

# BIESSE

SCHEMA ELETTRICO  
ELECTRIC DIAGRAM

**BIESSE**

VIA DELLA MECCANICA 16  
61100 PESARO  
ITALIA

NOME PROGETTO : 22127 - 01  
PROJECT NAME  
MACCHINA : SKIPPER\_100  
MACHINE  
CLIENTE : TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO  
CLIENT  
MATRICOLA : 22127  
SERIAL NUMBER  
PAESE DI DESTINAZIONE : RUSSIA  
DESTINATION COUNTRY  
TRADOTTO IN LINGUA : ITEN

ELABORATO DA : GGraziosi  
PROCESSING BY

APPROVAZIONE :  
APPROVED

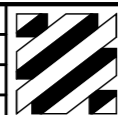
DATA ELABORAZIONE : 07/12/2007  
PROCESSING DATE

MODIF. 07/12/2007

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## BIESSE

INTESTAZIONE  
HEADING

CUSTOMER  
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO

**SKIPPER\_100**

SERIAL NUMBER  
22127

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22127 - 01

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QUADRO ELETTRICO PAG.51-99/900-999  
MAIN BOARD PAG.51-99/900-999

TESTA SUPERIORE PAG.300-399  
UPPER HEADPAG.300-399

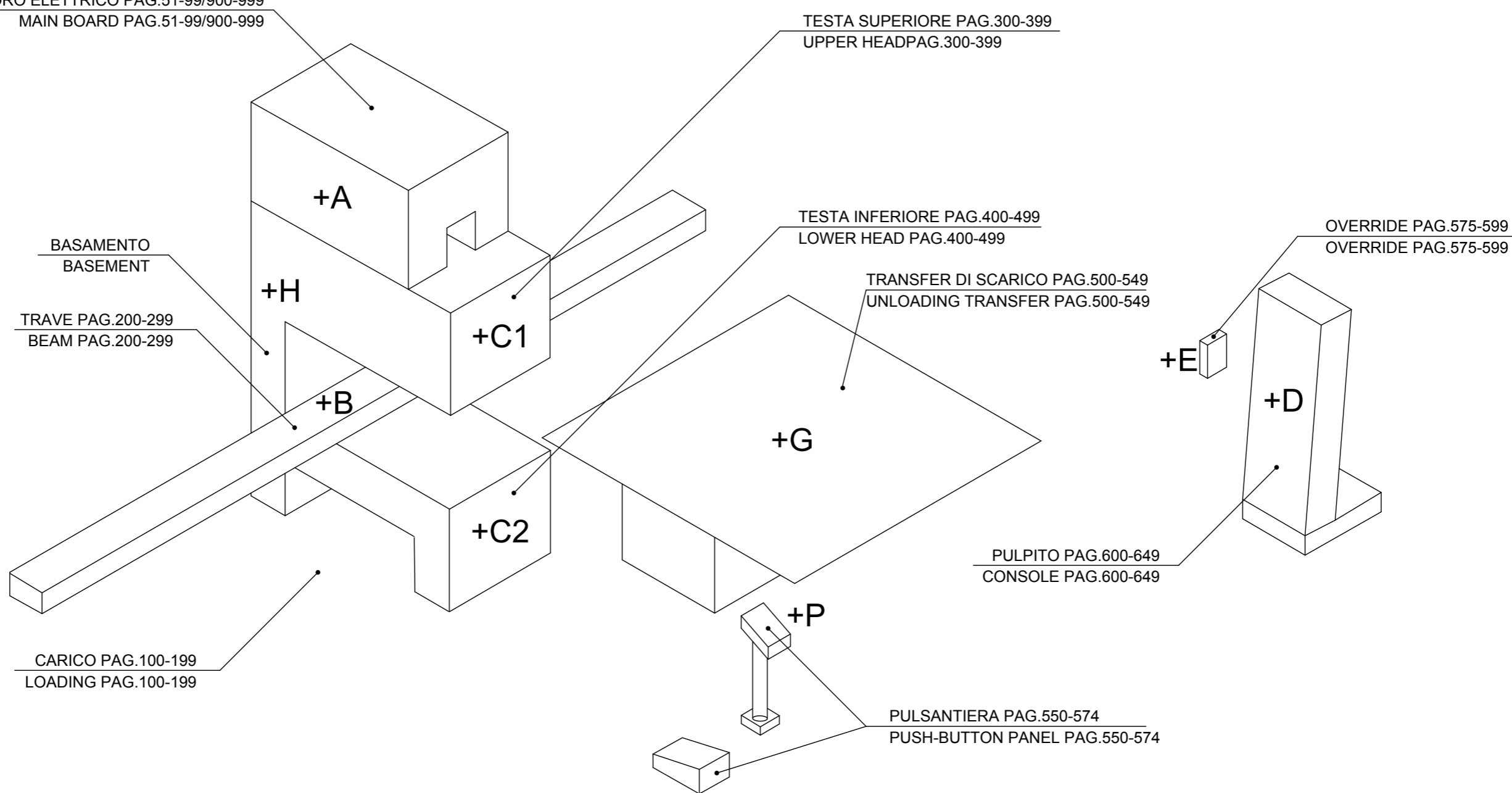
BASAMENTO  
BASEMENT

TESTA INFERIORE PAG.400-499  
LOWER HEAD PAG.400-499

TRAVE PAG.200-299  
BEAM PAG.200-299

TRANSFER DI SCARICO PAG.500-549  
UNLOADING TRANSFER PAG.500-549

VERRIDE PAG.575-599  
VERRIDE PAG.575-599



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LOCAZIONI  
LOCATIONS

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VIA DELLA MECCANICA 16 61100 PESARO ITALIA tel. 0721/4391

Modello

SKIPPER\_100

Matricola

22127

N. schema elettrico

22127 - 01

Massa

kg

Tensione di alimentazione

380

VAC

Corrente nominale

36

A

Num. fasi alimentazione

3

Potenza

20

kW

Frequenza

50

Hz

Potere di inter. corto circuito

10

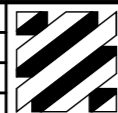
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TARGA C.E.

C.E. PLATE

CUSTOMER

TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO

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327	CE305 TESTA SUPERIORE CE305 UPPER HEAD
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331	CE305 TESTA SUPERIORE CE305 UPPER HEAD
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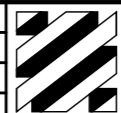
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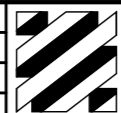
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406	ASSE Z1 Z1 AXIS
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427	CE305 TESTA INFERIORE CE305 LOWER HEAD
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# DISTINTA MATERIALE BILL OF MATERIAL

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## PARTS LIST

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+A-Q5110	INTERRUTTORE SWITCH	GENERALE MAIN	80A 3P TMD	T1B 160 F FC Cu 1SDA050877R1	ABB	2102A0127	51
+A-Z5170	FILTRO DI RETE NET FILTER	GENERALE MAIN	480VAC 75A 40°C 3P	FN3258-75-52	SCHAFFNER	2163A0058	51
+A-Q5310	INTERRUTTORE MAGNETOTERMICO THERMO MAGNETIC SWITCH	ABILITAZIONE AZIONAMENTI 1 ENABLE DRIVERS 1	17-22A S0 3P	3RV 3RV1021-4CA10	SIEMENS	2101A0053	53
+A-Q5350	INTERRUTTORE MAGNETOTERMICO THERMO MAGNETIC SWITCH	CINGHIE BELTS	4,5-6,3A S0 3P	3RV 3RV1021-1GA10	SIEMENS	2101A0047	53
+A-U5410	DISTRIBUTORE DI FASE	DISTRIBUTORE DI FASE	100A 500V	8GF9872	SIEMENS	2113A0181	54
+A-Q5510	INTERRUTTORE MAGNETOTERMICO THERMO MAGNETIC SWITCH	TRASFORMATORE TRANSFORMER	5,5-8A S0 3P	3RV 3RV1021-1HA10	SIEMENS	2101A0048	55
+A-T5510	TRASFORMATORE MONOFASE SINGLE-PHASE TRANSFORMER	TRASFORMATORE TRANSFORMER	1600VA 400V/220V	OCM0640802704	CE	2107A0293	55
+A-C5610	CONDIZIONATORE AIR CONDITIONER	CONDIZIONATORE AIR CONDITIONER	230V 50/60Hz	KMV03.01.CA B	KELVIN	2161A0004	56
+A-Q5610	INTERRUTTORE AUTOMATICO AUTOMATIC SWITCH	LINEA 220V 220V LINE	6A 1P (C)	5SY 5SY6106-7	SIEMENS	2101A0208	56
+A-G6010	ALIMENTATORE SWITCHING SWITCHING POWER SOURCE	AUSILIARI AUXILIARES	3P 400-500VAC / 24VDC 40A	6EP 6EP1437-3BA00	SIEMENS	2127A0072	60
+A-Q6010	INTERRUTTORE MAGNETOTERMICO THERMO MAGNETIC SWITCH	ALIMENTATORE FEEDER	2,2-3,2A S0 3P	3RV 3RV1021-1DA10	SIEMENS	2101A0044	60
+A-Q6510	INTERRUTTORE AUTOMATICO AUTOMATIC SWITCH	DERIVAZIONE POTENZA TESTA INFERIORE LOWER HEAD POWER BRANCH	13A 1P (C)	5SY 5SY6113-7	SIEMENS	2101A0211	65
+A-Q6530	INTERRUTTORE AUTOMATICO AUTOMATIC SWITCH	DERIVAZIONE POTENZA TESTA SUPERIORE UPPER HEAD POWER BRANCH	13A 1P (C)	5SY 5SY6113-7	SIEMENS	2101A0211	65
+A-Q6560	INTERRUTTORE AUTOMATICO AUTOMATIC SWITCH	BOBINE LAMPADE BULB COILS	6A 1P (C)	5SY 5SY6106-7	SIEMENS	2101A0208	65
+A-Q6570	INTERRUTTORE AUTOMATICO AUTOMATIC SWITCH	LOGICA SCHEDE DI INGRESSO INPUT CARD LOGIC	3A 1P (C)	5SY 5SY6103-7	SIEMENS	2101A0206	65
+A-Q6580	INTERRUTTORE AUTOMATICO AUTOMATIC SWITCH	MODULO DI SICUREZZA SAFETY MODULES	1A 1P (C)	5SY 5SY6101-7	SIEMENS	2101A0203	65
+A-Q6610	INTERRUTTORE AUTOMATICO AUTOMATIC SWITCH	LOGICA AZIONAMENTI OPERATING CONTROLS LOGIC	6A 1P (C)	5SY 5SY6106-7	SIEMENS	2101A0208	66
+A-Q6620	INTERRUTTORE AUTOMATICO AUTOMATIC SWITCH	FRENI ASSI SHAFT BRAKES	4A 1P (D)	5SY 5SY6104-8	SIEMENS	2101A0230	66
+A-U7010	CENTRALINA DI SICUREZZA SAFETY CONTROL UNIT	EMERGENZE EMERGENCY	3NO+1NC 24VAC/DC	3TK 3TK2821-2CB30	SIEMENS	2105A0182	70
+A-U7510	CENTRALINA DI SICUREZZA SAFETY CONTROL UNIT	TAPPETO 1 MAT 1	2NO+1SC 24VAC/DC	WALR24/2-A	WIDE AUTOMATION	2128A0009	75
+H-U7520	DA DEFINIRE TO BE ALLOCATED	TAPPETO 1 MAT 1				****BIESSE****	75
+H-S8030	FINECORSA LIMIT SWITCH	CANCELLO GATE	1NO+1NC M20x1,5 90°	FD 1899-F1M2	PIZZATO	2104A0272	80
+A-W8030	TUBO PIPE	CANCELLO GATE	Ø12 RAL 9005	ROHRflex - PA 12 PA 12 AD15,8	ELEKTROZUBEHÖR	2134A0028	80

