

STAGE ID.NO.	ITM QTY	HA ME PE DISIGNATION	DRAWING	GROUP	VT-S ETK
	2530527	EF STK AXIS 1-6 RV6 RS5 CONTROL CABINET	012984	92	N N
1	338046	1,000 FB STK HOUSING BOTTOM 09 30 024 0301	0408	52 HARTING ELEK N 0 0 0	
1	2139220	2,000 FB STK JACK INSERT 09 32 046 3109	2522	52 HARTING ELEK N 0 0 0	
1	356410	3,000 FB STK CRIMP CONTACT 0,75 AG 09 33 000 6205	0182	52 HARTING ELEK N 0 0 0	
1	1540393	4,000 FB STK CRIMP CONTACTS 2,5 AG 09 33 000 6202	0186	52 HARTING ELEK N 0 0 0	
1	1627398	5,000 FB STK GUIDE SLEEVE 09 33 000 9909	3103	52 HARTING ELEK N 0 0 0	
1	1627380	6,000 FB STK GUIDE PIN 09 33 000 9908	3102	52 HARTING ELEK N 0 0 0	
1	338046	11,000 FB STK HOUSING BOTTOM 09 30 024 0301	0408	52 HARTING ELEK N 0 0 0	
1	1170647	12,000 FB STK JACK INSERT 09161083101	2008	52 HARTING ELEK N 0 0 0	
1	1627398	15,000 FB STK GUIDE SLEEVE 09 33 000 9909	3103	52 HARTING ELEK N 0 0 0	
1	1627380	16,000 FB STK GUIDE PIN 09 33 000 9908	3102	52 HARTING ELEK N 0 0 0	
1	2138602	21,000 FB STK REGULATOR 4003	6021	21 I R T SA J 6 0 0	
1	2139527	22,000 FB STK BAR CLAMPING SK14 3025176	4101	55 PHOENIX CONT N 0 0 0	
1	2290726	23,000 EF STK CONNECTING CABLE/REGULATOR CAN-BUS	012995	92 N 0 0 0	
.2	2140491	1,000 FB STK SUB-D 9POL.BU/INSULATION TERMINAL	1358	54 HARTING ELEK N 0 0 0	
.2	2363671	2,000 FB STK SUB-D 9POL.BU/PLUG INSERT 09 66 118 7500	1357	54 HARTING ELEK N 0 0 0	
.2	956292	3,000 FB MM FLAT CABLE 9POLES FBK-9	700109	56 HARTING ELEK N 0 0 0	
.2	1764431	4,000 FB STK S-SUB SCREW CLIP 43438-3	0267	54 SCHURICHT GM N 0 0 0	
1	2140954	26,000 FB STK FIXATION SET FOR BLZ SLABB6RORSET 156296	1439	54 WEIDMUELLER N 0 0 0	
1	2140947	27,000 FB STK JACK BAR 2POL. BLZ5.08/2BSNR 152876	1430	54 WEIDMUELLER N 0 0 0	
1	2139022	28,000 FB STK MOTOR LINE / SS	90	N 1 0 0	
.2	1675447	1,350,000 FB MM OELFLEX-110 CY 5X1,0	101205	56 WEYDEMAYER G N 0 0 0	
.2	356410	6,000 FB STK CRIMP CONTACT 0,75 AG 09 33 000 6205	0182	52 HARTING ELEK N 0 0 0	
.2	44917	5,000 FB STK MULTICORE CABLE END 4097.0	0306	58 WEIDMUELLER N 0 0 0	
.2	44933	1,000 FB STK MULTICORE CABLE END 4631.0	0307	58 WEIDMUELLER N 0 0 0	
1	2139014	1,000 EF STK RESOLVER LINE / SS	90	N 1 0 0	
.2	1402388	1,850,000 FB MM SPIRAL CABLE SIG.ERK 0950 REV.5	470950	56 ELOCAB SONDE N 0 0 0	
.2	1476119	2,000 FB STK D-SUP 9POL.CRIMP PIN FL-09P7K120	0951	54 HARTING ELEK N 6 0 0	
.2	1476135	9,000 FB STK CRIMP CONTACT D-SUB PIN FL20PL	0962	54 F C T ELECTR N 6 0 0	
.2	1476192	1,000 FB STK FULL METAL HOOD 9P.45DEGR. FMK1	0911	54 F C T ELECTR N 6 0 0	
.2	1477091	11,000 FB STK CRIMP CONTACTS 0,14AU BU.09150006224	2022	52 HARTING ELEK N 6 0 0	
.2	1477117	1,000 FB STK CRIMP CONTACTS 1,5 AU 09 15 000 6221	2028	52 HARTING ELEK N 6 0 0	
1	2138610	31,000 FB STK REGULATOR 4005	6022	21 I R T SA J 6 0 0	
1	2139527	32,000 FB STK BAR CLAMPING SK14 3025176	4101	55 PHOENIX CONT N 0 0 0	
1	2290726	33,000 EF STK CONNECTING CABLE/REGULATOR CAN-BUS	012995	92 N 0 0 0	
.2	2140491	1,000 FB STK SUB-D 9POL.BU/INSULATION TERMINAL	1358	54 HARTING ELEK N 0 0 0	
.2	2363671	2,000 FB STK SUB-D 9POL.BU/PLUG INSERT 09 66 118 7500	1357	54 HARTING ELEK N 0 0 0	

STAGE ID.NO.	ITM QTY	HA ME PE DISIGNATION	DRAWING	GROUP	VT-S ETK
	2530527	EF STK AXIS 1-6 RV6 RS5 CONTROL CABINET	012984	92	N N
.2	956292	3 70,000 FB MM FLAT CABLE 9POLES FBK-9	700109	56 HARTING ELEK	N 0 0 0
.2	1764431	4 4,000 FB STK S-SUB SCREW CLIP 43438-3	0267	54 SCHURICHT GM	N 0 0 0
1	2140954	36 1,000 FB STK FIXATION SET FOR BLZ SLABB6RORSET 156296	1439	54 WEIDMUELLER	N 0 0 0
1	2140947	37 1,000 FB STK JACK BAR 2POL. BLZ5.08/2BSNOR 152876	1430	54 WEIDMUELLER	N 0 0 0
1	2139022	38 1,000 EF STK MOTOR LINE / SS		90	N 1 0 0
.2	1675447	1 1.350,000 FB MM OELFLEX-110 CY 5X1,0	101205	56 WEYDEMAYER G	N 0 0 0
.2	356410	2 6,000 FB STK CRIMP CONTACT 0,75 AG 09 33 000 6205	0182	52 HARTING ELEK	N 0 0 0
.2	44917	3 5,000 FB STK MULTICORE CABLE END 4097.0	0306	58 WEIDMUELLER	N 0 0 0
.2	44933	4 1,000 FB STK MULTICORE CABLE END 4631.0	0307	58 WEIDMUELLER	N 0 0 0
1	2139014	39 1,000 EF STK RESOLVER LINE / SS		90	N 1 0 0
.2	1402388	1 1.850,000 FB MM SPIRAL CABLE SIG.ERK 0950 REV.5	470950	56 ELOCAB SONDE	N 0 0 0
.2	1476119	2 1,000 FB STK D-SUP 9POL.CRIMP PIN FL-09P7K120	0951	54 HARTING ELEK	N 6 0 0
.2	1476135	3 9,000 FB STK CRIMP CONTACT D-SUB PIN FL20PL	0962	54 F C T ELECTR	N 6 0 0
.2	1476192	4 1,000 FB STK FULL METAL HOOD 9P.45DEGR. FMK1	0911	54 F C T ELECTR	N 6 0 0
.2	1477091	6 11,000 FB STK CRIMP CONTACTS 0,14AU BU.09150006224	2022	52 HARTING ELEK	N 6 0 0
.2	1477117	7 1,000 FB STK CRIMP CONTACTS 1,5 AU 09 15 000 6221	2028	52 HARTING ELEK	N 6 0 0
1	2138602	41 1,000 FB STK REGULATOR 4003	6021	21 I R T SA	J 6 0 0
1	2139527	42 1,000 FB STK BAR CLAMPING SK14 3025176	4101	55 PHOENIX CONT	N 0 0 0
1	2290726	43 1,000 EF STK CONNECTING CABLE/REGULATOR CAN-BUS	012995	92	N 0 0 0
.2	2140491	1 1,000 FB STK SUB-D 9POL.BU/INSULATION TERMINAL	1358	54 HARTING ELEK	N 0 0 0
.2	2363671	2 1,000 FB STK SUB-D 9POL.BU/PLUG INSERT 09 66 118 7500	1357	54 HARTING ELEK	N 0 0 0
.2	956292	3 70,000 FB MM FLAT CABLE 9POLES FBK-9	700109	56 HARTING ELEK	N 0 0 0
.2	1764431	4 4,000 FB STK S-SUB SCREW CLIP 43438-3	0267	54 SCHURICHT GM	N 0 0 0
1	2140954	46 1,000 FB STK FIXATION SET FOR BLZ SLABB6RORSET 156296	1439	54 WEIDMUELLER	N 0 0 0
1	2140947	47 1,000 FB STK JACK BAR 2POL. BLZ5.08/2BSNOR 152876	1430	54 WEIDMUELLER	N 0 0 0
1	2139022	48 1,000 EF STK MOTOR LINE / SS		90	N 1 0 0
.2	1675447	1 1.350,000 FB MM OELFLEX-110 CY 5X1,0	101205	56 WEYDEMAYER G	N 0 0 0
.2	356410	2 6,000 FB STK CRIMP CONTACT 0,75 AG 09 33 000 6205	0182	52 HARTING ELEK	N 0 0 0
.2	44917	3 5,000 FB STK MULTICORE CABLE END 4097.0	0306	58 WEIDMUELLER	N 0 0 0
.2	44933	4 1,000 FB STK MULTICORE CABLE END 4631.0	0307	58 WEIDMUELLER	N 0 0 0
1	2139014	49 1,000 EF STK RESOLVER LINE / SS		90	N 1 0 0
.2	1402388	1 1.850,000 FB MM SPIRAL CABLE SIG.ERK 0950 REV.5	470950	56 ELOCAB SONDE	N 0 0 0
.2	1476119	2 1,000 FB STK D-SUP 9POL.CRIMP PIN FL-09P7K120	0951	54 HARTING ELEK	N 6 0 0
.2	1476135	3 9,000 FB STK CRIMP CONTACT D-SUB PIN FL20PL	0962	54 F C T ELECTR	N 6 0 0
.2	1476192	4 1,000 FB STK FULL METAL HOOD 9P.45DEGR. FMK1	0911	54 F C T ELECTR	N 6 0 0
.2	1477091	6 11,000 FB STK CRIMP CONTACTS 0,14AU BU.09150006224	2022	52 HARTING ELEK	N 6 0 0

STAGE	ID.NO.	ITM QTY	HA ME PE DISIGNATION	DRAWING	GROUP	VT-S ETK
	2530527		EF STK AXIS 1-6 RV6 RS5 CONTROL CABINET	012984	92	N N
.2	1477117	7	1,000 FB STK CRIMP CONTACTS 1,5 AU 09 15 000 6221	2028	52	HARTING ELEK N 6 0 0
1	2138602	51	1,000 FB STK REGULATOR 4003	6021	21	I R T SA J 6 0 0
1	2139527	52	1,000 FB STK BAR CLAMPING SK14 3025176	4101	55	PHOENIX CONT N 0 0 0
1	2290726	53	1,000 EF STK CONNECTING CABLE/REGULATOR CAN-BUS	012995	92	N 0 0 0
.2	2140491	1	1,000 FB STK SUB-D 9POL.BU/INSULATION TERMINAL	1358	54	HARTING ELEK N 0 0 0
.2	2363671	2	1,000 FB STK SUB-D 9POL.BU/PLUG INSERT 09 66 118 7500	1357	54	HARTING ELEK N 0 0 0
.2	956292	3	70,000 FB MM FLAT CABLE 9POLES FBK-9	700109	56	HARTING ELEK N 0 0 0
.2	1764431	4	4,000 FB STK S-SUB SCREW CLIP 43438-3	0267	54	SCHURICHT GM N 0 0 0
1	2140954	56	1,000 FB STK FIXATION SET FOR BLZ SLABB6RORSET 156296	1439	54	WEIDMUELLER N 0 0 0
1	2140947	57	1,000 FB STK JACK BAR 2POL. BLZ5.08/2BSNOR 152876	1430	54	WEIDMUELLER N 0 0 0
1	2139022	58	1,000 EF STK MOTOR LINE / SS	90		N 1 0 0
.2	1675447	1	1.350,000 FB MM OELFLEX-110 CY 5X1,0	101205	56	WEYDEMAYER G N 0 0 0
.2	356410	2	6,000 FB STK CRIMP CONTACT 0,75 AG 09 33 000 6205	0182	52	HARTING ELEK N 0 0 0
.2	44917	3	5,000 FB STK MULTICORE CABLE END 4097.0	0306	58	WEIDMUELLER N 0 0 0
.2	44933	4	1,000 FB STK MULTICORE CABLE END 4631.0	0307	58	WEIDMUELLER N 0 0 0
1	2139014	59	1,000 EF STK RESOLVER LINE / SS	90		N 1 0 0
.2	1402388	1	1.850,000 FB MM SPIRAL CABLE SIG.ERK 0950 REV.5	470950	56	ELOCAB SONDE N 0 0 0
.2	1476119	2	1,000 FB STK D-SUP 9POL.CRIMP PIN FL-09P7K120	0951	54	HARTING ELEK N 6 0 0
.2	1476135	3	9,000 FB STK CRIMP CONTACT D-SUB PIN FL20PL	0962	54	F C T ELECTR N 6 0 0
.2	1476192	4	1,000 FB STK FULL METAL HOOD 9P.45DEGR. FMK1	0911	54	F C T ELECTR N 6 0 0
.2	1477091	6	11,000 FB STK CRIMP CONTACTS 0,14AU BU.09150006224	2022	52	HARTING ELEK N 6 0 0
.2	1477117	7	1,000 FB STK CRIMP CONTACTS 1,5 AU 09 15 000 6221	2028	52	HARTING ELEK N 6 0 0
1	2138602	61	1,000 FB STK REGULATOR 4003	6021	21	I R T SA J 6 0 0
1	2139527	62	1,000 FB STK BAR CLAMPING SK14 3025176	4101	55	PHOENIX CONT N 0 0 0
1	2290726	63	1,000 EF STK CONNECTING CABLE/REGULATOR CAN-BUS	012995	92	N 0 0 0
.2	2140491	1	1,000 FB STK SUB-D 9POL.BU/INSULATION TERMINAL	1358	54	HARTING ELEK N 0 0 0
.2	2363671	2	1,000 FB STK SUB-D 9POL.BU/PLUG INSERT 09 66 118 7500	1357	54	HARTING ELEK N 0 0 0
.2	956292	3	70,000 FB MM FLAT CABLE 9POLES FBK-9	700109	56	HARTING ELEK N 0 0 0
.2	1764431	4	4,000 FB STK S-SUB SCREW CLIP 43438-3	0267	54	SCHURICHT GM N 0 0 0
1	2140954	66	1,000 FB STK FIXATION SET FOR BLZ SLABB6RORSET 156296	1439	54	WEIDMUELLER N 0 0 0
1	2140947	67	1,000 FB STK JACK BAR 2POL. BLZ5.08/2BSNOR 152876	1430	54	WEIDMUELLER N 0 0 0
1	2139022	68	1,000 EF STK MOTOR LINE / SS	90		N 1 0 0
.2	1675447	1	1.350,000 FB MM OELFLEX-110 CY 5X1,0	101205	56	WEYDEMAYER G N 0 0 0
.2	356410	2	6,000 FB STK CRIMP CONTACT 0,75 AG 09 33 000 6205	0182	52	HARTING ELEK N 0 0 0
.2	44917	3	5,000 FB STK MULTICORE CABLE END 4097.0	0306	58	WEIDMUELLER N 0 0 0
.2	44933	4	1,000 FB STK MULTICORE CABLE END 4631.0	0307	58	WEIDMUELLER N 0 0 0
1	2139014	69	1,000 EF STK RESOLVER LINE / SS	90		N 1 0 0
.2	1402388	1	1.850,000 FB MM SPIRAL CABLE SIG.ERK 0950 REV.5	470950	56	ELOCAB SONDE N 0 0 0

STAGE	ID.NO.	ITEM QTY	NAME / PE DISIGNATION	DRAWING	GROUP	VT-S ETK
	2530527		EF STK AXIS 1-6 RV6 RS5 CONTROL CABINET	012984	92	N N
.2	1476119	2	1,000 FB STK D-SUP 9POL.CRIMP PIN FL-09P7K120	0951	54	HARTING ELEK N 6 0 0
.2	1476135	3	9,000 FB STK CRIMP CONTACT D-SUB PIN FL20PL	0962	54	F C T ELECTR N 6 0 0
.2	1476192	4	1,000 FB STK FULL METAL HOOD 9P.45DEGR. FMK1	0911	54	F C T ELECTR N 6 0 0
.2	1477091	6	11,000 FB STK CRIMP CONTACTS 0,14AU BU.09150006224	2022	52	HARTING ELEK N 6 0 0
.2	1477117	7	1,000 FB STK CRIMP CONTACTS 1,5 AU 09 15 000 6221	2028	52	HARTING ELEK N 6 0 0
1	2138602	71	1,000 FB STK REGULATOR 4003	6021	21	I R T SA J 6 0 0
1	2139527	72	1,000 FB STK BAR CLAMPING SK14 3025176	4101	55	PHOENIX CONT N 0 0 0
1	2363218	73	1,000 EF STK CONNECTING CABLE CAN-BUS TWIS.P 10POL.		92	N 0 0 0
.2	2140491	1	1,000 FB STK SUB-D 9POL.BU/INSULATION TERMINAL	1358	54	HARTING ELEK N 6 0 0
.2	2363671	2	1,000 FB STK SUB-D 9POL.BU/PLUG INSERT 09 66 118 7500	1357	54	HARTING ELEK N 6 0 0
.2	2530865	3	1.000,000 FB MM FLAT CABLE PAAR.VERS.10POL. 09 18 010 7006 (1700-10)	700112	56	HARTING ELEK N 0 0 0
.2	1764431	4	4,000 FB STK S-SUB SCREW CLIP 43438-3	0267	54	SCHURICHT GM N 6 0 0
1	2140954	76	1,000 FB STK FIXATION SET FOR BLZ SLABB6RORSET 156296	1439	54	WEIDMUELLER N 0 0 0
1	2140947	77	1,000 FB STK JACK BAR 2POL. BLZ5.08/2BSNOR 152876	1430	54	WEIDMUELLER N 0 0 0
1	2139022	78	1,000 EF STK MOTOR LINE / SS		90	N 1 0 0
.2	1675447	1	1.350,000 FB MM OELFLEX-110 CY 5X1,0	101205	56	WEYDEMAYER G N 0 0 0
.2	356410	2	6,000 FB STK CRIMP CONTACT 0,75 AG 09 33 000 6205	0182	52	HARTING ELEK N 0 0 0
.2	44917	3	5,000 FB STK MULTICORE CABLE END 4097.0	0306	58	WEIDMUELLER N 0 0 0
.2	44933	4	1,000 FB STK MULTICORE CABLE END 4631.0	0307	58	WEIDMUELLER N 0 0 0
1	2139014	79	1,000 EF STK RESOLVER LINE / SS		90	N 1 0 0
.2	1402388	1	1.850,000 FB MM SPIRAL CABLE SIG.ERK 0950 REV.5	470950	56	ELOCAB SONDE N 0 0 0
.2	1476119	2	1,000 FB STK D-SUP 9POL.CRIMP PIN FL-09P7K120	0951	54	HARTING ELEK N 6 0 0
.2	1476135	3	9,000 FB STK CRIMP CONTACT D-SUB PIN FL20PL	0962	54	F C T ELECTR N 6 0 0
.2	1476192	4	1,000 FB STK FULL METAL HOOD 9P.45DEGR. FMK1	0911	54	F C T ELECTR N 6 0 0
.2	1477091	6	11,000 FB STK CRIMP CONTACTS 0,14AU BU.09150006224	2022	52	HARTING ELEK N 6 0 0
.2	1477117	7	1,000 FB STK CRIMP CONTACTS 1,5 AU 09 15 000 6221	2028	52	HARTING ELEK N 6 0 0
1	2140533	81	1,000 EF STK FINAL RESISTOR XR120 CAN-BUS		92	N 0 0 0
.2	2140491	1	1,000 FB STK SUB-D 9POL.BU/INSULATION TERMINAL	1358	54	HARTING ELEK N 1 0 0
.2	2140525	2	2,000 FB STK RESISTOR MS 1200HM/0,4W 331-946	3101	68	FARNELL ELEC N 1 0 0
.2	1764431	3	2,000 FB STK S-SUB SCREW CLIP 43438-3	0267	54	SCHURICHT GM N 1 0 0

STAGE ID.NO.	ITM QTY	HA ME PE DISIGNATION	DRAWING	GROUP	VT-S ETK
	2530519	EF STK AXIS 1-6 RV6/16/6L MACHINE RSS	012984	92	N N
1	338046	1,000 FB STK HOUSING BOTTOM 09 30 024 0301	0408	52 HARTING ELEK	N 0 0 Ö
1	2139238	2,000 FB STK PIN INSERT 09 32 046 3009	2521	52 HARTING ELEK	N 0 . 0 0
1	338046	1,000 FB STK HOUSING BOTTOM 09 30 024 0301	0408	52 HARTING ELEK	N 0 . 0 0
1	1170639	1,000 FB STK PIN INSERT 09161083001	2007	52 HARTING ELEK	N 0 Ö 0
1	1627380	4,000 FB STK GUIDE PIN 09 33 000 9908	3102	52 HARTING ELEK	N 0 . 0 0
1	1627398	4,000 FB STK GUIDE SLEEVE 09 33 000 9909	3103	52 HARTING ELEK	N 0 . 0 0
1	2363069	1,000 EF STK SERVO LINE AXIS 1 RV6/6L/16 MACHINE RSS		92	N 0 0 0 .
.2	2139568	1 2.500,000 FB MM SERVO LINE 1 2(3X0,35)+2X0,15+3X2X0,15	323014	56 ERNST + ENGB	N 0 0 0
.2	1391615	4 100,000 FB MM HEAT-SHRINKING-SLEEVE PLG 375-0-E	0907	57 BRAUN GMBH &	N 0 0 0
.2	2139584	5 1,000 FB STK PLUG FSTA134NN00080001000	1010	54 INTERCONTEC	N 0 0 0
.2	2139600	6 4,000 FB STK CONTACT JACK 2,0 760AB003211X	1011	54 INTERCONTEC	N 0 0 0
.2	2139972	7 1,000 FB STK IDENTIF. LABEL KSK 11X09 86421034	1015	54 MURRPLASTIK	N 0 0 0
.2	2139592	8 10,000 FB STK CONTACT JACK 1,0 760AB001211X	1012	54 INTERCONTEC	N 0 0 0
.2	1540401	10 7,000 FB STK CRIMP CONTACTS 0,5 AG 09 33 000 6121	0179	52 HARTING ELEK	N 0 0 0
.2	1477208	11 8,000 FB STK CRIMP CONTACTS 0,14AU ST.09150006124	2021	52 HARTING ELEK	N 0 0 0
.2	1477190	12 1,000 FB STK CRIMP CONTACTS 0,75AU ST.09150006122	2025	52 HARTING ELEK	N 0 0 0
.2	1477216	13 3,000 FB STK CRIMP CONTACTS 1,5 AU ST.09150006121	2027	52 HARTING ELEK	N 0 0 0
1	2363077	41 1,000 EF STK SERVO LINE AXIS 2 RV6/6L/16 MACHINE RSS		92	N 0 0 0
.2	2139568	1 2.850,000 FB MM SERVO LINE 1 2(3X0,35)+2X0,15+3X2X0,15	323014	56 ERNST + ENGB	N 0 0 0
.2	1391615	4 100,000 FB MM HEAT-SHRINKING-SLÉEVE PLG 375-0-E	0907	57 BRAUN GMBH &	N 0 0 0
.2	2139584	5 1,000 FB STK PLUG FSTA134NN00080001000	1010	54 INTERCONTEC	N 0 0 0
.2	2139600	6 4,000 FB STK CONTACT JACK 2,0 760AB003211X	1011	54 INTERCONTEC	N 0 0 0
.2	2139972	7 1,000 FB STK IDENTIF. LABEL KSK 11X09 86421034	1015	54 MURRPLASTIK	N 0 0 0
.2	2139592	8 10,000 FB STK CONTACT JACK 1,0 760AB001211X	1012	54 INTERCONTEC	N 0 0 0
.2	1540401	10 7,000 FB STK CRIMP CONTACTS 0,5 AG 09 33 000 6121	0179	52 HARTING ELEK	N 0 0 0
.2	1477208	11 8,000 FB STK CRIMP CONTACTS 0,14AU ST.09150006124	2021	52 HARTING ELEK	N 0 0 0
.2	1477190	12 1,000 FB STK CRIMP CONTACTS 0,75AU ST.09150006122	2025	52 HARTING ELEK	N 0 0 0
.2	1477216	13 3,000 FB STK CRIMP CONTACTS 1,5 AU ST.09150006121	2027	52 HARTING ELEK	N 0 0 0
1	2363085	51 1,000 EF STK SERVO LINE AXIS 3 RV6/6L/16 MACHINE RSS		92	N 0 0 0
.2	2139568	1 3.050,000 FB MM SERVO LINE 1 2(3X0,35)+2X0,15+3X2X0,15	323014	56 ERNST + ENGB	N 0 0 0
.2	1391615	4 100,000 FB MM HEAT-SHRINKING-SLEEVE PLG 375-0-E	0907	57 BRAUN GMBH &	N 0 0 0
.2	2139584	5 1,000 FB STK PLUG FSTA134NN00080001000	1010	54 INTERCONTEC	N 0 0 0
.2	2139600	6 4,000 FB STK CONTACT JACK 2,0 760AB003211X	1011	54 INTERCONTEC	N 0 0 0
.2	2139972	7 1,000 FB STK IDENTIF. LABEL KSK 11X09 86421034	1015	54 MURRPLASTIK	N 0 0 0
.2	2139592	8 10,000 FB STK CONTACT JACK 1,0 760AB001211X	1012	54 INTERCONTEC	N 0 0 0
.2	1540401	10 7,000 FB STK CRIMP CONTACTS 0,5 AG 09 33 000 6121	0179	52 HARTING ELEK	N 0 0 0
.2	1477208	11 8,000 FB STK CRIMP CONTACTS 0,14AU ST.09150006124	2021	52 HARTING ELEK	N 0 0 0
.2	1477190	12 1,000 FB STK CRIMP CONTACTS 0,75AU ST.09150006122	2025	52 HARTING ELEK	N 0 0 0
.2	1477216	13 3,000 FB STK CRIMP CONTACTS 1,5 AU ST.09150006121	2027	52 HARTING ELEK	N 0 0 0
1	2363093	61 1,000 EF STK SERVO LINE AXIS 4 RV6/6L/16 MACHINE RSS		92	N 0 0 0

STAGE	ID.NO.	ITM QTY	HA ME PE DISIGNATION	DRAWING	GROUP	VT-S ETK
	2530519		EF STK AXIS 1-6 RV6/16/6L MACHINE RS5	012984	92	N N
.2	2139568	1	3.650,000 FB MM SERVO LINE 1 2(3X0,35)+2X0,15+3X2X0,15	323014	56 ERNST + ENGB	N 0 0 0
.2	1391615	4	100,000 FB MM HEAT-SHRINKING-SLEEVE PLG 375-0-E	0907	57 BRAUN GMBH &	N 0 0 0
.2	2139584	5	1,000 FB STK PLUG FSTA134NN00080001000	1010	54 INTERCONTEC	N 0 0 0
.2	2139600	6	4,000 FB STK CONTACT JACK 2,0 760AB003211X	1011	54 INTERCONTEC	N 0 0 0
.2	2139972	7	1,000 FB STK IDENTIF. LABEL KSK 11X09 86421034	1015	54 MURRPLASTIK	N 0 0 0
.2	2139592	8	10,000 FB STK CONTACT JACK 1,0 760AB001211X	1012	54 INTERCONTEC	N 0 0 0
.2	1540401	10	7,000 FB STK CRIMP CONTACTS 0,5 AG 09 33 000 6121	0179	52 HARTING ELEK	N 0 0 0
.2	1477208	11	8,000 FB STK CRIMP CONTACTS 0,14AU ST.09150006124	2021	52 HARTING ELEK	N 0 0 0
.2	1477190	12	1,000 FB STK CRIMP CONTACTS 0,75AU ST.09150006122	2025	52 HARTING ELEK	N 0 0 0
.2	1477216	13	3,000 FB STK CRIMP CONTACTS 1,5 AU ST.09150006121	2027	52 HARTING ELEK	N 0 0 0
1	2363101	71	1,000 EF STK SERVO LINE AXIS 5 RV6/6L/16 MACHINE RS5		92	N 0 0 0
.2	2139568	1	5.600,000 FB MM SERVO LINE 1 2(3X0,35)+2X0,15+3X2X0,15	323014	56 ERNST + ENGB	N 0 0 0
.2	1391615	4	100,000 FB MM HEAT-SHRINKING-SLEEVE PLG 375-0-E	0907	57 BRAUN GMBH &	N 0 0 0
.2	2139584	5	1,000 FB STK PLUG FSTA134NN00080001000	1010	54 INTERCONTEC	N 0 0 0
.2	2139600	6	4,000 FB STK CONTACT JACK 2,0 760AB003211X	1011	54 INTERCONTEC	N 0 0 0
.2	2139972	7	1,000 FB STK IDENTIF. LABEL KSK 11X09 86421034	1015	54 MURRPLASTIK	N 0 0 0
.2	2139592	8	10,000 FB STK CONTACT JACK 1,0 760AB001211X	1012	54 INTERCONTEC	N 0 0 0
.2	1540401	10	7,000 FB STK CRIMP CONTACTS 0,5 AG 09 33 000 6121	0179	52 HARTING ELEK	N 0 0 0
.2	1477208	11	8,000 FB STK CRIMP CONTACTS 0,14AU ST.09150006124	2021	52 HARTING ELEK	N 0 0 0
.2	1477190	12	1,000 FB STK CRIMP CONTACTS 0,75AU ST.09150006122	2025	52 HARTING ELEK	N 0 0 0
.2	1477216	13	3,000 FB STK CRIMP CONTACTS 1,5 AU ST.09150006121	2027	52 HARTING ELEK	N 0 0 0
1	2363119	81	1,000 EF STK SERVO LINE AXIS 6 RV6/6L/16 MACHINE RS5		92	N 0 0 0
.2	2139568	1	5.750,000 FB MM SERVO LINE 1 2(3X0,35)+2X0,15+3X2X0,15	323014	56 ERNST + ENGB	N 0 0 0
.2	1391615	4	100,000 FB MM HEAT-SHRINKING-SLEEVE PLG 375-0-E	0907	57 BRAUN GMBH &	N 0 0 0
.2	2139584	5	1,000 FB STK PLUG FSTA134NN00080001000	1010	54 INTERCONTEC	N 0 0 0
.2	2139600	6	4,000 FB STK CONTACT JACK 2,0 760AB003211X	1011	54 INTERCONTEC	N 0 0 0
.2	2139972	7	1,000 FB STK IDENTIF. LABEL KSK 11X09 86421034	1015	54 MURRPLASTIK	N 0 0 0
.2	2139592	8	10,000 FB STK CONTACT JACK 1,0 760AB001211X	1012	54 INTERCONTEC	N 0 0 0
.2	1540401	10	7,000 FB STK CRIMP CONTACTS 0,5 AG 09 33 000 6121	0179	52 HARTING ELEK	N 0 0 0
.2	1477208	11	8,000 FB STK CRIMP CONTACTS 0,14AU ST.09150006124	2021	52 HARTING ELEK	N 0 0 0
.2	1477190	12	1,000 FB STK CRIMP CONTACTS 0,75AU ST.09150006122	2025	52 HARTING ELEK	N 0 0 0
.2	1477216	13	3,000 FB STK CRIMP CONTACTS 1,5 AU ST.09150006121	2027	52 HARTING ELEK	N 0 0 0

