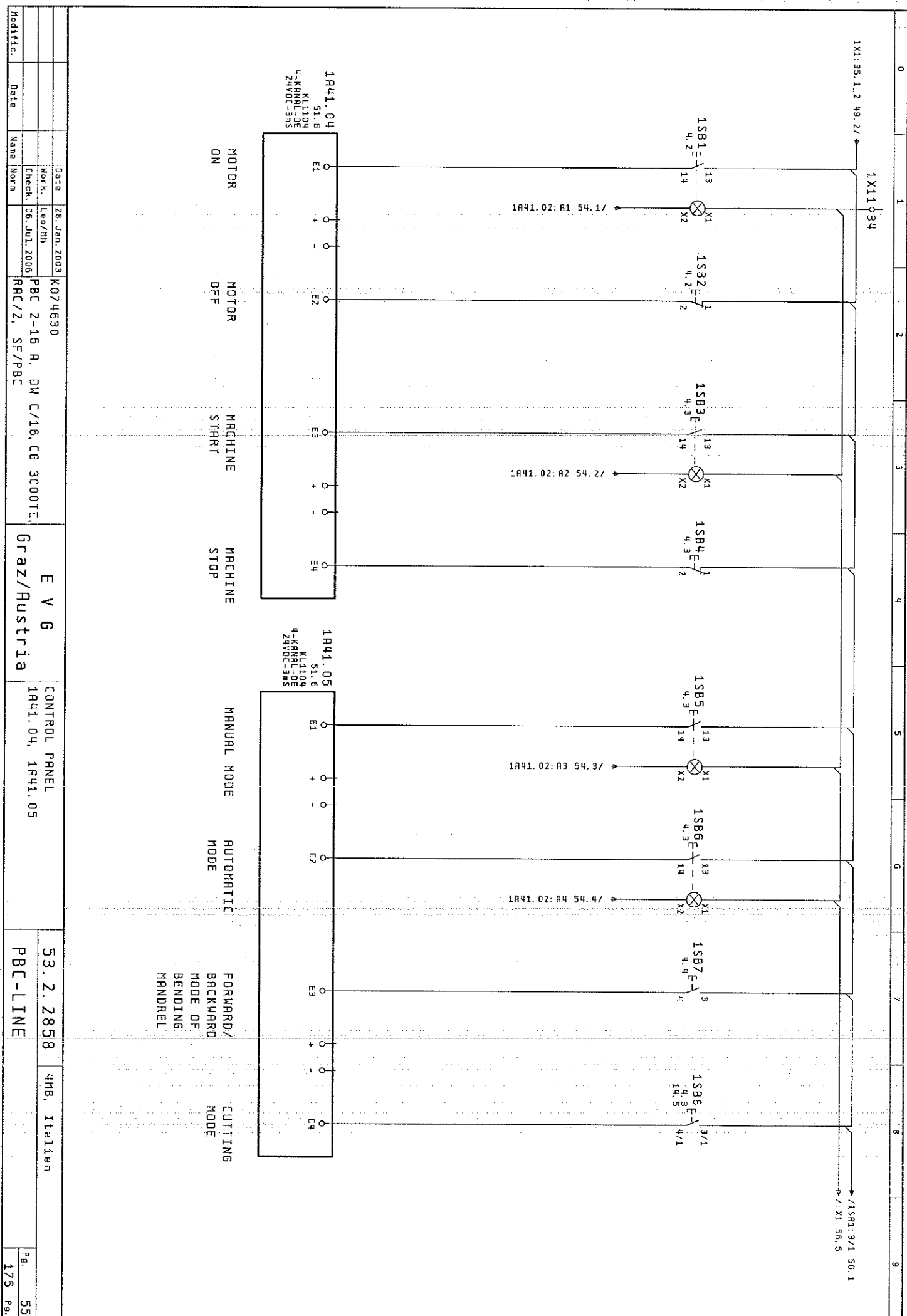


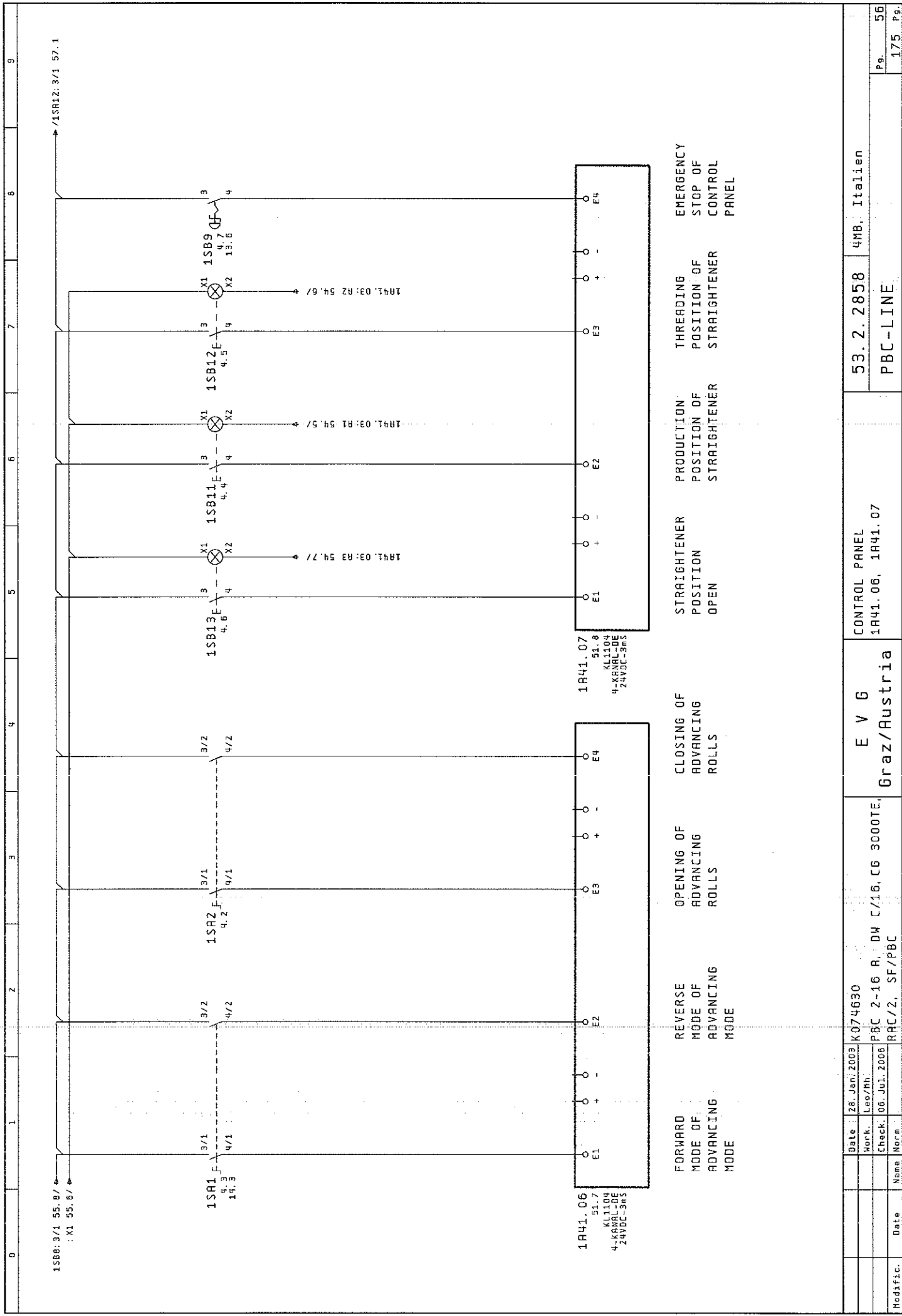
BECKHOFF BK5110		CANopen	
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5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30	31	32
33	34	35	36
37	38	39	40
41	42	43	44
45	46	47	48
49	50	51	52
53	54	55	56
57	58	59	60
61	62	63	64
65	66	67	68
69	70	71	72
73	74	75	76
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89	90	91	92
93	94	95	96
97	98	99	100