DISTINTA BASE ARTICOLO MULTILINGUE BIESSE

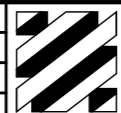
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# BIESSE

DISTINTA MATERIALE  
BILL OF MATERIAL

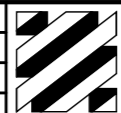
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## PARTS LIST

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+A-K8510	CONTATTORE CONTACTOR	EMERGENZA EMERGENCY	11kW 25A S0 3P	3RT 3RT1026-3BB40	SIEMENS	2105A0176	85
+A-K8520	CONTATTORE CONTACTOR	ABILITAZIONE ASSI ENABLE AXES	4kW 9A S00 3P	3RT 3RT1016-2BB42	SIEMENS	2105A0166	85
+A-K8540	CONTATTORE CONTACTOR	ATTREZZAGGIO TOOLING	11kW 25A S0 3P	3RT 3RT1026-3BB40	SIEMENS	2105A0176	85
+A-K8610	CONTATTORE CONTACTOR	ABILITAZIONE AZIONAMENTI 1 ENABLE DRIVERS 1	11kW 25A S0 3P	3RT 3RT1026-3BB40	SIEMENS	2105A0176	86
+A-K8630	CONTATTORE CONTACTOR	CINGHIE BELTS	7,5kW 17A S0 3P	3RT 3RT1025-3BB40	SIEMENS	2105A0048	86
+H-S8710	PRESSOSTATO PRESSURE SWITCH	GENERALE ARIA AIR GENERALS	0,5÷10bar 1NO	PMC 10S	ELETTROTEC	242600500	87
+H-S8740	CONTATTO CONTACT	LIVELLO GRASSO GREASE LEVEL	1NO/NC	????????	DROPSA	2104A0018	87
+A-H9010	MODULO LUMINOSO LIGHTING MODULE	LAVORO WORKING		8WD 8WD4400-1AC	SIEMENS	2114A0052	90
+A-H9020	MODULO LUMINOSO LIGHTING MODULE	EMERGENZA EMERGENCY	RED 24VDC	8WD 8WD4400-1AB	SIEMENS	2114A0047	90
+A-H9030	MODULO LUMINOSO LIGHTING MODULE	ERRORE ERROR	YELLOW 24VDC	8WD 8WD4400-1AD	SIEMENS	2114A0049	90
+H-X95	SPINA PLUG	TAPPETO 1 MAT 1	4P+PE	CKM04	ILME	2138A0003	95
+H-X95	PRESA PLUG	TAPPETO 1 MAT 1	4P+PE	CKF04	ILME	2138A0002	95
+H-M10110	VENTILATORE FAN	VELO ARIA AIR JET	380VAC 1,1kW 50Hz 2760rpm	U/APR451 ????	UTENTRA	2161A0111	101
+A-Q10110	INTERRUTTORE MAGNETOTERMICO THERMO MAGNETIC SWITCH	VELO ARIA AIR JET	2,2-3,2A S0 3P	3RV 3RV1021-1DA10	SIEMENS	2101A0044	101
+A-W10110	TUBO PIPE	VELO ARIA AIR JET	Ø12 RAL 9005	ROHRflex - PA 12 PA 12 AD15,8	ELEKTROZUBEHÖR	2134A0028	101
+A-Z10120	FILTRO RC RC filter	VELO ARIA AIR JET	0,22µF 10+100OHM 750V 7.5kW	R101.8 10-05	ACTRONIC	2163A0046	101
+A-K10410	CONTATTORE CONTACTOR	MARCIA VELO ARIA AIR JET START	4kW 9A S00 3P	3RT 3RT1016-2BB42	SIEMENS	2105A0166	104
+B-M20120	MOTORE MOTOR	ASSE Y1 Y1 AXIS	400VAC 0,85kW 3,5A 1500rpm	SGMGH-09DCA YG26	YASKAWA	2204A0084	201
+A-R20150	RESISTENZA RESISTANCE	FRENATURA BRAKING	820hm 1300W	RFXT/S 1300 82	FAIRFIELD	2122A0147	201
+A-U20120	AZIONAMENTO DRIVE	ASSE Y1 Y1 AXIS	1,5kW 400V 3P 50/60Hz	SGDM-15DN	YASKAWA	2159A0097	201
+A-V20110	MORSETTO TERMINAL	FRENO ASSE Y1 Y1 AXIS BRAKE	2,5mm² - 4 CONN.	280-623 + 281-411	WAGO	211306300	201
+A-W20170	CAVO CABLE	MECHATROLINK MECHATROLINK	1m USB M/M	????????	????????	6480A0050	201
+B-M20220	MOTORE MOTOR	ASSE X1 X1 AXIS	400VAC 0,45kW 1,9A 1500rpm	SGMGH-05DCA YG14	YASKAWA	2204A0083	202

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BILL OF MATERIAL

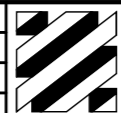
CUSTOMER		PREV.	SUBS.
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		26	28
SKIPPER_100	SERIAL NUMBER	DIAGRAM	PAGE
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SEF	DESIGNATION	FUNCTION TEXT	ELECTRICAL PAR.	MODEL NUMBER	MANUFACTURER	BIESSE CODE	PAGE
+A-R20250	RESISTENZA RESISTANCE	FRENATURA BRAKING	75Ohm 600W	RFXT/S 600 75	FAIRFIELD	2122A0153	202
+A-U20220	AZIONAMENTO DRIVE	ASSE X1 X1 AXIS	1kW 400V 3P 50/60Hz	SGDM-10DN	YASKAWA	2159A0096	202
+A-V20210	MORSETTO TERMINAL	FRENO ASSE Y1 Y1 AXIS BRAKE	2,5mm <sup>2</sup> - 4 CONN.	280-623 + 281-411	WAGO	211306300	202
+A-W20270	CAVO CABLE	MECHATROLINK MECHATROLINK	1m USB M/M	?????????	?????????	6480A0050	202
+B-M20320	MOTORE MOTOR	ASSE X2 X2 AXIS	400VAC 0,45kW 1,9A 1500rpm	SGMGH-05DCA YG14	YASKAWA	2204A0083	203
+A-R20350	RESISTENZA RESISTANCE	FRENATURA BRAKING	75Ohm 600W	RFXT/S 600 75	FAIRFIELD	2122A0153	203
+A-U20320	AZIONAMENTO DRIVE	ASSE X2 X2 AXIS	1kW 400V 3P 50/60Hz	SGDM-10DN	YASKAWA	2159A0096	203
+A-V20310	MORSETTO TERMINAL	FRENO ASSE X2 X2 AXIS BRAKE	2,5mm <sup>2</sup> - 4 CONN.	280-623 + 281-411	WAGO	211306300	203
+A-W20370	CAVO CABLE	MECHATROLINK MECHATROLINK	1m USB M/M	?????????	?????????	6480A0050	203
+A-K21010	RELE' RELAY	FRENO ASSE Y1 Y1 AXIS BRAKE	4P 24VDC 5A	MY4 MY4N-D2 24VDC(S)	OMRON	2105A0261	210
+A-K21020	RELE' RELAY	FRENO ASSE X1 X1 AXIS BRAKE	4P 24VDC 5A	MY4 MY4N-D2 24VDC(S)	OMRON	2105A0261	210
+A-K21030	RELE' RELAY	FRENO ASSE X2 X2 AXIS BRAKE	4P 24VDC 5A	MY4 MY4N-D2 24VDC(S)	OMRON	2105A0261	210
+B-B21510	SENSORE SENSOR	PINZA SINISTRA LEFT COLLET	5VDC 8m	SN 76837 MSK320-0120 5-A-E1/8.0-LD-I-0.1/8	SIKO	2164A0544	215
+B-S22210	FINECORS LIMIT SWITCH	ASSE Y1 Y1 AXIS	3 P.	BNS 819-B03-D12-61-12-10	BALLUFF	2104A0212	222
+B-S22240	FINECORS LIMIT SWITCH	ASSE X1 X1 AXIS	2 P.	BNS 819-B02-D12-61-12-10	BALLUFF	2104A0211	222
+B-S22270	FINECORS LIMIT SWITCH	ASSE X2 X2 AXIS	2 P.	BNS 819-B02-D12-61-12-10	BALLUFF	2104A0211	222
+B-Y22510	DA DEFINIRE TO BE ALLOCATED	ALTA PRESSIONE PINZA SINISTRA LEFT COLLET HIGH PRESSURE				****BIESSE****	225
+B-Y22520	DA DEFINIRE TO BE ALLOCATED	ALTA PRESSIONE PINZA DESTRA RIGHT COLLET HIGH PRESSURE				****BIESSE****	225
+B-S23010	SENSORE SENSOR	PINZA DESTRA APERTA RIGHT COLLET OPEN	3m 3P NO	1500 1500.HAP	PNEUMAX	2164A0495	230
+B-S23020	SENSORE SENSOR	PINZA DESTRA CHIUSA RIGHT COLLET CLOSED	3m 3P NO	1500 1500.HAP	PNEUMAX	2164A0495	230
+B-S23030	SENSORE SENSOR	PINZA SINISTRA APERTA LEFT COLLET OPEN	3m 3P NO	1500 1500.HAP	PNEUMAX	2164A0495	230
+B-S23040	SENSORE SENSOR	PINZA SINISTRA CHIUSA LEFT COLLET CLOSED	3m 3P NO	1500 1500.HAP	PNEUMAX	2164A0495	230
+B-U23010	SCATOLA DI DERIVAZIONE CONNECTOR BLOCK	TRAVE BEAM	FIELD BUS ENET-x 8DI M8 PNP IP67	CE201 CE201A	HSD	0109DE201A0	230