VT = Verschleissteil J/N

E = Ersatzteil 1=Ersatzteil 6=Ersatzteilepaket

T = Teilestammstatus 3=Konst-Stand 2=Freig-Konst 1=Frei-Einpl 0=eingeplant

S = Stuecklistenstat 3=Konst-Stand 2=Freig-Konst 1=Frei-Einpl 0=eingeplant

End of List

STAGE ID.NO.	ITEM QTY	H A M E P E D I S I G N A T I O N	DRAWING	GROUP	V T - S E T K
	2530501	EF STK SUPPLY LINE 6 AXES RS5	012984	92	N N
1	2530436	1,000 EF STK SUPPLY LINE RESOLVER 1-6 RS5	012984	92	N 0 0 0
.2	1170688	2,000 FB STK SOCKET HOUSING 09 30 024 0521	0403	52	HARTING ELEK N 0 0 0
.2	1170639	1,000 FB STK PIN INSERT 09161083001	2007	52	HARTING ELEK N 0 0 0
.2	1170647	1,000 FB STK JACK INSERT 09161083101	2008	52	HARTING ELEK N 0 0 0
.2	1171637	510.000,000 FB MM LIYCY-CV 24X2X0,25/28	506424	56	WEYDEMAYER G N 0 0 0
.2	1477208	66,000 FB STK CRIMP CONTACTS 0,14AU ST.09150006124	2021	52	HARTING ELEK N 0 0 0
.2	1477091	66,000 FB STK CRIMP CONTACTS 0,14AU BU.09150006224	2022	52	HARTING ELEK N 0 0 0
.2	1477190	6,000 FB STK CRIMP CONTACTS 0,75AU ST.09150006122	2025	52	HARTING ELEK N 0 0 0
.2	1477109	6,000 FB STK CRIMP CONTACTS 0,75AU BU.09150006222	2026	52	HARTING ELEK N 0 0 0
.2	1391581	10 1.000,000 FB MM HEAT-SHRINKABLE SLEEVE PLG 125-0-E	0904	57	BRAUN GMBH & N 0 0 0
.2	23812	11 2,000 FB STK BOLTINGS ZEV PG 29 NO. 2027	0028 ER.1475608	59	WEYDEMAYER G N 0 0 0
.2	1538942	12 2,000 FB STK PLUG-IN BOARD ESK/LP-BW 1003459		75	PHOENIX CONT N 0 0 0
.2	939272	13 2,000 FB STK CABLE MARKER KMK2 NO.1005266		75	PHOENIX CONT N 0 0 0
.2	28357	14 2,000 FB STK CABLE TIE TY-25M 186 LG	0509	58	WEYDEMAYER G N 0 0 0
.2	1627380	15 4,000 FB STK GUIDE PIN 09 33 000 9908	3102	52	HARTING ELEK N 0 0 0
.2	1627398	16 4,000 FB STK GUIDE SLEEVE 09 33 000 9909	3103	52	HARTING ELEK N 0 0 0
.2	1475640	17 2,000 FB STK UNI INSERT SEALING PG29 NE155/20BN	00878	59	PFLITSCH & C N 0 0 0
1	2530493	2 1,000 EF STK SUPPLY LINE MOTOR 1-6 RS5	012984	92	N 0 0 0
.2	1170688	1 2,000 FB STK SOCKET HOUSING 09 30 024 0521	0403	52	HARTING ELEK N 0 0 0
.2	2139220	2 1,000 FB STK JACK INSERT 09 32 046 3109	2522	52	HARTING ELEK N 0 0 0
.2	2139238	3 1,000 FB STK PIN INSERT 09 32 046 3009	2521	52	HARTING ELEK N 0 0 0
.2	1540484	4 42,000 FB STK CRIMP CONTACT 0,75 AG 09 33 000 6105	0181	52	HARTING ELEK N 0 0 0
.2	356410	5 42,000 FB STK CRIMP CONTACT 0,75 AG 09 33 000 6205	0182	52	HARTING ELEK N 0 0 0
.2	1476903	810.000,000 FB MM OELFLEX-110 CY(41X1,0) 0035541	101241	56	WEYDEMAYER G N 0 0 0
.2	1537860	9 1.000,000 FB MM HEAT-SHRINKABLE SLEEVE GN/GE 900-048	0927	57	PB ELEKTRO N 0 0 0
.2	1391581	10 1.000,000 FB MM HEAT-SHRINKABLE SLEEVE PLG 125-0-E	0904	57	BRAUN GMBH & N 0 0 0
.2	23812	11 2,000 FB STK BOLTINGS ZEV PG 29 NO. 2027	0028 ER.1475608	59	WEYDEMAYER G N 0 0 0
.2	28340	12 2,000 FB STK CABLE TIE TY-24 M 140 LG	0505	58	WEYDEMAYER G N 0 0 0
.2	27870	13 2,000 FB STK CABLE SHOES BA 14 M 53	0014	58	HIRSCH HERBE N 0 0 0
.2	1627380	14 4,000 FB STK GUIDE PIN 09 33 000 9908	3102	52	HARTING ELEK N 0 0 0
.2	1627398	15 4,000 FB STK GUIDE SLEEVE 09 33 000 9909	3103	52	HARTING ELEK N 0 0 0
.2	1538942	16 2,000 FB STK PLUG-IN BOARD ESK/LP-BW 1003459		75	PHOENIX CONT N 0 0 0
.2	939272	17 2,000 FB STK CABLE MARKER KMK2 NO.1005266		75	PHOENIX CONT N 0 0 0

STAGE ID.NO.	ITEM QTY	NAME PE DISIGNATION	DRAWING	GROUP	VT-S ETK
	2138966	EF STK CONTROL CABINET WIRING MAT.RSV	012729	92	N N
1	893	150.000.000 FB MM NYAF 4 BLACK	0141	56 WEYDEMAYER G N 0 0 0	
1	976	520.000.000 FB MM NYAF 1,5 BLACK	0121	56 MAINLAND GMB N 0 0 0	
1	943	610.000.000 FB MM NYAF 2,5 BLUE	0132	56 MAINLAND GMB N 0 0 0	
1	901	7 5.000.000 FB MM NYAF 2,5 YELLOW-GREEN	0130	56 MAINLAND GMB N 0 0 0	
1	976	10 100.000 FB M NYAF 1,5 BLACK	0121	56 MAINLAND GMB N 0 0 0	
1	992	11 100.000 FB M NYAF 1,5 BLUE	0122	56 MAINLAND GMB N 0 0 0	
1	1032	16 200.000 FB M NYAF 1 BLUE	0112	56 MAINLAND GMB N 0 0 0	
1	1032	17 100.000 FB M NYAF 1 BLUE	0112	56 MAINLAND GMB N 0 0 0	
1	107029	1950.000.000 FB MM NYAF 1 ORANGE	0117	56 WEYDEMAYER G N 0 0 0	
1	104927	30 20.000 FB STK MULTICORE CABLE END H 4,0 /16	0313	58 WEIDMUELLER N 0 0 0,	
1	99309	31 20.000 FB STK MULTICORE CABLE END 4632.0 H2,5/15	0310	58 WEIDMUELLER N 0 0 0	
1	44933	32 100.000 FB STK MULTICORE CABLE END 4631.0	0307	58 WEIDMUELLER N 0 0 0	
1	44917	33 300.000 FB STK MULTICORE CABLE END 4097.0	0306	58 WEIDMUELLER N 0 0 0	
1	44925	34 20.000 FB STK MULTICORE CABLE END 4096.0	0304	58 WEIDMUELLER N 0 0 0	
1	1180	40 2.500.000 FB MM NSHOEU 4X4	100504	56 MAINLAND GMB N 0 0 0	
1	204081	41 3.000.000 FB MM OELFLEX-110 4X2,5	100404	56 PIRELLI N 0 0 0	
1	695	42 4.000.000 FB MM OELFLEX NUMBERED CABLE 3X1,5 ON REEL	100303	56 PIRELLI N 0 0 0	
1	745	4314.000.000 FB MM OELFLEX NUMBERED CABLE 3X0,75	100103	56 SAB SIGNAL- N 0 0 0	
1	99382	45 4.000.000 FB MM OELFLEX NUMBERED CABL.12X0,75ON REEL	100112	56 PIRELLI N 0 0 0	
1	766170	46 1.000.000 FB MM COLOURED OILFLEX CABLE-CY (4X2,5)C	101404	56 PIRELLI N 0 0 0	
1	1764951	60 1.000 EF STK VENTILATOR CONNECTION BAR		92	N 0 0 0
.2	745	2 2.620.000 FB MM OELFLEX NUMBERED CABLE 3X0,75	100103	56 SAB SIGNAL- N 0 0 0	
.2	44925	3 6.000 FB STK MULTICORE CABLE END 4096.0	0304	58 WEIDMUELLER N 0 0 0	
1	27870	65 1.000 FB STK CABLE SHOES BA 14 M 53	0014	58 HIRSCH HERBE N 0 0 0	
1	28282	66 5.000 FB STK CABLE TIE TYP-23 M 92 LG	0501	58 WEYDEMAYER G N 0 0 0	
1	2139105 100	5.000 FB STK LINE UP TERMINAL ZDU 2,5/AN	1103	55 WEIDMUELLER N 0 0 0	
1	2139113 101	5.000 FB STK LINE UP TERMINAL ZDU 2,5/4AN BL	1113	55 WEIDMUELLER N 0 0 0	
1	2139089 102	2.000 FB STK LINE-UP TERMINAL ZPE 2,5/AN	1123	55 WEIDMUELLER N 0 0 0	
1	2139170 103	2.000 FB STK BRIDGE ZQV 2,5/10 160894	1175	55 WEIDMUELLER N 0 0 0	
1	2139162 104	3.000 FB STK PARTITION WALL ZAP/TW3 160880	1163	55 WEIDMUELLER N 0 0 0	
1	2139048 110	4.000 FB STK LINE-UP TERMINAL ZDU 2,5	1101	55 WEIDMUELLER N 0 0 0	
1	2139063 111	4.000 FB STK LINE-UP TERMINAL ZDU 2,5 BL	1111	55 WEIDMUELLER N 0 0 0	
1	2139360 112	6.000 FB STK GROUNDING TERMINALS ZPE 2,5	1121	55 WEIDMUELLER N 0 0 0	
1	2139147 113	1.000 FB STK PARTITION WALL ZAP/TW1	1161	55 WEIDMUELLER N 0 0 0	
1	2139170 114	2.000 FB STK BRIDGE ZQV 2,5/10 160894	1175	55 WEIDMUELLER N 0 0 0	
1	2139055 120	4.000 FB STK LINE-UP TERMINAL ZDU 4 163207	1102	55 WEIDMUELLER N 0 0 0	
1	2139071 121	2.000 FB STK LINE-UP TERMINAL ZDU 4 BL 163206	1117	55 WEIDMUELLER N 0 0 0	
1	2139097 122	2.000 FB STK LINE-UP TERMINAL ZPE 4 163208	1127	55 WEIDMUELLER N 0 0 0	
1	2139154 123	2.000 FB STK PARTITION WALL ZAP/TW4 163209	1164	55 WEIDMUELLER N 0 0 0	
1	2139188 124	2.000 FB STK BRIDGE ZQV 4/2 160895	1181	55 WEIDMUELLER N 0 0 0	
1	2438002 125	5.000 FB STK FIXATION ANGLE ZEW 954000	0295	55 WEIDMUELLER N 0 0 0	
1	1474346 126	2.000 FB STK GROUP DESIGNATION WG85 105076	0896	55 WEIDMUELLER N 0 0 0	
1	101097 127	1.000 FB STK SUPPORT F.TERM.DESIGN.: SCHT 7	0891	55 WEIDMUELLER N 0 0 0	
1	101105 128	1.000 FB STK PROTECTIVE STRIP TRANSP.STR 7 5153.0	0892	55 WEIDMUELLER N 0 0 0	
1	1854208 129	33.000 FB STK TERMINAL PLATE KMR5/10-5 NO.55443		74 MURRELEKTRON N 0 0 0	
1	2427054 130	2.000 FB STK DEK 5 SPEC. PRINT 049076 ACC.TO UNIT AU 1-6-518762		55 WEIDMUELLER N 0 0 0	
1	1538280 131	2.000 FB STK DESIGNATION STRIP DEKAFIX 5GW052276A	09191	55 WEIDMUELLER N 0 0 0	

STAGE	ID.NO.	ITM QTY	HA ME PE DISIGNATION	DRAWING	GROUP	VT-S ETK
	2138966		EF STK CONTROL CABINET WIRING MAT.RSV	012729	92	N N
1	1538298	132	2,000 FB STK DESIGNATION STRIP DEKAFIX 5GW052276B	09192	55 WEIDMUELLER	N O O O
1	1538306	133	2,000 FB STK DESIGNATION STRIP DEKAFIX 5GW052276C	09193	55 WEIDMUELLER	N O O O
1	1538314	134	2,000 FB STK DESIGNATION STRIP DEKAFIX 5GW052276D	09194	55 WEIDMUELLER	N O O O

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----- End of List -----

STAGE ID.NO.	ITEM QTY	NAME PE DISIGNATION	DRAWING	GROUP	VT-S ETK
	2530857	EF STK SAFETY-CONTR. WITH ACC.	013020	92	N N
1	2128884	1 1,000 FB STK RS V - SAFETY-CONTROLLER		92	ELAN SCHALTE N 0 0 0
1	2363606	2 1,000 FB STK PLUG CONNECTION FK-MSTBP1,5/3-ST-5,08	1681	54	PHOENIX CONT N 0 0 0
1	2363614	3 2,000 FB STK PLUG CONNECTION FK-MSTBP1,5/6-ST-5,08	1684	54	PHOENIX CONT N 0 0 0
1	2363622	4 1,000 FB STK PLUG CONNECTION FK-MSTBP1,5/10-ST-5,08	1688	54	PHOENIX CONT N 0 0 0
1	2363630	5 2,000 FB STK PLUG CONNECTION FK-MSTBP1,5/20-ST-5,08	1697	54	PHOENIX CONT N 0 0 0
1	2365395	6 8,000 FB STK CONVERTER FBC AVTHD64STC/XL 163023	0120	54	WEIDMUELLER N 0 0 0
1	956110	7 2,000 FB STK DEPTH STAY 540 MM FOR PS CABINET	0781	4	RITTAL-WERK N 0 0 0
1	2363366	10 1.200,000 FB MM CAN BUS LINE 104207 3X2X0,22 PVC	501623	56	LUETZE FRIED N 0 0 0
1	1476119	11 1,000 FB STK D-SUP 9POL.CRIMP PIN FL-09P7K120	0951	54	HARTING ELEK N 0 0 0
1	1476135	12 3,000 FB STK CRIMP CONTACT D-SUB PIN FL20PL	0962	54	F C T ELECTR N 0 0 0
1	2363366	13 1.200,000 FB MM CAN BUS LINE 104207 3X2X0,22 PVC	501623	56	LUETZE FRIED N 0 0 0
1	1476192	14 2,000 FB STK FULL METAL HOOD 9P.45DEGR. FMK1	0911	54	F C T ELECTR N 0 0 0
1	956334	15 4,000 FB STK LOCKING 4-40UNC 250-8501-004	0253	54	SPOERLE ELEC N 0 0 0
1	1476127	16 1,000 FB STK D-SUBMINIATURE PLUG-IN CONNECTION 9P. BU	0941	54	F C T ELECTR N 0 0 0
1	1476143	17 3,000 FB STK D-SUB CRIMP CONTACTS BU FK20SL	0961	54	F C T ELECTR N 0 0 0
1	2363325	20 1,000 EF STK CONNECTING CABLE SAFETY-CONTR.- PORT.TEACH.PEND. JACK 26POL.		92	N 0 0 0
.2	1539833	1 1,000 FB STK D-SUB 25POL.TERMINAL PIN F 25PK120	0938	54	F C T ELECTR N 0 0 0
.2	1476317	2 1,000 FB STK D-SUB 25POL.JACK IDC F25S15K49	0985	54	F C T ELECTR N 0 0 0
.2	1476333	3 1.400,000 FB MM FLAT CABLE 26 POL. 3365-26	700126	56	SPOERLE ELEC N 0 0 0
.2	1764431	4 2,000 FB STK S-SUB SCREW CLIP 43438-3	0267	54	SCHURICHT GM N 0 0 0
.2	1476556	5 2,000 FB STK LOCKING PART SUB-D 170-20418-2-X	1336	54	HARTING ELEK N 0 0 0

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S = Stuecklistenstat 3=Konst-Stand 2=Freig-Konst 1=Frei-Einpl 0=eingeplant

----- End of List -----

STAGE ID.NO.	ITM QTY	HA ME PE DISIGNATION	DRAWING	GROUP	VT-S ETK
	2364778	EF STK RACK 2SLOT/POWER PACK/ACC. RS5		92	N N
1	2141077	1 1,000 FB STK VME-RACK 2SLOT 6HE/16TE 9999111	05006	36 RITTAL-WERK	N 6 0 0
1	745	3 3.000,000 FB MM OELFLEX NUMBERED CABLE 3X0,75	100103	56 SAB SIGNAL-	N 1 0 0
1	44925	4 7,000 FB STK MULTICORE CABLE END 4096.0	0304	58 WEIDMUELLER	N 1.0 0
1	2363879	6 1,000 FB STK CPU-600/32/CX STAND.	05000	36 FORCE COMPUT	N 1 0 0
1	2365486	7 1,000 EF STK M MODULE CARRIER + M MODULE		90	N 1 0 0
.2	2139923	1 1,000 FB STK M-MODULE MCAN	06005	36 MEGATEC ELEC	N 0 0 0
.2	2364760	2 1,000 FB STK M MODUL SUPPORT WZ-C000	06006	36 WEZA GMBH	N 0 0 0
1	2363317	9 1,000 EF STK CONNECTING CABLE SAFETY-CONTR. M-MODUL TWIS.P. 10POL.		92	N 0 0 0
.2	2363671	2 2,000 FB STK SUB-D 9POL.BU/PLUG INSERT 09 66 118 7500	1357	54 HARTING ELEK	N 6 0 0
.2	2530865	3 1.500,000 FB MM FLAT CABLE PAAR.VERS.10POL. 09 18 010 7006 (1700-10)	700112	56 HARTING ELEK	N 0 0 0
.2	1764431	4 4,000 FB STK S-SUB SCREW CLIP 43438-3	0267	54 SCHURICHT GM	N 6 0 0
1	2139139	20 1,000 FB STK SAFETY CLAMPING ZSI 2,5	1141	55 WEIDMUELLER	N 0 0 0
1	2139162	21 1,000 FB STK PARTITION WALL ZAP/TW3 160880	1163	55 WEIDMUELLER	N 0 0 0
1	2139766	22 1,000 FB STK PARTITION WALL ZAP TNHE/ZS/2,5	1165	55 WEIDMUELLER	N 0 0 0
1	43968	23 1,000 FB STK FINE WIRE FUSE 2A TR.5X20FST034-3120	0151	7 I-CENTER	N 0 0 0
1	2140129	24 1,000 FB STK POWER CURRENT SUPPLY + AKKU L1006	541	16 CONVERTEC LT	N 0 0 0
1	2364596	30 1,000 FB STK PRESSURE SWITCH 10MM	0700	58 FLEISCHHAUER	N 0 0 0
1	2364638	31 1,000 FB STK ESD-ATTENTION PLATE	400	75 FLEISCHHAUER	N 0 0 0

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S = Stuecklistenstat 3=Konst-Stand 2=Freig-Konst 1=Frei-Einpl 0=eingeplant

-- End of List --

STAGE	ID.NO.	ITM QTY	HA ME PE DISIGNATION	DRAWING	GROUP	VT-S ETK
	2364109		EF STK AKKU 12V/3,5AH + ACC.		92	N N
1	1727008	1	1,000 FB STK DRYFIT-AKKU 12V/3,5H 254096-55	521	16 CONRAD ELECT	N 0 0 0
1	1735902	5	2,000 FB STK FIX.SHEET-METAL BUFFER SGB-48	109.0210.4.00	466 REIKU GMBH	N 0 0 0
1	1953695	6	4,000 FB STK SHEET-METAL SCREW SZ 2486.000	1043	4 RITTAL-WERK	N 0 0 0
1	1721696	7	6,000 FB STK THREAD-FORMING SCREW DIN7500C/VZ M4X	20 M4X15	661 BERRANG KARL	N 0 0 0
1	2406801	10	1,000 EF STK SHEET-METAL F. BUFFER 3X135X350	109.0257.3.00-2	409	N 0 0 0
.2	17509	1	480,000 FB CM2 ALU PLATE ALMG3 HH 3X1000X2000	003	830 THYSSEN SCHU	N 0 0 0
1	1728329	11	2,000 FB STK FLAT PLUG-IN SLEVVE 820/3V 4,8X0,8	0250	58 HIRSCH HERBE	N 0 0 0
1	1728394	12	2,000 FB STK FLAT PLUG-IN SLEEVE 830/3V 4,8X0,8	0251	58 HIRSCH HERBE	N 0 0 0

VT = Verschleissteil J/N

E = Ersatzteil 1=Ersatzteil 6=Ersatzteilepaket

T = Teilestammstatus 3=Konst-Stand 2=Freig-Konst 1=Frei-Einpl 0=eingeplant

S = Stuecklistenstat 3=Konst-Stand 2=Freig-Konst 1=Frei-Einpl 0=eingeplant

--- End of List ---

STAGE ID.NO.	ITEM QTY	NAME PE DISIGNATION	DRAWING	GROUP	VT-S ETK
	2140442	EF STK DISK-LW / FRONT PLATE / E-BOX /	012945	92	N N
1	2139949	1 1,000 FB STK DISK DRIVE - ADAPTER RSV	06100	36 MEGATEC ELEC	N 0 0 0
1	2139980	5 1,000 FB STK PLUG SPGVERS. DISK DRIVE	5000	54 REICHELT ELE	N 0 0 0
1	1381566	6 1,000,000 FB MM LIYY 30X0,34 NO.0028403	500503	56	N 0 .0 0
1	2130047	10 1,000 FB STK DISK DRIVE 3.5" 1.44 MB	MF 355F-3250 MG	39 LION ELECTRO	N 6 0 0
1	2139931	12 1,000 FB STK INTERFACE MOUNTING BOX	0980	4 RITTAL-WERK	N 0 0 0
1	2175760	13 1,000 FB STK FRONT PLATE/-FOIL RSV	109.0241.1.00	-C 34 KUENKLER EGO	N 0 0 0
1	2363309	15 1,000 EF STK CONNECTING CABLE RACK-DLW TWIS.P		92	N 0 0 0
.2	2141044	1 1,000,000 FB MM FLAT CABLE VERS.34POL. 09 18 034 7006	700130	56 HARTING ELEK	N 0 0 0
.2	1476507	2 2,000 FB STK POST CONNECTION 34POL.	9115	54 HARTING ELEK	N 0 0 0
		G80D34P3BK			

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--- End of List ---

STAGE	ID.NO.	ITM QTY	HA ME PE DISIGNATION	DRAWING	GROUP	VT-S ETK
	2363713		EF STK CC-MECH./1200/RSS		92	N N
1	2364497	1	1,000 FB STK CONTROL CABINET 1200		92 RITTAL-WERK	N 0 0 0
.2	2362970	1	1,000 FB STK CONTROL CABINET 7761.235 SPEC.	3262	4 RITTAL-WERK	N 0 2 2
.2	1926477	2	1,000 FB STK SIDE WALL DK 7617	3050	4 RITTAL-WERK	N 0 0 2
.2	1742684	3	1,000 FB STK CC 1200 SIDE WALL DK7617 W. FAN	109.0213.3.00	-C 77 RITTAL-WERK	N 0 0 2
.2	1742692	4	1,000 FB STK CC 1200 DOOR WITH FAN	109.0212.3.00	-C 77 RITTAL-WERK	N 0 0 2
.2	2409805	6	1,000 FB STK CONTROL CABINET 1200 MOUNTING PLATE	109.0252.0.00-2	77 RITTAL-WERK	N 0 2 2
1	836189	7	4.000,000 FB MM CABLEDUCT LKG 75050	5021	57 BRAUN GMBH &	N 0 0 0
1	41574	8	1.200,000 FB MM FUSE BAR 35 MM DIN 46277	0000	55 WEIDMUELLER	N 0 0 0
1	1471565	20	1,000 FB STK SYSTEM-CHASSIS PS 4371.000	0565	4 RITTAL-WERK	N 0 0 0
1	791558	21	1,000 FB STK BEARING RAIL PS 4396 VP 2 ST.	0617	4 RITTAL-WERK	N 0 0 0
1	775478	22	3,000 FB STK TRAVERSE OF DOOR 800 MM WIDE PS 4598	0736	4 RITTAL-WERK	N 0 0 0
1	31039	25	2.000,000 FB MM CABLEDUCT LKG 50030	5011	57 MAINLAND GMB	N 0 0 0
1	1285437	26	5,000 FB STK GROUNDING STRIP 4X170 SZ 2564.000	1135	4 RITTAL-WERK	N 0 0 0
1	1476077	27	1,000 FB STK GROUNDING STRIP SZ 2567 4X300	1138	4 RITTAL-WERK	N 0 0 0
1	1476093	28	1,000 FB STK GROUNDING STRIP SZ2565 16X170	1136	4 RITTAL-WERK	N 0 0 0
1	1476051	29	2,000 FB STK GROUNDING STRIP SZ2569 25X300	1140	4 RITTAL-WERK	N 0 0 0
1	23770	35	1,000 FB STK BOLTINGS ZEV PG 11 NO.710	0008	59 WEYDEMAYER G	N 0 0 0
1	23796	36	1,000 FB STK BOLTINGS ZEV PG 16 NO.1015	0019	59 WEYDEMAYER G	N 0 0 0
1	24042	37	1,000 FB STK CHECK NUT PG 16, BRASS	0105	59 PFLITSCH & C	N 0 0 0
1	24026	38	1,000 FB STK CHECK NUT GMS-PG 11	0103	59 PFLITSCH & C	N 0 0 0
1	1538918	39	4,000 FB STK FLAT CABLE SUPPORT FCM3-1-L14/274768		58 SPOERLE ELEC	N 0 0 0
1	1339259	42	4,000 FB STK COVER PLATE(24.PO.DUMMY PLATE)SZ2477	1037	4 RITTAL-WERK	N 0 0 0
1	2139394	50	6,000 FB STK CABLE GUIDE CLAMP DK 7112.000	1170	4 RITTAL-WERK	N 0 0 0
1	2245746	60	1,000 FB STK HEWI HOOK NO.520.50.1	050	750 SCHWING HERM	N 0 0 0
1	1391854	61	1,000 FB STK CABLE SUPPORT TYPE 92 NO.9203	5694	98 REGEL-TECHNI	N 0 0 0
1	2278242	70	1,000 EF STK INSERTION SHEET-METAL 506X630X1	109.0244.3.00-1	-C 409	N 0 0 0
.2	1717660	1	3.190,000 FB CM2 FINE SHEET METAL 1X1500X3000 ST. 12.03	001	829 MARBURG LOUI	N 0 0 0
1	31047	75	1.500,000 FB MM CABLEDUCT LKG 50050	5012	57 MAINLAND GMB	N 0 0 0
1	1284901	90	1,000 FB STK FILTER FAN 220 CBM SK 3152	3152	3 RITTAL-WERK	N 0 0 0
1	1391839	91	1,000 FB STK EXHAUST FILTER SK 3162	3162	3 RITTAL-WERK	N 0 0 0
1	1391847	92	2,000 FB STK FILTER FAN SEALING FRAME SK 3192	3192	3 RITTAL-WERK	N 0 0 0

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STAGE ID.NO.	ITM QTY	NAME PE DISIGNATION	DRAWING	GROUP	VT-S ETK
2140376		EF STK PORT.TEACH PEND. CABLE RSV 7,5 M		92	N N
1	320820	1 1,000 FB STK FLANGE TYPE SOCKET 25P,DBM 25P./PINS	0205	54 SPOERLE ELEC N 0 0 0	
1	1476200	2 1,000 FB STK FULL METAL HOOD 45DEGR.25POL.FMK3	0913	54 F C T ELECTR N 0 0 0	
1	1624577	3 2,000 FB STK KNURELED SCREW FRS1Y5	0988	54 F C T ELECTR N 0 0 0	
1	2140335	5 7.500,000 FB MM PORT.TEACH PEND. LI12YD11 Y 5X(2X0,08)+2X0,35	501620	56 ERNST + ENGB N 0 0 0	
1	1391607	6 90,000 FB MM HEAT-SHRINKABLE-SLEEVE PLG 250-0-E	0906	57 BRAUN GMBH & N 0 0 0	
1	2362897	7 1,000 FB STK TIGHT REDUCING KUS 9/7 5202 5040	0290	59 BRAUN GMBH & N 0 0 0	
1	2140822	8 1,000 FB STK SKINTOP BOLTING BS7 5301 5800	0217	59 BRAUN GMBH & N 0 0 0	
1	1767012	9 1,000 FB STK FLANGE ANGLE PG9 FW9	1001	59 PFLITSCH & C N 0 0 0	
1	2140749	12 1,000 FB STK PLUG CRIMP HOUSING 16POL. 90160-0116	1201	54 SEI JERMYN G N 0 0 0	
1	2140756	13 2,000 FB STK CRIMP CONTACT AWG22-24 AU 90119-2110	1202	54 SEI JERMYN G N 0 0 0	
1	2362954	14 10,000 FB STK CRIMP CONTACTS AWG26-38 AU90119-2121	1203	54 SEI JERMYN G N 0 0 0	
1	1952739	15 1,000 FB STK FLAT PLUG-IN SLEEVE 0,75-1,50 RED		58 HIRSCH HERBE N 0 0 0	
1	1391565	16 50,000 FB MM HEAT-SHRINKABLE-SLEEVE PLG 63-0-E	0902	57 AUTEC VERTRI N 0 0 0	