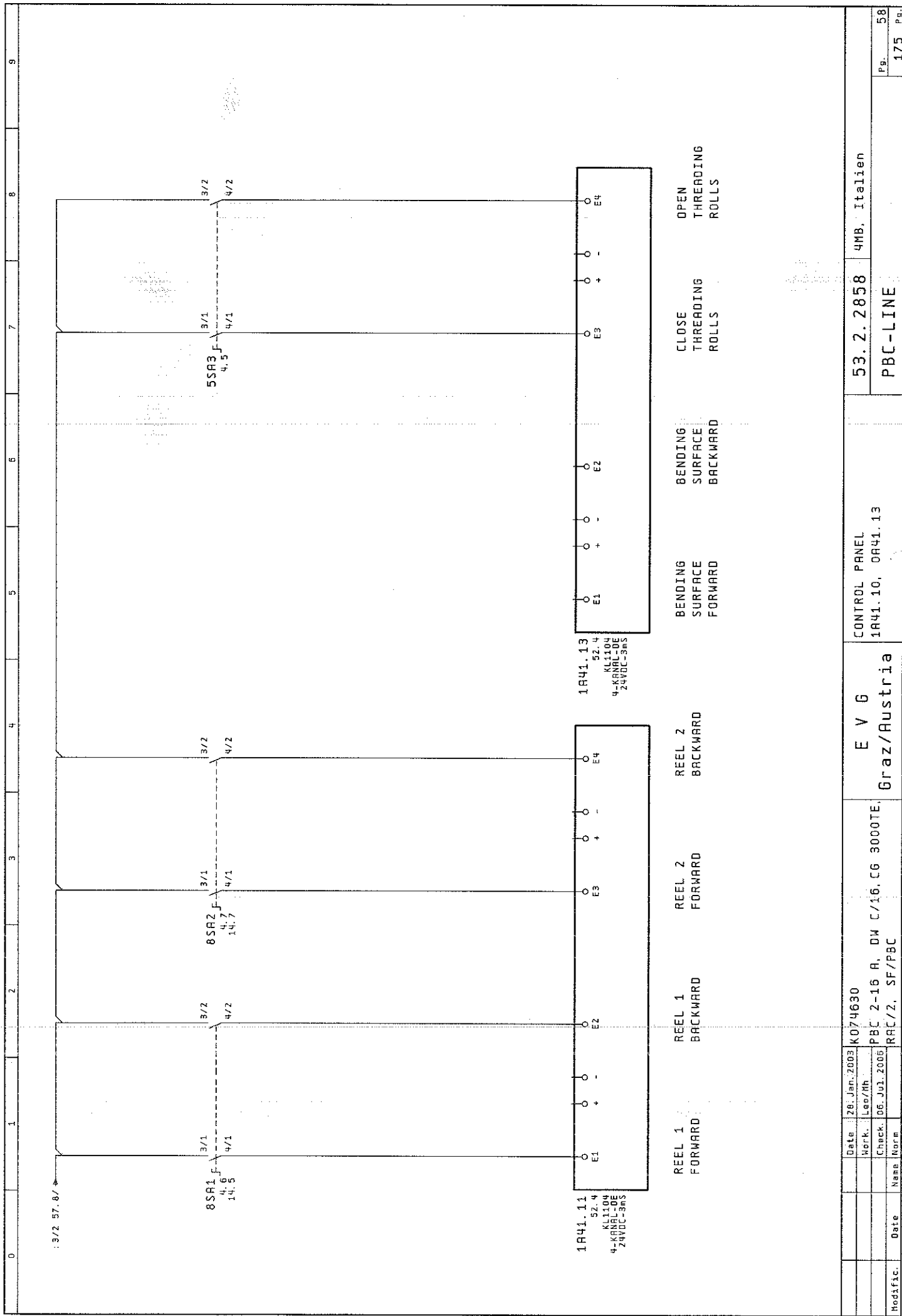
Modification	Date	Name	Date	Work. / rev / Mh	Check	06 Jul. 2006	K074630	PBC 2-16 R, DW C/16, CG 3000TE, RRC/2, SF/PBC	E V G	Graz/Austria	CONTROL PANEL	1R41.00, 1R41.01	53.2.2858	4MB, Italien	Pg. 53	Pg. 175
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Date		28. Jan. 2003	K074630	E V G		CONTROL PANEL		53.2.2858		4MB, Italian	
Work.		Leo/Hh	PBC 2-16 R, DW C/16, C6 3000TE,	Graz/Austria		1A41.06, 1A41.07		PBC-LINE			
Check.		06. Jul. 2006	RAC/2, SF/PBC								
Name		Norm.									
Date											
Modific.											
Page											
175											

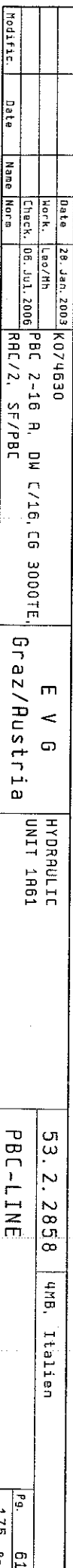


0	1	2	3	4	5	6	7	8	9
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1A60
59.2
TL3202-0511
40E-24V-30mA
40A-24V-0.5A

0	1	2	3	4	5	6	7
4	2	4	4	2	4	4	2
3	1	3	3	1	3	3	2

Modific.	Date	Name	Date	Norm	Check	06. Jul. 2006	Work	28. Jan. 2003	K074630	PBC 2-16 A, DW C/16, C6 3000TE, RAC/2, SF/PBC	E V G Graz/Austria	COUPLER BOX 1A60	53.2.2858 PBC-LINE	4MB, Italien	Pg. 60 175 Pg.
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SHEARS
CLOSED

BENDING
MANDREL
IN FRONT
POSITION

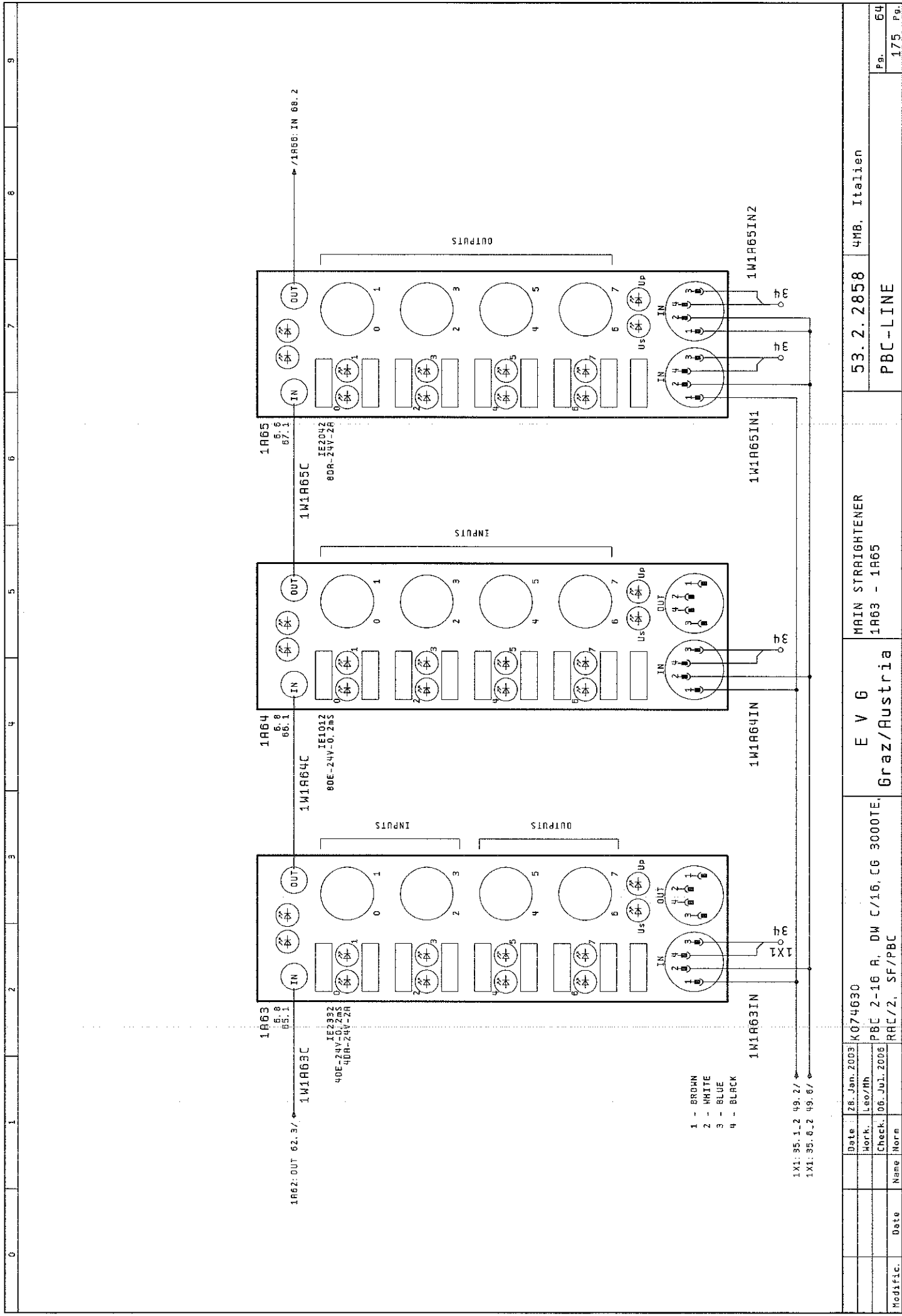
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MANDREL
IN REAR
POSITION

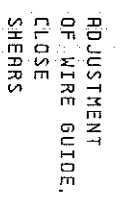
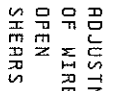
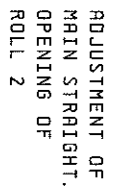
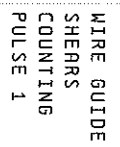
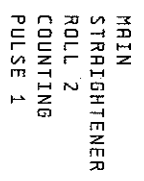
FORWARD
MODE OF
BENDING
MANDREL