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CUSTOMER		PREV.	SUBS.
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SEF	DESIGNATION	FUNCTION TEXT	ELECTRICAL PAR.	MODEL NUMBER	MANUFACTURER	BIESSE CODE	PAGE
+B-W23011	CAVO CABLE	PINZA DESTRA APERTA RIGHT COLLET OPEN	5,5m 3x0,35 - M M8 / F M8 90° SNAP	CPC M8M3P-M8F3P90°SN ?????????	?????????	6480A0101	230
+B-W23021	CAVO CABLE	PINZA DESTRA CHIUSA RIGHT COLLET CLOSED	5,5m 3x0,35 - M M8 / F M8 90° SNAP	CPC M8M3P-M8F3P90°SN ?????????	?????????	6480A0101	230
+B-W23031	CAVO CABLE	PINZA SINISTRA APERTA LEFT COLLET OPEN	5,5m 3x0,35 - M M8 / F M8 90° SNAP	CPC M8M3P-M8F3P90°SN ?????????	?????????	6480A0101	230
+B-W23041	CAVO CABLE	PINZA SINISTRA CHIUSA LEFT COLLET CLOSED	5,5m 3x0,35 - M M8 / F M8 90° SNAP	CPC M8M3P-M8F3P90°SN ?????????	?????????	6480A0101	230
+B-U23500	ADATTATORE ADAPTER	TRAVE BEAM	2 FIELDBUS 2 POWER SUPPLY	?????????	BRAD&HARRISON	6480A0122	235
+B-U23610	SCHEDA INTERFACCIA INTERFACE CARD	TRAVE BEAM	FIELDBUS ENET-x 16OUT PNEUMAX	PM57 PM57B	HSD	0103D057B	236
+B-Y23620	ELETTROVALVOLA MAGNET VALVE	CHIUSURA PINZA DX RIGHT GRIPPER CLOSING	5/2 1/8"	2435.52.00.35.82	PNEUMAX	6425A0015	236
+B-Y23630	ELETTROVALVOLA MAGNET VALVE	CHIUSURA PINZA SX LEFT GRIPPER CLOSING	5/2 1/8"	2435.52.00.35.82	PNEUMAX	6425A0015	236
+B-Y23640	ELETTROVALVOLA MAGNET VALVE	POMPA OLIO OIL PUMP	5/2 1/8"	2435.52.00.35.82	PNEUMAX	6425A0015	236
+B-X250	CONNETTORE CONNECTOR	FRENO ASSE Y1 Y1 AXIS BRAKE	3P F 90°	IT3108A10SL-3SN4N12(10)	VEAM	2138A0335	250
+B-X251	CONNETTORE CONNECTOR	MOTORE ASSE Y1 SHAFT MOTOR Y1	4P F 90°	IT3108A18-10SN4N12(CF30)	VEAM	213812800	251
+B-X252	CONNETTORE CONNECTOR	ENCODER ASSE Y1 SHAFT ENCODER Y1	17P F 90°	IT4108A20-29SN4PHM18(CF30)	VEAM	213812900	252
+A-X253	CONNETTORE CONNECTOR	ENCODER ASSE Y1 SHAFT ENCODER Y1	6P F	JZSP-CMP9-1	YASKAWA	2138A0318	253
+A-X254	CONNETTORE CONNECTOR	SEGNALI ASSE Y1 SHAFT SIGNALS Y1	26P M	MDR????		2138A0618	254
+B-X255	CONNETTORE CONNECTOR	FRENO ASSE X1 X1 AXIS BRAKE	3P F 90°	IT3108A10SL-3SN4N12(10)	VEAM	2138A0335	255
+B-X256	CONNETTORE CONNECTOR	MOTORE ASSE X1 SHAFT MOTOR X1	4P F 90°	IT3108A18-10SN4N12(CF30)	VEAM	213812800	256
+B-X257	CONNETTORE CONNECTOR	ENCODER ASSE X1 SHAFT ENCODER X1	17P F 90°	IT4108A20-29SN4PHM18(CF30)	VEAM	213812900	257
+A-X258	CONNETTORE CONNECTOR	ENCODER ASSE X1 SHAFT ENCODER X1	6P F	JZSP-CMP9-1	YASKAWA	2138A0318	258
+A-X259	CONNETTORE CONNECTOR	SEGNALI ASSE X1 SHAFT SIGNALS X1	26P M	MDR????		2138A0618	259
+B-X260	CONNETTORE CONNECTOR	FRENO ASSE X2 X2 AXIS BRAKE	3P F 90°	IT3108A10SL-3SN4N12(10)	VEAM	2138A0335	260
+B-X261	CONNETTORE CONNECTOR	MOTORE ASSE X2 SHAFT MOTOR X2	4P F 90°	IT3108A18-10SN4N12(CF30)	VEAM	213812800	261
+B-X262	CONNETTORE CONNECTOR	ENCODER ASSE X2 SHAFT ENCODER X2	17P F 90°	IT4108A20-29SN4PHM18(CF30)	VEAM	213812900	262
+A-X263	CONNETTORE CONNECTOR	ENCODER ASSE X2 SHAFT ENCODER X2	6P F	JZSP-CMP9-1	YASKAWA	2138A0318	263

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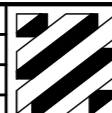
REVISION NR.	DATE	NAME	NORM	MODIF.	07/12/2007		DISTINTA MATERIALE BILL OF MATERIAL		CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	SUBS.	
				PROC.	GGraziosi				SKIPPER_100	SERIAL NUMBER	22127	28	30
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SEF	DESIGNATION	FUNCTION TEXT	ELECTRICAL PAR.	MODEL NUMBER	MANUFACTURER	BIESSE CODE	PAGE
+A-X264	CONNETTORE CONNECTOR	SEGNALI ASSE X2 SHAFT SIGNALS X2	26P M	MDR????		2138A0618	264
+B-X280	CONNETTORE CONNECTOR	PINZA DESTRA APERTA RIGHT COLLET OPEN	3P M M8	????????	SIEMENS	2138A0414	280
+B-X281	CONNETTORE CONNECTOR	PINZA DESTRA CHIUSA RIGHT COLLET CLOSED	3P M M8	????????	SIEMENS	2138A0414	281
+B-X282	CONNETTORE CONNECTOR	PINZA SINISTRA APERTA LEFT COLLET OPEN	3P M M8	????????	SIEMENS	2138A0414	282
+B-X283	CONNETTORE CONNECTOR	PINZA SINISTRA CHIUSA LEFT COLLET CLOSED	3P M M8	????????	SIEMENS	2138A0414	283
+A-X285	CONNETTORE CONNECTOR	FIELD BUS TRAVE BEAM FIELD BUS	5P F M12	V8A5000-325	BRAD&HARRISON	2138A0467	285
+B-X286	CONNETTORE CONNECTOR	ALIMENTAZIONE TRAVE BEAM POWER SUPPLY	4P F M8	3RX1685	SIEMENS	2138A0419	286
+C1-M30120	MOTORE MOTOR	MANDRINO 1 TESTA SUPERIORE SPINDLE 1 UPPER HEAD	380VAC 1,7kW 4A	EMMT CMP8867S ????????	CEG	6410A0181	301
+C1-M30160	MOTORE MOTOR	MANDRINO 2 TESTA SUPERIORE SPINDLE 2 UPPER HEAD	380VAC 1,7kW 4A	EMMT CMP8867S ????????	CEG	6410A0181	301
+A-Q30120	INTERRUTTORE MAGNETOTERMICO THERMO MAGNETIC SWITCH	MANDRINO 1 TESTA SUPERIORE SPINDLE 1 UPPER HEAD	3,5-5A S0 3P	3RV 3RV1021-1FA10	SIEMENS	2101A0046	301
+A-Q30160	INTERRUTTORE MAGNETOTERMICO THERMO MAGNETIC SWITCH	MANDRINO 2 TESTA SUPERIORE SPINDLE 2 UPPER HEAD	3,5-5A S0 3P	3RV 3RV1021-1FA10	SIEMENS	2101A0046	301
+A-Z30130	FILTRO RC RC filter	MANDRINO 1 TESTA SUPERIORE SPINDLE 1 UPPER HEAD	0,22µF 10+100OHM 750V 7.5kW	R101.8 10-05	ACTRONIC	2163A0046	301
+A-Z30170	FILTRO RC RC filter	MANDRINO 2 TESTA SUPERIORE SPINDLE 2 UPPER HEAD	0,22µF 10+100OHM 750V 7.5kW	R101.8 10-05	ACTRONIC	2163A0046	301
+C1-M30620	MOTORE MOTOR	PRESSORE VERTICALE VERTICAL PRESSER	400VAC 0,45kW 1,9A 1500rpm	SGMGH-05DCA YG14	YASKAWA	2204A0083	306
+A-R30650	RESISTENZA RESISTANCE	FRENATURA BRAKING	75Ohm 600W	RFXT/S 600 75	FAIRFIELD	2122A0153	306
+A-U30620	AZIONAMENTO DRIVE	PRESSORE VERTICALE VERTICAL PRESSER	1kW 400V 3P 50/60Hz	SGDM-10DN	YASKAWA	2159A0096	306
+A-V30610	MORSETTO TERMINAL	FRENO PRESSORE VERTICALE VERTICAL PRESSER BRAKE	2,5mm <sup>2</sup> - 4 CONN.	280-623 + 281-411	WAGO	211306300	306
+A-W30670	CAVO CABLE	MECHATROLINK MECHATROLINK	1m USB M/M	????????	????????	6480A0050	306
+C1-M30720	MOTORE MOTOR	ASSE W1 W1 AXIS	400VAC 0,45kW 1,9A 1500rpm	SGMGH-05DCA YG14	YASKAWA	2204A0083	307
+A-R30750	RESISTENZA RESISTANCE	FRENATURA BRAKING	75Ohm 600W	RFXT/S 600 75	FAIRFIELD	2122A0153	307
+A-U30720	AZIONAMENTO DRIVE	ASSE W1 W1 AXIS	1kW 400V 3P 50/60Hz	SGDM-10DN	YASKAWA	2159A0096	307
+A-V30710	MORSETTO TERMINAL	FRENO ASSE W1 W1 AXIS BRAKE	2,5mm <sup>2</sup> - 4 CONN.	280-623 + 281-411	WAGO	211306300	307
+A-W30770	CAVO CABLE	MECHATROLINK MECHATROLINK	1m USB M/M	????????	????????	6480A0050	307