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----- End of List -----

STAGE ID.NO.	ITEM QTY	H A M E P E D I S I G N A T I O N	DRAWING	GROUP	V T - S E T K
	2363523	EF STK ADDITIONAL AXIS RSS RDK05		92	N N
1	2531335	1,000 EF STK AC AXE / IRT 4005	013019	92	N 0 0 0
.2	2138610	1,000 FB STK REGULATOR 4005	6022	21 I R T S A	J 6 0 0
.2	2139527	1,000 FB STK BAR CLAMPING SK14 3025176	4101	55 PHOENIX CONT	N 0 0 0
.2	2290726	1,000 EF STK CONNECTING CABLE/REGULATOR CAN-BUS	012995	92	N 0 0 0
.3	2140491	1,000 FB STK SUB-D 9POL.BU/INSULATION TERMINAL	1358	54 HARTING ELEK	N 0 0 0
.3	2363671	1,000 FB STK SUB-D 9POL.BU/PLUG INSERT 09 66 118 7500	1357	54 HARTING ELEK	'N 0 0 0
.3	956292	70,000 FB MM FLAT CABLE 9POLES FBK-9	700109	56 HARTING ELEK	N 0 0 0
.3	1764431	4,000 FB STK S-SUB SCREW CLIP 43438-3	0267	54 SCHURICHT GM	N 0 0 0
.2	2140954	1,000 FB STK FIXATION SET FOR BLZ SLABB6RORSET 156296	1439	54 WEIDMUELLER	N 0 0 0
.2	2140947	1,000 FB STK JACK BAR 2POL. BLZ5.08/2BSNR 152876	1430	54 WEIDMUELLER	N 0 0 0
.2	2139022	1,000 EF STK MOTOR LINE / SS		90	N 1 0 0
.3	1675447	1 1.350,000 FB MM OELFLEX-110 CY 5X1,0	101205	56 WEYDEMAYER G	N 0 0 0
.3	356410	6,000 FB STK CRIMP CONTACT 0,75 AG 09 33 000 6205	0182	52 HARTING ELEK	N 0 0 0
.3	44917	5,000 FB STK MULTICORE CABLE END 4097.0	0306	58 WEIDMUELLER	N 0 0 0
.3	44933	1,000 FB STK MULTICORE CABLE END 4631.0	0307	58 WEIDMUELLER	N 0 0 0
.2	2531269	1,000 EF STK RESOLVER LINE CC-ADD.	013019	92	N 1 0 0
.3	1402388	1 1.600,000 FB MM SPIRAL CABLE SIG.ERK 0950 REV. 5	470950	56 ELOCAB SONDE	N 0 0 0
.3	1476119	1,000 FB STK D-SUP 9POL.CRIMP PIN FL-09P7K120	0951	54 HARTING ELEK	N 0 0 0
.3	1476135	9,000 FB STK CRIMP CONTACT D-SUB PIN FL20PL	0962	54 F C T ELECTR	N 0 0 0
.3	1476192	1,000 FB STK FULL METAL HOOD 9P.45DEGR. FMK1	0911	54 F C T ELECTR	N 0 0 0
.3	956334	2,000 FB STK LOCKING 4-40UNC 250-8501-004	0253	54 SPOERLE ELEC	N 0 0 0
.3	2139816	6,000 FB STK CRIMP CONTACT 0,37 AU 09 33 000 6217	0194	52 HARTING ELEK	N 0 0 0
.2	2139840	2,000 FB STK DOUBLE TERMINAL ZDK 2,5/1,5 167430	1151	55 WEIDMUELLER	N 0 0 0
.2	2139857	2,000 FB STK PARTITION WALL ZAP TW 2,5/1,5 167473	1166	55 WEIDMUELLER	N 0 0 0
.2	2139568	1510.000,000 FB MM SERVO LINE 1 2(3X0,35)+2X0,15+3X2X0,15	323014	56 ERNST + ENGB	N 0 0 0
1	1391615	50,000 FB MM HEAT-SHRINKING-SLEEVE PLG 375-0-E	0907	57 BRAUN GMBH &	N 0 0 0
1	2139584	1,000 FB STK PLUG FSTA134NN00080001000	1010	54 INTERCONTEC	N 0 0 0
1	2139600	4,000 FB STK CONTACT JACK 2,0 760AB003211X	1011	54 INTERCONTEC	N 0 0 0
1	2139972	1,000 FB STK IDENTIF. LABEL KSK 11X09 86421034	1015	54 MURRPLASTIK	N 0 0 0
1	2139592	10,000 FB STK CONTACT JACK 1,0 760AB001211X	1012	54 INTERCONTEC	N 0 0 0
1	2531343	1,000 EF STK AC AXIS / IRT 4009	013019	92	N 0 0 0
.2	2138628	1,000 FB STK REGULATOR 4009	6023	21 I R T S A	J 6 0 0
.2	2139527	1,000 FB STK BAR CLAMPING SK14 3025176	4101	55 PHOENIX CONT	N 0 0 0
.2	2290726	1,000 EF STK CONNECTING CABLE/REGULATOR CAN-BUS	012995	92	N 0 0 0
.3	2140491	1,000 FB STK SUB-D 9POL.BU/INSULATION TERMINAL	1358	54 HARTING ELEK	N 0 0 0
.3	2363671	1,000 FB STK SUB-D 9POL.BU/PLUG INSERT 09 66 118 7500	1357	54 HARTING ELEK	N 0 0 0
.3	956292	70,000 FB MM FLAT CABLE 9POLES FBK-9	700109	56 HARTING ELEK	N 0 0 0
.3	1764431	4,000 FB STK S-SUB SCREW CLIP 43438-3	0267	54 SCHURICHT GM	N 0 0 0
.2	2140954	1,000 FB STK FIXATION SET FOR BLZ SLABB6RORSET 156296	1439	54 WEIDMUELLER	N 0 0 0
.2	2140947	1,000 FB STK JACK BAR 2POL. BLZ5.08/2BSNR 152876	1430	54 WEIDMUELLER	N 0 0 0
.2	2139022	1,000 EF STK MOTOR LINE / SS	90		N 1 0 0

STAGE ID.NO.	ITM QTY	HA ME PE DISIGNATION	DRAWING	GROUP	VT-S ETK
	2363523	EF STK ADDITIONAL AXIS RS5 RDK05		92	NN
..3	1675447	1 1.350,000 FB MM OELFLEX-110 CY 5X1,0	101205	56 WEYDEMAYER G	N 0 0 0
..3	356410	2 6,000 FB STK CRIMP CONTACT 0,75 AG 09 33 000 6205	0182	52 HARTING ELEK	N 0 0 0
..3	44917	3 5,000 FB STK MULTICORE CABLE END 4097,0	0306	58 WEIDMUELLER	N 0 0 0
..3	44933	4 1,000 FB STK MULTICORE CABLE END 4631,0	0307	58 WEIDMUELLER	N 0 0 0
.2	2531269	9 1,000 EF STK RESOLVER LINE CC-ADD.	013019	92	N 1 0 0
..3	1402388	1 1.600,000 FB MM SPIRAL CABLE SIG.ERK 0950 REV.5	470950	56 ELOCAB SONDE	N 0 0 0
..3	1476119	2 1,000 FB STK D-SUP 9POL.CRIMP PIN FL-09P7K120	0951	54 HARTING ELEK	N 0 0 0
..3	1476135	3 9,000 FB STK CRIMP CONTACT D-SUB PIN FL20PL	0962	54 F C T ELECTR	N 0 0 0
..3	1476192	4 1,000 FB STK FULL METAL HOOD 9P,45DEGR. FMK1	0911	54 F C T ELECTR	N 0 0 0
..3	956334	5 2,000 FB STK LOCKING 4-40UNC 250-8501-004	0253	54 SPOERLE ELEC	N 0 0 0
..3	2139816	6 6,000 FB STK CRIMP CONTACT 0,37 AU 09 33 000 6217	0194	52 HARTING ELEK	N 0 0 0
.2	2139840	12 2,000 FB STK DOUBLE TERMINAL ZDK 2,5/1,5 167430	1151	55 WEIDMUELLER	N 0 0 0
.2	2139857	13 2,000 FB STK PARTITION WALL ZAP TW 2,5/1,5 167473	1166	55 WEIDMUELLER	N 0 0 0
.2	2139576	1510.000,000 FB MM SERVO LINE 2 3X1,0+(1X1,0+2X0,5)+ 2X0,15+3X2X0,15	323214	56 ERNST + ENGB	N 0 0 0
1	1391615	12 50,000 FB MM HEAT-SHRINKING-SLEEVE PLG 375-0-E	0907	57 BRAUN GMBH &	N 0 0 0
1	2139584	13 1,000 FB STK PLUG FSTA134NN00080001000	1010	54 INTERCONTEC	N 0 0 0
1	2139600	14 4,000 FB STK CONTACT JACK 2,0 760AB003211X	1011	54 INTERCONTEC	N 0 0 0
1	2139972	15 1,000 FB STK IDENTIF. LABEL KSK 11X09 86421034	1015	54 MURRPLASTIK	N 0 0 0
1	2139592	16 10,000 FB STK CONTACT JACK 1,0 760AB001211X	1012	54 INTERCONTEC	N 0 0 0
1	2140483	20 1,000 EF STK CONTROL CABINET CONNECTION 46POL.	012945	92	N 0 0 0
.2	338046	1 1,000 FB STK HOUSING BOTTOM 09 30 024 0301	0408	52 HARTING ELEK	N 1 0 0
.2	2139220	2 1,000 FB STK JACK INSERT 09 32 046 3109	2522	52 HARTING ELEK	N 1 0 0
.2	2139238	3 1,000 FB STK PIN INSERT 09 32 046 3009	2521	52 HARTING ELEK	N 1 0 0
.2	1170688	4 1,000 FB STK SOCKET HOUSING 09 30 024 0521	0403	52 HARTING ELEK	N 1 0 0
1	2140475	21 1,000 EF STK MACHINE CONNECTION 46POL.	012945	92	N 0 0 0
.2	1281691	1 1,000 FB STK SOCKET HOUSING 09 30 024 0271/PG29	0414	52 HARTING ELEK	N 0 0 0
.2	2139220	2 1,000 FB STK JACK INSERT 09 32 046 3109	2522	52 HARTING ELEK	N 0 0 0
.2	2139238	3 1,000 FB STK PIN INSERT 09 32 046 3009	2521	52 HARTING ELEK	N 0 0 0
.2	1170688	4 1,000 FB STK SOCKET HOUSING 09 30 024 0521	0403	52 HARTING ELEK	N 0 0 0
1	749580	50 1.500,000 FB MM NSLFFOEU 70SW GROUND CABLE	0905	56 MAINLAND GMB	N 0 0 0
1	15800	51 2,000 FB STK HEXAGON.CAP SCR.DIN933 M10X25 BRASS	56 10X 25	657 SPOHR GEORG	N 0 0 0
1	1178038	52 2,000 FB STK CABLE SHOE RING M10/70MM	0132	58 KLAUKE GUSTA	N 0 0 0
1	3749	53 2,000 FB STK NUT DIN 934 M 10 BRASS	22 10	678 GERGEN CAMIL	N 0 0 0
1	887273	54 1,000 FB MM PROTECTIVE HOSE PISG-36/PG36	0507	57 FRAENKISCHE	N 0 0 0
1	98053	55 1,000 FB STK PIPE CLAMP RAPR 542 (HRL5KP42PP)	060	155 HYDAC TECHNO	N 0 0 0
1	31153	56 1,000 FB STK ISO TERMINAL BUSHING PG 29	8006	59 BRAUN GMBH &	N 0 0 0
1	113464	57 1,000 FB STK QUICK-GL-TERMINAL CLAMP PG 29	0766	57 MAINLAND GMB	N 0 0 0
1	30908	58 1,000 FB MM STEEL ARMORED PIPE PG 29	0806	57 I-CENTER	N 0 0 0

STAGE ID.NO.	ITEM QTY	NAME PE DISIGNATION	DRAWING	GROUP	VT-S ETK
	2363523	EF STK ADDITIONAL AXIS RS5 RDK05		92	NN
1	6056	59 2,000 FB STK WASHER DIN125 10,5 BRASS	15135	696	GERGEN CAMIL N 0 0 0
1	52571	60 2,000 FB STK TOOTHED GEAR DIN 6797, VERN. A 10,5	43 10,5	697	SPOHR GEORG N 0 0 0

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STAGE ID.NO.	ITM QTY	NAME PE DISIGNATION	DRAWING	GROUP	VT-S ETK
2141010		EF STK DNC REMOTE CUSTOMER SERVICE ENGLISH		92	N N
1	1538538	2 1,000 EF STK FLAT CABLE PU X2 -- OP.OFFLINE RV6	011200	90	N 0 0 0
.2	956292	2 1.010,000 FB MM FLAT CABLE 9POLES FBK-9	700109	56 HARTING ELEK N 0 0 0	
.2	1476218	3 1,000 FB STK D-SUB 9POL.PIN IDC F09P15K49	0981	54 F C T ELECTR N 0 0 0	
.2	956359	4 1,000 FB STK PLUG HOUSING 9POLES DE 121 073-169	0232	54 SPOERLE ELEC N 0 0 0	
.2	956334	5 2,000 FB STK LOCKING 4-40UNC 250-8501-004	0253	54 SPOERLE ELEC N 0 0 0	
.2	1476226	6 1,000 FB STK D-SUB 9POL.JACK IDC F09S15K49	0983	54 SPOERLE ELEC N 0 0 0	
.2	956334	7 2,000 FB STK LOCKING 4-40UNC 250-8501-004	0253	54 SPOERLE ELEC N 0 0 0	
.2	1476556	8 2,000 FB STK LOCKING PART SUB-D 170-20418-2-X	1336	54 HARTING ELEK N 0 0 0	
1	2138958	6 1,000 EF STK PERIPHERAL CABLE DNC RSV 15M	012785	92	N 0 0 0
.2	1476119	1 1,000 FB STK D-SUP 9POL.CRIMP PIN FL-09P7K120	0951	54 HARTING ELEK N 0 0 0	
.2	1476192	2 1,000 FB STK FULL METAL HOOD 9P.45DEGR. FMK1	0911	54 F C T ELECTR N 0 0 0	
.2	1476135	3 9,000 FB STK CRIMP CONTACT D-SUB PIN FL20PL	0962	54 F C T ELECTR N 0 0 0	
.2	960120	415.000,000 FB MM LIFYCY 6X2X0,2 BG22 W/TOTAL SHIELDI.	504306	56 SAB SIGNAL- N 0 0 0	
.2	1476184	5 1,000 FB STK D-SUB PLUG CONNECT.25P.BU FL25S7K121	0943	54 F C T ELECTR N 0 0 0	
.2	1476200	6 1,000 FB STK FULL METAL HOOD 45DEGR.25POL.FMK3	0913	54 F C T ELECTR N 0 0 0	
.2	1476143	7 9,000 FB STK D-SUB CRIMP CONTACTS BU FK20SL	0961	54 F C T ELECTR N 0 0 0	
1	2216036	7 1,000 FB STK PC ANYWHERE 8.0 WIN95/98	0506	39 LANG HENDRIK N 0 0 0	
1	2138388	8 1,000 FB STK INTERFACE OPERAT. SIGMA 6	0510	39 LANG HENDRIK N 0 0 0	
1	1928002	9 1,000 FB STK MODEM ELSA MICROLINK 33.6 TQV	0500	39 LANG HENDRIK N 0 0 0	
1	1927889	10 1,000 FB STK ADAPTER TAE	0501	39 LANG HENDRIK N 0 0 0	
1	1927764	11 1,000 FB STK TELEPHONE CABLE 15M WITH TAE N-WESTERN	0502	39 LANG HENDRIK N 0 0 0	
1	1173344	20 1,000 FB STK RS232-ADAPTER 9POL.BU-25POL.S	0991	54 CONRAD ELECT N 0 0 0	

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----- End of List -----

STAGE ID.NO.	ITEM QTY	NAME / DISIGNATION	DRAWING	GROUP	VT-S ETK
	1539726	EF STK SENSOR CONTROL FOR		92	N N
1	955054	210.000,000 FB MM LIYCY 3X0,5/55 SCREENED	501603	56	WEYDEMAYER G N 1 0 0
1	749424	3 1,000 FB STK BOARD FOR CONTACT SENSOR	09000	36	MEGATEC ELEC N 6 0 0
1	1542308	4 1,000 FB STK PLUG-IN BOARDS SUPPORT SKH231S817480	100	38	WEIDMUELLER N 0 0 0

VT = Verschleissteil J/N

E = Ersatzteil 1=Ersatzteil 6=Ersatzteilepaket

T = Teilestammstatus 3=Konst-Stand 2=Freig-Konst 1=Frei-Einpl 0=eingeplant

S = Stuecklistenstat 3=Konst-Stand 2=Freig-Konst 1=Frei-Einpl 0=eingeplant

-- End of List --

STAGE ID.NO.	ITM QTY	HA ME PE DISIGNATION	DRAWING	GROUP	VT-S ETK
	2530402	EF STK ACC. WELDING RS5	012984	92	N N
1	1564526 1	4,000 FB STK BASE RING AL=12UH K56/32/18W-K6000	3002	14	KASCHKE KG G N O O O
1	43901 3	1,000 FB STK FINE WIRE FUSE 250MA T 5X20	0141	7	SCHURTER GMB N O O O
1	347427 4	9.000,000 FB MM LIFYCY 2X2X0,2/22	504302	56 SAB SIGNAL- N O O O	
1	1285767 5	1,000 FB STK CPC PIN HOUSING 37 PIN 0-0206305-1	1511	53 AMPLIVERSAL N O O O	
1	1285775 6	1,000 FB STK CPC COVER 0-0182652-1	1513	53 AMPLIVERSAL N O O O	
1	1285783 7	18,000 FB STK CPC 3XPIN FOR CPC 0-0163082-1	1512	53 AMPLIVERSAL N O O O	
1	347401 8	9.000,000 FB MM LIFYCY 12X2X0,2/22	504312	56 SAB SIGNAL- N O O O	
1	634444 9	9.000,000 FB MM LIFYCY 24X2X0,2 BG22 W/TOTAL SHIELD	504324	56 WEYDEMAYER G N O O O	
1	749580 10	4.000,000 FB MM NSLFFOEU 70SW GROUND CABLE	0905	56 MAINLAND GMB N O O O	
1	1178020 11	8,000 FB STK CABLE SHOES 70 MM2/M8 0036922	0131	58 KLAUKE GUSTA N O O O	
1	1562124 12	1,000 FB STK UNI INSERT SEAL PG29 155 M2X11	009849	59 WEYDEMAYER G N O O O	
1	2140459 13	1,000 EF STK CONTROL CABINET CONNECTION 108POL.	012945	92	N O O O
.2	338046 1	1,000 FB STK HOUSING BOTTOM 09 30 024 0301	0408	52 HARTING ELEK N 1 O O	
.2	1170647 2	1,000 FB STK JACK INSERT 09161083101	2008	52 HARTING ELEK N 1 O O	
.2	1170639 3	1,000 FB STK PIN INSERT 09161083001	2007	52 HARTING ELEK N 1 O O	
.2	1170688 4	1,000 FB STK SOCKET HOUSING 09 30 024 0521	0403	52 HARTING ELEK N 1 O O	
1	2139774 15	1,000 FB STK FUSE TERMINALS ZSI 2,5/LD24DC	1142	55 WEIDMUELLER N O O O	
1	2139162 16	1,000 FB STK PARTITION WALL ZAP/TW3 160880	1163	55 WEIDMUELLER N O O O	
1	2139766 17	1,000 FB STK PARTITION WALL ZAP TNHE/ZS/2,5	1165	55 WEIDMUELLER N O O O	
1	2530816 18	2,000 FB STK FLAT PLUG IN SLEEVE 0,75-1,50	252	58 HIRSCH HERBE N O O O	

VT = Verschleissteil J/N

E = Ersatzteil 1=Ersatzteil 6=Ersatzteilkopet

T = Teilestammstatus 3=Konst-Stand 2=Freig-Konst 1=Frei-Einpl 0=eingeplant

S = Stuecklistenstat 3=Konst-Stand 2=Freig-Konst 1=Frei-Einpl 0=eingeplant

----- End of List -----

STAGE ID.NO.	ITM QTY	NAME PE DISIGNATION	DRAWING	GROUP	VT-S ETK
2216507		EF STK WIR.DIAGR. + ACC. 52.588.00	013326	90	N N
1	1052498	2 1,000 EF STK ENGR.INFORMATION SIGN -GB- 220X140X1	SKH 686.2	75	KUENKLER EGO N 0 0 0
.2	1066910	1 310,000 FB CM2 ANODIZED ENGRAVING BOARD 601/01 1000X500MM	506	74	GRAVOGRAPH G N 0 0 2
1	1223172	3 4,000 FB STK CONTACT LP1 D09 10BD	320	10	SCHNEIDER EL N 0 0 0
1	133686	4 1,000 FB STK LUMINOUS KEY BLUE ZB2-BW36	3295	28	SCHNEIDER EL N 0 0 0
1	1387423	5 1,000 FB STK MOTOR PROTECTION GV1-M05 0,63-1A	005	8	SCHNEIDER EL N 0 0 0
1	1387597	6 1,000 FB STK COLLECTING BAR - SYSTEM GV1-G08	042	8	SCHNEIDER EL N 0 0 0
1	1388231	7 1,000 FB STK DC-SUPPLY 039/400V-24VDC/15A	053	16	KOENIG-WOERL N 6 0 0
1	1408898	8 1,000 FB STK UNIVERSAL-ID.PLATE 350.9801.400 -C	0502	75	KUENKLER EGO N 0 0 0
1	1626770	9 1,000 FB STK RELAY COUPLER 1S RMM 11/24 51851	0261	11	MURRELEKTRON N 0 0 0
1	1766600	10 1,000 FB STK SAFETY RELAIS TIME SRB-NA-R-C16-24V	0903	13	ELAN SCHALTE N 6 0 0
1	1766832	11 1,000 FB STK SAFETY RELAY SRB-NA-R-C15-24V	0902	13	ELAN SCHALTE N 6 0 0
1	1766857	12 1,000 FB STK POWER LINE FILTER 7A FN258- 7-07	0913	14	SCHAFFNER EL N 0 0 0
1	1851642	13 1,000 FB STK MSS 24VDC 0 891 321	0074	65	FRANZ J. ING N 0 0 0
1	1851659	14 1,000 FB STK MOUNTING FRAME 2 405 218	0157	65	FRANZ J. ING N 0 0 0
1	1851816	15 2,000 FB STK BULP 28V DL1-CE028	3468	28	BRAUN GMBH & N 0 0 0
1	1926139	16 1,000 FB STK MOT.PROTECT. SW.GV2-RT10	0091	8	SCHNEIDER EL N 0 0 0
1	2139105	17 6,000 FB STK LINE UP TERMINAL ZDU 2,5/4AN	1103	55	WEIDMUELLER N 0 0 0
1	2139113	18 2,000 FB STK LINE UP TERMINAL ZDU 2,5/4AN BL	1113	55	WEIDMUELLER N 0 0 0
1	2139162	19 4,000 FB STK PARTITION WALL ZAP/TW3 160880	1163	55	WEIDMUELLER N 0 0 0
1	2140079	20 1,000 FB STK BUS HOUSING, PAINTED BG1558.210	736	2	RITTAL-WERK N 0 0 0
1	2140541	21 1,000 FB STK BUS NODE CAN+8DI MBM-C 55900	9301	35	MURRELEKTRON N 6 0 0
1	2140616	22 1,000 FB STK F.KL.BLOCK F.MBM08/0,5 55956	9309	35	MURRELEKTRON N 6 0 0
1	2216481	23 4,000 FB STK CAN-DIGITAL OUTPUT-TERMINALS 2 KL 2022	9355	35	BECKHOFF GMB N 6 0 0
1	2290098	24 1,000 FB STK DIGITAL OUTPUT MOD. MBMDO 8/0,5	93075	35	MURRELEKTRON N 6 0 0
1	2363218	25 1,000 EF STK CONNECTING CABLE CAN-BUS TWIS.P 10POL.	92		N 0 0 0
.2	2140491	1 1,000 FB STK SUB-D 9POL.BU/INSULATION TERMINAL	1358	54	HARTING ELEK N 6 0 0
.2	2363671	2 1,000 FB STK SUB-D 9POL.BU/PLUG INSERT 09 66 118 7500	1357	54	HARTING ELEK N 6 0 0
.2	2530865	3 1.000,000 FB MM FLAT CABLE PAAR.VERS.10POL. 09 18 010 7006 (1700-10)	700112	56	HARTING ELEK N 0 0 0
.2	1764431	4 4,000 FB STK S-SUB SCREW CLIP 43438-3	0267	54	SCHURICHT GM N 6 0 0
1	2363259	26 1,000 FB STK GUIDE TERMINAL BLOCK F.MBM-C 55977 (BES-18-0-KB-2)	93015	35	MURRELEKTRON N 6 0 0
1	2363366	27 10.000,000 FB MM CAN BUS LINE 104207 3X2X0,22 PVC	501623	56	LUETZE FRIED N 0 0 0
1	2364281	28 1,000 FB STK CAN-BUS COUPLER BK 5120	9350	35	BECKHOFF GMB N 6 0 0
1	2364299	29 2,000 FB STK CAN-DIGITAL INPUT-TERMINALS 4 KL1104	9352	35	BECKHOFF GMB N 6 0 0
1	2364323	30 2,000 FB STK CAN-ANALOG OUTPUT-TERMINALS 2 KL4032	9358	35	BECKHOFF GMB N 6 0 0
1	2364349	31 1,000 FB STK CAN-BUSENDTERMINALS KL 9010	9362	35	BECKHOFF GMB N 6 0 0
1	2530477	32 1,000 FB STK CAN SUBD PLUG 103668	9331	35	R.E.D.HANDEL N 0 0 0
1	26484	33 1,000 FB STK PILOT LAMP ZB2-BV04 RED	3236	28	SCHNEIDER EL N 0 0 0
1	26518	34 1,000 FB STK PILOT LAMP BOTTOM ZB2-BV6 W/O TRANSF	3221	28	SCHNEIDER EL N 0 0 0
1	26542	35 1,000 FB STK LUMINOUS KEY BOTTOM ZB2-BW0651 O.TOS	3255	28	SCHNEIDER EL N 0 0 0
1	31971	36 1,000 FB STK MAIN SWITCH KG32 C11740E	4010	5	DEUTSCHE SOL N 0 0 0
1	436030	37 2,000 FB STK AUTOMATIC CUT-OUT:1P.4A 5SX2-104-7	6137	7	SIEMENS N 0 0 0

STAGE	ID.NO.	ITM QTY	HA ME PE DISIGNATION	DRAWING	GROUP.	VT-S ETK
	2216507		EF STK WIR.DIAGR. + ACC. 52.588.00	013326	90	N N
1	443598	38	2,000 FB STK ANODIZED PLATES W/BORINGS 22,5		74	KUENKLER EGO N 0 0 0
1	635904	39	1,000 FB STK AUTOMATIC CUT-OUT:1POL.6A 5SX2 106-7	6138	7	SIEMENS N 0 0 0
1	740324	4010.000,000 FB MM OELFLEX-110 CY 7X1,5		101307	56	MAINLAND GMB N 0 0 0
1	743203	41	6,000 FB STK SPARK QUENCHING ELEMENT LA9-D9984	0475	14	LUETZE FRIED N 0 0 0
1	809731	42	1,000 FB STK AUTOMATIC CUT-OUT:1P.10A 5SX2 110-7	6140	7	SIEMENS N 0 0 0
1	91405	43	2,000 FB STK AUXILIARY SWITCH BLOCK LA1 DN22	368 LA1-D22A65	10	SCHNEIDER EL N 0 0 0
1	934737	44	4,000 FB STK AUXILIARY SWITCH BLOCK LA1 DN31	369 LA1-D31A65	10	SCHNEIDER EL N 0 0 0
1	99572	45	2,000 FB STK CONTACT LP1 D12 10BD	322 LP1-D123-B	10	SCHNEIDER EL N 0 0 0

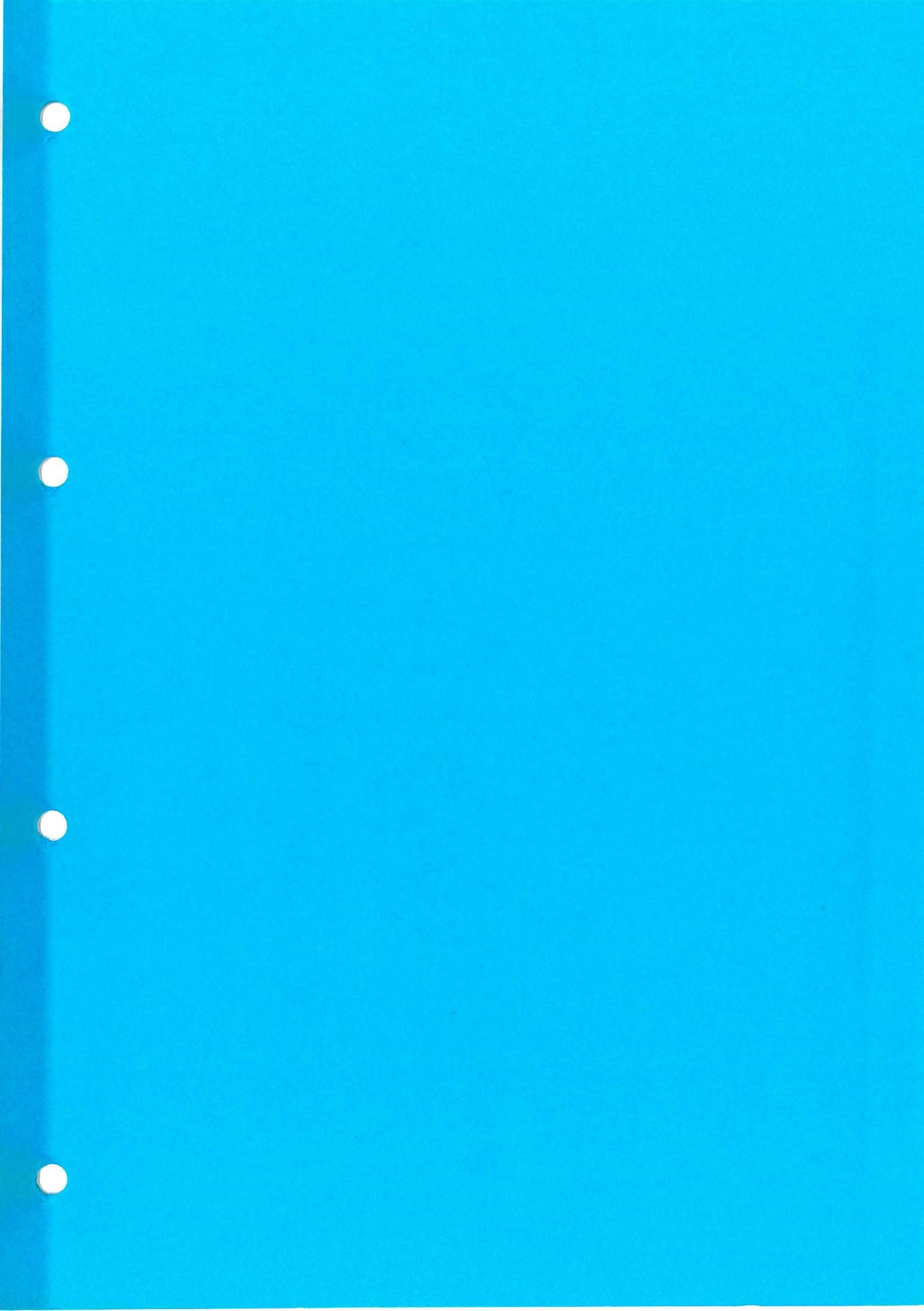
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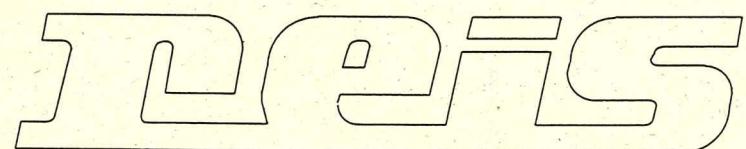
E = Ersatzteil 1=Ersatzteil 6=Ersatzteilepaket

T = Teilestatus 3=Konst-Stand 2=Freig-Konst 1=Frei-Einpl 0=eingeplant

S = Stuecklistenstat 3=Konst-Stand 2=Freig-Konst 1=Frei-Einpl 0=eingeplant

----- End of List -----





CUSTOMER : FA. PLASMA MODULS OY

TYPE : SRV6

COM. NR. : 52.588.00

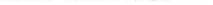
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CIRCUIT DIAGRAM NR. : 013326

	Datum : 19. Aug. 1999	Anlage:	SRV6 ROBOT-STAR V	Titel: COVER SHEET		Zeichn.-Nr.: 013326	Com.-Nr.: 52.588.00	Firma:	Bl. 1
	A. Dat.: 18. Aug. 1999								
	Bearb.: B. JACOBI								
Anderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:	REIS ROBOTICS	PLASMA MODULS OY		50 Bl.