BACKWARD
MODE OF
BENDING
MANDREL

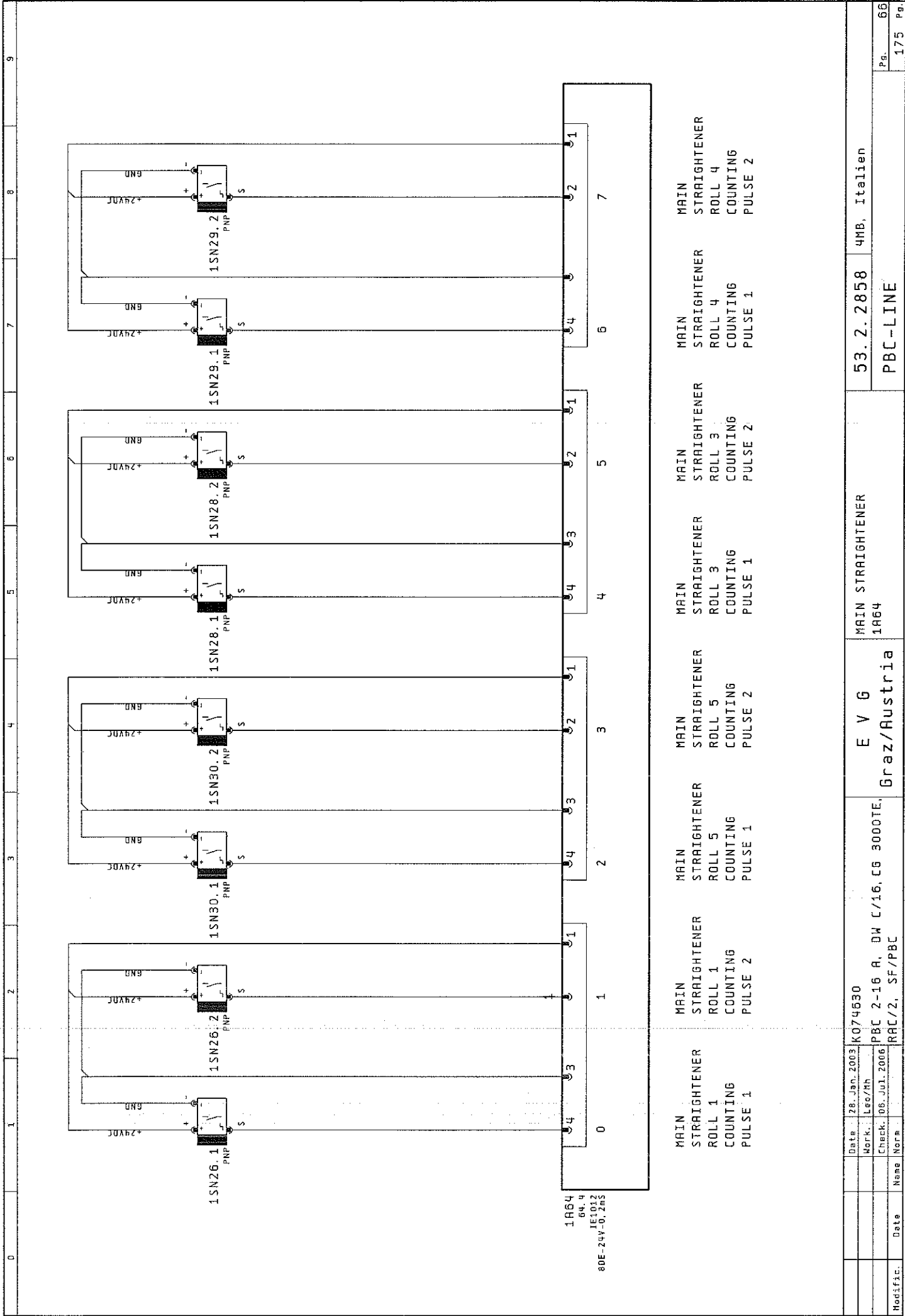
CUTTING MODE

Pg.	63
175	Pg.

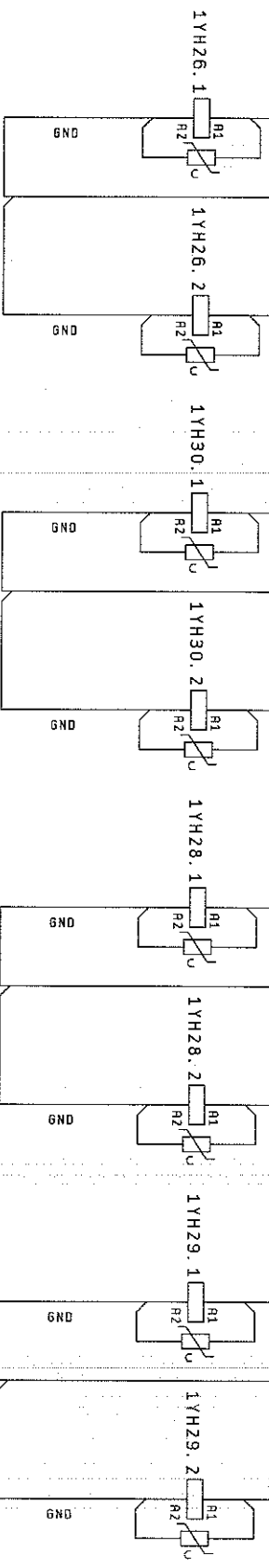
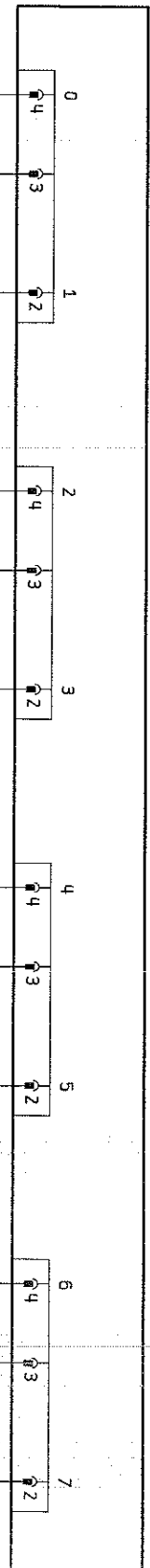




			Date	28 Jan. 2003	K074630	E V G Graz/Austria	MAIN STRAIGHTENER 1R63	53.2.2858	4MB, Italien	Pa. 65
			Work.	Lead/Wh	PBC 2-16 R, DW C/16, CG 3000TE,					
			Check.	06 JUL 2006	RAC/2, SF/PBC			PBC-LINE	Pa. 175	
Modific.	Date	Name	Norm							



1R65
64, 6
1E2042
800-24V-ZR



ADJUSTMENT OF MAIN STRAIGHT. OPENING OF ROLL 1

ADJUSTMENT OF MAIN STRAIGHT. CLOSING OF ROLL 1

ADJUSTMENT OF MAIN STRAIGHT. OPENING OF ROLL 5

ADJUSTMENT OF MAIN STRAIGHT. CLOSING OF ROLL 5

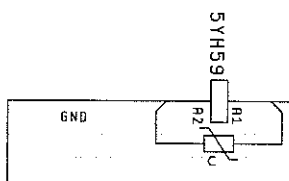
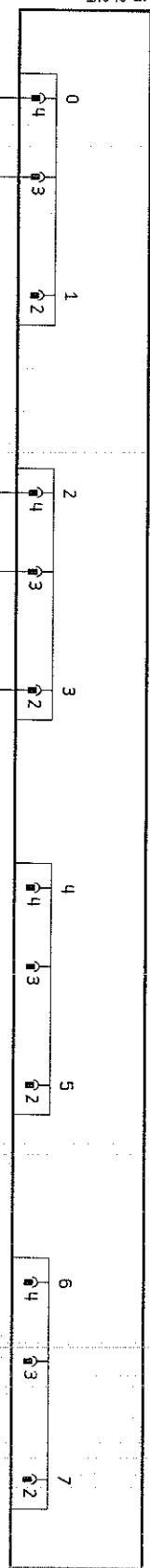
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ADJUSTMENT OF MAIN STRAIGHT. CLOSING OF ROLL 3

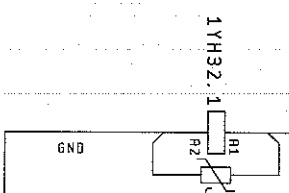
ADJUSTMENT OF MAIN STRAIGHT. OPENING OF ROLL 4

ADJUSTMENT OF MAIN STRAIGHT. CLOSING OF ROLL 4

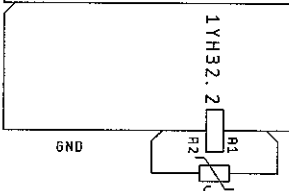
1R66
B8.2
IEZ042
806-24V-2R



RELEASE WIRE
CLAMPING
DEVICE



PRESSING OF
ADVANCING
ROLLS



OPENING OF
ADVANCING
ROLLS

Modific.	Date	Name	Date	28. Jan. 2003	K074630	PBC 2-16 R, DW C/16, CG 3000TE, RRC/2, SF/PBC	E V G	ADVANCING MODE	1R66	53.2.2858	4NB, Italien	Pa. 69
			Work.	Leo/Th			Graz/Austria					175 Pa.
			Check.	06. Jul. 2006								

0	1	2	3	4	5	6	7	8	9
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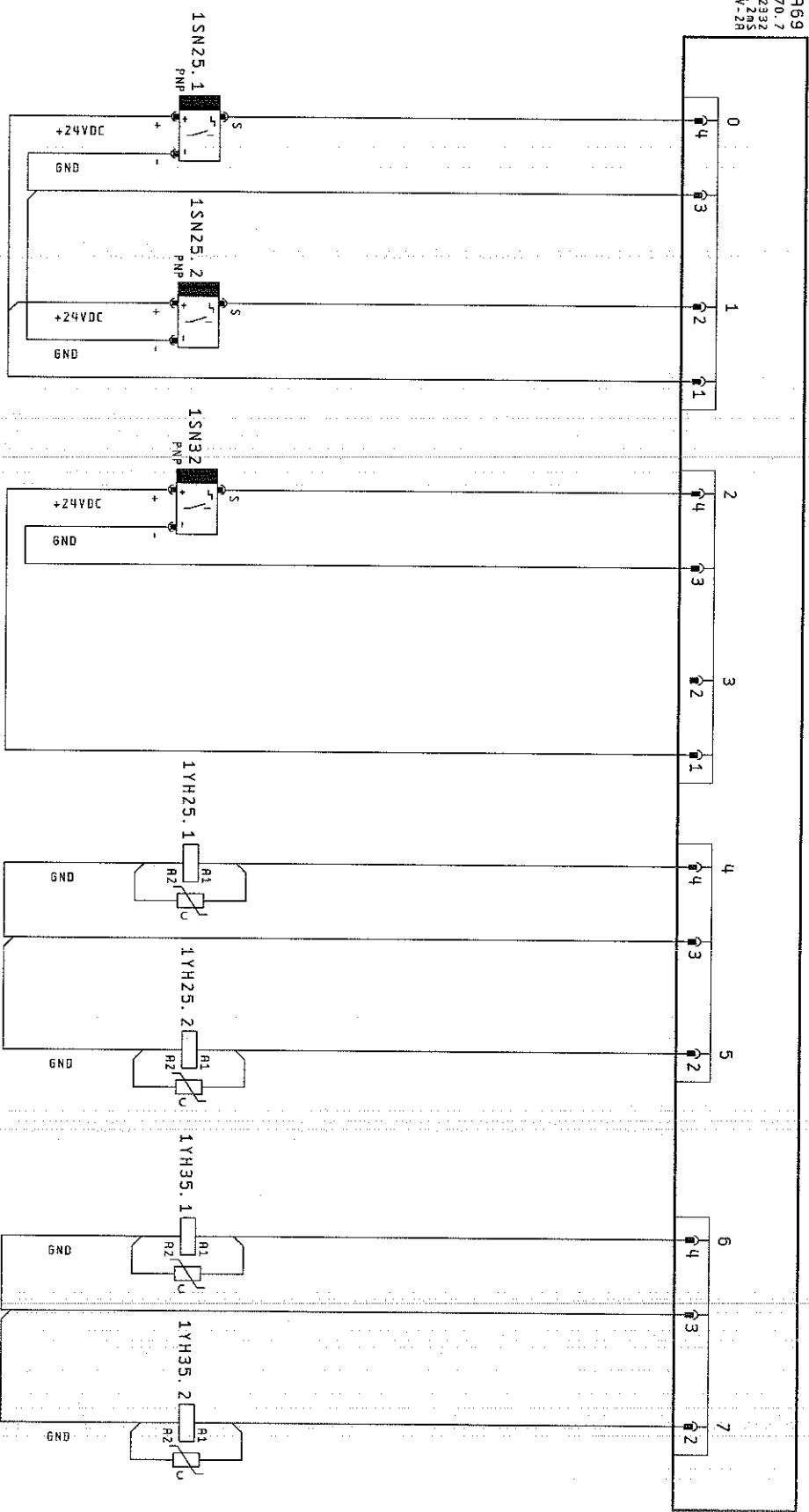
1A68
70.4
1E2042
80R-24V-2R