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BILL OF MATERIAL

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TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		29	31
SKIPPER_100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	30

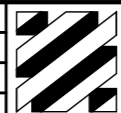


## PARTS LIST

SEF	DESIGNATION	FUNCTION TEXT	ELECTRICAL PAR.	MODEL NUMBER	MANUFACTURER	BIESSE CODE	PAGE
+C1-W33130	CAVO CABLE	FIELD BUS TESTA SUPERIORE UPPER HEAD FIELD BUS	1m 5x0,35 - M M12 / F M12	?????????	?????????	6480A0083	331
+C1-S33550	SENSORE SENSOR	BANDELLA ALTA CURTAIN GUARD UP	3m 3P NO	1500 1500.HAP	PNEUMAX	2164A0495	335
+C1-S33560	SENSORE SENSOR	BANDELLA BASSA CURTAIN GUARD DOWN	3m 3P NO	1500 1500.HAP	PNEUMAX	2164A0495	335
+C1-S33570	SENSORE SENSOR	PIANO ALTO TOP PLATFORM	3P NO	1500 RS.DCNO	PNEUMAX	2164A0320	335
+C1-S33580	SENSORE SENSOR	PIANO BASSO DOWN TABLE	3P NO	1500 RS.DCNO	PNEUMAX	2164A0320	335
+C1-U33510	SCATOLA DI DERIVAZIONE CONNECTOR BLOCK	TESTA SUPERIORE UPPER HEAD	FIELD BUS ENET-x 8DI M8 PNP IP67	CE201 CE201A	HSD	0109DE201A0	335
+C1-W33570	CAVO CABLE	PIANO ALTO TOP PLATFORM	1,5m 3x0,35 -M8m3p / M8f3p 90° SNAP	543031E03M015 ?????????	BRAD&HARRISON	6480A0095	335
+C1-W33580	CAVO CABLE	PIANO BASSO DOWN TABLE	1,5m 3x0,35 -M8m3p / M8f3p 90° SNAP	543031E03M015 ?????????	BRAD&HARRISON	6480A0095	335
+C1-U34000	ADATTATORE ADAPTER	TESTA SUPERIORE UPPER HEAD	2 FIELD BUS 2 POWER SUPPLY	?????????	BRAD&HARRISON	6480A0122	340
+C1-U34000	TAPPO PLUG	TESTA SUPERIORE UPPER HEAD	M8	?????????	?????????	0411DC007	340
+C1-U34110	SCHEDA INTERFACCIA INTERFACE CARD	TESTA SUPERIORE UPPER HEAD	FIELD BUS ENET-x 16OUT PNEUMAX	PM57 PM57B	HSD	0103D057B	341
+C1-Y34120	ELETTROVALVOLA MAGNET VALVE	MANDRINO ORIZZONTALE 1 HORIZONTAL SPINDLE 1	5/2 1/8"	2435.52.00.35.82	PNEUMAX	6425A0015	341
+C1-Y34130	ELETTROVALVOLA MAGNET VALVE	MANDRINO ORIZZONTALE 2 HORIZONTAL SPINDLE 2	5/2 1/8"	2435.52.00.35.82	PNEUMAX	6425A0015	341
+C1-Y34140	ELETTROVALVOLA MAGNET VALVE	MANDRINO ORIZZONTALE 3 HORIZONTAL SPINDLE 3	5/2 1/8"	2435.52.00.35.82	PNEUMAX	6425A0015	341
+C1-Y34150	ELETTROVALVOLA MAGNET VALVE	MANDRINO ORIZZONTALE 4 HORIZONTAL SPINDLE 4	5/2 1/8"	2435.52.00.35.82	PNEUMAX	6425A0015	341
+C1-Y34160	ELETTROVALVOLA MAGNET VALVE	MANDRINO ORIZZONTALE 5 HORIZONTAL SPINDLE 5	5/2 1/8"	2435.52.00.35.82	PNEUMAX	6425A0015	341
+C1-Y34170	ELETTROVALVOLA MAGNET VALVE	MANDRINO ORIZZONTALE 6 HORIZONTAL SPINDLE 6	5/2 1/8"	2435.52.00.35.82	PNEUMAX	6425A0015	341
+C1-U34500	ADATTATORE ADAPTER	TESTA SUPERIORE UPPER HEAD	2 FIELD BUS 2 POWER SUPPLY	?????????	BRAD&HARRISON	6480A0122	345
+C1-U34610	SCHEDA INTERFACCIA INTERFACE CARD	TESTA SUPERIORE UPPER HEAD	FIELD BUS ENET-x 16OUT PNEUMAX	PM57 PM57B	HSD	0103D057B	346
+C1-Y34620	ELETTROVALVOLA MAGNET VALVE	BANDELLA BAND	5/2 1/8"	2435.52.00.35.82	PNEUMAX	6425A0015	346
+C1-Y34630	ELETTROVALVOLA MAGNET VALVE	VELO ARIA SUPERIORE PRINCIPALE MAIN TOP AIR JET	5/2 1/8"	2435.52.00.39.82	PNEUMAX	6425A0016	346
+C1-Y34640	ELETTROVALVOLA MAGNET VALVE	PIANO AUSILIARIO STELO FUORI AUXILIARY TABLE ROD OUT	5/2 1/8"	2435.52.00.39.82	PNEUMAX	6425A0016	346
+C1-X350	CONNETTORE CONNECTOR	BANDELLA ALTA CURTAIN GUARD UP	3P M M8	?????????	SIEMENS	2138A0414	350

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 BILL OF MATERIAL

CUSTOMER		PREV.	SUBS.
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		31	33
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SEF	DESIGNATION	FUNCTION TEXT	ELECTRICAL PAR.	MODEL NUMBER	MANUFACTURER	BIESSE CODE	PAGE
+C1-X351	CONNETTORE CONNECTOR	BANDELLA BASSA CURTAIN GUARD DOWN	3P M M8	?????????	SIEMENS	2138A0414	351
+C1-X361	CONNETTORE CONNECTOR	FRENO PRESSORE VERTICALE VERTICAL PRESSER BRAKE	3P F 90°	IT3108A10SL-3SN4N12(10)	VEAM	2138A0335	361
+C1-X362	CONNETTORE CONNECTOR	MOTORE PRESSORE VERTICALE VERTICAL PRESSER MOTOR	4P F 90°	IT3108A18-10SN4N12(CF30)	VEAM	213812800	362
+C1-X363	CONNETTORE CONNECTOR	ENCODER PRESSORE VERTICALE VERTICAL PRESSER ENCODER	17P F 90°	IT4108A20-29SN4PHM18(CF30)	VEAM	213812900	363
+A-X364	CONNETTORE CONNECTOR	ENCODER PRESSORE VERTICALE VERTICAL PRESSER ENCODER	6P F	JZSP-CMP9-1	YASKAWA	2138A0318	364
+A-X365	CONNETTORE CONNECTOR	SEGNALI PRESSORE VERTICALE VERTICAL PRESSER SIGNALS	26P M	MDR????		2138A0618	365
+C1-X366	CONNETTORE CONNECTOR	FRENO ASSE W1 W1 AXIS BRAKE	3P F 90°	IT3108A10SL-3SN4N12(10)	VEAM	2138A0335	366
+C1-X367	CONNETTORE CONNECTOR	MOTORE ASSE W1 SHAFT MOTOR W1	4P F 90°	IT3108A18-10SN4N12(CF30)	VEAM	213812800	367
+C1-X368	CONNETTORE CONNECTOR	ENCODER ASSE W1 SHAFT ENCODER W1	17P F 90°	IT4108A20-29SN4PHM18(CF30)	VEAM	213812900	368
+A-X369	CONNETTORE CONNECTOR	ENCODER ASSE W1 SHAFT ENCODER W1	6P F	JZSP-CMP9-1	YASKAWA	2138A0318	369
+A-X370	CONNETTORE CONNECTOR	SEGNALI ASSE W1 SHAFT SIGNALS W1	26P M	MDR????		2138A0618	370
+C1-X380	CONNETTORE CONNECTOR	FIELD BUS TESTA SUPERIORE UPPER HEAD FIELD BUS	5P F M12	V8A5000-325	BRAD&HARRISON	2138A0467	380
+C2-M40120	MOTORE MOTOR	MANDRINO 1 TESTA INFERIORE SPINDLE 1 LOWER HEAD	380VAC 1,7kW 4A	EMMT CMP8867S ????????	CEG	6410A0181	401
+C2-M40160	MOTORE MOTOR	MANDRINO 2 TESTA INFERIORE SPINDLE 2 LOWER HEAD	380VAC 1,7kW 4A	EMMT CMP8867S ????????	CEG	6410A0181	401
+A-Q40120	INTERRUTTORE MAGNETOTERMICO THERMO MAGNETIC SWITCH	MANDRINO 1 TESTA INFERIORE SPINDLE 1 LOWER HEAD	3,5-5A S0 3P	3RV 3RV1021-1FA10	SIEMENS	2101A0046	401
+A-Q40160	INTERRUTTORE MAGNETOTERMICO THERMO MAGNETIC SWITCH	MANDRINO 2 TESTA INFERIORE SPINDLE 2 LOWER HEAD	3,5-5A S0 3P	3RV 3RV1021-1FA10	SIEMENS	2101A0046	401
+A-Z40130	FILTRO RC RC filter	MANDRINO 1 TESTA INFERIORE SPINDLE 1 LOWER HEAD	0,22µF 10+100OHM 750V 7.5kW	R101.8 10-05	ACTRONIC	2163A0046	401
+A-Z40170	FILTRO RC RC filter	MANDRINO 2 TESTA INFERIORE SPINDLE 2 LOWER HEAD	0,22µF 10+100OHM 750V 7.5kW	R101.8 10-05	ACTRONIC	2163A0046	401
+C2-M40620	MOTORE MOTOR	ASSE Z1 Z1 AXIS	400VAC 0,45kW 1,9A 1500rpm	SGMGH-05DCA YG14	YASKAWA	2204A0083	406
+A-R40650	RESISTENZA RESISTANCE	FRENATURA BRAKING	75Ohm 600W	RFXT/S 600 75	FAIRFIELD	2122A0153	406
+A-U40620	AZIONAMENTO DRIVE	ASSE Z1 Z1 AXIS	1kW 400V 3P 50/60Hz	SGDM-10DN	YASKAWA	2159A0096	406
+A-U40670	TERMINATORE TERMINATOR	MECHATROLINK MECHATROLINK	120OHM 1/4W	JEPMC-W6020	YASKAWA	2138A0321	406
+A-V40610	MORSETTO TERMINAL	FRENO ASSE Z1 Z1 AXIS BRAKE	2,5mm² - 4 CONN.	280-623 + 281-411	WAGO	211306300	406