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2	Inhaltsverzeichnis	13A	VOLTAGE SUPPLY POWER SOURCE
3.1	GENERAL INFORMATION	13B	CAN-BUS-MODULES POWER SOURCE
3.2	COMPLEMENT RACK	13C	CAN-BUS-MODULES POWER SOURCE
3.3	SIDE WALL	13D	COUPLING RELAYS
4.1	POWER SUPPLY	15.1	CONTACT SENSOR
4.2	VOLTAGE SUPPLY	20.1	PLASMA MODULES OY ION POWER SOURCE
4.3	VOTAGE SUPPLY 24VDC	35	PARTS LIST
4.4	VOLTAGE DISTRIBUTION 230VAC	36	PARTS LIST
5.1	DRIVES ON/SAFETY GRID/ EMERGENCY-OFF	37	PARTS LIST
5.2	MAINTENANCE DOOR	38	PARTS LIST
5A	UNITS ADDITIONAL AXES	46.1	CABLE LAYOUT
6	SAFETY-CONTROLLER LAYOUT	47.1	CABLE LAYOUT CAN-BUS
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6.2	SAFETY-CONTROLLER	48.1	TABLE OF THE TERMINAL STRIPS
6.3	SAFETY-CONTROLLER	49	SAFTY SWITCH UNIT .C16
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8.3	RESOLVER FOR 2. ADDITIONAL AXES		
9.1	PORTABLE TEACH PENDANT		
9.2	INTERFACE DISC DRIVE		
9.3	DNC INTERFACE		
10	OPERATING PANEL INTERNAL/EXTERNAL		
12.1	CAN-BUS KEY PLAN MODULES IN CONTROL CABINET		
12.2	CAN-BUS KEY PLAN POWER SOURCE		
12.3	CAN-BUS KEY PLAN POWER SOURCE		
13.1	CAN-MODULE CONTR. CABINET BYTE ER 1		

		Datum : 19. Aug. 1999	Anlage: SRV6 ROBOT-STAR V	Titel: TABLE OF CONTENTS	 REIS ROBOTICS	Zeichn.-Nr.:	Com.-Nr.:
		H.Dat.: 19. Aug. 1999				013326	52.588.00
		Bearb.: B. JACOBI				Firma:	PLASMA MODULS OY
Anderung	Name	Gepr. :	Urspr.:	Ers. f.:-	Ers. d.:		B1. 2 50 B1.

1 2 3 4 5 6 8 9 10 11 12 13 14 15 16 17 18 19

POWER SUPPLY SYSTEM : 3/PE/N  
GENERAL CONTROL VOLTAGES : 400/230V 50Hz +/- 5%/10%  
: 25 A SLOW  
CURRENT APPROX. : 16 A  
POWER CONSUMPTION : 3 kva  
MAIN SWITCH : 32 A

CUSTOMER PRESCRIPTIONS:

- NO  YES 1. -----  
2. -----  
3. -----  
4. -----  
5. -----

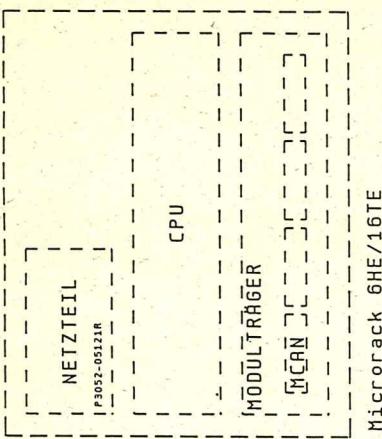
CONTROL CABINET:

CONTROL CABINET 1200  
IDENTIFICATION PLATE  
SAFETY REMARK english  
PHG-FOLIE PLASMA CUTTING

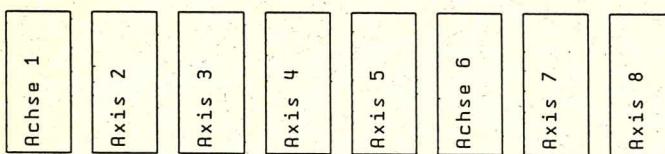
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		Bearb.: B. JACOBI					Firma: REIS ROBOTICS	
Anderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:		PLASMA MODULS OY	B1. 3.1 50 B1.

1 2 3 4 5 6 8 9 10 11 12 13 14 15 16 17 18 19

Loading: Robot-star V

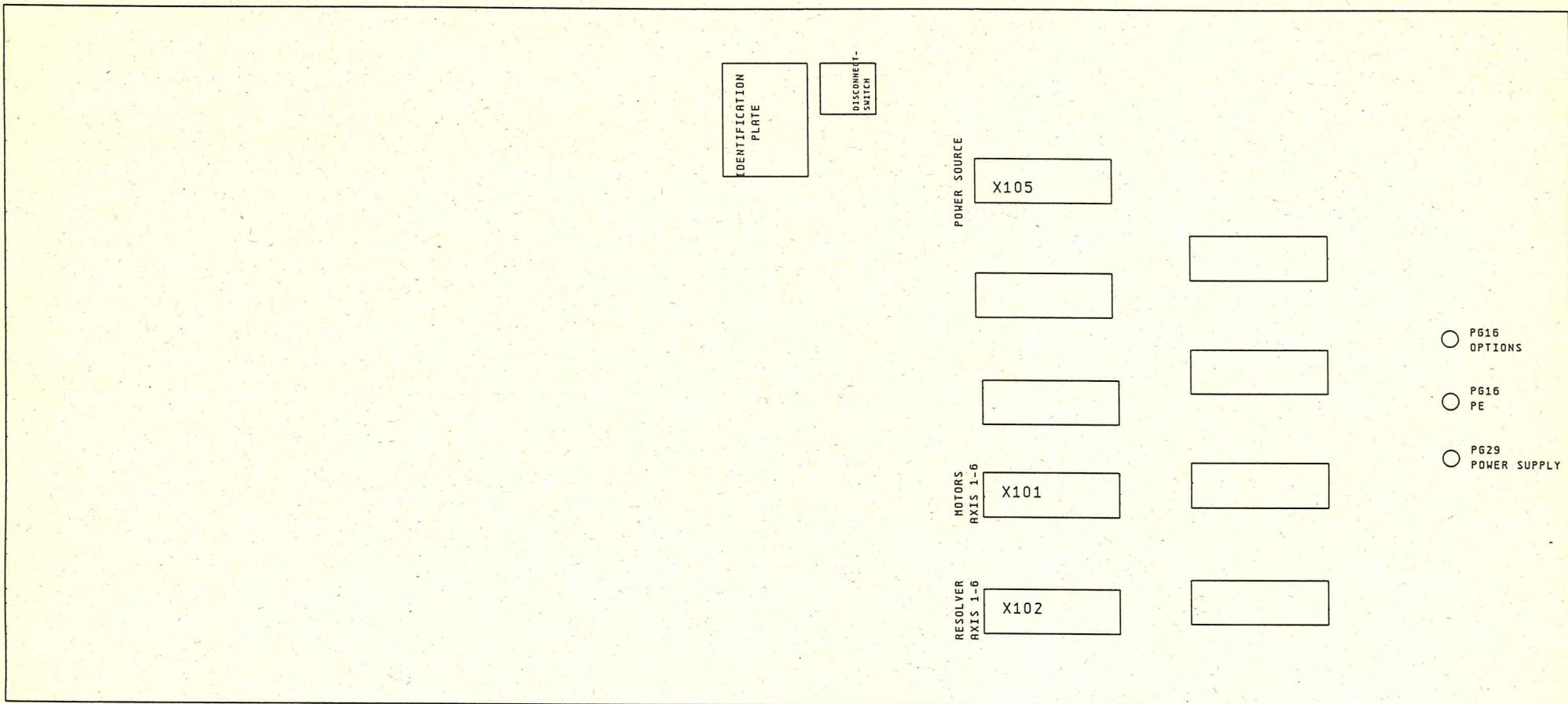


Regulator arrangement RV6/RV6L/RV16  
Regulator arrangement RL6/RL16/RL26/RL80

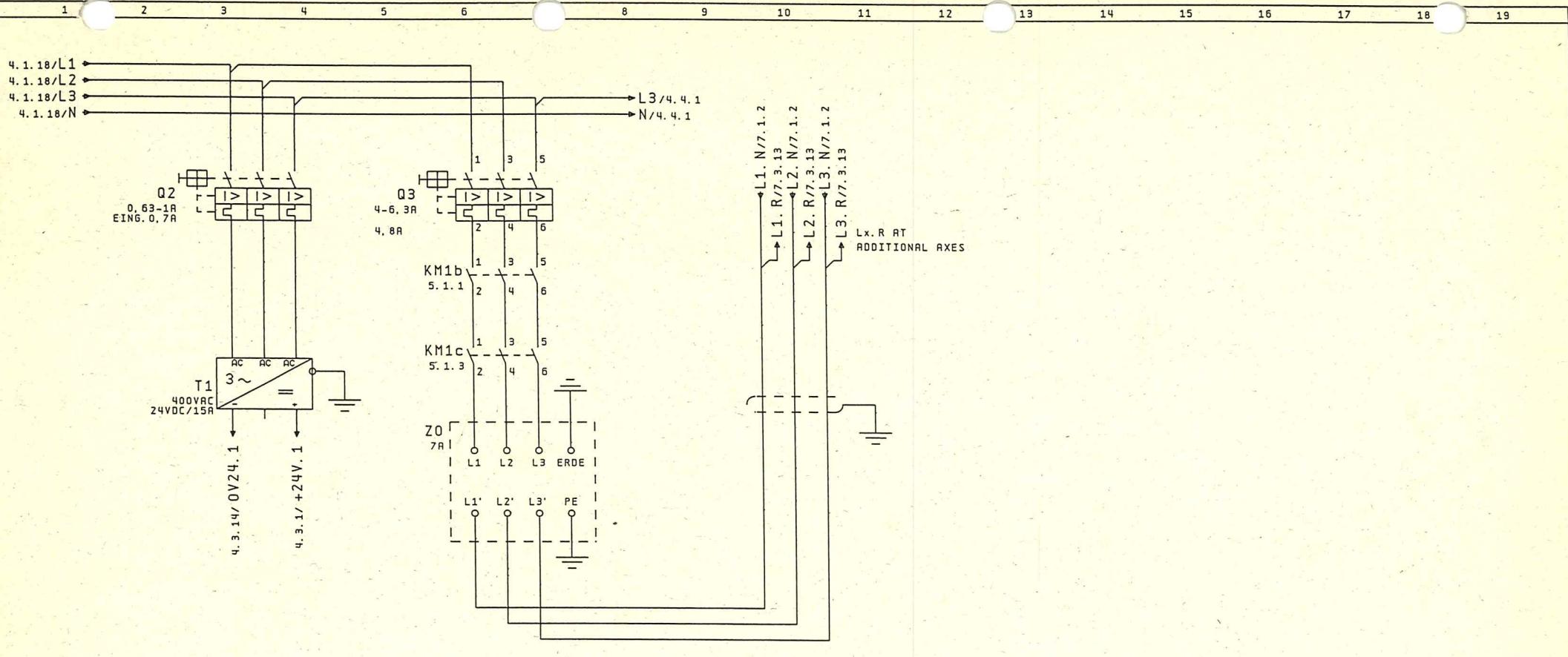


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Aenderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:	REIS ROBOTICS	Firma: PLASMA MODULS OY Bl. 3.2 50 Bl.

1 2 3 4 5 6 8 9 10 11 12 13 14 15 16 17 18 19



		Datum : 19. Aug. 1999	Montage: SRV6 ROBOT-STAR V	Titel: SIDE WALL	Zeichn.-Nr.: 013326	Com.-Nr.: 52.588.00	
		A. Dat.: 18. Aug. 1999					
		Bearb.: B. JACOBI					
Aenderung	Name	Gefert. :	Urspr.:	Ers. f.:	Ers. d.:	Firma: PLASMA MODULS OY	Bl. 3.3 50 Bl.

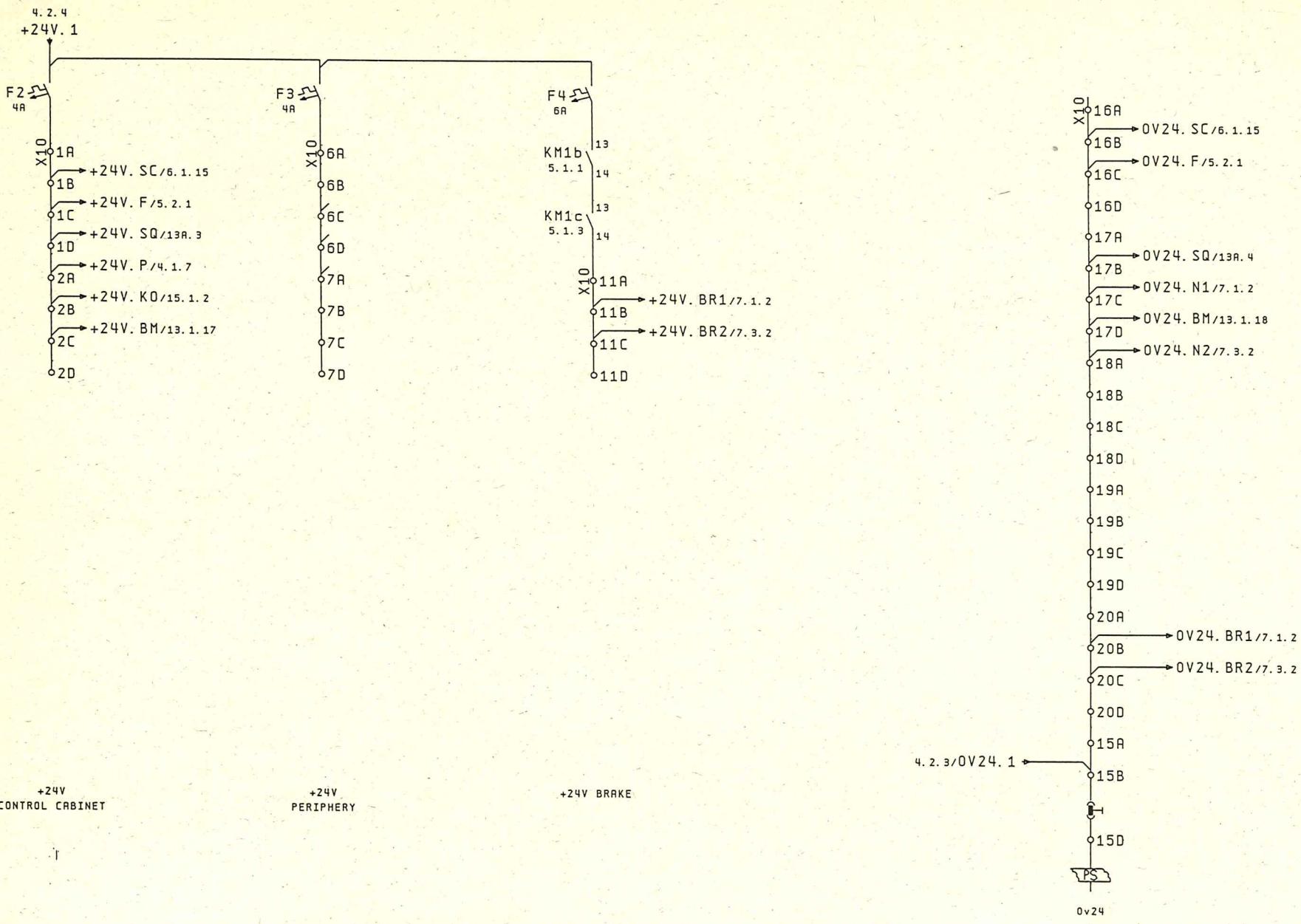


VOLTAGE SUPPLY  
+24VDC

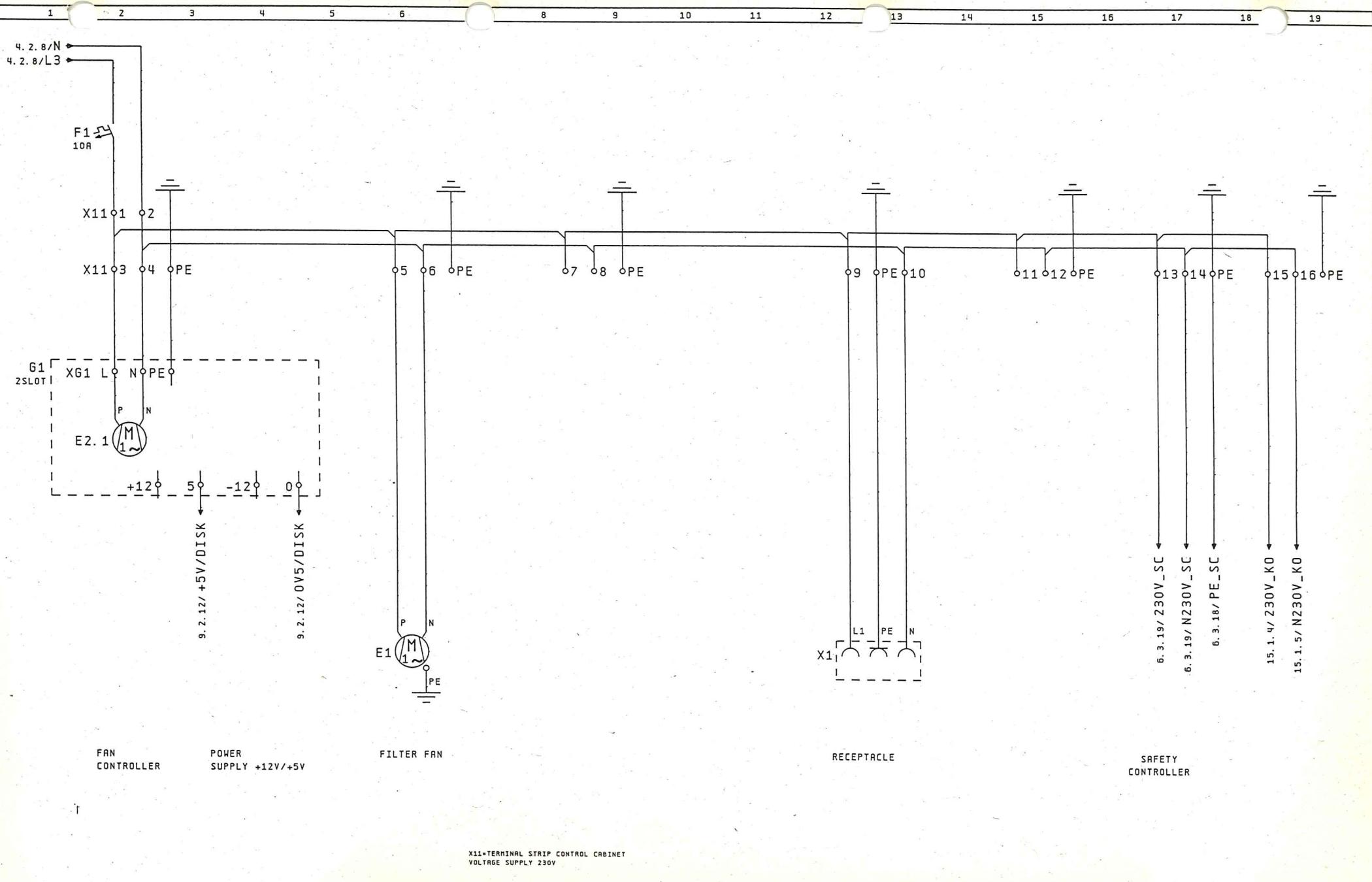
**VOLTAGE SUPPLY  
REGULATOR**

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		A. Dat.: 18. Aug. 1999						
		Bearb.: B. JACOBI						
Aenderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:	REIS ROBOTICS	Firma: PLASMA MODULS OY	B1. 4.2 50 b1.

1 2 3 4 5 6 8 9 10 11 12 13 14 15 16 17 18 19



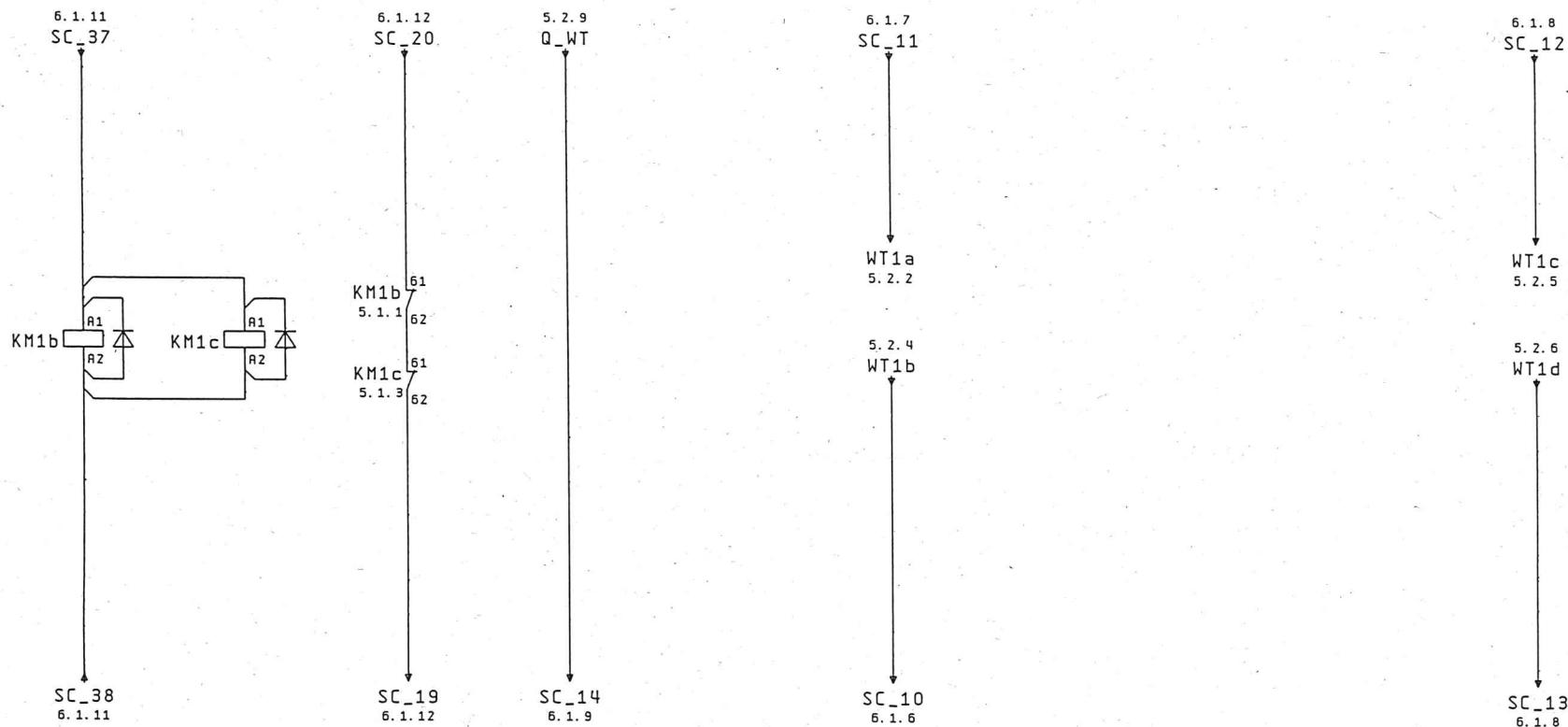
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	A. Dat.: 18. Aug. 1999		VOTAGE SUPPLY	013326	
	Bearb.: B. JACOBI		24VDC		52.588.00
Aenderung	Name	Gepr. :	Urspr. : Ers. f. : Ers. d. :	REIS ROBOTICS	Firma: PLASMA MODULS OY
					B1. 4.3
					50 Bl.



X11=TERMINAL STRIP CONTROL CABINET  
VOLTAGE SUPPLY 230V

		Datum : 19. Aug. 1999	Hinlage: SRV6 ROBOT-STAR V	Title: VOLTAGE DISTRIBUTION 230VAC	Zeichn.-Nr.: 013326	Com.-Nr.: 52.588.00	
		A.Dat.: 18. Aug. 1999					
		Bearb.: B.JACOBI					
Aenderung	Name	Gepr. :	Urspr.:	Ers.f.:	Ers.d.:	Firma: PLASMA MODULS OY	Bl. 4.4 50 Bl.

1 2 3 4 5 6 8 9 10 11 12 13 14 15 16 17 18 19



DRIVE

LP1-D12108D LR1-DN22	LP1-D12108D LR1-DN22
4.2.6 1 2	4.2.6 1 2
4.2.7 3 4	4.2.7 3 4
4.2.7 5 6	4.2.7 5 6
4.3.8 13 14	4.3.8 13 14
53 54	53 54
5.1.5 61 62	5.1.5 61 62
13R.12 71 72	13R.12 71 72
83 84	83 84

DRIVES  
ON  
REQUEST

RECEIPT  
SAFETY DOOR

SAFETY DEVICE  
CLOSED  
CHANNEL 1

SAFETY DEVICE  
CLOSED  
CHANNEL 2

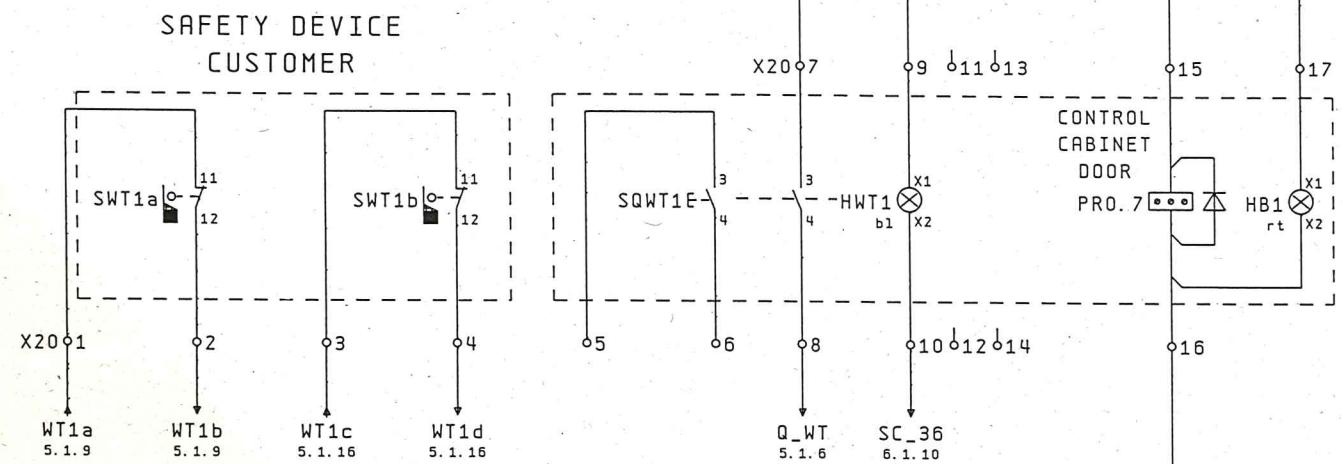
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		Bearb.: B. JACOBI					
Aenderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:		
						REIS ROBOTICS	
						Firma:	PLASMA MODULS OY
						Bl.	5.1
						Com.-Nr.:	52.588.00
						Zeichn.-Nr.:	013326

1 2 3 4 5 6 8 9 10 11 12 13 14 15 16 17 18 19

+24V.F  
4.3.2

X20 TERMINAL BLOCK IN CONTROL CABINET  
MAINTENANCE DOOR

+24V.F  
5A.1



4.3.15  
OV24.F

MAINTENANCE DOOR

RECEIPT  
PROTECTION AREA

WORKING HOURS-COUNTER  
FAULT

5A.1  
OV24.F

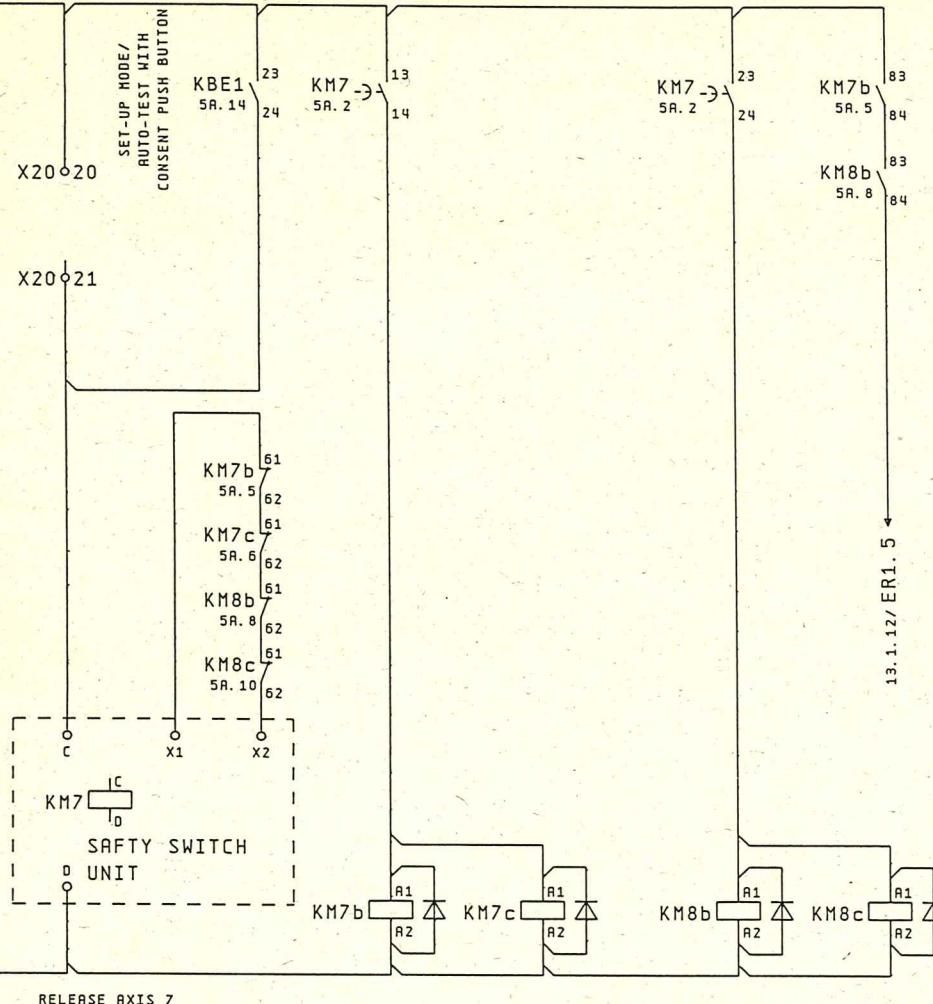
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	A.Dat.: 18. Aug. 1999				
	Bearb.: B. JACOBI				
Anderung	Name	Gepr. :	Urspr. : Ers. f. : Ers. d. :	REIS ROBOTICS	Firma: PLASMA MODULS OY Bl. 5.2
					50 181

**REIS**  
REIS ROBOTICS

SAFETY DEVICE  
CUSTOMER

5.2.19

+24V. F



-SRB-NA-R-C16-24V

SA. 5 13 14  
SA. 8 23 24  
33 34  
41 42

LP1-D0910BD  
LA1-DN31

7. 3. 5 1 2  
7. 3. 5 3 4  
7. 3. 6 5 6  
7. 3. 3 13 14  
53 54  
SA. 4 61 62  
73 74  
SA. 10 83 84

LP1-D0910BD

LA1-DN31

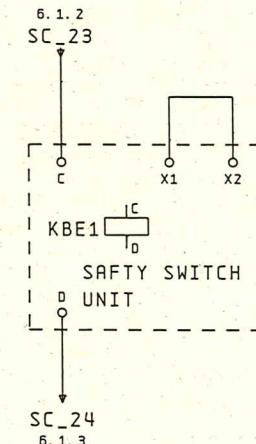
7. 3. 5 1 2  
7. 3. 5 3 4  
7. 3. 6 5 6  
7. 3. 3 13 14  
53 54  
SA. 4 61 62  
73 74  
SA. 10 83 84

LP1-D0910BD  
LA1-DN31

7. 3. 10 1 2  
7. 3. 11 3 4  
7. 3. 11 5 6  
7. 3. 9 13 14  
53 54  
SA. 4 61 62  
73 74

LP1-D0910BD  
LA1-DN31

7. 3. 10 1 2  
7. 3. 11 3 4  
7. 3. 11 5 6  
7. 3. 9 13 14  
53 54  
SA. 4 61 62  
73 74



SET-UP MODE/AUTO-TEST  
WITH CONSENT PUSH BUTTON

-SRB-NA-R-C15-24V

SA. 4 13 14  
33 34  
41 42

	Datum : 19. Aug. 1999	Rmäge:		Title:		Zeichn.-Nr.:	
	A. Dat.: 19. Aug. 1999					013326	52.588.00
	Bearb.: B. JACOBI					Firma:	
Anderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:		PLASMA MODULS OY
						B1.	5A
							50 b1.