0	1	2	3	4	5	6	7
4	3	2	4	3	2	4	3
1YH21.1	1YH21.2	1YH22.1	1YH22.2	1YH23.1	1YH23.2	1YH24.1	1YH24.2
R1 R2	R1 R2	R1 R2	R1 R2	R1 R2	R1 R2	R1 R2	R1 R2
ONG	ONG	ONG	ONG	ONG	ONG	ONG	ONG

ADJUSTMENT OF PRE-STRAIGHT.: OPENING OF ROLL 1	ADJUSTMENT OF PRE-STRAIGHT.: OPENING OF ROLL 2	ADJUSTMENT OF PRE-STRAIGHT.: CLOSING OF ROLL 2	ADJUSTMENT OF PRE-STRAIGHT.: OPENING OF ROLL 3	ADJUSTMENT OF PRE-STRAIGHT.: CLOSING OF ROLL 3	ADJUSTMENT OF PRE-STRAIGHT.: OPENING OF ROLL 4	ADJUSTMENT OF PRE-STRAIGHT.: CLOSING OF ROLL 4
---	---	---	---	---	---	---

0									
1									
2									
3									
4									
5									
6									
7									
8									
9									

1R69
70.7
IE2932
4DE-24V-0.2MS
4DR-24V-2R



PRE-STRAIGHT . : PRE-STRAIGHT :	
COUNTING	COUNTING
PULSE 1	PULSE 2
FOR ROLL 5	FOR ROLL 5
	ADVANCING
	ROLLS
	OPEN

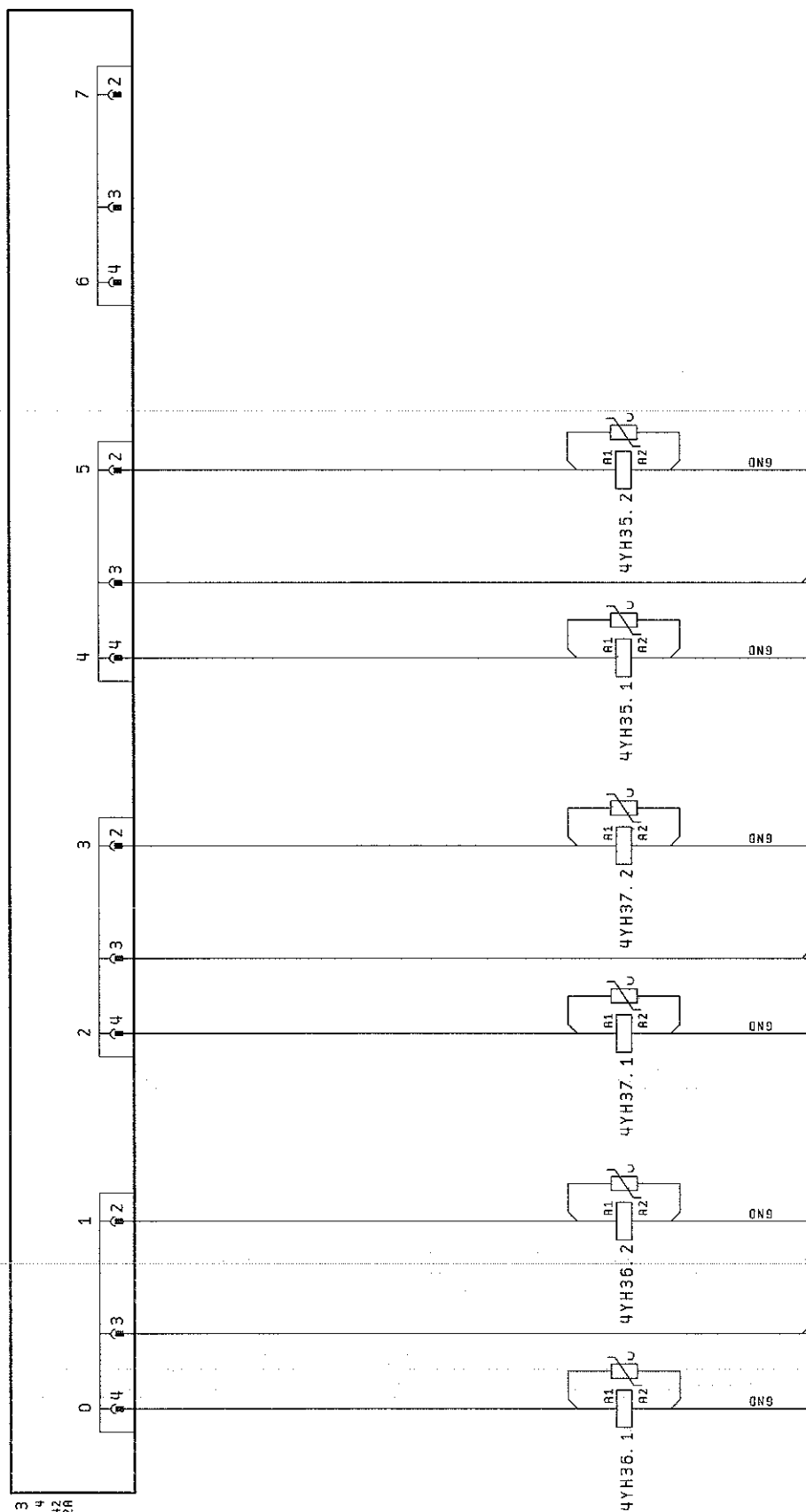
ADJUSTMENT OF PRE-STRAIGHT.: OPENING OF ROLL 5	ADJUSTMENT OF PRE-STRAIGHT.: CLOSING OF ROLL 5	OPEN THREADING ROLLS	CLOSE THREADING ROLLS

		Date	28-Jan-2003	K074630	E V G Graz/Austria	PRESTRIIGHTENER 1869	53.2.2858	4MB, Italian	Pg. 73	175 Pg.
		Work.	Leo/Hh	P8C 2-16 A, 0W C/16, C6 3000TE,						
		Check	06-Jul-2006	RAC/2, SF/P8C						
Modific.	Date	Name	Norm							

[illegible]

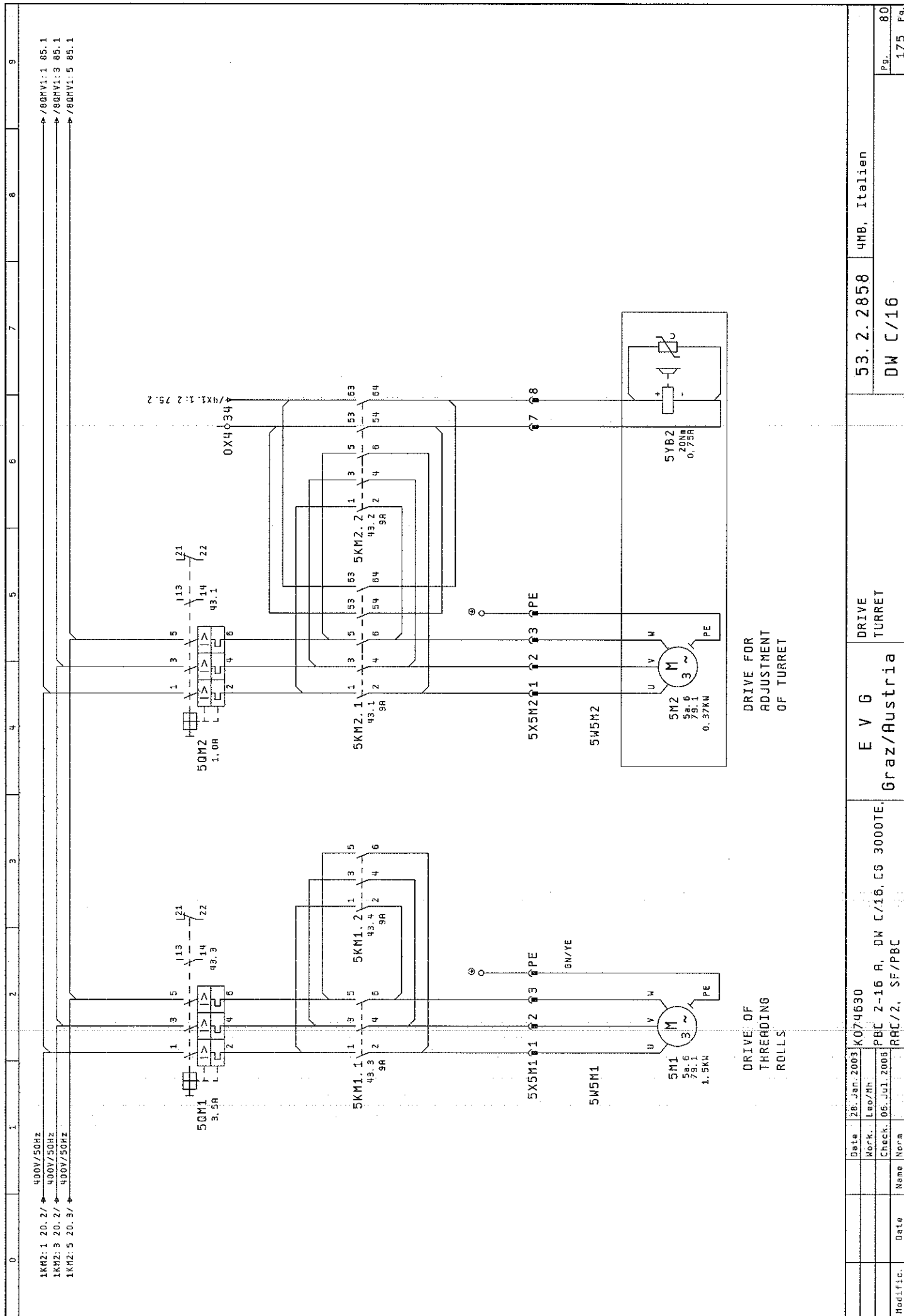
0	1	2	3	4	5	6	7	8	9																																								
<table border="1"> <tr> <td>Modific.</td> <td>Date</td> <td>Name</td> <td>Date</td> <td>Work.</td> <td>Check.</td> <td>Norm</td> </tr> <tr> <td></td> <td></td> <td></td> <td>28. Jan. 2003</td> <td>Leo/Mh</td> <td>06. Jul. 2006</td> <td></td> </tr> </table>										Modific.	Date	Name	Date	Work.	Check.	Norm				28. Jan. 2003	Leo/Mh	06. Jul. 2006																											
Modific.	Date	Name	Date	Work.	Check.	Norm																																											
			28. Jan. 2003	Leo/Mh	06. Jul. 2006																																												
<table border="1"> <tr> <td colspan="4">K074630</td> <td colspan="2">E V G</td> <td colspan="2">CONTROL VOLTAGE</td> <td colspan="2">53.2.2858</td> </tr> <tr> <td colspan="4">PBC 2-16 A, DW C/16, CG 3000TE</td> <td colspan="2">Graz/Austria</td> <td colspan="2">24VDC</td> <td colspan="2">UMB, Italien</td> </tr> <tr> <td colspan="4">RHC/2, SF/PBC</td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2">Pg. 75</td> </tr> <tr> <td colspan="4"></td> <td colspan="2"></td> <td colspan="2"></td> <td colspan="2">175 Pg.</td> </tr> </table>										K074630				E V G		CONTROL VOLTAGE		53.2.2858		PBC 2-16 A, DW C/16, CG 3000TE				Graz/Austria		24VDC		UMB, Italien		RHC/2, SF/PBC								Pg. 75										175 Pg.	
K074630				E V G		CONTROL VOLTAGE		53.2.2858																																									
PBC 2-16 A, DW C/16, CG 3000TE				Graz/Austria		24VDC		UMB, Italien																																									
RHC/2, SF/PBC								Pg. 75																																									
								175 Pg.																																									