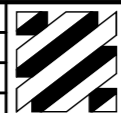
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TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		32	34
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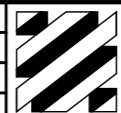


## PARTS LIST

SEF	DESIGNATION	FUNCTION TEXT	ELECTRICAL PAR.	MODEL NUMBER	MANUFACTURER	BIESSE CODE	PAGE
+A-K41010	CONTATTORE CONTACTOR	MARCIA MANDRINO 1 TESTA 2 SPINDLE 1 HEAD 2 START	4kW 9A S00 3P	3RT 3RT1016-2BB42	SIEMENS	2105A0166	410
+A-K41020	CONTATTORE CONTACTOR	MARCIA MANDRINO 2 TESTA 2 SPINDLE 2 HEAD 2 START	4kW 9A S00 3P	3RT 3RT1016-2BB42	SIEMENS	2105A0166	410
+A-K41030	RELE' RELAY	FRENO ASSE Z1 Z1 AXIS BRAKE	4P 24VDC 5A	MY4 MY4N-D2 24VDC(S)	OMRON	2105A0261	410
+C2-S42010	FINECORSA LIMIT SWITCH	ASSE Z1 Z1 AXIS	3 P.	BNS 819-B03-D12-61-12-10	BALLUFF	2104A0212	420
+C2-U42200	SCATOLA DI DERIVAZIONE CONNECTOR BLOCK	DERIVAZIONE POTENZA TESTA INFERIORE LOWER HEAD POWER BRANCH	4P M12 PNP	BTY4160-FBA	BRAD&HARRISON	2165A0094	422
+C2-W42210	CAVO CABLE	ALIMENTAZIONE TESTA INFERIORE LOWER HEAD POWER SUPPLY	1m 4x0,35 - M M12 / F M8	CP M12M4P-M8F4P ?????????	?????????	6480A0090	422
+C2-W42230	CAVO CABLE	ALIMENTAZIONE TESTA INFERIORE LOWER HEAD POWER SUPPLY	1m 4x0,35 - M M12 / F M8	CP M12M4P-M8F4P ?????????	?????????	6480A0090	422
+C2-W42250	CAVO CABLE	ALIMENTAZIONE TESTA INFERIORE LOWER HEAD POWER SUPPLY	1m 4x0,35 - M M12 / F M8	CP M12M4P-M8F4P ?????????	?????????	6480A0090	422
+C2-W42270	CAVO CABLE	ALIMENTAZIONE TESTA INFERIORE LOWER HEAD POWER SUPPLY	1m 4x0,35 - M M12 / F M8	CP M12M4P-M8F4P ?????????	?????????	6480A0090	422
+C2-U42810	SCHEDA ESPANSIONE EXPANSION CARD	TESTA INFERIORE LOWER HEAD	FIELDBUS ENET-x 1 OUT EXP. SX	PM41 PM41A SX	HSD	0109DE041A0	428
+C2-U42810	SCHEDA INTERFACCIA INTERFACE CARD	TESTA INFERIORE LOWER HEAD	FIELDBUS ENET-x 16OUT VALVE	CE305 CE305A	HSD	0109DE305A0	428
+C2-U42810	SCHEDA ESPANSIONE EXPANSION CARD	TESTA INFERIORE LOWER HEAD	FIELDBUS ENET-x 3 OUT EXP. DX	PM40 PM40A DX	HSD	0109DE040A1	428
+C2-U42810	SCHEDA ESPANSIONE EXPANSION CARD	TESTA INFERIORE LOWER HEAD	FIELDBUS ENET-x 3 OUT EXP. SX	PM40 PM40A SX	HSD	0109DE040A0	428
+C2-W42830	CAVO CABLE	FIELDBUS TESTA INFERIORE LOWER HEAD FIELDBUS	0,5m 5x0,35 - M M12 / F M12	?????????	?????????	6480A0087	428
+C2-W43080	CAVO CABLE	ESPANSIONE TESTA INFERIORE LOWER HEAD EXPANSION	FIELDBUS ENET-x 0,8m	CE42 CE42A	HSD	0109DE042A0	430
+C2-U43110	SCHEDA ESPANSIONE EXPANSION CARD	TESTA INFERIORE LOWER HEAD	FIELDBUS ENET-x 3 OUT EXP. DX	PM40 PM40A DX	HSD	0109DE040A1	431
+C2-U43110	SCHEDA ESPANSIONE EXPANSION CARD	TESTA INFERIORE LOWER HEAD	FIELDBUS ENET-x 3 OUT EXP. SX	PM40 PM40A SX	HSD	0109DE040A0	431
+C2-U43110	SCHEDA ESPANSIONE EXPANSION CARD	TESTA INFERIORE LOWER HEAD	FIELDBUS ENET-x 1 OUT EXP. SX	PM41 PM41A SX	HSD	0109DE041A0	431
+C2-U43110	SCHEDA INTERFACCIA INTERFACE CARD	TESTA INFERIORE LOWER HEAD	FIELDBUS ENET-x 16OUT VALVE	CE305 CE305A	HSD	0109DE305A0	431
+C2-W43130	CAVO CABLE	FIELDBUS TESTA INFERIORE LOWER HEAD FIELDBUS	0,5m 5x0,35 - M M12 / F M12	?????????	?????????	6480A0087	431
+C2-S43550	SENSORE SENSOR	PIANO ALTO TOP PLATFORM	3P NO	1500 RS.DCNO	PNEUMAX	2164A0320	435
+C2-S43560	SENSORE SENSOR	PIANO BASSO DOWN TABLE	3P NO	1500 RS.DCNO	PNEUMAX	2164A0320	435
+C2-S43570	SENSORE SENSOR	BATTUTA ALTA UPPER STOP	3P NO	1500 RS.DCNO	PNEUMAX	2164A0320	435

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BILL OF MATERIAL

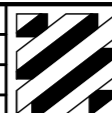
CUSTOMER		PREV.	SUBS.
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		33	35
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SEF	DESIGNATION	FUNCTION TEXT	ELECTRICAL PAR.	MODEL NUMBER	MANUFACTURER	BIESSE CODE	PAGE
+C2-U43510	SCATOLA DI DERIVAZIONE CONNECTOR BLOCK	TESTA INFERIORE LOWER HEAD	FIELD BUS ENET-x 8DI M8 PNP IP67	CE201 CE201A	HSD	0109DE201A0	435
+C2-W43550	CAVO CABLE	PIANO ALTO TOP PLATFORM	1,5m 3x0,35 -M8m3p / M8f3p 90° SNAP	543031E03M015 ?????????	BRAD&HARRISON	6480A0095	435
+C2-W43560	CAVO CABLE	PIANO BASSO DOWN TABLE	1,5m 3x0,35 -M8m3p / M8f3p 90° SNAP	543031E03M015 ?????????	BRAD&HARRISON	6480A0095	435
+C2-W43570	CAVO CABLE	BATTUTA ALTA UPPER STOP	1,5m 3x0,35 -M8m3p / M8f3p 90° SNAP	543031E03M015 ?????????	BRAD&HARRISON	6480A0095	435
+C2-U44000	ADATTATORE ADAPTER	TESTA INFERIORE LOWER HEAD	2 FIELD BUS 2 POWER SUPPLY	?????????	BRAD&HARRISON	6480A0122	440
+C2-U44110	SCHEDA INTERFACCIA INTERFACE CARD	TESTA INFERIORE LOWER HEAD	FIELD BUS ENET-x 16OUT PNEUMAX	PM57 PM57B	HSD	0103D057B	441
+C2-Y44120	ELETTROVALVOLA MAGNET VALVE	MANDRINO ORIZZONTALE 1 HORIZONTAL SPINDLE 1	5/2 1/8"	2435.52.00.35.82	PNEUMAX	6425A0015	441
+C2-Y44130	ELETTROVALVOLA MAGNET VALVE	MANDRINO ORIZZONTALE 2 HORIZONTAL SPINDLE 2	5/2 1/8"	2435.52.00.35.82	PNEUMAX	6425A0015	441
+C2-Y44140	ELETTROVALVOLA MAGNET VALVE	MANDRINO ORIZZONTALE 3 HORIZONTAL SPINDLE 3	5/2 1/8"	2435.52.00.35.82	PNEUMAX	6425A0015	441
+C2-Y44150	ELETTROVALVOLA MAGNET VALVE	MANDRINO ORIZZONTALE 4 HORIZONTAL SPINDLE 4	5/2 1/8"	2435.52.00.35.82	PNEUMAX	6425A0015	441
+C2-Y44160	ELETTROVALVOLA MAGNET VALVE	MANDRINO ORIZZONTALE 5 HORIZONTAL SPINDLE 5	5/2 1/8"	2435.52.00.35.82	PNEUMAX	6425A0015	441
+C2-Y44170	ELETTROVALVOLA MAGNET VALVE	MANDRINO ORIZZONTALE 6 HORIZONTAL SPINDLE 6	5/2 1/8"	2435.52.00.35.82	PNEUMAX	6425A0015	441
+C2-U44500	ADATTATORE ADAPTER	TESTA INFERIORE LOWER HEAD	2 FIELD BUS 2 POWER SUPPLY	?????????	BRAD&HARRISON	6480A0122	445
+C2-U44610	SCHEDA INTERFACCIA INTERFACE CARD	TESTA INFERIORE LOWER HEAD	FIELD BUS ENET-x 16OUT PNEUMAX	PM57 PM57B	HSD	0103D057B	446
+C2-Y44620	ELETTROVALVOLA MAGNET VALVE	BANDELLA BAND	5/2 1/8"	2435.52.00.39.82	PNEUMAX	6425A0016	446
+C2-Y44640	ELETTROVALVOLA MAGNET VALVE	PIANO AUSILIARIO AUXILIARY PLATFORM	5/2 1/8"	2435.52.00.39.82	PNEUMAX	6425A0016	446
+C2-Y44651	ELETTROVALVOLA MAGNET VALVE	VELO ARIA INFERIORE SECONDARIO SECONDARY BOTTOM AIR JET	5/2 1/8"	2435.52.00.39.82	PNEUMAX	6425A0016	446
+C2-Y44650	ELETTROVALVOLA MAGNET VALVE	VELO ARIA INFERIORE PRINCIPALE MAIN BOTTOM AIR JET	5/2(3/2+3/2) 1/8"	?????????	PNEUMAX	6425A0097	446
+C2-X461	CONNETTORE CONNECTOR	FRENO ASSE Z1 Z1 AXIS BRAKE	3P F 90°	IT3108A10SL-3SN4N12(10)	VEAM	2138A0335	461
+C2-X462	CONNETTORE CONNECTOR	MOTORE ASSE Z1 SHAFT MOTOR Z1	4P F 90°	IT3108A18-10SN4N12(CF30)	VEAM	213812800	462
+C2-X463	CONNETTORE CONNECTOR	ENCODER ASSE Z1 SHAFT ENCODER Z1	17P F 90°	IT4108A20-29SN4PHM18(CF30)	VEAM	213812900	463
+A-X464	CONNETTORE CONNECTOR	ENCODER ASSE Z1 SHAFT ENCODER Z1	6P F	JZSP-CMP9-1	YASKAWA	2138A0318	464
+A-X465	CONNETTORE CONNECTOR	SEGNALI ASSE Z1 SHAFT SIGNALS Z1	26P M	MDR????		2138A0618	465