1 2 3 4 5 6 8 9 10 11 12 13 14 15 16 17 18 19

SAFETY  
CONTROLLER  
BACK SIDE

RESET  
FLIP SWITCH

SERVICE-MODE  
FLIP SWITCH

PROGR.-MODE  
FLIP SWITCH

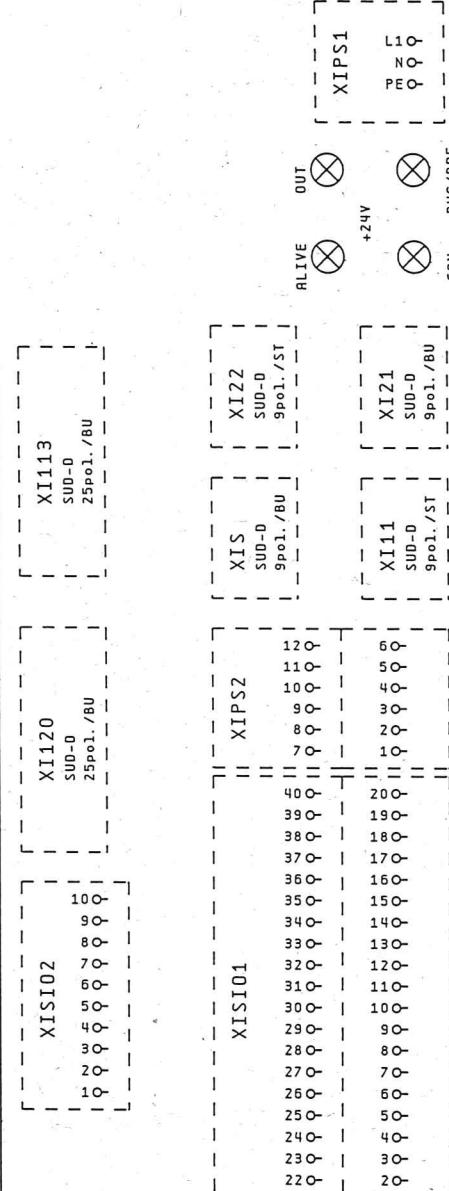
SAFETY  
CONTROLLER  
FRONT SIDE

ADD-ON SIDE

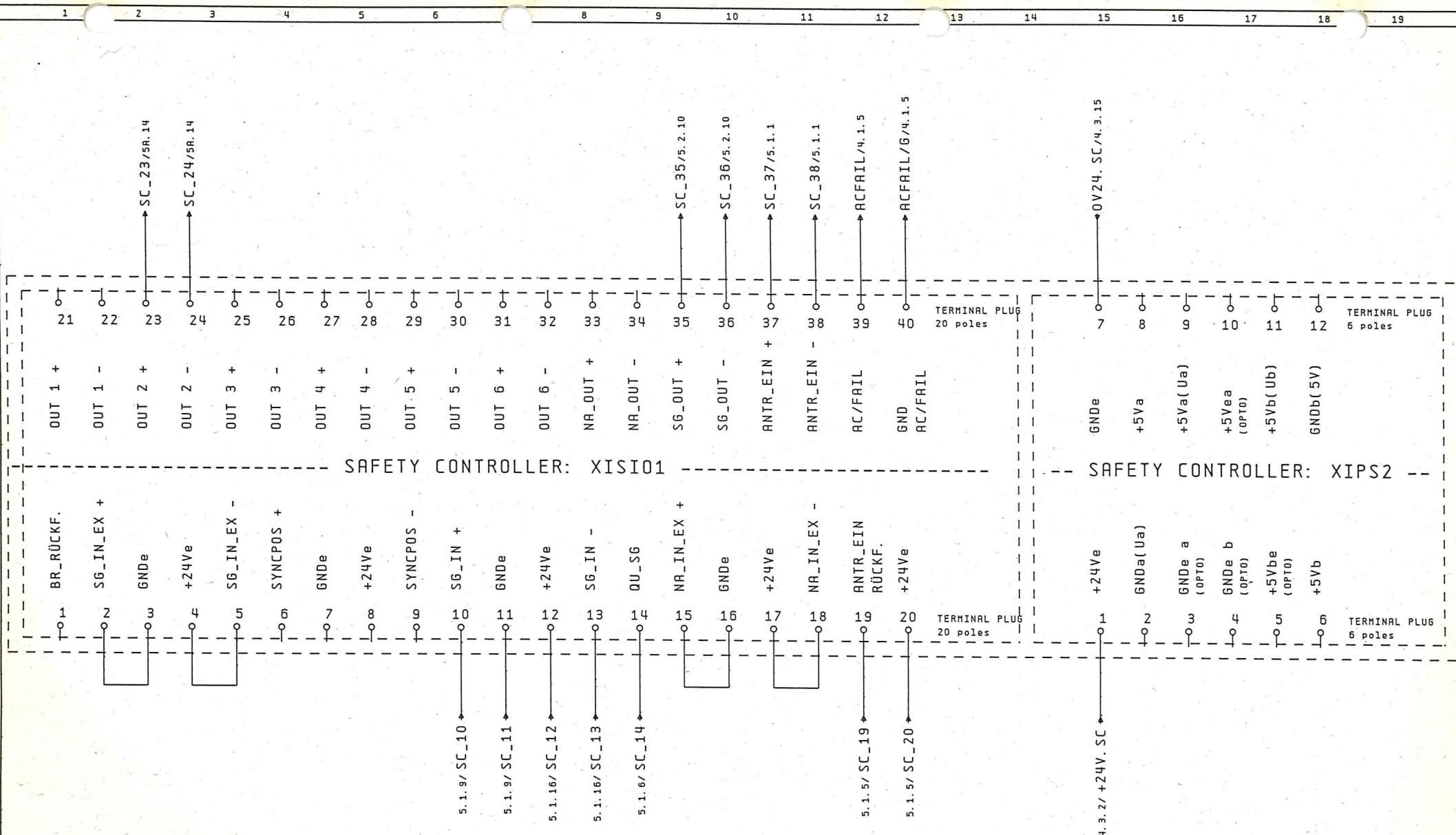
VIEW OF  
BACK !

ADD-ON SIDE

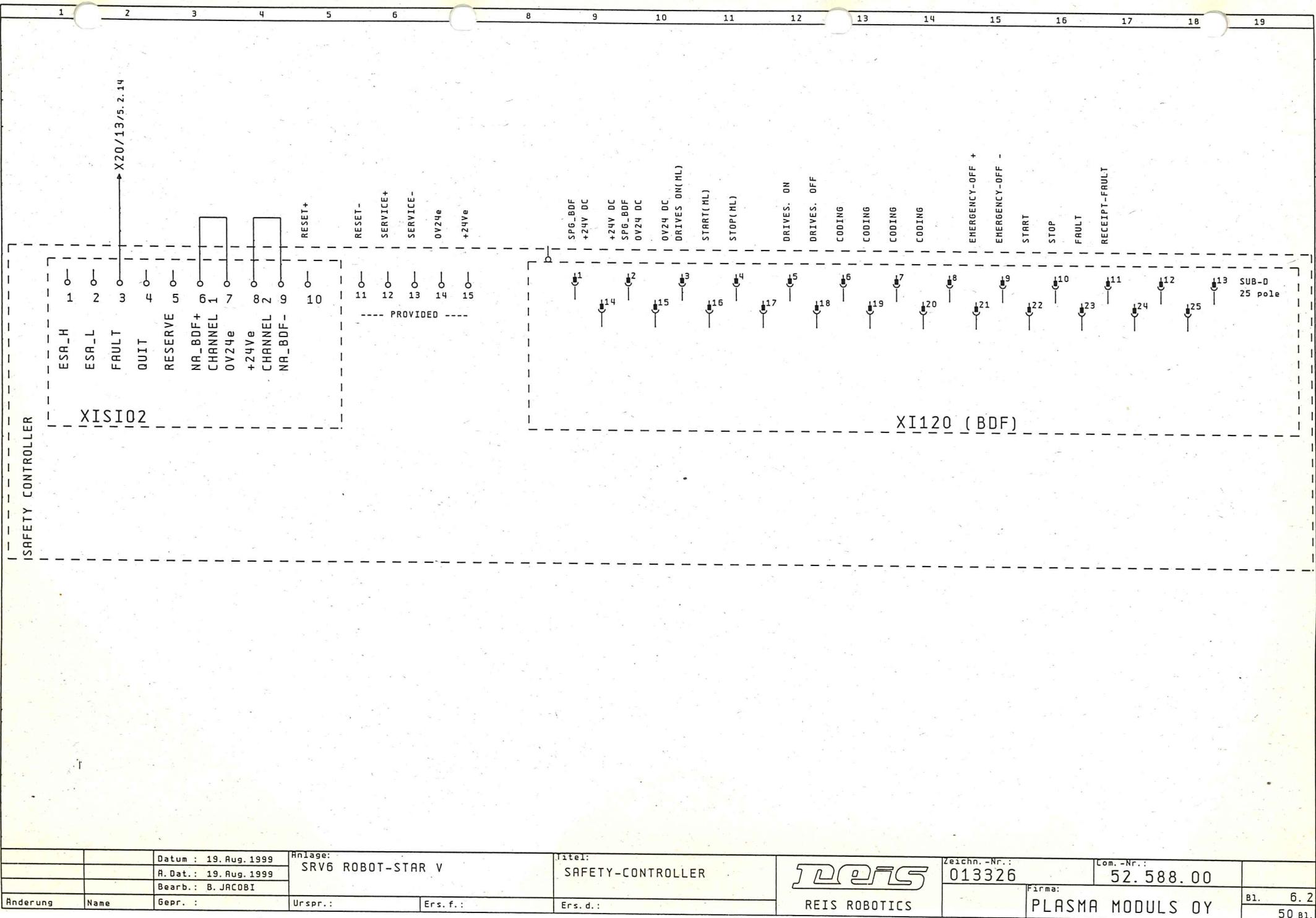
VIEW OF  
IN FRONT !

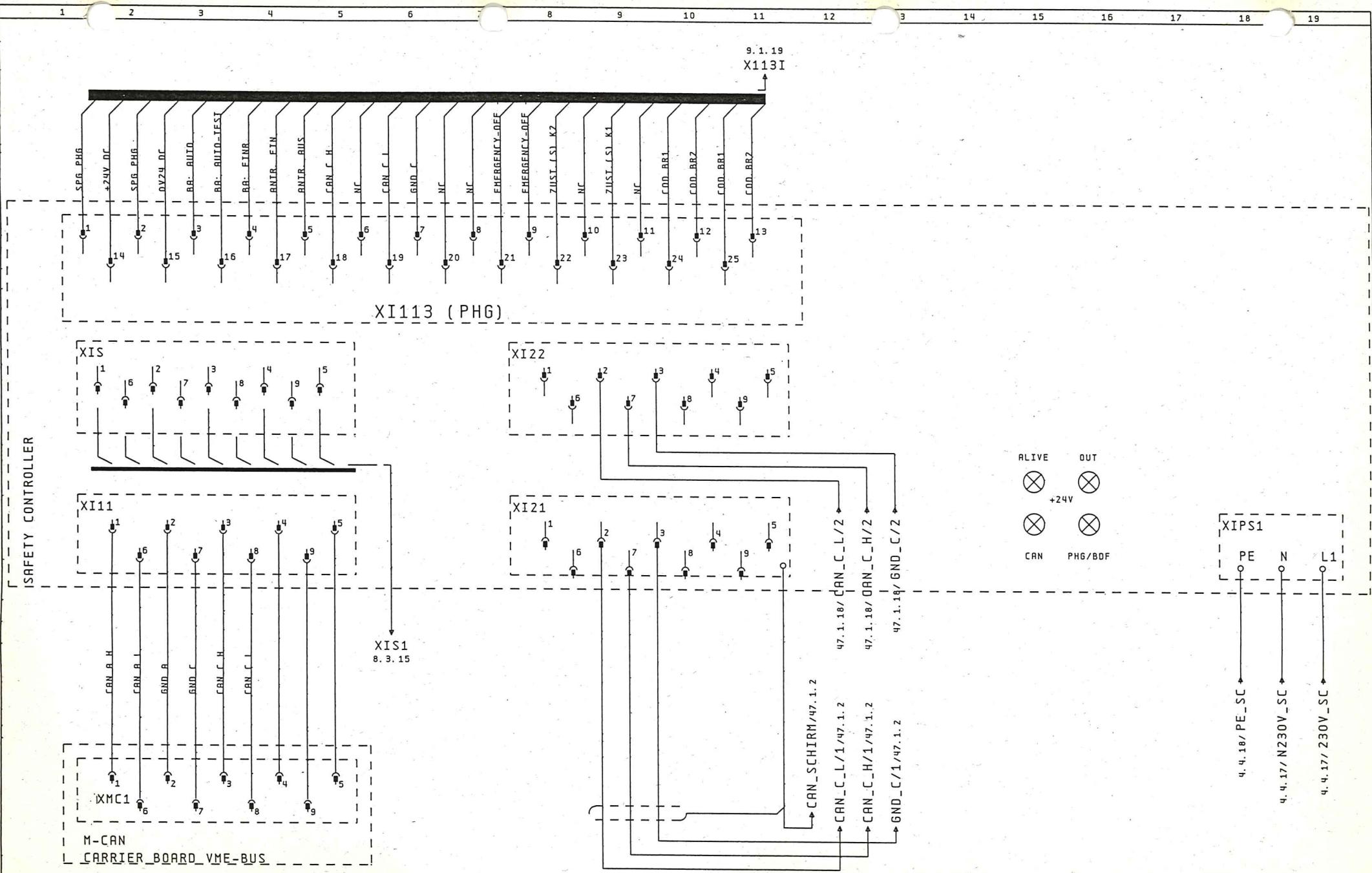


		Datum : 19.Aug.1999	Anlage: SRV6 ROBOT-STAR V	Titel: SAFETY-CONTROLLER LAYOUT	Zeichn.-Nr.: 013326	Com.-Nr.: 52.588.00	
		A. Dat.: 19.Aug.1999					
		Bearb.: B. JACOBI					
Anderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:	Firma: PLASMA MODULS OY	B1. 6 50 B1.



		Datum : 19. Aug. 1999	Anlage:		Titel:		Zeichn.-Nr.:	Com.-Nr.:	
		A. Dat.: 19. Aug. 1999		SRV6 ROBOT-STAR V			013326	52.588.00	
		Bearb.: B. JACOBI			Safety-CONTROLLER			Firma:	
Aenderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:		REIS	PLASMA MODULS OY	
						REIS ROBOTICS		Bl. 6.1	50 Bl.





	Datum : 19. Aug. 1999	Anlage:				
	A. Dat.: 19. Aug. 1999		SRV6 ROBOT-STAR V			
	Bearb.: B. JACOBI					
Änderung	Name	Gepr. :	Urspr. :	Ers. f.:	Ers. d.:	

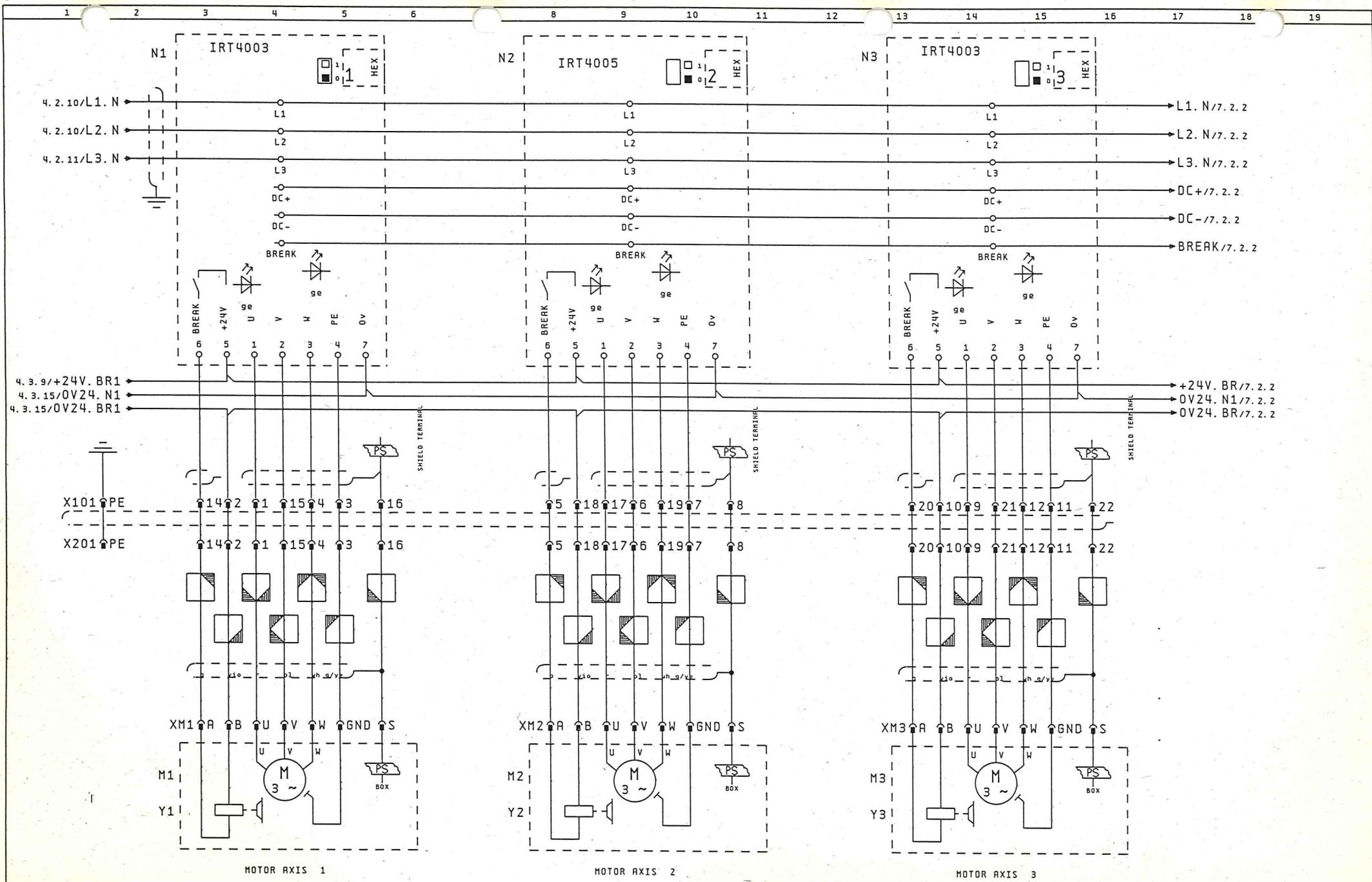
**REIS**  
REIS ROBOTICS

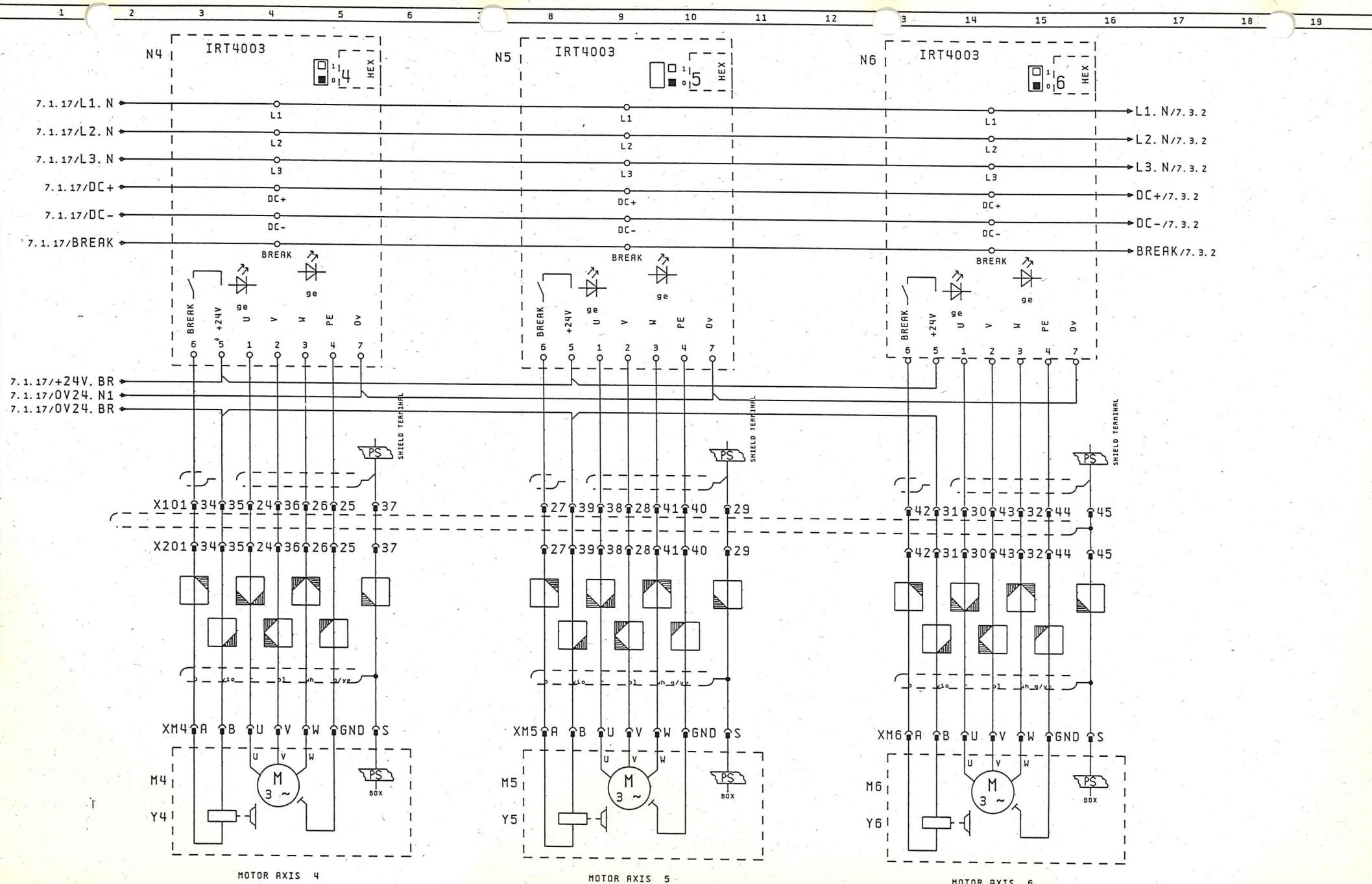
Zeichn.-Nr. :  
013326

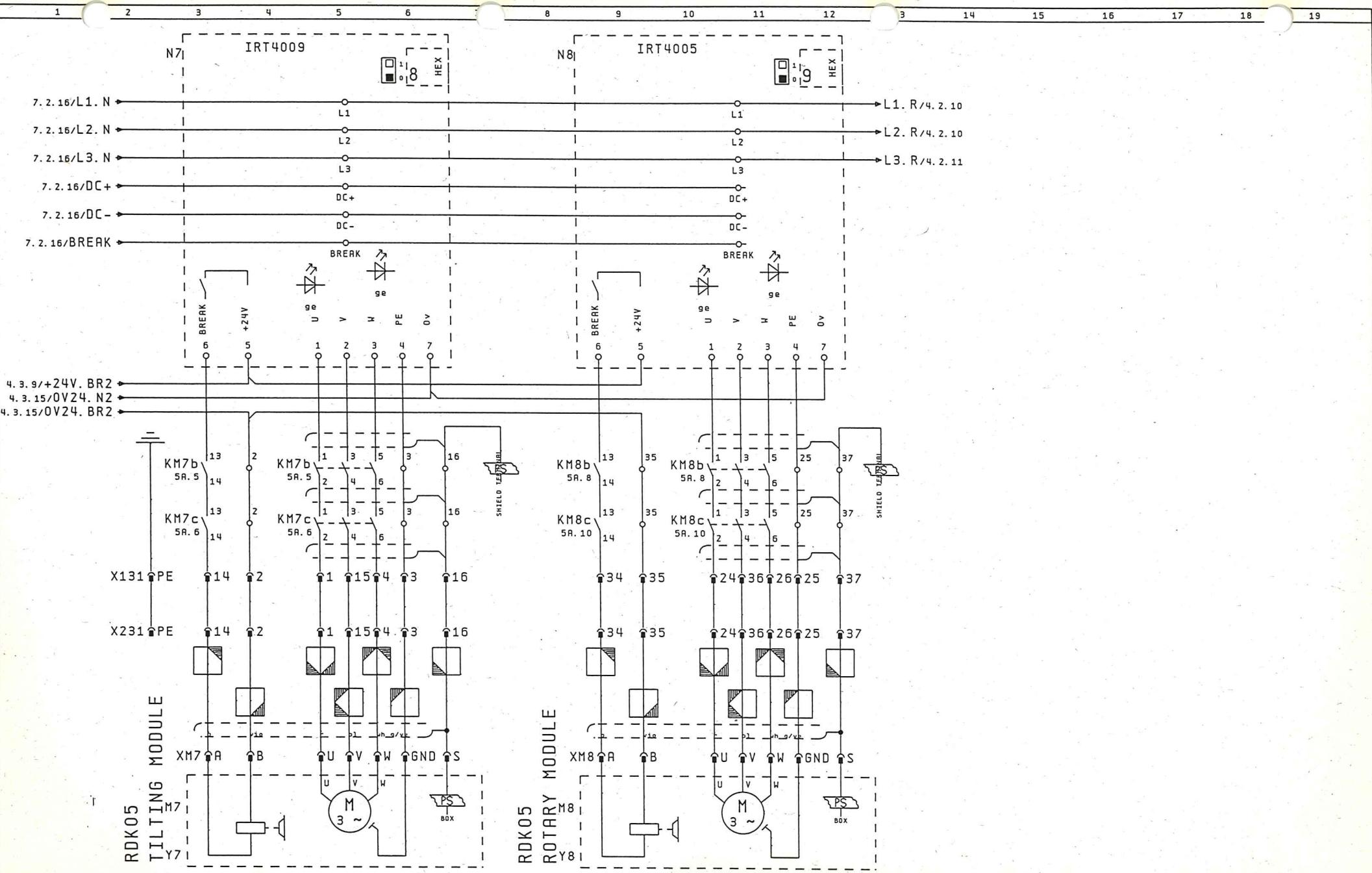
Com.-Nr. :  
52.588.00

Firma:  
PLASMA MODULS OY

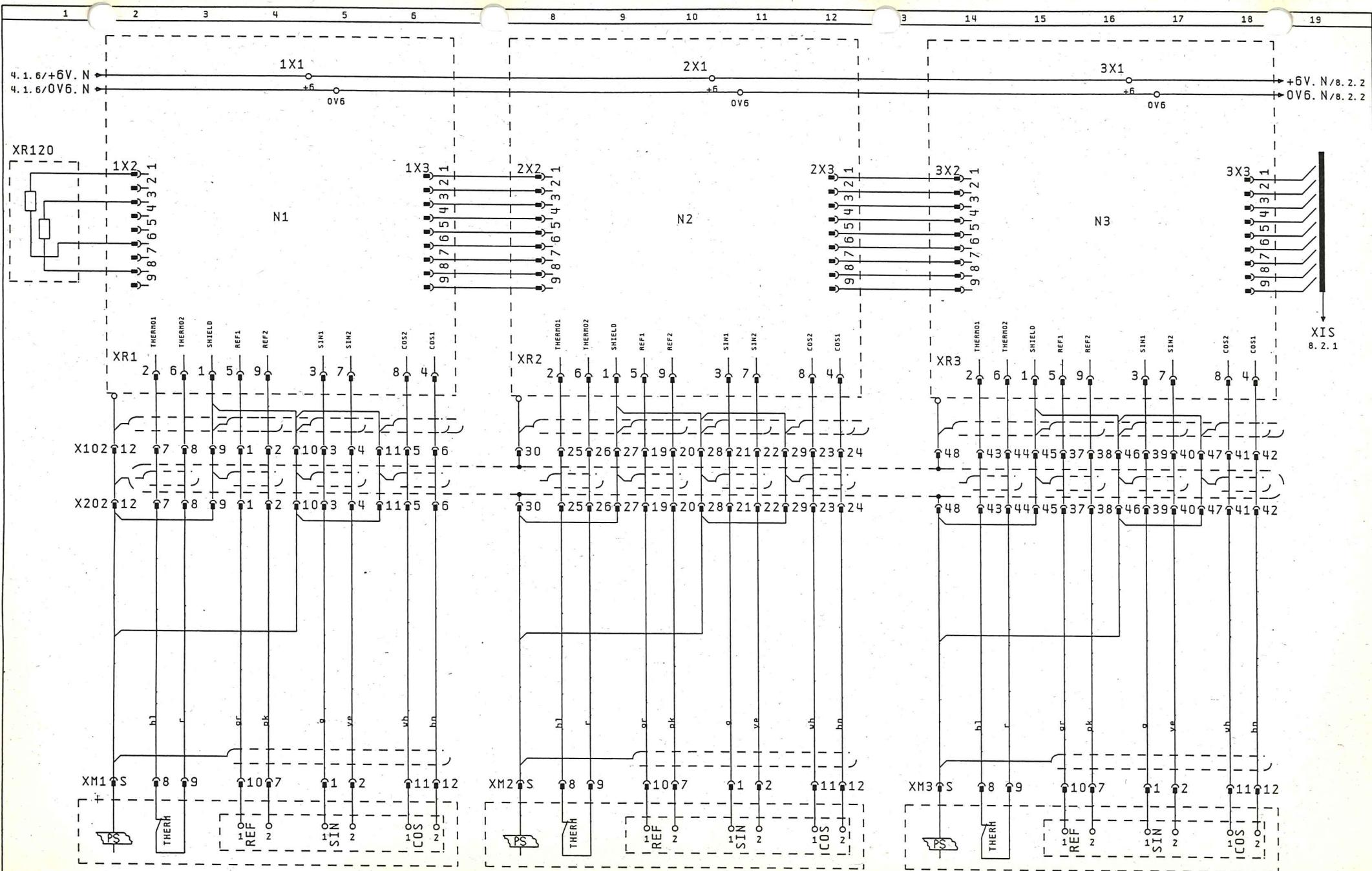
Bl. 6.3  
50 Bl.