4A73
76.4
IE2042
80R-24V-2A



ROD	ROD	ROD	ROD	ROD
COLLECTING	COLLECTING	COLLECTING	COLLECTING	COLLECTING
BENCH,	BENCH,	BENCH,	BENCH,	BENCH,
LIFTING	LIFTING	LOWERING	OPEN FLAP	CLOSE FLAP
OF HOOK 1	OF HOOK 1	OF HOOK 2	OF HOOK 2	

0	1	2	3	4	5	6	7	8	9
THREADING ROLLS									
SM1		5X5M1							
80.2		8.6							
TURRET									
5M2		5X5M2							
80.4		8.6							
K074630									
Date		28. Jan. 2003		E V G		TERMINAL BOARDS		53.2.2858	
Work.		Leo/Mh		Graz/Austria				QMB, Italien	
Check.		06. Jul. 2006						DW C/16	
Name		Norm						175 Pg.	
Modific.		Date						79	



0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---

Modific.	Date	Name	Mora	Date	28. Jan. 2003	K074630	PBC 2-16 R, DW C/16, CG 3000TE.	RRC/2, SF/PBC	E V G	Graz/Austria	TURRET SR70	53.2.2858	4MB, Italien	Pg. 81
				Work.	Leo/Mh									175 Pg.
				Check.	05. Jul. 2006									

1R69: OUT 70.5/

5MSR70C

IE1012
80E-24V-0.2ms

5MSR70IN

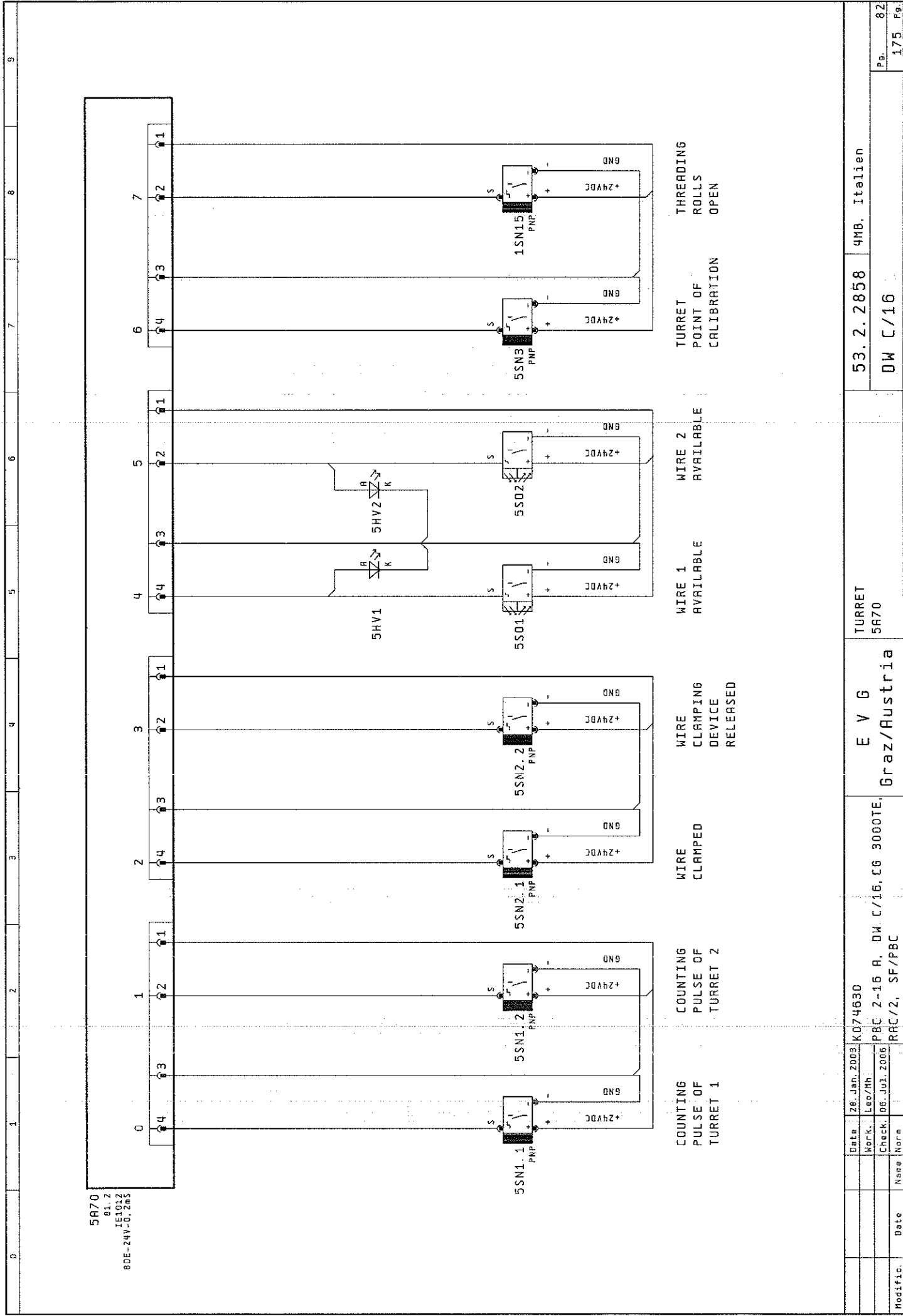
1X1: 35.1-2 49.2/

1X1: 35.3-2 49.4/

Diagram of the 5MSR70C turret switch. It features a central rectangular body with two rows of circular contacts. The top row is labeled 'IN' and the bottom row 'OUT'. Each contact is numbered 0 through 7. To the left of the contacts are four rectangular blocks, each with a circular contact labeled 1, 2, 3, and 4. A legend on the left indicates: 1 - BROWN, 2 - WHITE, 3 - BLUE, 4 - BLACK. The diagram is labeled '5MSR70C' at the top and '5MSR70IN' at the bottom. A bracket labeled 'INPUTS' spans the bottom row of contacts. Wires are shown connecting the contacts to the legend and to the 1X1 components.

5R70
5.5
82.1

/1R69: IN 70.7



--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

DRIVE REEL 1

8M1.1	8X8MV1.1
88.2	8a.2
8MV1.1	88.1
88.1	8X8ST1.1
8ST1.1	8a.2
88.4	8X8YB1.1
8YB1.1	8a.3
88.5	

DRIVE REEL 4

8M2.1		8X8MV2.1	
94.2		8a.	
8MV2.1		8X8ST2.1	
94.1		8a.	
8ST2.1		8X8ST2.1	
94.4		8a.	
8YB2.1		8X8YB2.1	
94.5		8a.	