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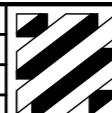
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TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		34	36
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+C2-X480	CONNETTORE CONNECTOR	FIELD BUS TESTA INFERIORE LOWER HEAD FIELD BUS	5P F M12	V8A5000-325	BRAD&HARRISON	2138A0467	480
+A-W50520	TUBO PIPE	AUSILIARI TRANSFER DI SCARICO UNLOADING TRANSFER AUXILIARIES	AD28,5	ROHRflex - PA 6-S PA 6-S AD28,5	ELEKTROZUBEHÖR	2134A0106	505
+G-M50610	MOTORE MOTOR	TRASPORTATORE 1 TRANSPORT 1	380VAC 0,37kW 1,2A	4P B5 V220	ICME	2201A0272	506
+G-U50610	INVERTER INVERTER	TRASPORTATORE 1 TRANSPORT 1	1,1kW 400V 3P	CIMR-V7CC40P77	YASKAWA	2157A0080	506
+A-W50610	TUBO PIPE	POTENZA TRANSFER DI SCARICO UNLOADING TRANSFER OUTPUT	AD28,5	ROHRflex - PA 6-S PA 6-S AD28,5	ELEKTROZUBEHÖR	2134A0106	506
+G-B51010	FOTOCCELLULA PHOTOCELL	PRESENZA PANNELLO PANEL PRESENT	M18 24VDC PNP 400mm IP67	SS7/0P-0E	MICRO DETECTORS	2164A0442	510
+G-B51020	FOTOCCELLULA PHOTOCELL	BANCO LIBERO CONVEYOR FREE	M18 24VDC PNP 400mm IP67	SS7/0P-0E	MICRO DETECTORS	2164A0442	510
+G-S51030	SENSORE SENSOR	CINGHIE ALTE BELTS UP	3P NO	1500 RS.DCNO	PNEUMAX	2164A0320	510
+G-Y51310	ELETTROVALVOLA MAGNET VALVE	SALITA CINGHIE BELTS LIFTING	5/2 1/8"	?????????	?????????	2304A0184	513
+G-Y51320	ELETTROVALVOLA MAGNET VALVE	SOFFIO BLOWER	5/2 1/8"	?????????	?????????	2304A0184	513
+G-U51620	SCHEDA CARD	TRANSFER DI SCARICO UNLOADING TRANSFER	FIELD BUS ENET-x 16DI+16RO IP20	P260 P260C	HSD	0102D262C	516
+G-X531	MORSETTO TERMINAL	AUSILIARI TRANSFER DI SCARICO UNLOADING TRANSFER AUXILIARIES	??mm <sup>2</sup> - 1 CONN. - 1 PIN	769-176	WAGO	2113A0102	531
+P-S55110	PULSANTE FUNGO MUSHROOM-SHAPED PUSH-BUTTON	EMERGENZA EMERGENCY	RED Ø40	3SB 3SB3000-1HA20	SIEMENS	2118A0034	551
+P-S55140	PULSANTE LUMINOSO BACKLIGHTED PUSH-BUTTON	START CICLO CYCLE START	WHITE	3SB 3SB3001-0AA61	SIEMENS	2118A0009	551
+P-S55150	PULSANTE LUMINOSO BACKLIGHTED PUSH-BUTTON	OG	YELLOW	3SB 3SB3001-0AA31	SIEMENS	2118A0012	551
+A-W55110	TUBO PIPE	PULSANTIERA PUSHBUTTON PANEL	AD21,2	ROHRflex - PA 6-S PA 6-S AD21,2	ELEKTROZUBEHÖR	2134A0115	551
+P-S55510	PULSANTE A PEDALE FOOTSWITCH	PEDALE PEDAL		PX10311	PIZZATO	211800100	555
+A-W55510	TUBO PIPE	PEDALE PEDAL	Ø12 RAL 9005	ROHRflex - PA 12 PA 12 AD15,8	ELEKTROZUBEHÖR	2134A0028	555
+P-BOX56000	CASSETTA BOX	PULSANTIERA PUSHBUTTON PANEL	150x90x80 (HxLxP)	AC A2B 0915.04	ILME	2165A0001	560
+E-S57610	PULSANTE FUNGO MUSHROOM-SHAPED PUSH-BUTTON	EMERGENZA EMERGENCY	RED Ø30	3SB 3SB2000-1AC01	SIEMENS	210605300	576
+E-S57640	COMMUTATORE CHANGE-OVER SWITCH	OVERRIDE OVERRIDE	T=16	CB1/1X16B	?????????	2103A0001	576
+A-W57610	TUBO PIPE	OVERRIDE OVERRIDE	Ø12 RAL 9005	ROHRflex - PA 12 PA 12 AD15,8	ELEKTROZUBEHÖR	2134A0028	576
+E-BOX58000	CASSETTA BOX	OVERRIDE OVERRIDE	105x70x55 (HxLxP)	03080	SAREL	2165A0003	580

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+D-E60210	VENTILATORE FAN	INTERNO PULPITO CONSOLE FAN	220V - 130x130	AC3301	CEM	2161A0035	602
+A-W60210	TUBO PIPE	PULPITO AUSILIARI AUXILIARIES CONSOLE	AD42,5	ROHRflex - PA 6-S PA 6-S AD42,5	ELEKTROZUBEHÖR	2134A0013	602
+D-U60500	PERSONAL COMPUTER PERSONAL COMPUTER	PC PC	WINXP PRO - ETHERNET - RS232	?????????	HP-COMPAQ	6385A0183	605
+D-U60570	MONITOR LCD LCD SCREEN	MONITOR MONITOR	15" TFT	?????????	HP-COMPAQ	2151A0039	605
+D-U60800	SCHEDA INTERFACCIA INTERFACE CARD	PC600 PC600	FIELD BUS ENET-x 4CH. 15 AXES	PC600 XP615	HSD	0110D0004	608
+A-W60800	TUBO PIPE	PULPITO SEGNALI CONSOLE SIGNALS	AD42,5	ROHRflex - PA 6-S PA 6-S AD42,5	ELEKTROZUBEHÖR	2134A0013	608
+D-W60860	CAVO CABLE	MECHATROLINK MECHATROLINK	15m USB M/M	?????????	?????????	6480A0311	608
+D-S61010	PULSANTE FUNGO MUSHROOM-SHAPED PUSH-BUTTON	EMERGENZA EMERGENCY	RED Ø40	ZB4 ZB4-BS844	TELEMECANIQUE	2118A0101	610
+D-S61020	PULSANTE PUSH.BUTTON SW.	ARRESTO ORDINARIO ORDINARY STOPPAGE	BLACK	ZB4 ZB4-BA2	TELEMECANIQUE	2118A0108	610
+D-S61030	SELETTORE SELECTOR	ATTREZZAGGIO TOOLING	0-1	ZB4 ZB4-BG4	TELEMECANIQUE	2106A0093	610
+D-S61050	PULSANTE LUMINOSO BACKLIGHTED PUSH-BUTTON	INSERITO MACCHINA MACHINE ENABLING	GREEN	ZB4 ZB4-BW333	TELEMECANIQUE	2118A0103	610
+D-S61110	PULSANTE LUMINOSO BACKLIGHTED PUSH-BUTTON	HOLD HOLD	YELLOW	ZB4 ZB4-BW353	TELEMECANIQUE	2118A0136	611
+D-U61500	SCHEDA INTERFACCIA INTERFACE CARD	INTERFACCIA PULPITO CONSOLE INTERFACE	23 KEY - 17 LED	P801 P801A	HSD	0102D801A0	615
+D-BOX62000	PULPITO PC PC CONSOLE	PULPITO CONSOLE	1763x550x600 (HxLxP) RAL 7035	13-16-K0200	?????????	K1316K0200	620
+D-U62200	TASTIERA A MEMBRANA SOFT KEYPAD	PULPITO CONSOLE	23 KEY - 17 LED	?????????	TASTITALIA	2151A0045	622
+D-X631	MORSETTO TERMINAL	AUSILIARI PULPITO CONSOLE AUXILIARIES	??mm <sup>2</sup> - 1 CONN. - 1 PIN	769-176	WAGO	2113A0102	631
+D-X632	MORSETTO TERMINAL	AUSILIARI PULPITO CONSOLE AUXILIARIES	??mm <sup>2</sup> - 1 CONN. - 1 PIN	769-176	WAGO	2113A0102	632
+D-X633	MORSETTO TERMINAL	AUSILIARI PULPITO CONSOLE AUXILIARIES	??mm <sup>2</sup> - 1 CONN. - 1 PIN	769-176	WAGO	2113A0102	633
+A-U90220	SCHEDA	QUADRO CENTRE	FIELD BUS ENET-x 16DI+16RO IP20	P260 P260C	HSD	0102D262C	902
+A-U90420	SCHEDA	QUADRO CENTRE	FIELD BUS ENET-x 16DI+16RO IP20	P260 P260C	HSD	0102D262C	904
+A-U90630	SCHEDA ENCODER	QUADRO CENTRE	FIELD BUS ENET-x 3 CH. IP20	P230 PE230B	HSD	0102DE230B0	906
+A-U91000	SCHEDA HUB HUB CARD	HUB	FIELD BUS ENET-x 4 CH. IP20	PM55 PM55A FB40	HSD	0102D055A1	910
+A-W91051	TUBO PIPE	AUSILIARI TRANSFER DI SCARICO UNLOADING TRANSFER AUXILIARIES	AD28,5	ROHRflex - PA 6-S PA 6-S AD28,5	ELEKTROZUBEHÖR	2134A0106	910

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				PROC.	GGraziosi			TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		36	38
				CHECK				<b>SKIPPER 100</b>	SERIAL NUMBER	DIAGRAM	PAGE
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SEF	DESIGNATION	FUNCTION TEXT	ELECTRICAL PAR.	MODEL NUMBER	MANUFACTURER	BIESSE CODE	PAGE
+A-BOX94100	ARMADIO ELETTRICO DISTRIBUTION CABINET	ARMADIO ELETTRICO	650x1530x860 (HxLxP) RAL 7035	13-16-K0283	?????????	K1316K0283	941