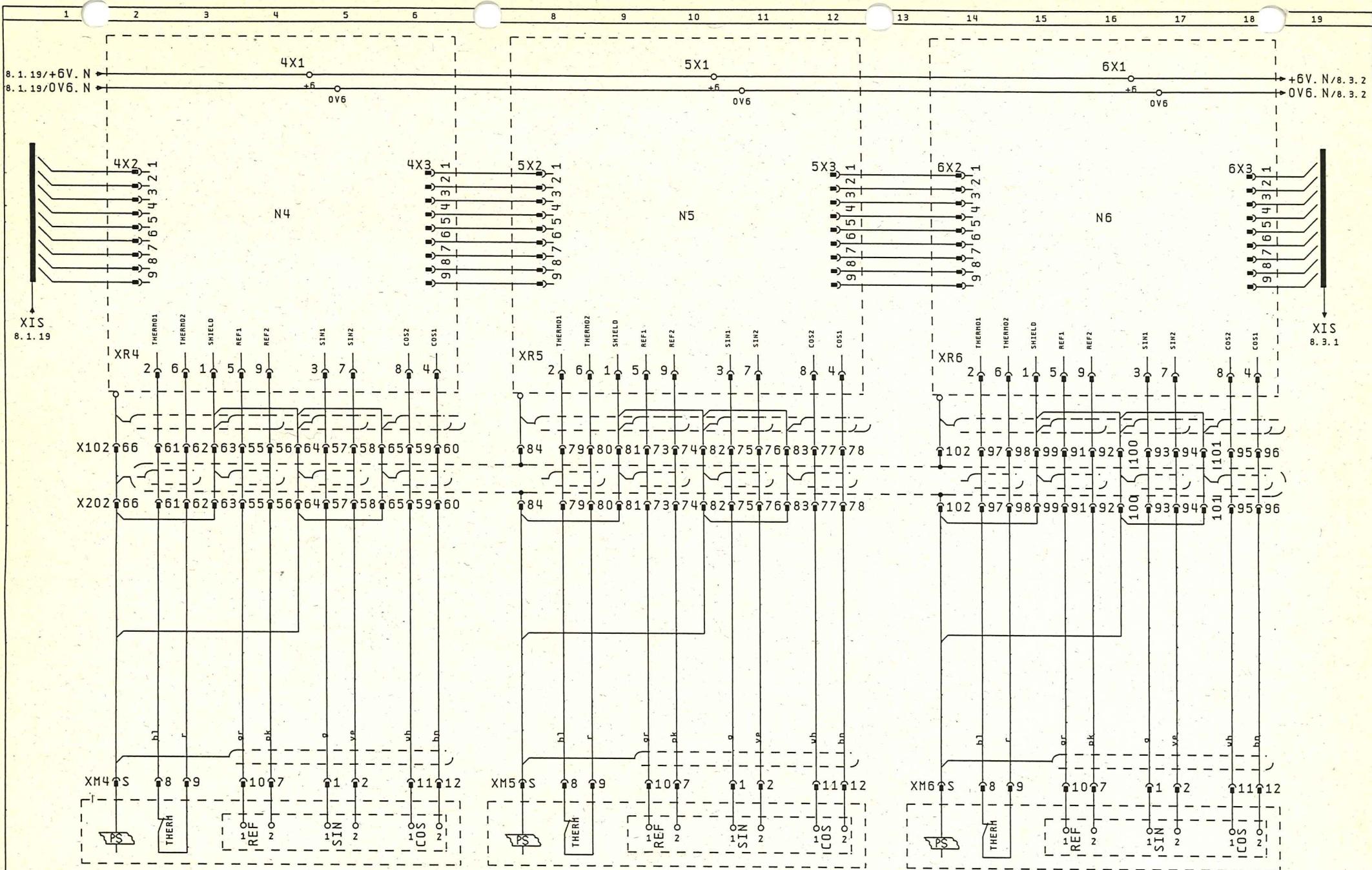






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	R. Dat.: 19. Aug. 1999		SRV6 ROBOT-STAR V	MOTOR RDK05	013326	52.588.00
	Bearb.: B. JACOBI					
Aenderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:	Firma:
					REIS ROBOTICS	PLASMA MODULS OY
						Bl. 7.3
						50 Bl.





RESOLVER AXIS 4

Datum : 19. Aug. 1999  
Anlage:  
A. Dat.: 18. Aug. 1999  
Bearb.: B. JACOBI

RESOLVER AXIS 5

Titel:  
RESOLVER AXIS 4-6

RESOLVER AXIS 6

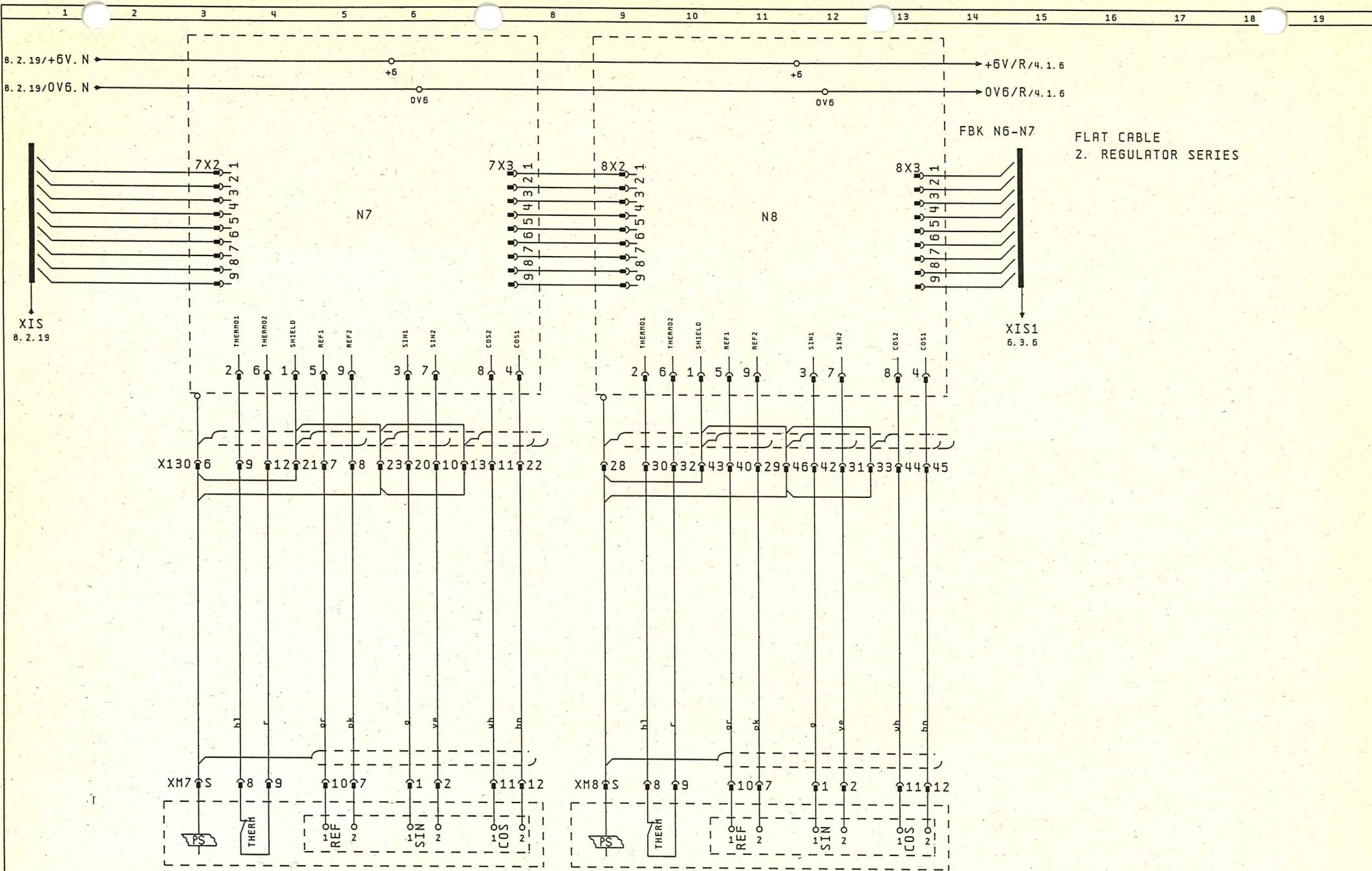
Zeichn.-Nr.: 013326  
Com.-Nr.: 52.588.00

Aenderung Name Gepr. : Urspr.: Ers. f. : Ers. d. :

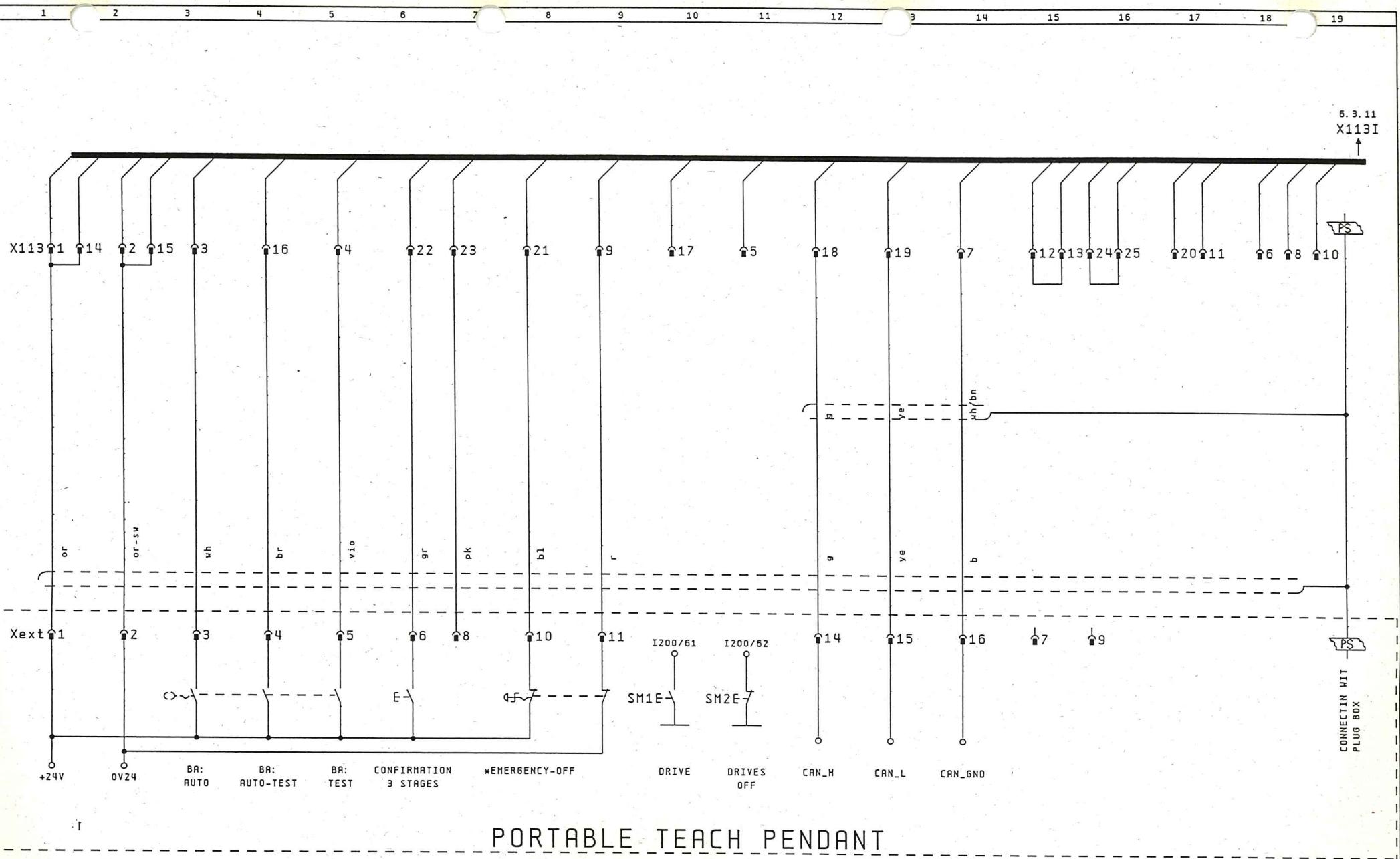
**REIS**  
REIS ROBOTICS

Firma:  
PLASMA MODULS OY

B1. 8.2  
50 B1.



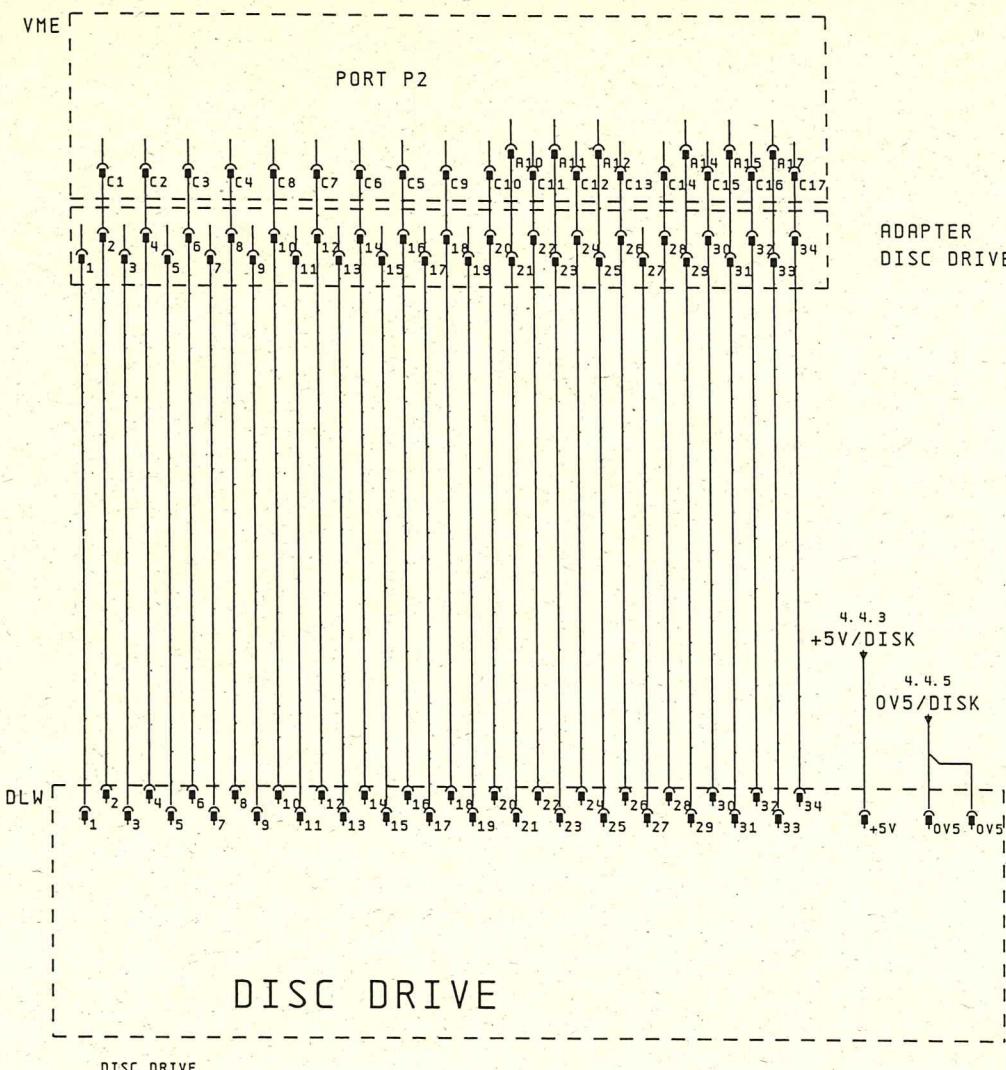
Aenderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:	REIS ROBOTICS	PLASMA MODULS OY
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X113=PLUG AT THE CONTROL CABINET  
Xext=PLUG IN PORTABLE TEACH PENDANT

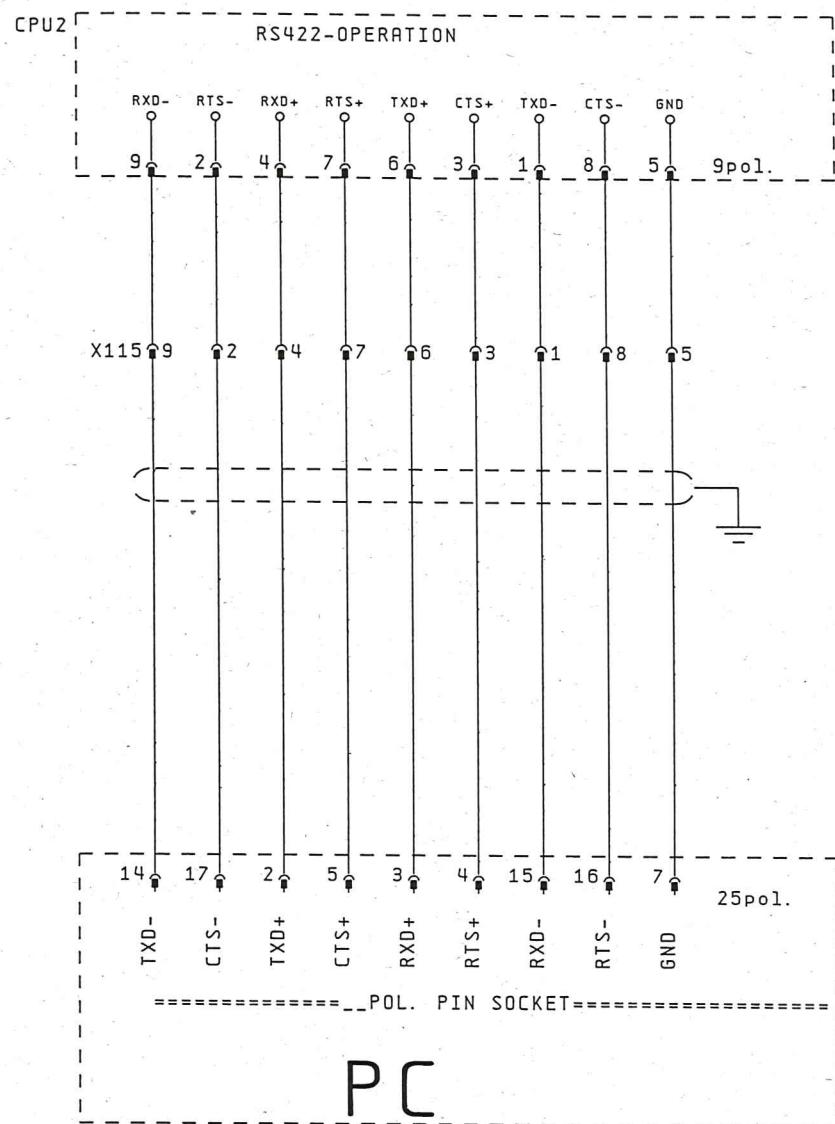
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		A. Dat.: 19. Aug. 1999				013326	52. 588. 00	
		Bearb.: B. JACOBI				Firma:	PLASMA MODULS OY	Bl. 9.1
Aenderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:			50 Bl.

1      2      3      4      5      6      7      8      9      10     11     12     13     14     15     16     17     18     19



		Datum : 19. Aug. 1999	Anlage: SRV6 ROBOT-STAR V	Titel: INTERFACE DISC DRIVE	 REIS ROBOTICS	Zeichn.-Nr.: 013326	Com.-Nr.: 52.588.00	
		A.Dat.: 18. Aug. 1999					Firma:	
		Bearb.: B. JACOBI		Ers. d.:			PLASMA MODULS OY	Bl. 9.2 50 B1.

1 2 3 4 5 6 7 8 9 10 11 12 3 14 15 16 17 18 19



X115=PLUG AT THE CONTROL CABINET  
DNC

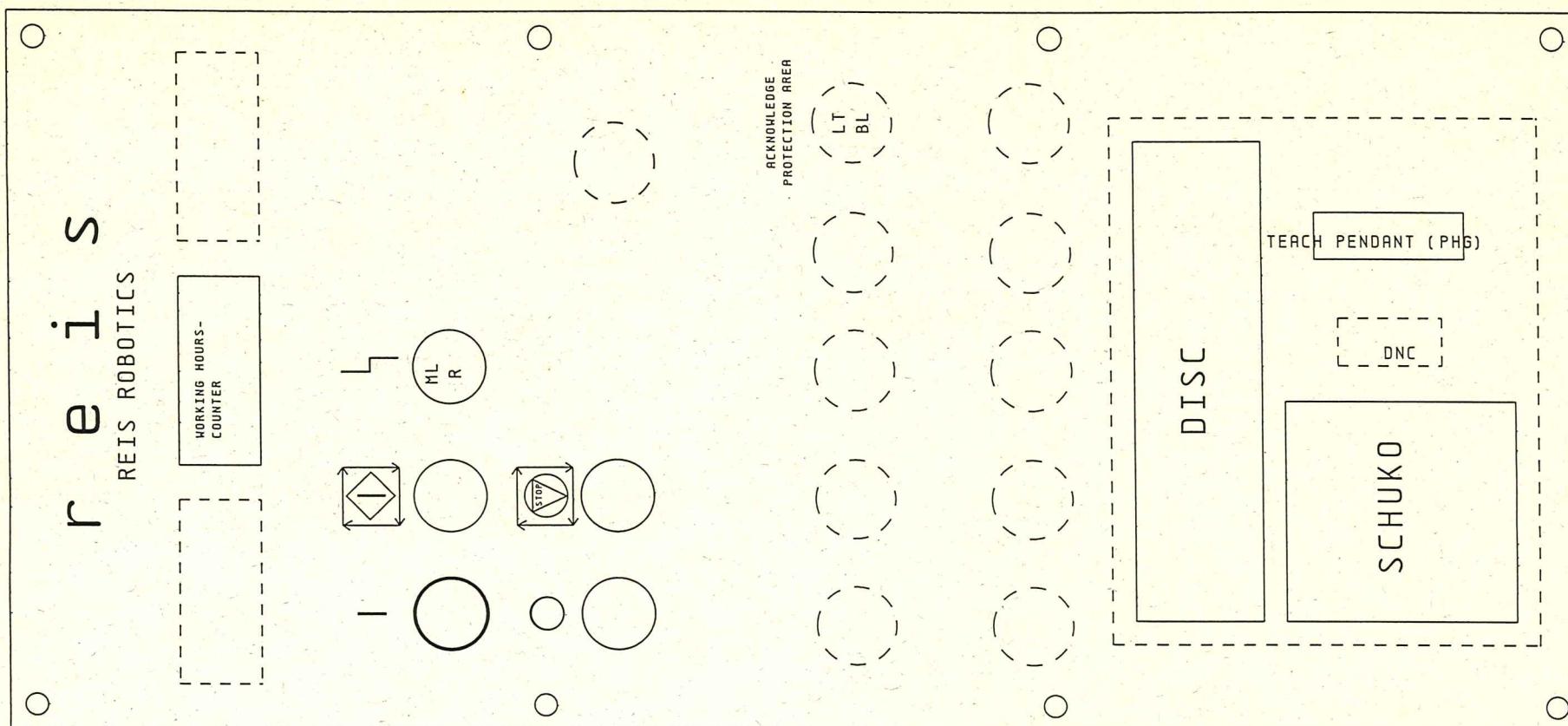
	Datum : 19. Aug. 1999	Anlage:		Titel:		Zeichn.-Nr.:	Com.-Nr.:	
	R. Dat.: 19. Aug. 1999		SRV6 ROBOT-STAR V			013326	52. 588. 00	
	Bearb.: B. JACOBI			DNC INTERFACE			Firma:	
Aenderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:	REIS	REIS ROBOTICS	Bl. 9.3
							PLASMA MODULS OY	50 Bl.

1 2 3 4 5 6 8 9 10 11 12 13 14 15 16 17 18 19

220

0

480



FRONT PLATE LETTERING ENGLISH

	Datum : 19. Aug. 1999	Anlage:		Titel:		Zeichn.-Nr.:	Com.-Nr.:	
	A. Dat.: 18. Aug. 1999		SRV6 ROBOT-STAR V			013326	52. 588. 00	
	Bearb.: B. JACOBI			OPERATING PANEL INTERNAL/EXTERNAL				
Anderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:		Firma:	
							PLASMA MODULS OY	Bl. 10 50 Bl.

BM3/OCAN

ER1.0	13.1.2
ER1.1	13.1.4
ER1.2	13.1.6
ER1.3	13.1.8
ER1.4	13.1.10
ER1.5	13.1.12 AXES 7+8 SWITCHED
ER1.6	13.1.14
ER1.7	13.1.16 BUFFERING

BM3/1CAN

AR1.00	13.5.2
AR1.10	13.5.4
AR1.20	13.5.6
AR1.30	13.5.8
AR1.40	13.5.10
AR1.50	13.5.12
AR1.60	13.5.14
AR1.70	13.5.16

		Datum : 19.Aug.1999	Hinlage: SRV6 ROBOT-STAR V	Titel:		Zeichn.-Nr.:	Com.-Nr.:	
		A.Dat.: 19.Aug.1999		CAN-BUS KEY PLAN MODULES IN CONTROL CABINET		013326	52.588.00	
		Bearb.: B.JACOBI					Firma:	
Aenderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:	REIS	PLASMA MODULS OY	B1. 12.1 50 B1.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

### BM5/1CAN

ERO.0O—	13B.6 POWER SOURCE COLLISION PROTECTION
ERO.1O—	13B.6 POWER SOURCE ARC ON*
ERO.2O—	13B.7
ERO.3O—	13B.8

### BM5/2CAN

ERO.4O—	13B.8 CONTACT SENSOR FOUND
ERO.5O—	13B.9
ERO.6O—	13B.10
ERO.7O—	13B.10

### BM5/6CAN

ARO.0O—	13C.2 POWER SOURCE WELDING ON
ARO.1O— <sup>5</sup>	13C.3 POWER SOURCE GAS ON

### BM5/7CAN

ARO.2O—	13C.5 POWER SOURCE PULSATION
ARO.3O—	13C.5 POWER SOURCE FAST PULSATION

### BM5/8CAN

ARO.4O—	13C.8 CONTACT SENSOR ON
ARO.5O—	13C.8 ION WELDING ON

### BM5/9CAN

ARO.6O—	13C.10 ION GAS ON
ARO.7O—	13C.11 ION POWDER ON

	Datum : 19. Aug. 1999	Anlage: SRV6 ROBOT-STAR V	Titel: CAN-BUS KEY PLAN POWER SOURCE	Zeichn.-Nr.: 013326	Lm.-Nr.: 52.588.00	
	A.dat.: 19. Aug. 1999					
	Bearb.: B. JACOBI					
Anderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:	REIS ROBOTICS Firma: PLASMA MODULS OY Bl. 12.2 50 Bl.

1 2 3 4 5 6 8 9 10 11 12 13 14 15 16 17 18 19

BM5/3CAN

AAR1O— 13B.11 REFERENCE VALUE POWER  
AAR2O— 13B.12 REFERENCE VALUE PULS CORRECTION

BM5/4CAN

AAR3O— 13B.13 REFERENCE VALUE RESERVE  
AAR4O— 13B.13 REFERENCE VALUE RESERVE

BM5/5CAN

AAR5O— 13B.15 REFERENCE VALUE RESERVE  
AAR6O— 13B.15 REFERENCE VALUE RESERVE

	Datum : 19.Aug.1999	Hinlage:		Titel:		Zeichn.-Nr.:	Com.-Nr.:	
	A. Dat.: 19.Aug.1999		SRV6 ROBOT-STAR V	CAN-BUS KEY PLAN		013326	52.588.00	
	Bearb.: B. JACOBI			POWER SOURCE			Firma:	
Aenderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:	REIS	PLASMA MODULS OY	Bl. 12.3
						REIS ROBOTICS		50 Bl.