DRIVE REEL 2

8M1.2	8X8MV1.2
89.2	8a.3
8MV1.2	89.1
89.1	8X8ST1.2
8ST1.2	8a.3
89.4	8X8YB1.2
8YB1.2	8a.4
89.5	

DRIVE REEL 5

8M2.2	8X8MV2.2
95.2	8a.6
8MV2.2	95.1
95.1	8X8ST2.2
8ST2.2	95.4
95.4	8a.6
8YB2.2	8X8YB2.2
95.5	8a.7

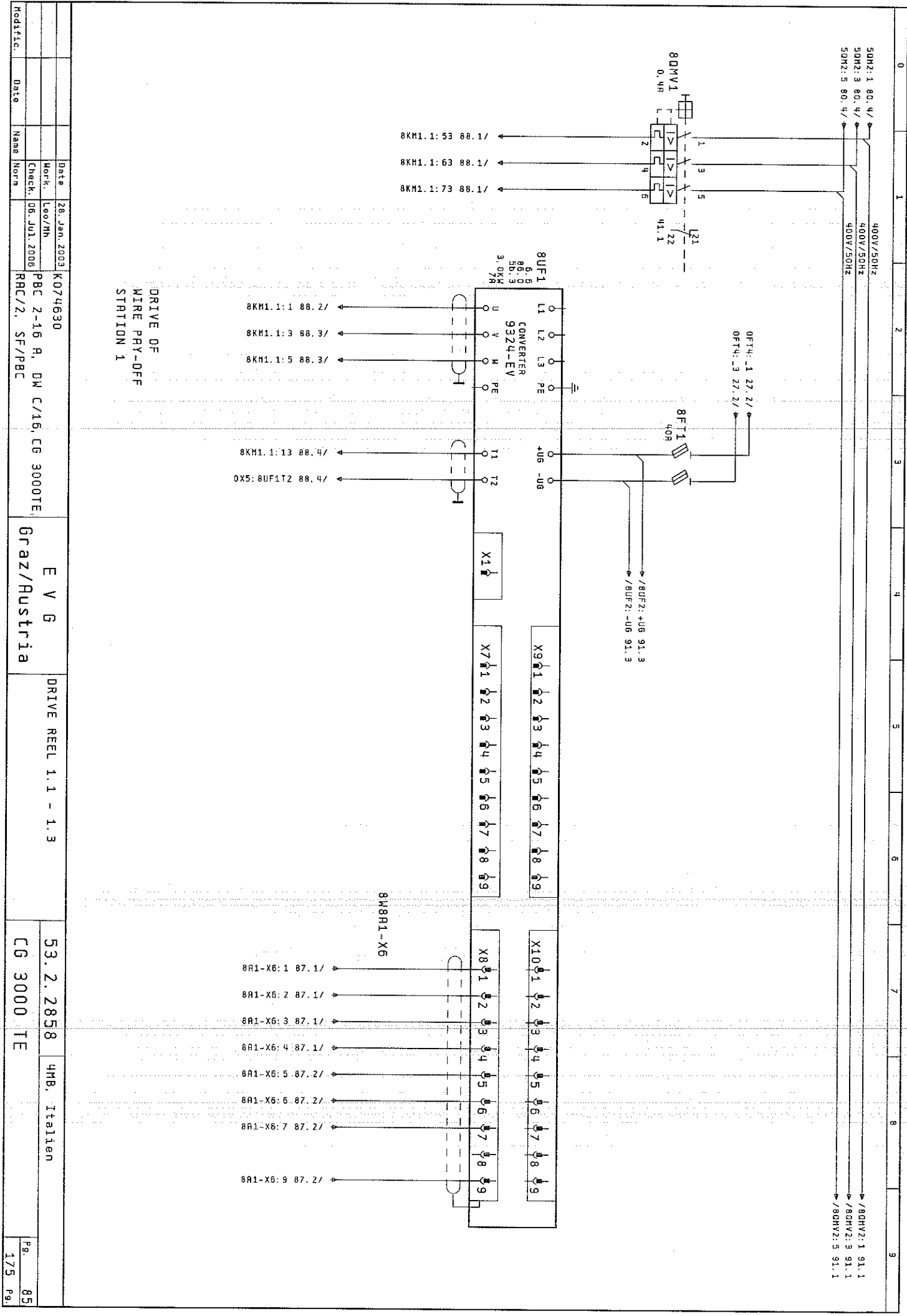
DRIVE REEL 3

8M1.3	8X8M1.3
90.2	8a.4
8MV1.3	90.1
90.1	8X8ST1.3
8ST1.3	90.4
90.4	8a.4
8YB1.3	8X8YB1.3
90.5	8a.5

WIRE PAY-OFF

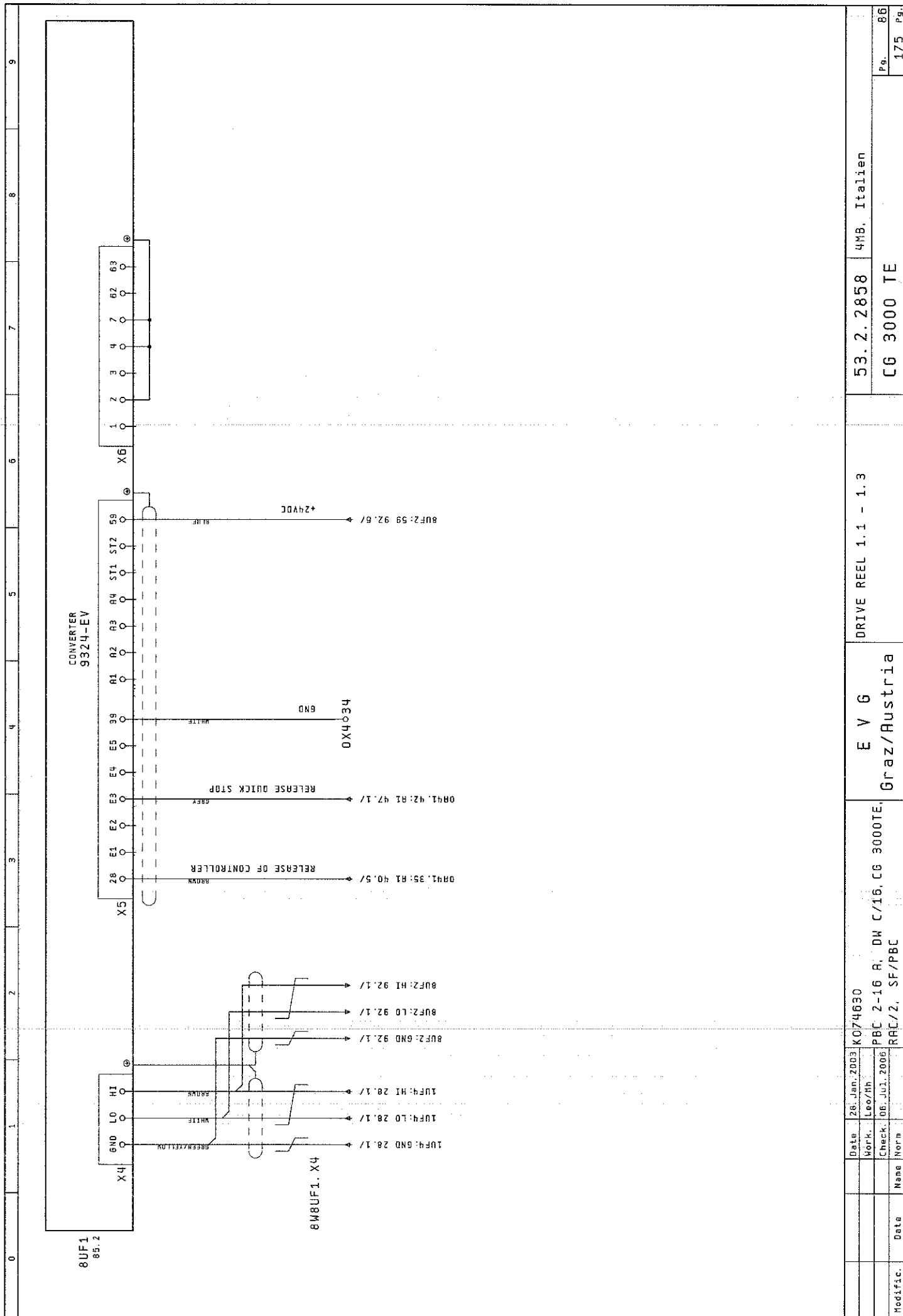
8W8X1. PE

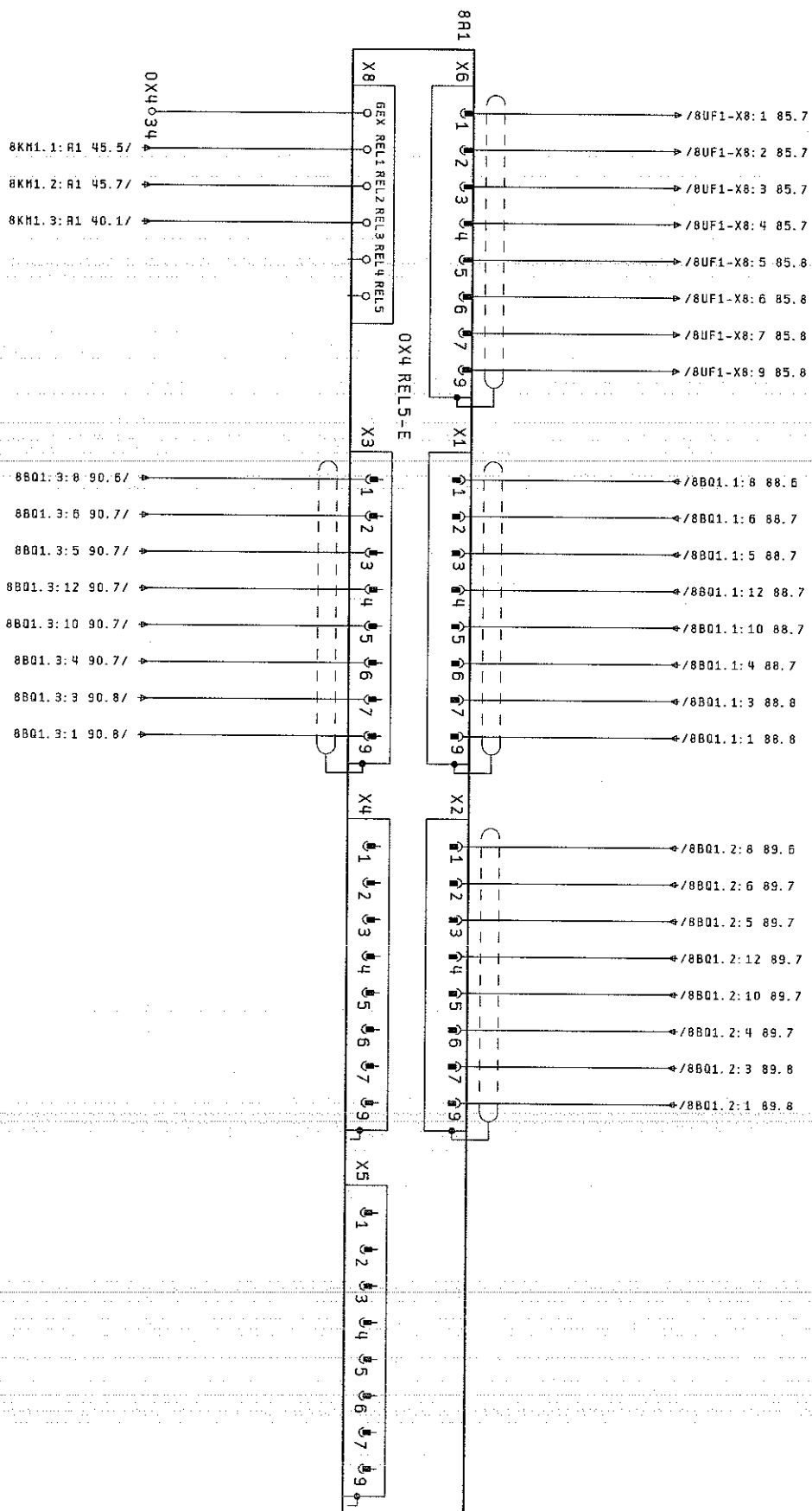
Date	28. Jan. 2003	K074630	E V G	TERMINAL BOARDS	53.2.2858	qyb. Italien	Pg. 83
Work.	Leo/HH	PBC 2-16 R, DM C/16, CG 3000TE	Graz/Austria				
Check.	06. Jul. 2006	RAC/2. SF/PBC			CG 3000 TE		Pg. 175
Modific.	Date	Name	Norm				