DISTINTA BASE ARTICOLO MULTILINGUE BIESSE

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DISTINTA MATERIALE  
BILL OF MATERIAL

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 37	SUBS. 48
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**NOTE GENERALI:  
GENERAL NOTES:**

TENSIONE DI ALIMENTAZIONE 380V AC SENZA NEUTRO ±5%  
SUPPLY VOLTAGE 380V AC WITHOUT NEUTRAL ±5%

CIRCUITI AUSILIARI 24V DC  
AUXILIARY CIRCUITS 24V DC

MATERIALI STANDARD  
STANDARD MATERIALS

**NOTE DI CABLAGGIO:  
NOTES ON WIRING:**

COLORE FILI:  
CABLE COLOURS:

NERO BLACK	TENSIONE ALTERNATA ALTERNATING VOLTAGE
BLU BLUE	TENSIONE CONTINUA A 24V ALTERNATING VOLTAGE AT 24V
ARANCIO ORANGE	SCAMBIO CON CIRCUITI ESTERNI EXCHANGE WITH EXTERNAL CIRCUITS
GIALLO/VERDE YELLOW/GREEN	TERRA EARTH

SEZIONE FILI:  
CABLE SECTION:

SEZIONE MINIMA DEI CONDUTTORI UNIPOLARI E' DI 1 mm<sup>2</sup> PER I CIRCUITI AUSILIARI E DI 2,5 mm<sup>2</sup> PER LA FORZA MOTTRICE  
MINIMUM SECTION FOR MONOPOLAR CONDUCTORS IS 1 mm<sup>2</sup> FOR AUXILIARY CIRCUITS AND 2,5 mm<sup>2</sup> FOR DRIVING POWER

SEZIONE MINIMA DEI CONDUTTORI RAGGRUPPATI IN CAVO UNICO E' DI 1 mm<sup>2</sup>  
MINIMUM SECTION FOR CONDUCTORS GROUP IN A SINGLE CABLE IS 1 mm<sup>2</sup>

SEZIONE MINIMA DEI CONDUTTORI ADIBITI AL CABLAGGIO DI CIRCUITI ELETTRONICI E' DI 0,25 mm<sup>2</sup>  
MINIMUM SECTION FOR CONDUCTORS SUITABLE FOR ELECTRONIC CIRCUIT WIRING IS 0,25 mm<sup>2</sup>

PORTATA MASSIMA DEI SINGOLI CONDUTTORI = 6A/mm<sup>2</sup>  
MAXIMUM CAPACITY PER CONDUCTOR = 6A/mm<sup>2</sup>

CABLAGGIO FILI:  
CABLE WIRING:

METTERE UN FILO PER OGNI CAPICORDA  
CONNECT ONE WIRE PER TERMINAL LUG

COLLEGARE NELLE MORSETTIERE UN FILO PER OGNI MORSETTO  
CONNECT ONE WIRE PER TERMINAL IN THE TERMINAL BOARDS

NEI COMPONENTI CHE PREVEDONO 2 FILI PER OGNI CONNESSIONE E' POSSIBILE COLLEGARLI  
CAN BE CONNECTED TO COMPONENTS THAT ARE PREPARED FOR 2 WIRES PER CONNECTION

SOLO SU MORSETTIERA A MOLLA NON INTESTARE FILI DI SEZIONE MAGGIORE DI 1mm<sup>2</sup> CON PUNTALINO  
FOR THE SNAP-ON TERMINAL BOARD ONLY, DO NOT CONNECT METAL-END WIRES WITH SECTIONS OVER 1mm<sup>2</sup>

PER TUTTI I CAVI DI DISTRIBUZIONE FIELD BUS E PER TUTTI I CAVI POSA MOBILE UTILIZZARE ESCLUSIVAMENTE I MODELLI SPECIFICATI NELLO SCHEMA  
USE ONLY THE MODELS SPECIFIED IN THE DIAGRAM FOR ALL FIELD BUS DISTRIBUTION CABLES AND CABLES FOR MOBILE LAYING

MESSA A TERRA DELL'IMPIANTO:  
SYSTEM EARTHING:

TUTTI I CAVI DI TERRA HANNO UNA SOLA ORIGINE  
ALL EARTH CABLES HAVE ONLY ONE SOURCE

NON ESISTONO COLLEGAMENTI AD ANELLO  
THERE ARE NO LOOP CONNECTIONS

LE PARTI MOBILI DELL'ARMADIO SONO COLLEGATE ALLA CARCASSA ED AL MORSETTO DI TERRA CON FILO GIALLO/VERDE DI SEZIONE 6 mm<sup>2</sup>  
THE CABINET MOVING PARTS ARE CONNECTED TO THE CASING AND TO THE EARTH TERMINAL BY A 6 mm<sup>2</sup> YELLOW/GREEN CABLE

TUTTI I PANNELLI PER IL FISSAGGIO COMPONENTI SONO MESSI A TERRA CON UN FILO GIALLO/VERDE DI SEZIONE 6 mm<sup>2</sup>  
ALL THE BOARD WHERE COMPONENTS SHOULD BE FIXED ARE GROUNDED BY A 6 mm<sup>2</sup> YELLOW/GREEN CABLE


SIGLATURA COMPONENTI, FILI, MORSETTIERE E CONNETTORI:  
CODING COMPONENTS, CABLES, TERMINAL BOARDS AND CONNECTORS:

PER I COMPONENTI LA SIGLA E' FORMATA DAL SUFFISSO LETTERALE + IL NUMERO DELLA PAGINA + IL NUMERO DELLA COLONNA (1 CIFRA) + IL NUMERO PROGRESSIVO NELLA COLONNA (1 CIFRA)  
EACH COMPONENT CODE CONSISTS OF A LETTER AS PREFIX + THE PAGE NUMBER + THE NUMBER OF (1 DIGIT COLUMN) + THE PROGRESSIVE NUMBER ON THE (1 DIGIT COLUMN)

PER I FILI IL NUMERO E' FORMATO DAL NUMERO DELLA PAGINA + IL NUMERO DELLA COLONNA (1 CIFRA) + IL NUMERO PROGRESSIVO NELLA COLONNA (1 CIFRA)  
EACH WIRE NUMBER CONSISTS OF THE PAGE NUMBER + THE NUMBER OF (1 DIGIT COLUMN) + THE PROGRESSIVE NUMBER ON THE (1 DIGIT COLUMN)

PER LE MORSETTIERE E PER I CONNETTORI LA SIGLA E' FORMATA DAL SUFFISSO LETTERALE X + IL NUMERO DELLA PAGINA IN CUI E' STATA RAPPRESENTATA  
EACH TERMINAL BOARD AND CONNECTOR CODE CONSISTS OF THE LETTER X AS A PREFIX + THE PAGE NUMBER WHERE IT IS SHOWN


ETICHETTARE TUTTI I COMPONENTI SIA SULLA PIASTRA CHE SUL COMPONENTE STESSO  
LABEL ALL THE COMPONENTS WHETHER ON THE PLATE OR ON THE COMPONENT ITSELF

			MODIF.	07/12/2007		NOTE GENERALI DI CABLAGGIO GENERAL NOTES ON WIRING:	CUSTOMER		PREV.	SUBS.
			PROC.	GGraziosi			TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		38	50
			CHECK				<b>SKIPPER 100</b>	SERIAL NUMBER	DIAGRAM	PAGE
REVISION NR.	DATE	NAME	NORM				22127	22127 - 01		