1      2      3      4      5      6      7      8      9      10      11      12      13      14      15      16      17      18      19

M-B-M-C

## INPUT

BYTE: 1/1

BM3 / 058

12.1.2  
ER1.0  
Q

12. 1. 2  
ER1. 1  
Q

12. 1. 2  
ER1. 2  
Q

12.1  
ER1.  
Q

12.  
ER

1  
B

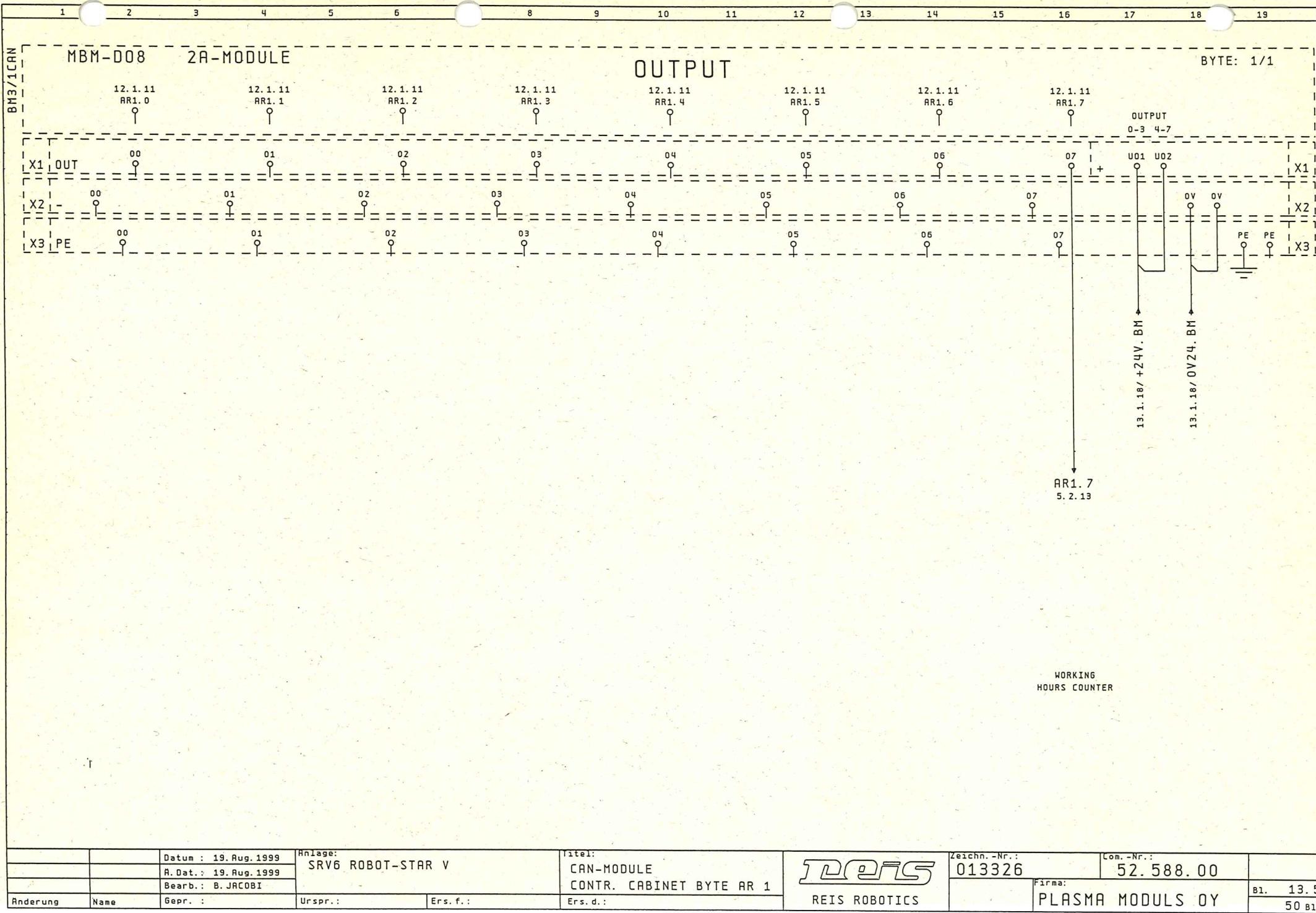
12.

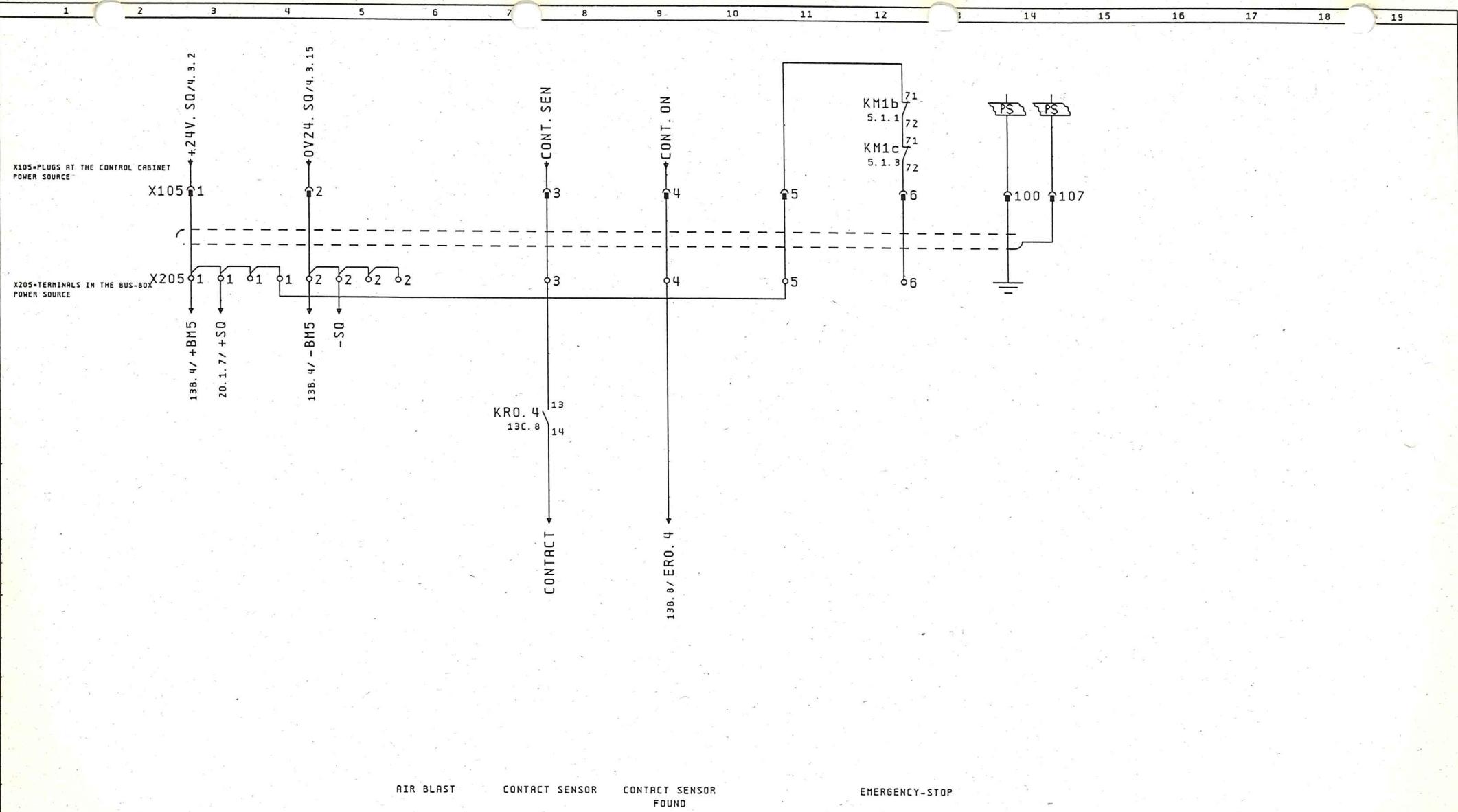
The schematic diagram illustrates a complex logic circuit. It features three main input terminals labeled X1, X2, and X3. The X1 terminal is connected to an IN pin and a 74144 decoder. The X2 terminal is connected to a + pin and a 74148 decoder. The X3 terminal is connected to a - pin. The 74144 decoder has eight output pins labeled 00 through 07. The 74148 decoder has four output pins labeled 00 through 03. The circuit also includes a 74148 decoder, a 74144 decoder, and various logic gates (e.g., AND, OR, NOT). Power supplies OV24V, OV24I, and PE are connected to the circuit. A vertical arrow on the right indicates the flow of signal 5R. 10 / ER1.5 to 4. 1. 7 / ER1.7.

AXES 7+8  
SWITCHED

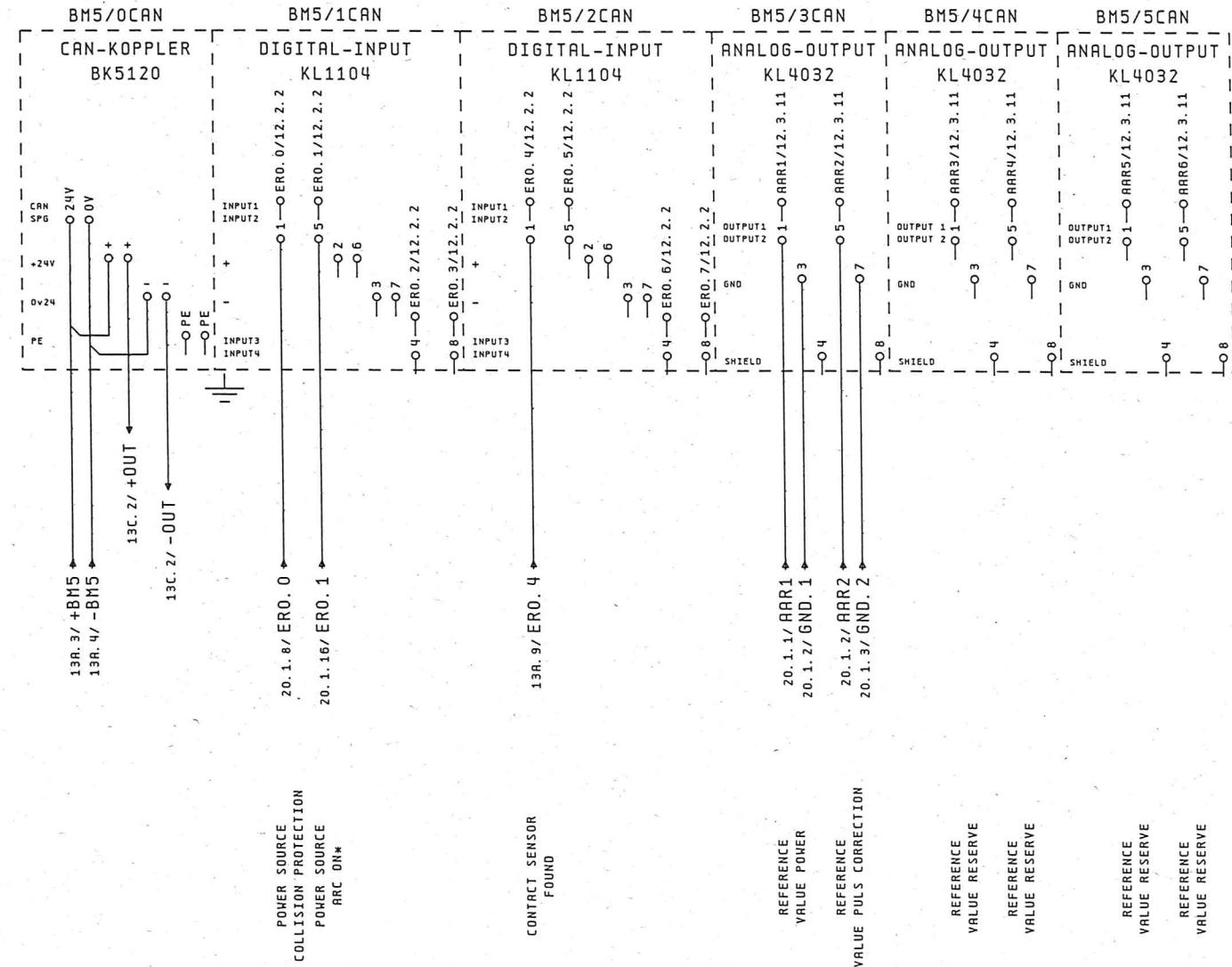
## BUFFERING

		Datum : 19. Aug. 1999	Anlage: SRV6 ROBOT-STAR V	Titel: CAN-MODULE CONTR. CABINET BYTE ER 1	 REIS ROBOTICS	Zeichn.-Nr.:	Com.-Nr.:	
		A.Dat.: 19. Aug. 1999				013326	52.588.00	
		Bearb.: B. JACOBI				Firma:	PLASMA MODULS OY	B1. 13.1
Aenderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:			50 B1.

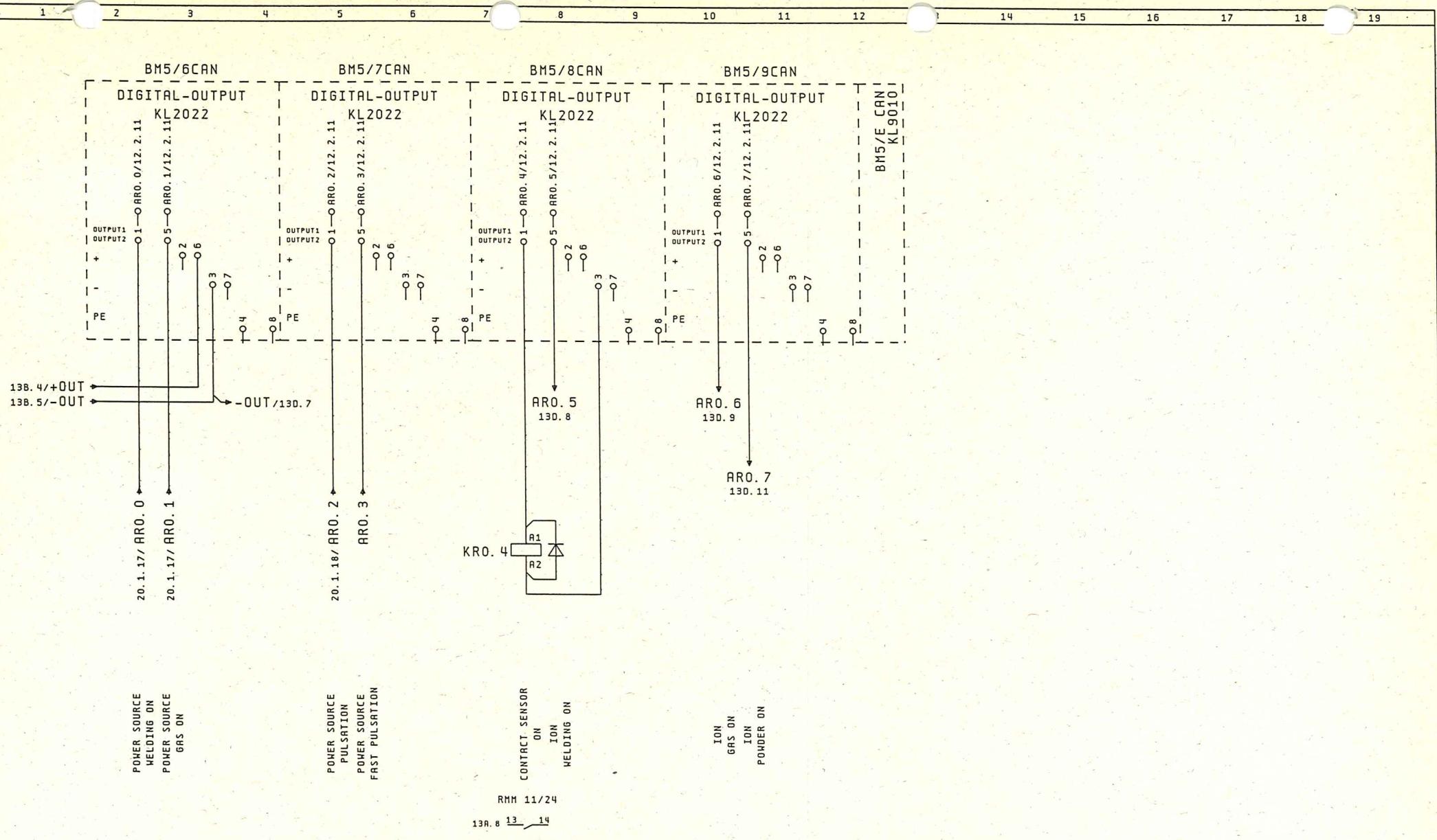




		Datum : 19. Aug. 1999	Anlage: SRV6 ROBOT-STAR V	Titel: VOLTAGE SUPPLY POWER SOURCE	 REIS ROBOTICS	Zeichn.-Nr.: 013326	Com.-Nr.: 52. 588. 00	
		A.Dat.: 18. Aug. 1999						
		Bearb.: B. JACOBI						
Aenderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:	Firma: PLASMA MODULS OY	B1. 13A 50 B1.	

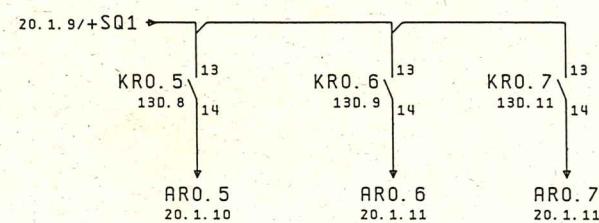
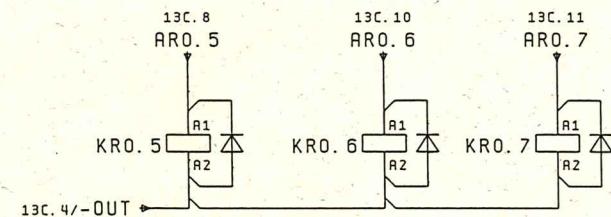


		Datum : 19. Aug. 1999	Anlage: SRV6 ROBOT-STAR V	Titel: CAN-BUS-MODULES POWER SOURCE	 REIS ROBOTICS	Zeichn.-Nr.: 013326	Com.-Nr.: 52.588.00	
		A.Dat.: 19. Aug. 1999						
		Bearb.: B. JACOBI					Firma: PLASMA MODULS OY	
Aenderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:			B1. 13B 50 B1.



		Datum : 19. Aug. 1999	Hinlage:		Zeichn.-Nr.:	
		A. Dat.: 19. Aug. 1999			013326	Com.-Nr.:
		Bearb.: B. JACOBI				52. 588. 00
Aenderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:	Firma:
					REIS ROBOTICS	PLASMA MODULS OY
						B1. 13C
						50 B1.

1 2 3 4 5 6 8 9 10 11 12 13 14 15 16 17 18 19



ION  
WELDING ON

ION  
GAS ON

ION  
POWDER ON

RMM 11/24

RMM 11/24

RMM 11/24

130.8 13 14

130.9 13 14

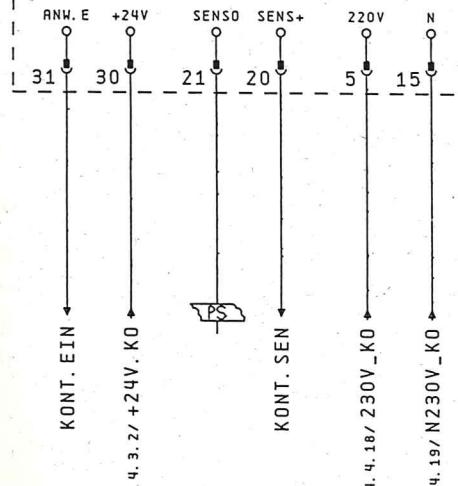
130.11 13 14

		Datum : 19.Aug.1999	Hinlage: A.Dat.: 19.Aug.1999		Titel: COUPLING RELAYS		Zeichn.-Nr.: 013326	Com.-Nr.: 52.588.00	
		Bearb.: B.JACOBI							
Anderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:				
						REIS	Firma: PLASMA MODULS OY		B1. 13D 50 B1.

(IN CONTROL CABINET)

U2

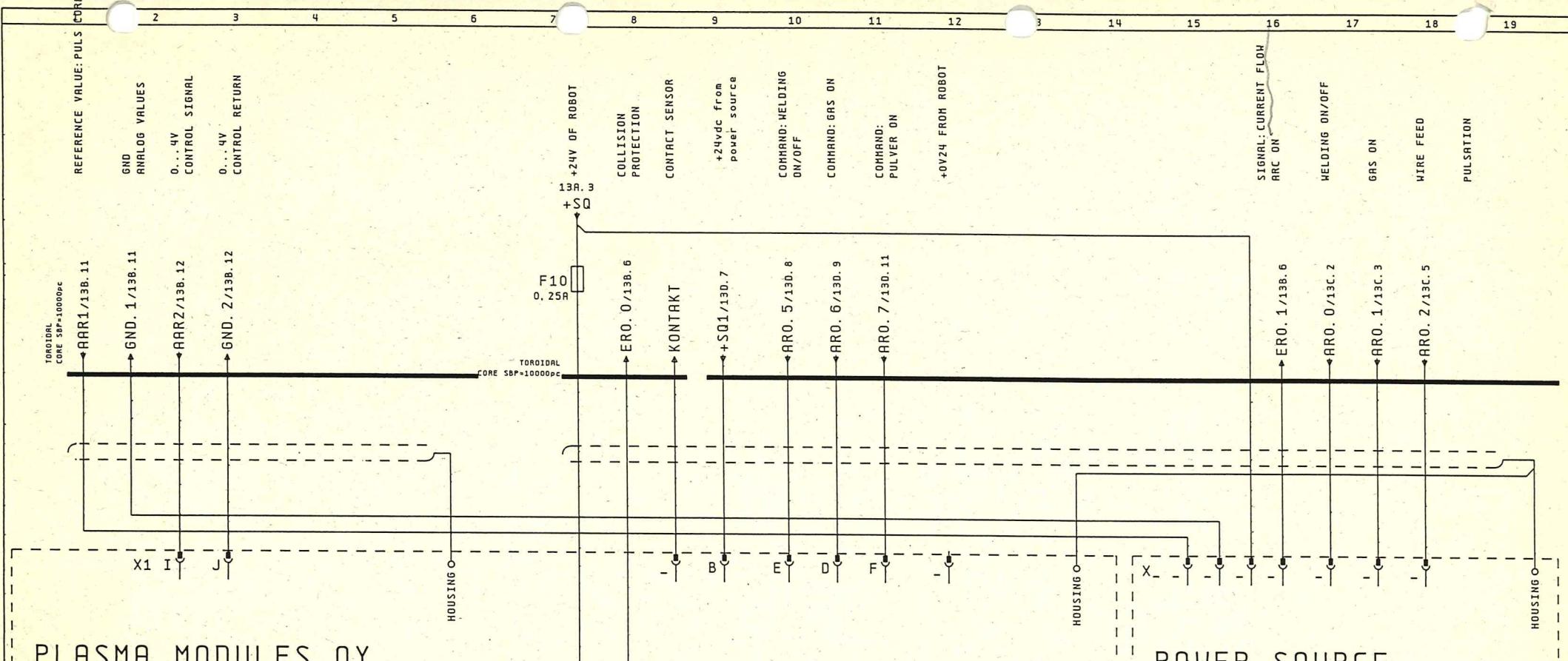
**CONTACT SENSOR-CARD**



CONTACT SENSOR  
PART RECOGNIZED

CONTACT  
-SENSOR  
AT THE TORCHE

		Datum : 19. Aug. 1999	Anlage:		Titel:		Zeichn.-Nr.:	Com.-Nr.:	
		A. Dat.: 18. Aug. 1999	SRV6 ROBOT-STAR V		CONTACT SENSOR		013326	52. 588. 00	
		Bearb.: B. JACOBI							
Aenderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:			Firma:	
						REIS ROBOTICS	PLASMA MODULS OY		B1. 15.1 50 b1.



	Datum : 19. Aug. 1999	Hinlage: SRV6 ROBOT-STAR V	Titel: PLASMA MODULES OY ION POWER SOURCE	Zeichn.-Nr.: 013326	Com.-Nr.: 52.588.00
	A. Dat.: 19. Aug. 1999				
	Bearb.: B. JACOBI				
Anderung	Name	Gepr. :	Urspr. : Ers. f.:	Ers. d.:	Firma: PLASMA MODULS OY
					Bl. 20.1 50 Bl.

## S T Ü C K L I S T E

REISSTKD 05.02.1998

Bauteilbezeichnung	Menge	Bezeichnung / Typennummer	Hersteller	REIS-Identnummer	Seite Pfad
CPU	1. 0	CPU-60D/32/CX STANDARD	FORCE COMPUTERS GMBH	2363879	3. 2. 2
MCAN	1. 0	M-MODULE MCAN	MEGATEC ELECTRONIC GMBH	2139923	3. 2. 4
MODULTRÄGER	1. 0	M-MODULE CARRIER BOARD I4000NP2	WEIZA GMBH	1766980	3. 2. 3
F0	1. 0	FUSE TERMINAL ZSI 2,5 161640	WEIDMUELLER GMBH	2139139	4. 1. 4
F0	1. 0	PARTITION WALL ZAP/TW3 160880	WEIDMUELLER GMBH	2139162	4. 1. 4
F0	1. 0	PARTITION WALL ZAP TNHE/ZS/161084	WEIDMUELLER GMBH	2139766	4. 1. 4
F0_R	1. 0	FUSE1 A T 5X20 FST0034. 3117	I-CENTER	43935	4. 1. 4
G0	1. 0	MAINS SUPPLY + ACCUMULATOR L1006	CONRAD ELECTRONIC GMBH	2164970	4. 1. 4
G0b	1. 0	DRYFIT-AKKU 12V/ 3,5AH. 254096-55	CONRAD ELECTRONIC GMBH	1727008	4. 1. 4
Q1	1. 0	MAIN SWITCH KG 32B T203/01 E	DEUTSCHE SOLENOID	31971	4. 1. 1
Q2	1. 0	MOTOR PROTECTIVE SWITCH GV2-M05 0. 63-1A	SCHNEIDER ELECTRIC GMBH	1387423	4. 2. 3
Q2	1. 0	COLLECTING BAR SYSTEM GV1-G08	SCHNEIDER ELECTRIC GMBH	1387597	4. 2. 3
Q3	1. 0	MOTOR PROTECTIVE SWITCH GV2-RT10 4. 0-6. 3A	SCHNEIDER ELECTRIC GMBH	1926139	4. 2. 6
T1	1. 0	DC-SUPPLY 039 P: 400V S: 24VDC, 15A	KOENIG-WOERLE-BEER	1388231	4. 2. 3
Z0	1. 0	SUPPRESSOR 7A FN258- 7-07	SCHAFFNER ELEKTRONIK GMBH	1766857	4. 2. 6
F2	1. 0	N-INSTALLATION-AUTOMAT: 1P. 5SDA2-104-7	SIEMENS	436030	4. 3. 1
F3	1. 0	N-INSTALLATION-AUTOMAT: 1P. 5SDA2-104-7	SIEMENS	436030	4. 3. 5
F4	1. 0	N-INSTALLATION-AUTOMAT: 1P. 5SDA2 106-7	SIEMENS	635904	4. 3. 8
E1	1. 0	FILTER FAN SK 3325. 100	RITTAL-WERK	1284901	4. 4. 6
F1	1. 0	N-INSTALLATION-AUTOMAT: 1P. 5SDA2 110-7	SIEMENS	809731	4. 4. 2
G1	1. 0	VME-RACK 2SLOT 6HE/16TE 9999111	RITTAL-WERK	2141077	4. 4. 1
G1	7. 0	END SLEEVE H 0. 75/14 WEISS 046290	WEIDMUELLER GMBH	44925	4. 4. 1
G1	3. 000. 0	OELFLEX-110 TROMM. 3X0. 75 0019010	SAB SIGNAL-ANLAGEN	745	4. 4. 1
KM1b	1. 0	CONTACTOR LP1 D12 10BD	SCHNEIDER ELECTRIC GMBH	99572	5. 1. 1
KM1b	1. 0	AUXILIARY SWITCH BLOCK LA1 DN22	SCHNEIDER ELECTRIC GMBH	91405	5. 1. 1
KM1b	1. 0	OVERLOAD VOLTAGE LIMITATOR LD -S1-1 700445	LUETZE FRIEDRICH GMBH	743203	5. 1. 1
KM1c	1. 0	CONTACTOR LP1 D12 10BD	SCHNEIDER ELECTRIC GMBH	99572	5. 1. 3
KM1c	1. 0	AUXILIARY SWITCH BLOCK LA1 DN22	SCHNEIDER ELECTRIC GMBH	91405	5. 1. 3
KM1c	1. 0	OVERLOAD VOLTAGE LIMITATOR LD -S1-1 700445	LUETZE FRIEDRICH GMBH	743203	5. 1. 3
HB1	1. 0	SOCKET LAMP RED ZB2-BV04	SCHNEIDER ELECTRIC GMBH	26484	5. 2. 14
HB1	1. 0	SOCKET PILOT LAMP ZB2-BV6	SCHNEIDER ELECTRIC GMBH	26518	5. 2. 14
HB1	1. 0	BULB BA 28V/40ma SD4398518	BRAUN GMBH & CO KG	1851816	5. 2. 14
HB1	1. 0	ALUMINIUM PLATE 30X50X1,0 BOHRUNG 22,5	KUENKLER EGON GMBH	443598	5. 2. 14
PRO. 7	1. 0	WORKING HOURS COUNTER 24VDC 891 321	FRANZ J. ING. BUERO	1851642	5. 2. 13
PRO. 7	1. 0	INSTALLATION FRAME 2 405 218	FRANZ J. ING. BUERO	1851659	5. 2. 13
SQWT1	1. 0	LUMINOUS KEY BLUE ZB2-BW36	SCHNEIDER ELECTRIC GMBH	133686	5. 2. 8
SQWT1	1. 0	SOCKET LUMINOUS KEY ZB2-BW065	SCHNEIDER ELECTRIC GMBH	26542	5. 2. 8
SQWT1	1. 0	BULB BA 28V/40ma SD4398518	BRAUN GMBH & CO KG	1851816	5. 2. 8

	Datum : 19. Aug. 1999	Anlage: SRV6 ROBOT-STAR V	Titel: PARTS LIST	Zeichn.-Nr.: 013326	Com.-Nr.: 52. 588. 00	
	A. Dat.: 19. Aug. 1999					
	Bearb.: B. JRCOBI					
Aenderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:	REIS ROBOTICS
						Firma: PLASMA MODULS OY
						B1. 35
						50 Bl.