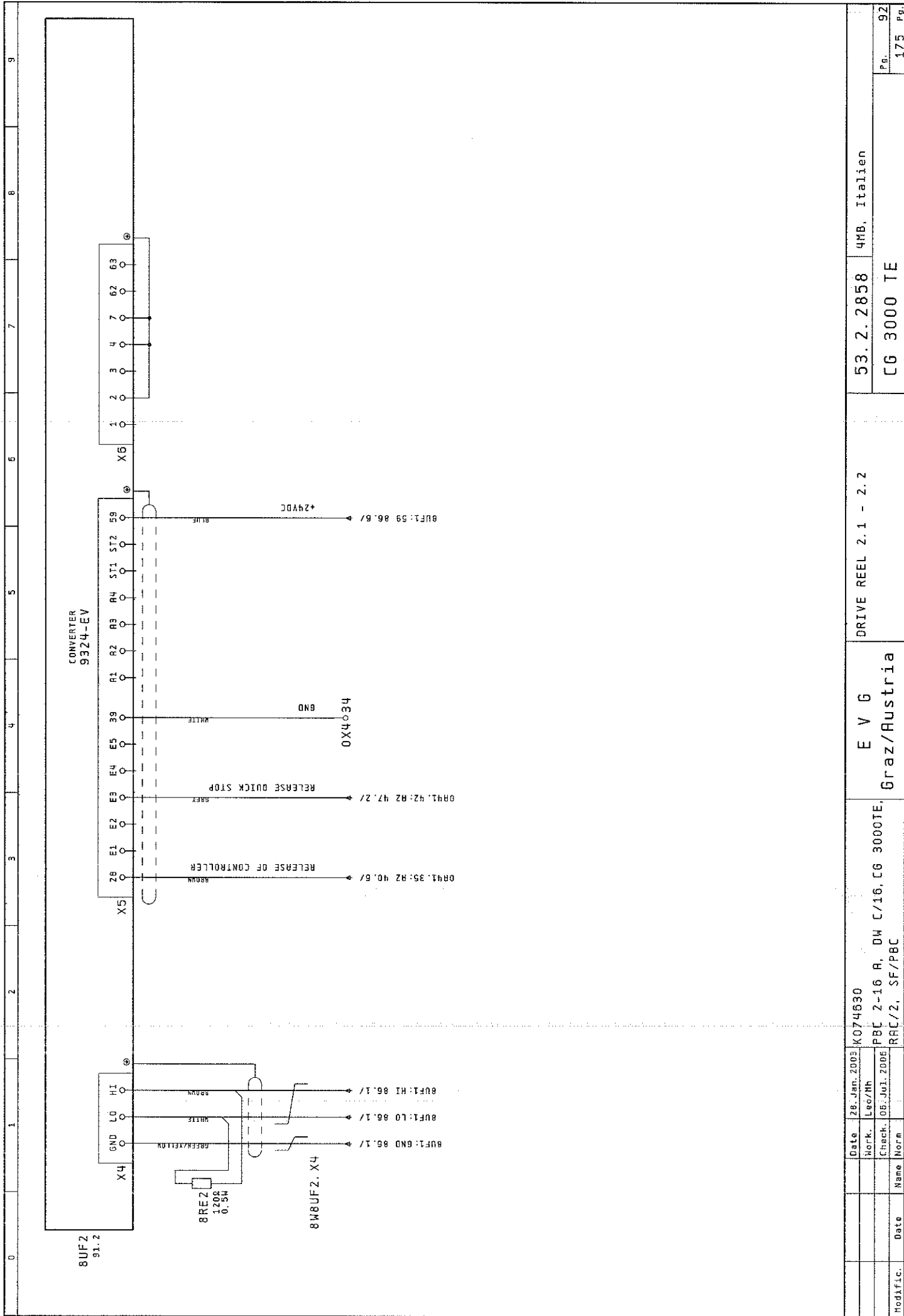
DRIVE OF
WIRE PAY-OFF
STATION 1

Modific.	Date	Name	Norm	Date	28. Jan. 2003	K074630	PBC 2-16 R, DW C/16, CG 3000TE	RAC/2, SF/PBC	E V G	DRIVE REEL 1.1 - 1.3	53.2.2858	4NB, Italien	Pa. 85
				Work.	Leo/hh								
				Check.	06. Jul. 2006								