## S T Ü C K L I S T E

REISSTKD 05.02.1998

Bauteilbezeichnung	Menge	Bezeichnung / Typennummer	Hersteller	REIS-Identnummer	Seite Pfad
SQWT1	1,0	ALUMINIUM PLATE 30X50X1,0 BOHRUNG 22,5	KUENKLER EGON GMBH	443598	5.2.8
KBE1	1,0	SAFTY SWITCH UNIT SRB-NA-R-C15-24V	ELAN-SCHALTELEMENTE	1766832	5A.14
KM7	1,0	SAFTY SWITCH UNIT TIME SRB-NA-R-C16-24V	ELAN-SCHALTELEMENTE	1766600	5A.2
KM7b	1,0	CONTACTOR LP1 D09 10BD	SCHNEIDER ELECTRIC GMBH	1223172	5A.5
KM7b	1,0	AUXILIARY SWITCH BLOCK LA1 DN31	SCHNEIDER ELECTRIC GMBH	934737	5A.5
KM7b	1,0	OVERLOAD VOLTAGE LIMITATOR LD -S1-1 700445	LUETZE FRIEDRICH GMBH	743203	5A.5
KM7c	1,0	CONTACTOR LP1 D09 10BD	SCHNEIDER ELECTRIC GMBH	1223172	5A.8
KM7c	1,0	AUXILIARY SWITCH BLOCK LA1 DN31	SCHNEIDER ELECTRIC GMBH	934737	5A.8
KM7c	1,0	OVERLOAD VOLTAGE LIMITATOR LD -S1-1 700445	LUETZE FRIEDRICH GMBH	743203	5A.8
KM8b	1,0	CONTACTOR LP1 D09 10BD	SCHNEIDER ELECTRIC GMBH	1223172	5A.6
KM8b	1,0	AUXILIARY SWITCH BLOCK LA1 DN31	SCHNEIDER ELECTRIC GMBH	934737	5A.6
KM8b	1,0	OVERLOAD VOLTAGE LIMITATOR LD -S1-1 700445	LUETZE FRIEDRICH GMBH	743203	5A.6
KM8c	1,0	CONTACTOR LP1 D09 10BD	SCHNEIDER ELECTRIC GMBH	1223172	5A.6
KM8c	1,0	AUXILIARY SWITCH BLOCK LA1 DN31	SCHNEIDER ELECTRIC GMBH	934737	5A.10
KM8c	1,0	OVERLOAD VOLTAGE LIMITATOR LD -S1-1 700445	LUETZE FRIEDRICH GMBH	743203	5A.10
N1	1,0	REGULATOR 4003	I R T SA	2138602	7.1.3
N2	1,0	REGULATOR 4005		2138610	
N3	1,0	REGULATOR 4003	I R T SA	2138602	7.1.8
N4	1,0	REGULATOR 4003	I R T SA	2138602	7.1.13
N5	1,0	REGULATOR 4003	I R T SA	2138602	7.2.3
N6	1,0	REGULATOR 4003	I R T SA	2138602	7.2.8
N7	1,0	REGULATOR 4009		2138628	7.2.13
N8	1,0	REGULATOR 4005		2138610	7.3.3
XR120	1,0	FINAL RESISTOR XR120 CAN-BUS		2140533	7.3.9
FBKN6-N7	1,0	CONNECTION CABLE CAN-BUS TWIS. P 10POL.		2363218	8.1.1
DLW	1,0	DISC DRIVE 3.5" 1.44 MB HELL, MITSUBISHI	LION ELECTRONICS INTERNATIONAL	2130047	8.3.15
DLW	1,0	POWER SUPPLY PLUG DISC-D. SVK3	REICHELT ELEKTRONIK	2139980	9.2.4
DLW	1.200,0	LIYCY 3X0,5 /55 GESAMTSCHIRM	WEYDEMAYER GMBH	955054	9.2.4
DLW	1,0	INTERFACE ADJACENT BOX	RITTAL-WERK	2139931	9.2.4
VME	1,0	DISC DRIVE-ADAPTER RSV	MEGATEC ELECTRONIC GMBH	2139949	9.2.4
BM3/0CAN	1,0	CAN-BUS NODE 8DI MBM-C 55900	MURRELEKTRONIK GMBH	2140541	13.1.1
BM3/0CAN	1,0	CAN-TERMINAL BLOCK FOR MBM-C 55977	MURRELEKTRONIK GMBH	2363259	13.1.1
BM3/1CAN	1,0	CAN-DIG. OUTPUT MODULE MBMD0 8/2A 55924	MURRELEKTRONIK GMBH	2290098	13.5.1
BM3/1CAN	1,0	CAN-TERMINAL BLOCK FOR MBMD0 8/0,5 55956	MURRELEKTRONIK GMBH	2140616	13.5.1
BM5/0CAN	1,0	CAN-BUS COUPLER BK 5120		2364281	13B.3
BM5/1CAN	1,0	CAN-DIG. INPUT TERMINALS 4 KL 1104		2364299	13B.5
BM5/2CAN	1,0	CAN-DIG. INPUT TERMINALS 4 KL 1104		2364299	13B.8
BM5/3CAN	1,0	CAN-ANA. OUTPUT TERMINALS 2 KL 4032		2364323	13B.10
BM5/4CAN	1,0	CAN-ANA. OUTPUT TERMINALS 2 KL 4032		2364323	13B.12

Datum : 19. Aug. 1999	Anlage:	SRV6 ROBOT-STAR V	Titel:	PARTS LIST	Zeichn.-Nr.:	013326	Com.-Nr.:	52.588.00		
A. Dat.: 19. Aug. 1999										
Bearb.: B. JACOBI										
Aenderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:	REIS ROBOTICS			Firma:	PLASMA MODULS OY
									B1.	36
									50 B1.	

# S. T Ü C K L I S T E

REISSTKD 05.02.1998

Bauteilbezeichnung	Menge	Bezeichnung / Typennummer	Hersteller	REIS-Identnummer	Seite Pfad
BM5/5CAN	1,0	CAN-ANA.OUTPUT TERMINALS 2 KL 4032		2364323	13B. 14
BM5/6CAN	1,0	CAN-DIG.OUTPUT TERMINALS 2 KL 2022		2216481	13C. 2
BM5/7CAN	1,0	CAN-DIG.OUTPUT TERMINALS 2 KL 2022		2216481	13C. 4
BM5/8CAN	1,0	CAN-DIG.OUTPUT TERMINALS 2 KL 2022		2216481	13C. 7
BM5/9CAN	1,0	CAN-DIG.OUTPUT TERMINALS 2 KL 2022		2216481	13C. 10
BM5/E CAN	1,0	CAN-BUSENDTERMINAL KL 9010		2364349	13C. 12
KRO. 4	1,0	RELAY COUPLER 1S RMM 11/24 51851	MURRELEKTRONIK GMBH	1626770	13C. 8
U2	1,0	CONTACT SENSOR BOARD 7500.379.502	MEGATEC ELECTRONIC GMBH	749424	15. 1. 1
U2	1,0	BOARD PLATE SKB131 2201519	PHOENIX CONTACT	834739	15. 1. 1
F10	1,0	FUSE TERMINAL ASK1/35LD 24V022276	WEIDMUELLER GMBH	676346	20. 1. 7
F10	1,0	FUSE 250MA T 5X20 FST0034.3111	SCHURTER GMBH	43901	20. 1. 7
X101	1,0	ADD-ON HOUSING 09 30 024 0301	HARTING ELEKTRONIK	338046	46. 1. 1
X101	1,0	SOCKET PLUG 09 32 046 3109	HARTING ELEKTRONIK	2139220	46. 1. 1
X101	1,0	PIN-PLUG 09 32 046 3009	HARTING ELEKTRONIK	2139238	46. 1. 1
X101	1,0	SOCKET HOUSING 09 30 024 0521	HARTING ELEKTRONIK	1170688	46. 1. 1
X101-->X201	10.000,0	OELFLEX-110 CY 41X1,0 0035541	WEYDEMAYER GMBH	1476903	46. 1. 1
X102	1,0	ADD-ON HOUSING 09 30 024 0301	HARTING ELEKTRONIK	338046	46. 1. 2
X102	1,0	SOCKET PLUG 09 16 108 3101	HARTING ELEKTRONIK	1170647	46. 1. 2
X102	1,0	PIN-PLUG 09 16 108 3001	HARTING ELEKTRONIK	1170639	46. 1. 2
X102	1,0	SOCKET HOUSING 09 30 024 0521	HARTING ELEKTRONIK	1170688	46. 1. 2
X102-->X202	10.000,0	LIYCY-CY 24X2X0, 25/28 PAAR+GES. SCHIRM	WEYDEMAYER GMBH	1171637	46. 1. 2
X105	1,0	ADD-ON HOUSING 09 30 024 0301	HARTING ELEKTRONIK	338046	46. 1. 10
X105	1,0	SOCKET PLUG 09 16 108 3101	HARTING ELEKTRONIK	1170647	46. 1. 10
X105	1,0	PIN-PLUG 09 16 108 3001	HARTING ELEKTRONIK	1170639	46. 1. 10
X105	1,0	SOCKET HOUSING 09 30 024 0521	HARTING ELEKTRONIK	1170688	46. 1. 10
X105-->STROMQUELLE	10.000,0	OELFLEX-110 CY 7X1,5 0025041	MAINLAND GMBH	740324	46. 1. 10
X105-->STROMQUELLE	10.000,0	CAN-BUS-LTG. 104207 3X2X0, 25 PVC	LUETZE FRIEDRICH GMBH	2363366	46. 1. 10
X130	1,0	ADD-ON HOUSING 09 30 024 0301	HARTING ELEKTRONIK	338046	46. 1. 6
X130	1,0	SOCKET PLUG 09 32 046 3109	HARTING ELEKTRONIK	2139220	46. 1. 6
X130	1,0	PIN-PLUG 09 32 046 3009	HARTING ELEKTRONIK	2139238	46. 1. 6
X130	1,0	SOCKET HOUSING 09 30 024 0521	HARTING ELEKTRONIK	1170688	46. 1. 6
X130-->RDK05	20.000,0	1 2(3X0,35)+2X0,15+3X2X0,15		2139568	46. 1. 6
X201	1,0	ADD-ON HOUSING 09 30 024 0301	HARTING ELEKTRONIK	338046	46. 1. 1
X201	1,0	SOCKET PLUG 09 32 046 3109	HARTING ELEKTRONIK	2139220	46. 1. 1
X201	1,0	PIN-PLUG 09 32 046 3009	HARTING ELEKTRONIK	2139238	46. 1. 1
X201	1,0	SOCKET HOUSING 09 30 024 0521	HARTING ELEKTRONIK	1170688	46. 1. 1
X202	1,0	ADD-ON HOUSING 09 30 024 0301	HARTING ELEKTRONIK	338046	46. 1. 2
X202	1,0	SOCKET PLUG 09 16 108 3101	HARTING ELEKTRONIK	1170647	46. 1. 2
X202	1,0	PIN-PLUG 09 16 108 3001	HARTING ELEKTRONIK	1170639	46. 1. 2

		Datum : 19. Aug. 1999	Anlage: SRV6 ROBOT-STAR V	Titel: PARTS LIST	 REIS ROBOTICS	Zeichn.-Nr.:	Com.-Nr.:	
		A. Dat.: 19. Aug. 1999				013326	52. 588. 00	
		Bearb.: B. JACOBI				Firma:	PLASMA MODULS OY	Bl. 37 50 81.
Aenderung	Name	Gepr. :	Urspr. :	Ers. f. :	Ers. d. :			

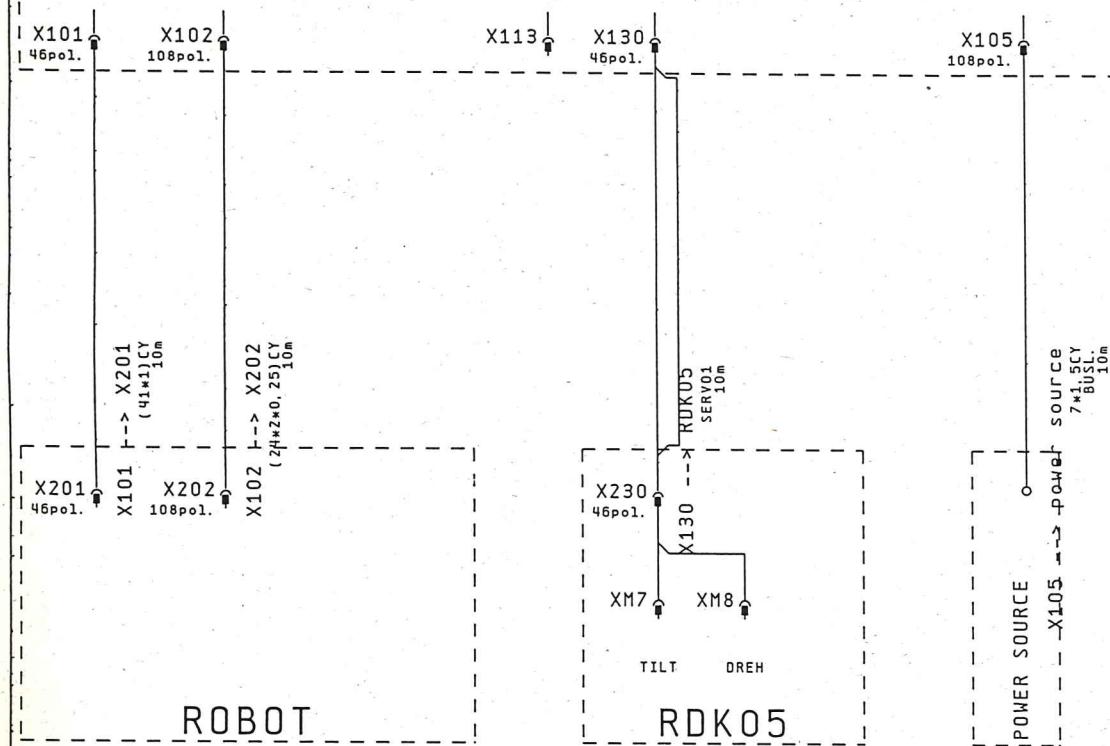
# S T Ü C K L I S T E

REISSTKD 05.02.1998

		Datum : 19. Aug. 1999	Anlage: SRV6 ROBOT-STAR V	Titel: PARTS LIST	 REIS ROBOTICS	Zeichn.-Nr.:	Com.-Nr.:	
		A.Dat.: 19. Aug. 1999				013326	52.588.00	
		Bearb.: B. JACOBI				Firma:	PLASMA MODULS OY	B1. 38 50 Bl.
Anderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:			

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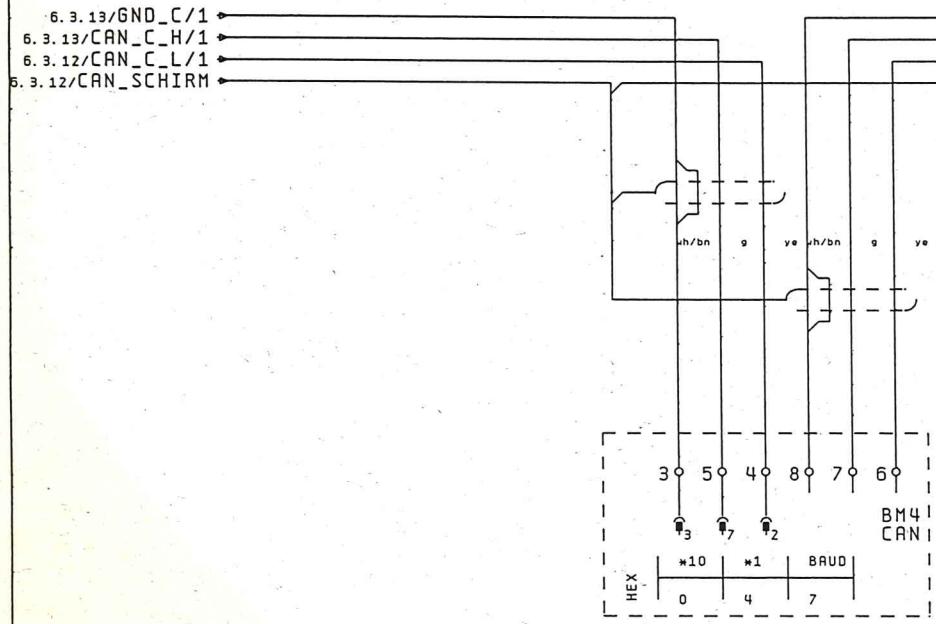
# CONTROL CABINET



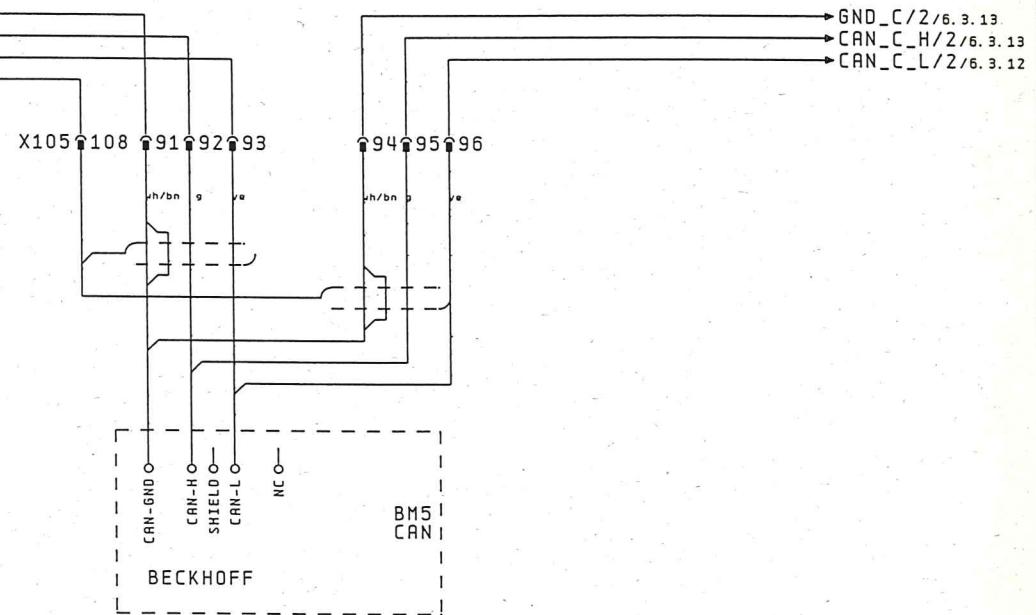
	Datum : 19. Aug. 1999 R. Dat.: 18. Aug. 1999 Bearb.: B. JACOBI	Hinlage: SRV6 ROBOT-STAR V	Titel: CABLE LAYOUT	Zeichn.-Nr.: 013326	Com.-Nr.: 52. 588. 00	
Aenderung	Name	Gepr. : Urspr.: Ers. f.:	Ers. d.:	REIS ROBOTICS	Firma: PLASMA MODULS OY	Bl. 46.1 50 Bl.

1 2 3 4 5 6 8 9 10 11 12 13 14 15 16 17 18 19

CONTROL CABINET



POWER SOURCE



FORWARD + BACKWARD wh g ye bn gr pk

FORWARD wh/bn g ye

		Datum : 19.Aug.1999	Anlage: SRV6 ROBOT-STAR V	Titel: CABLE LAYOUT CAN-BUS		Zeichn.-Nr.: 013326	Com.-Nr.: 52.588.00	
		A.Dat.: 19.Aug.1999						
		Bearb.: B.JACOBI						
Anderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:	REIS ROBOTICS	Firma: PLASMA MODULS OY	B1. 47.1 50 B1.

## Klemmen-Übersichtsplan

WUP14010 / 28. Mai. 1993

Klemmleiste / Stecker	Klemmleisten / Steckerbezeichnung	Anzahl	von Nr.	bis Nr.	PE-Kl.	N-Kl.	Seite und Pfad
X10	TERMINAL STRIP CONTROL CABINET VOLTAGE SUPPLY 24VDC	43	1A	20D	0	0	
X11	TERMINAL STRIP CONTROL CABINET VOLTAGE SUPPLY 230V	23	1	PE	0	0	
X20	TERMINAL STRIP IN THE CONTROL CABINET SAFETY DOOR	19	1	21	0	0	
XM1	PLUG AT THE MOTOR A1	6	A	GND	0	0	
XM2	PLUG AT THE MOTOR A2	6	A	GND	0	0	
XM3	PLUG AT THE MOTOR A3	6	A	GND	0	0	
XM4	PLUG AT THE MOTOR A4	6	A	GND	0	0	
XM5	PLUG AT THE MOTOR A5	6	A	GND	0	0	
XM6	PLUG AT THE MOTOR A6	6	A	GND	0	0	
XM7		7	A	GND	0	0	
XM8	PLUG AT THE MOTOR A8	7	A	GND	0	0	
XM9	PLUG AT THE MOTOR A9	0		GND	0	0	
X101	PLUG AT THE CONTROL CABINET MOTOR 1-6	43	1	PE	0	0	
X102	PLUG AT THE CONTROL CABINET RESOLVER 1-6	72	1	102	0	0	
X105	PLUG AT THE CONTROL CABINET POWER SOURCE	15	1	108	0	0	
X113	PHG PLUG AT THE CONTROL CABINET	25	1	25	0	0	
X115	PLUG AT THE CONTROL CABINET DNC	9	1	9	0	0	
X130		24	6	46	0	0	
X131	PLUG AT THE CONTROL CABINET MOTOR A8+9	15	1	PE	0	0	
X201	PLUG AT THE ROBOT MOTOR 1-6	43	1	PE	0	0	
X202	PLUG AT THE ROBOT RESOLVER 1-6	72	1	102	0	0	
X205	TERMINALS IN THE BUS BOX POWER SOURCE	12	1	6	0	0	
X231	PLUG ON MACHINE MOTOR A8+9	15	1	PE	0	0	
Xext	PLUG IN PORTABLE TEACH PENDANT	14	1	16	0	0	
1X2	PLUG ON REGULATOR	9	1	9	0	0	
1X3	PLUG ON REGULATOR	9	1	9	0	0	
2X2	PLUG ON REGULATOR	9	1	9	0	0	
2X3	PLUG ON REGULATOR	9	1	9	0	0	
3X2	PLUG ON REGULATOR	9	1	9	0	0	
3X3	PLUG ON REGULATOR	9	1	9	0	0	
4X2	PLUG ON REGULATOR	9	1	9	0	0	
4X3	PLUG ON REGULATOR	9	1	9	0	0	
5X2	PLUG ON REGULATOR	9	1	9	0	0	
5X3	PLUG ON REGULATOR	9	1	9	0	0	
6X2	PLUG ON REGULATOR	9	1	9	0	0	

		Datum : 19. Aug. 1999	Anlage: SRV6 ROBOT-STAR V	Titel: TABLE OF THE TERMINAL STRIPS		Zeichn.-Nr.: 013326	Lm.-Nr.: 52.588.00
		A.Dat.: 19. Aug. 1999					
		Bearb.: B. JACOBI					
Ränderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:	REIS ROBOTICS	Firma: PLASMA MODULS OY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
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## Klemmen-Übersichtsplan

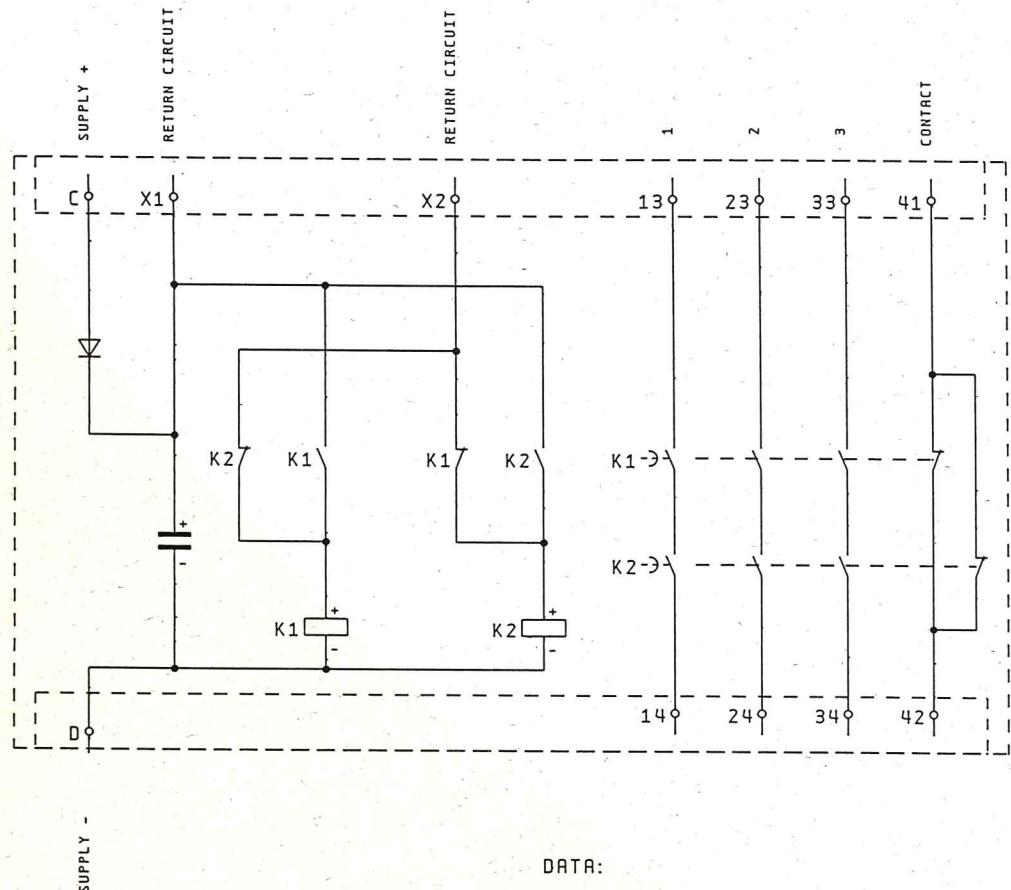
WUP1401D / 28. Mai. 1993

Klemmleiste / Stecker	Klemmleisten / Steckerbezeichnung	Anzahl	von Nr.	bis Nr.	PE-Kl.	N-Kl.	Seite und Pfad
6X3	PLUG ON REGULATOR	9	1	9	0	0	
7X2	PLUG ON REGULATOR	9	1	9	0	0	
7X3	PLUG ON REGULATOR	9	1	9	0	0	
8X2	PLUG ON REGULATOR	9	1	9	0	0	
8X3	PLUG ON REGULATOR	9	1	9	0	0	

	Datum : 19. Aug. 1999	Anlage: SRV6 ROBOT-STAR V	Titel: TABLE OF THE TERMINAL STRIPS	REIS	Zeichn.-Nr.: 013326	Com.-Nr.: 52. 588. 00	Firma: REIS ROBOTICS	Bl. 48.1
	A. Dat.: 19. Aug. 1999							
	Bearb.: B. JACOBI							
Aenderung	Name	Gepr. :	Urspr.:	Ers. f.:	Ers. d.:	REIS ROBOTICS	PLASMA MODULS OY	50 Bl.

## INSIDE CIRCUIT

ELAN: SRB-NA-R-C.16  
DECELERATION ca. 1sec



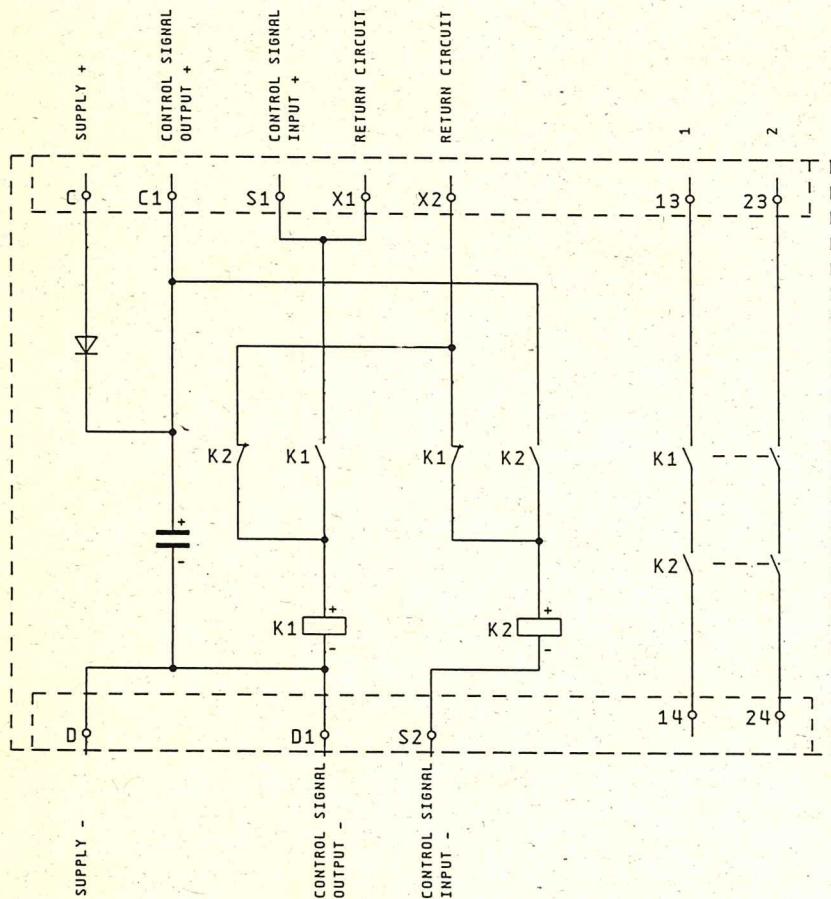
## DATA:

VOLTAGE 24V DC (-15%/+20%)  
CURRENT CONSUMPTION 120 ma  
NC CONTACT 24V/2A  
NO CONTACT 24V/4A

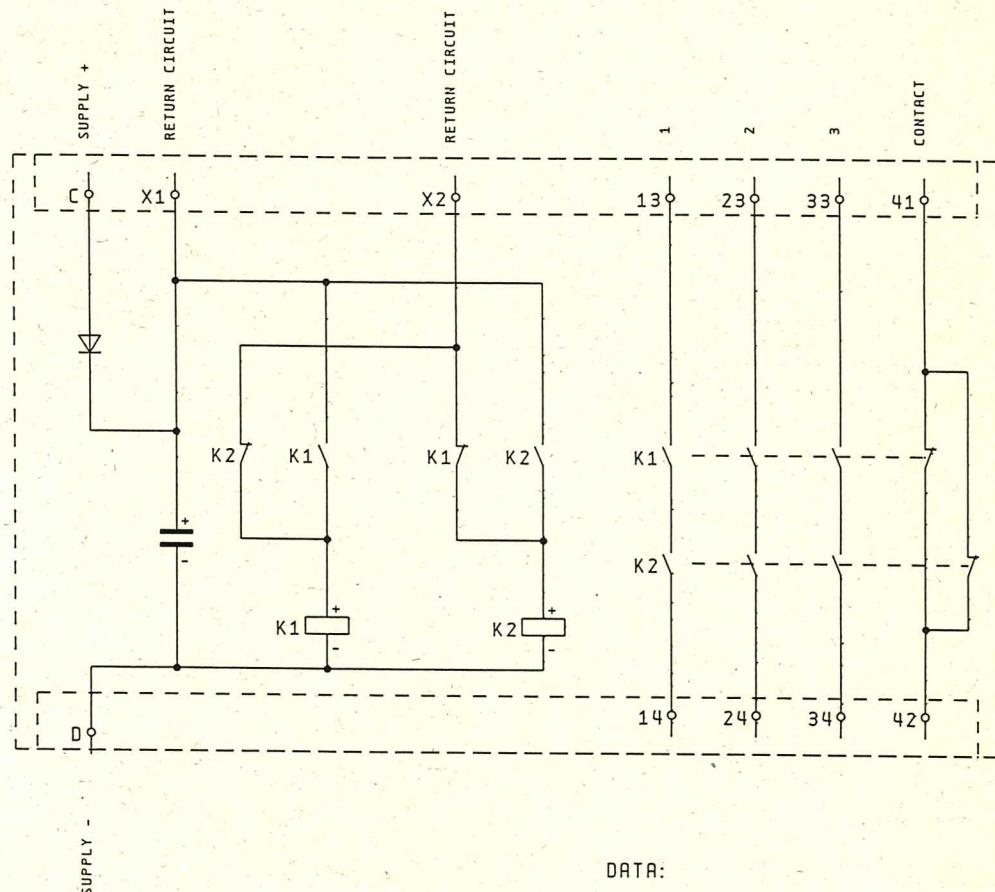
		Datum : 19. Aug. 1999	Anlage:	Reis	Zeichn.-Nr.:	013326	Com.-Nr.:	52.588.00	
		A. Dat.: 19. Aug. 1999	SRV6 ROBOT-STAR V						
		Bearb.: B. JACOBI		titel: SAFTY SWITCH UNIT .C16			Firma:	PLASMA MODULS OY	Bl. 49
Aenderung	Name	Gepr.:	Urspr.:	Ers. f.:	Ers. d.:	REIS ROBOTICS		50 Bl.	

# INSIDE CIRCUIT

ELAN: SRB-NA-R-C. 14



ELAN: SRB-NA-R-C. 15



**DATA:**

VOLTAGE 24V DC (-15% +20%)  
CURRENT CONSUMPTION 120 ma  
NC CONTACT 24V/2A  
NO CONTACT 24V/4A

		Datum : 19. Aug. 1999	Anlage: SRV6 ROBOT-STAR V	Titel: SAFTY SWITCH UNIT .C14/.C15	 REIS ROBOTICS	Zeichn.-Nr.: 013326	Com.-Nr.: 52.588.00	
		A.Dat.: 19. Aug. 1999					Firma:	
		Bearb.: B. JACOBI		Ers.d.:			PLASMA MODULS OY	B1. 50 50 B1.
Aenderung	Name	Gepr. :	Urspr.:	Ers. f.:				