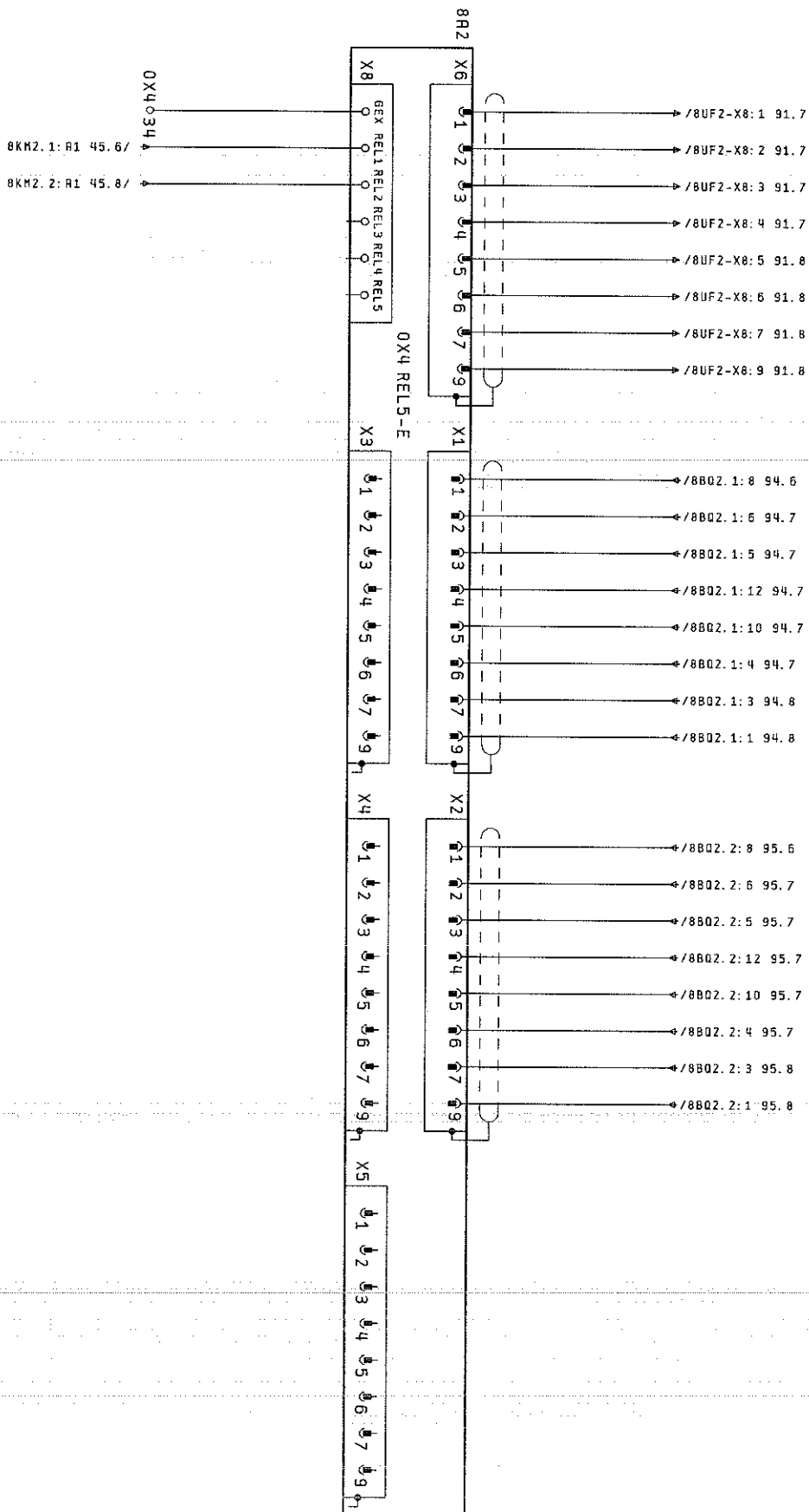




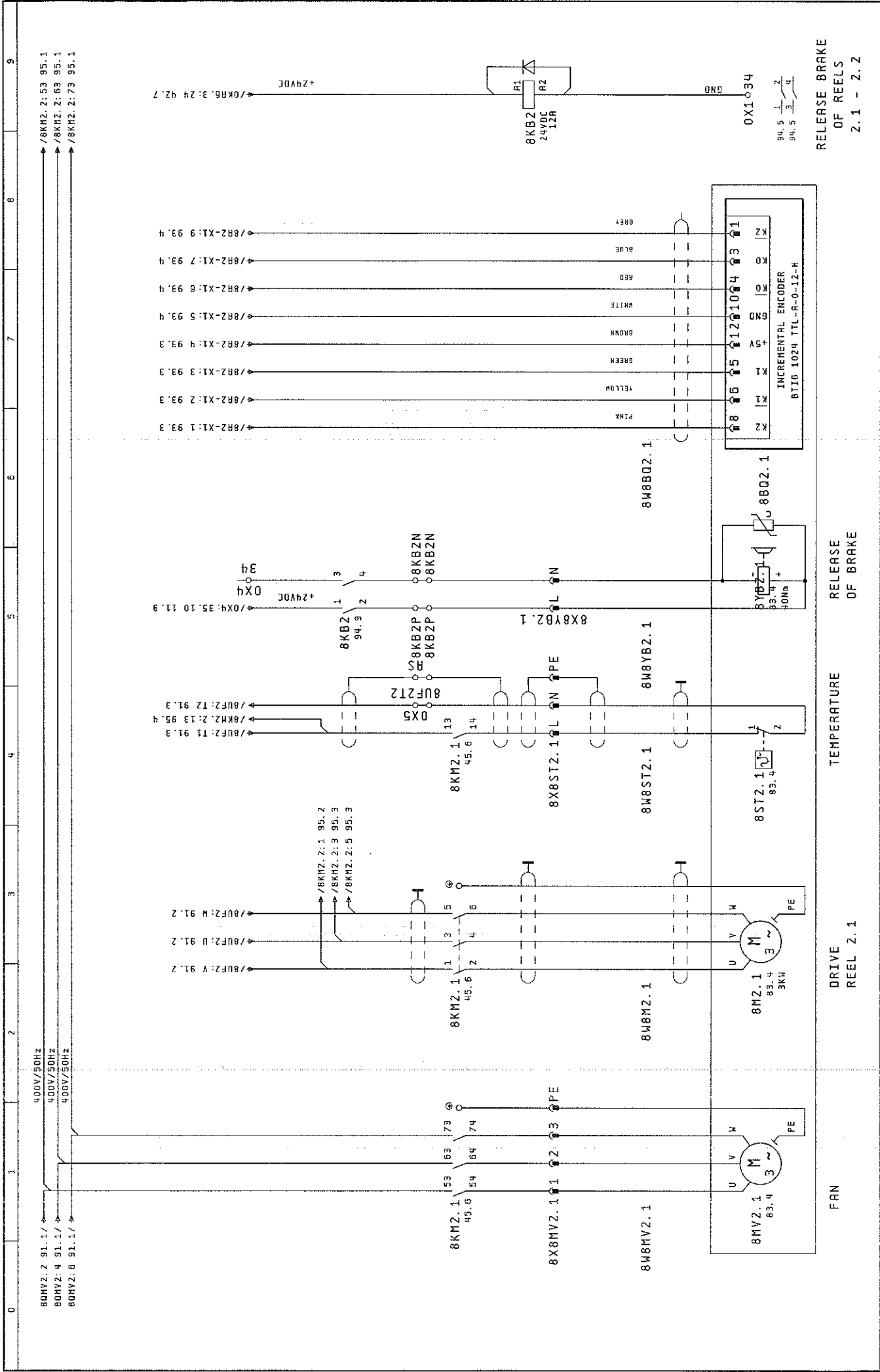
Modific.	Date	Name	Norm	Date	28. Jan. 2003	K074630	E V G	DRIVE REEL 1.1 - 1.3	53.2.2858	4MB, Italien	Pg. 87
				Work.	Leo/Hh	PBC 2-16 A, DN C/16, C6 3000TE	Graz/Austria				
				Check	06. Jul. 2006	RAC/2, SF/PBC					



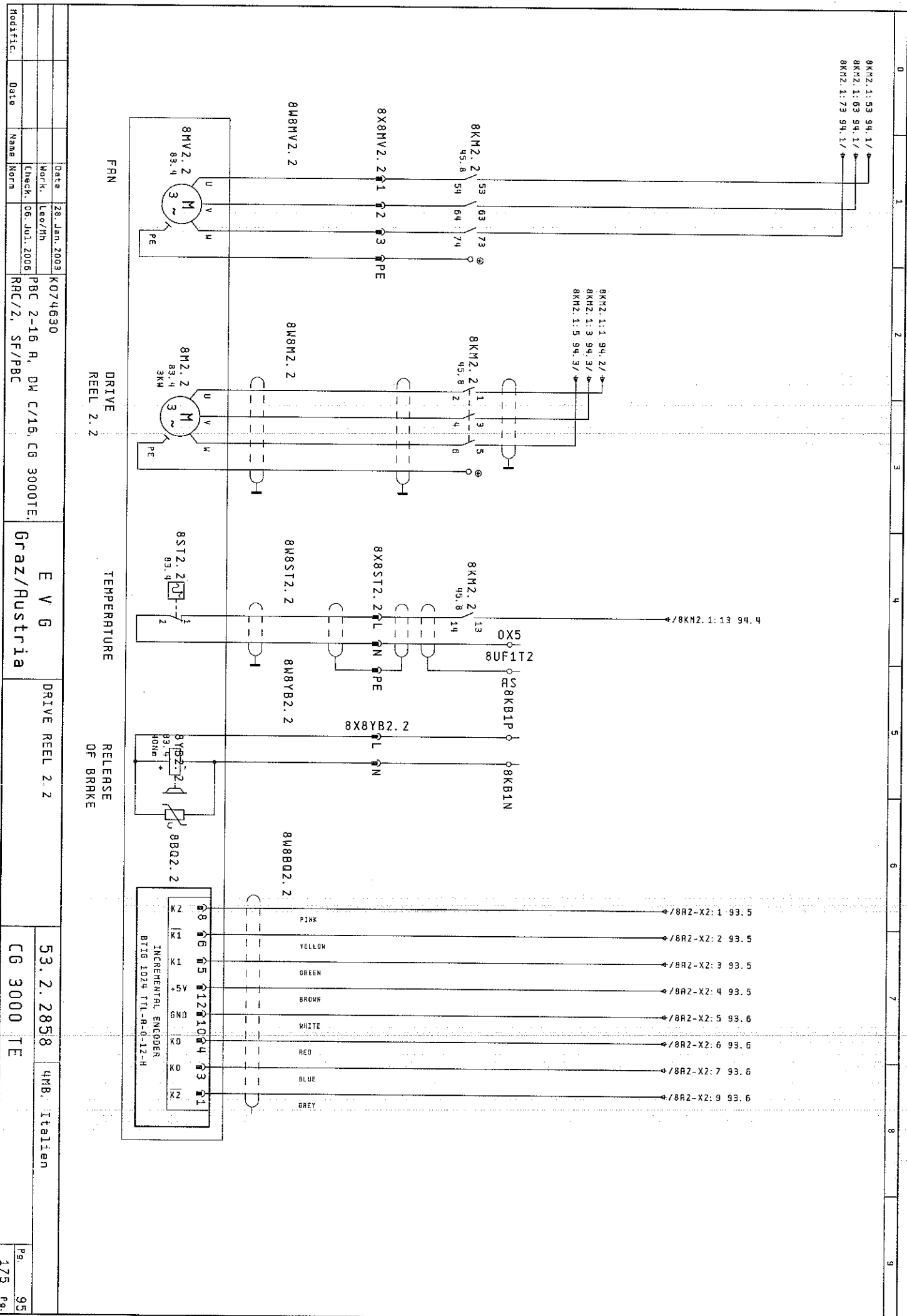
Date: 28. Jan. 2003		K074630		DRIVE REEL 2.1 - 2.2		53.2.2858		4MB, Italien	
Work. Log/Mh		PBC 2-16 R, DW C/16, CG 3000TE,		E V G		CG 3000 TE		92	
Check. 06. Jul. 2005		RAC/2, SF/PBC		Graz/Austria		175 Pg.		Pg.	
Modific.		Name		Date					



Modific.	Date	Name	Norm	Date	28. Jan. 2003	K074630	E V G	DRIVE REEL 2.1 - 2.2	53.2.2858	4MB, Italien	Pg. 93
				Work.	14.07.03	P8C 2-16 R, DW C/16, CG 3000TE,	Graz/Austria				
				Check.	06. Jul. 2006	RRC/2, SF/P8C					



Date		28. Jan. 2003	K074630		53.2.2858		4MB, Italien	
Work		Leo/Mh	PBC 2-16 A, DW C/16 C6 3000TE		E V G		DRIVE REEL 2.1	
Check		06. Jul. 2006	RAL/2, SF/PBC		Graz/Austria		RELEASE OF BRAKE	
Name		Norm					TEMPERATURE	
Date							DRIVE REEL 2.1	
Modific.							RELEASE OF BRAKE	
							C6 3000 TE	
							Pg. 94	
							175 Pg.	



0	1	2	3	4	5	6	7	8	9
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	PLUG 1X1EH2		1X1EH2				PAGE/PATH			
	#1EH2	4	L	BU				OX1	12	19.8
	#1EH2	1	N	BN				OX1	11	19.8
	#1EH2	Ⓢ	PE	GN/YE				Ⓢ		19.8

IEC757

BK = BLACK
 BN = BROWN
 RD = RED
 YE = YELLOW
 GN = GREEN
 BU = BLUE
 VT = VIOLET
 GY = GREY
 WH = WHITE
 PK = PINK

		Date		28. Jan. 2003		KO74630		E V G		1X1EH2		53.2.2858		4MB, Italien	
		Work.		Leo/Th		PBC 2-15 A, DW C/16, C6 3000TE		Graz/Austria				PLUG			
		Check.		06. Jul. 2006		RAC/2, SF/PBC									
Modific.		Date		Name		Norm									

Pg.	96
Pg.	175