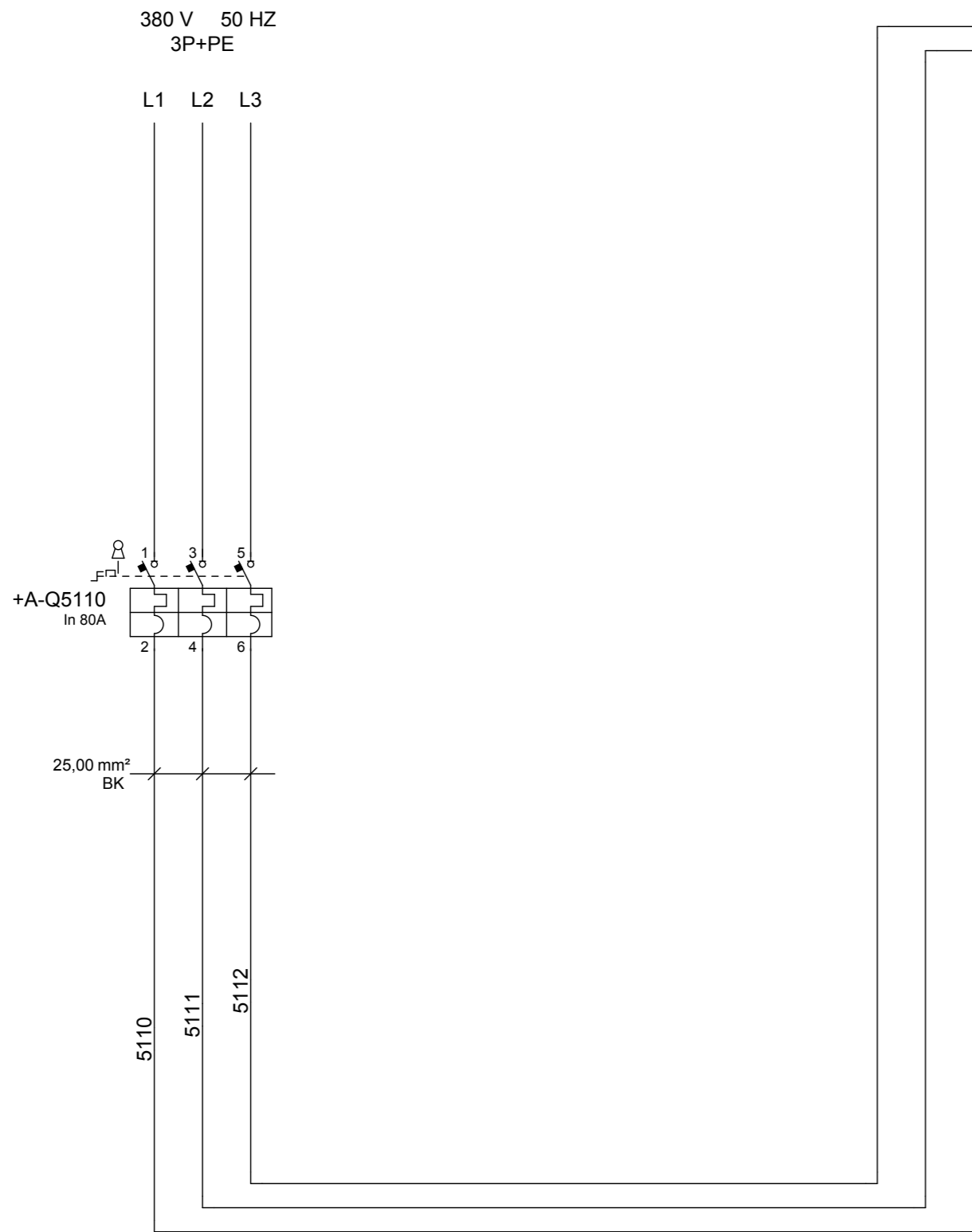
0 1 2 3 4 5 6 7 8 9

# ALIMENTAZIONE GENERALE

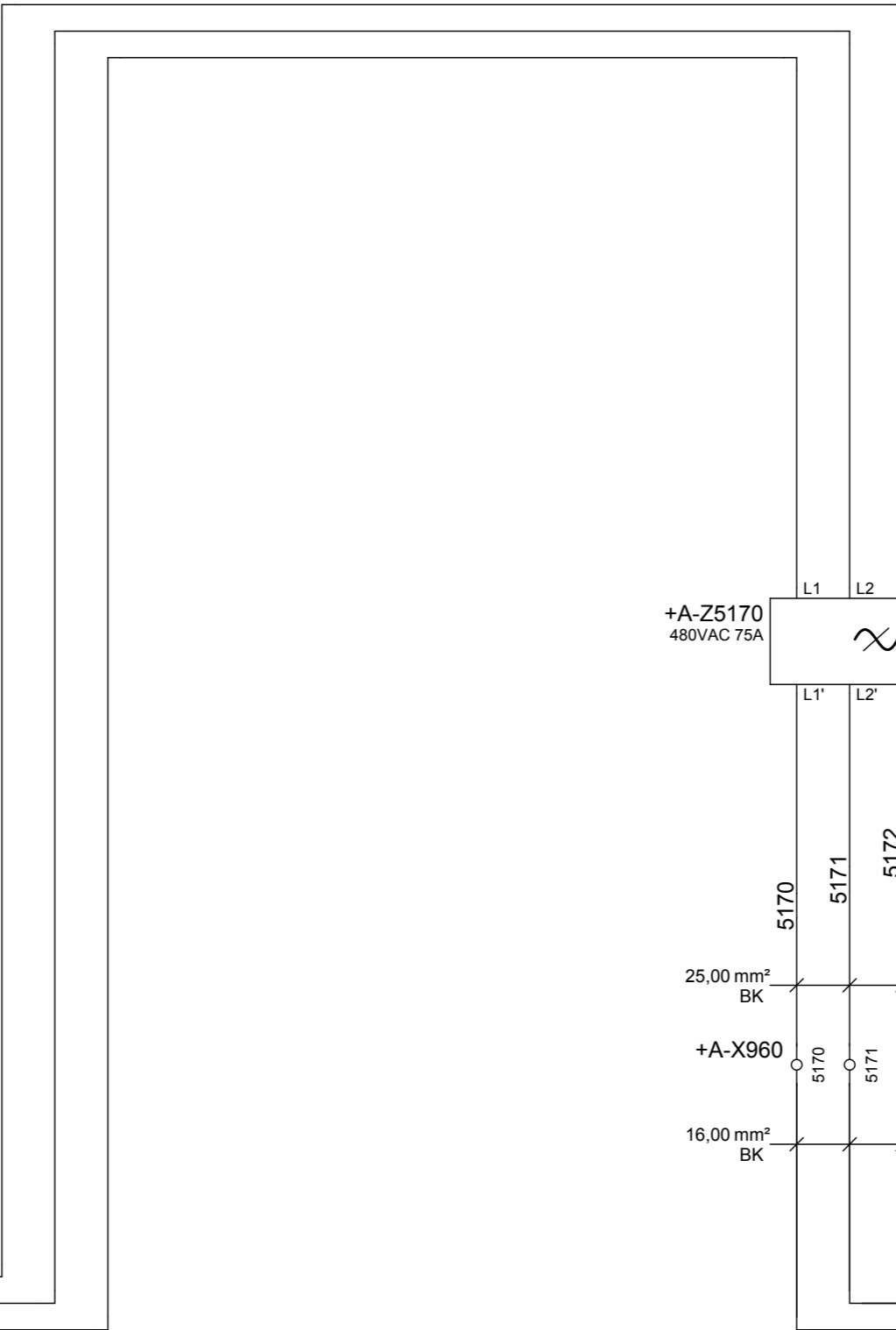
## MAIN POWER SUPPLY

			MODIF.	07/12/2007	 <b>BIESSE</b>	ALIMENTAZIONE GENERALE		CUSTOMER		PREV.	SUBS.
			PROC.	GGraziosi		MAIN POWER SUPPLY		TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		48	51
			CHECK					SKIPPER_100			
REVISION NR.	DATE	NAME	NORM				SERIAL NUMBER	DIAGRAM	PAGE		
							22127	22127 - 01			50

0 1 2 3 4 5 6 7 8 9



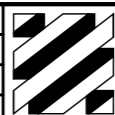
GENERALE  
MAIN



GENERALE  
MAIN

5172 / /53.00  
5171 / /53.00  
5170 / /53.00

REVISION NR.	DATE	NAME	NORM

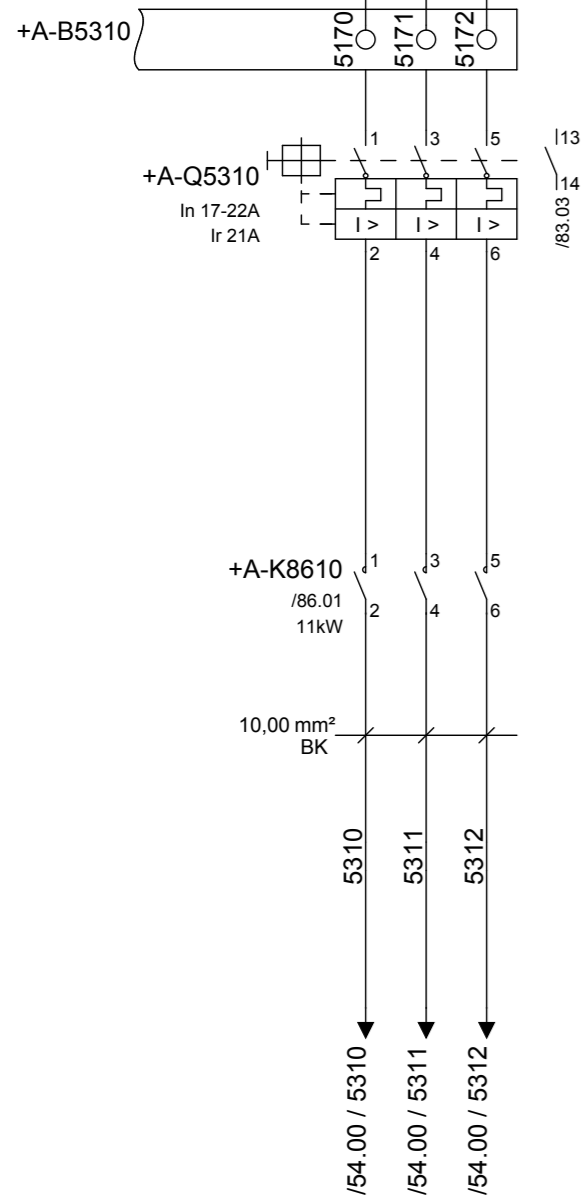
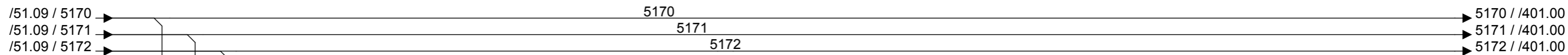


**BIESSE**

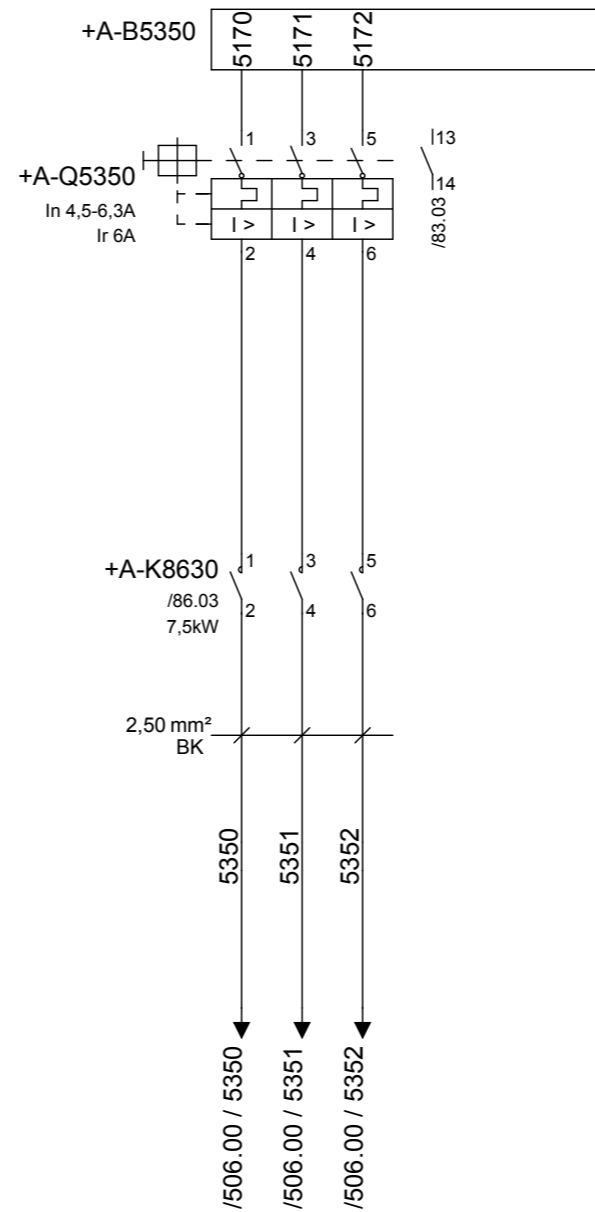
ALIMENTAZIONE GENERALE  
MAIN POWER SUPPLY

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV. 50	SUBS. 53
<b>SKIPPER_100</b>	SERIAL NUMBER 22127	DIAGRAM 22127 - 01
		PAGE 51





ABILITAZIONE AZIONAMENTI 1  
ENABLE DRIVERS 1



CINGHIE  
BELTS

REVISION NR.	DATE	NAME	NORM

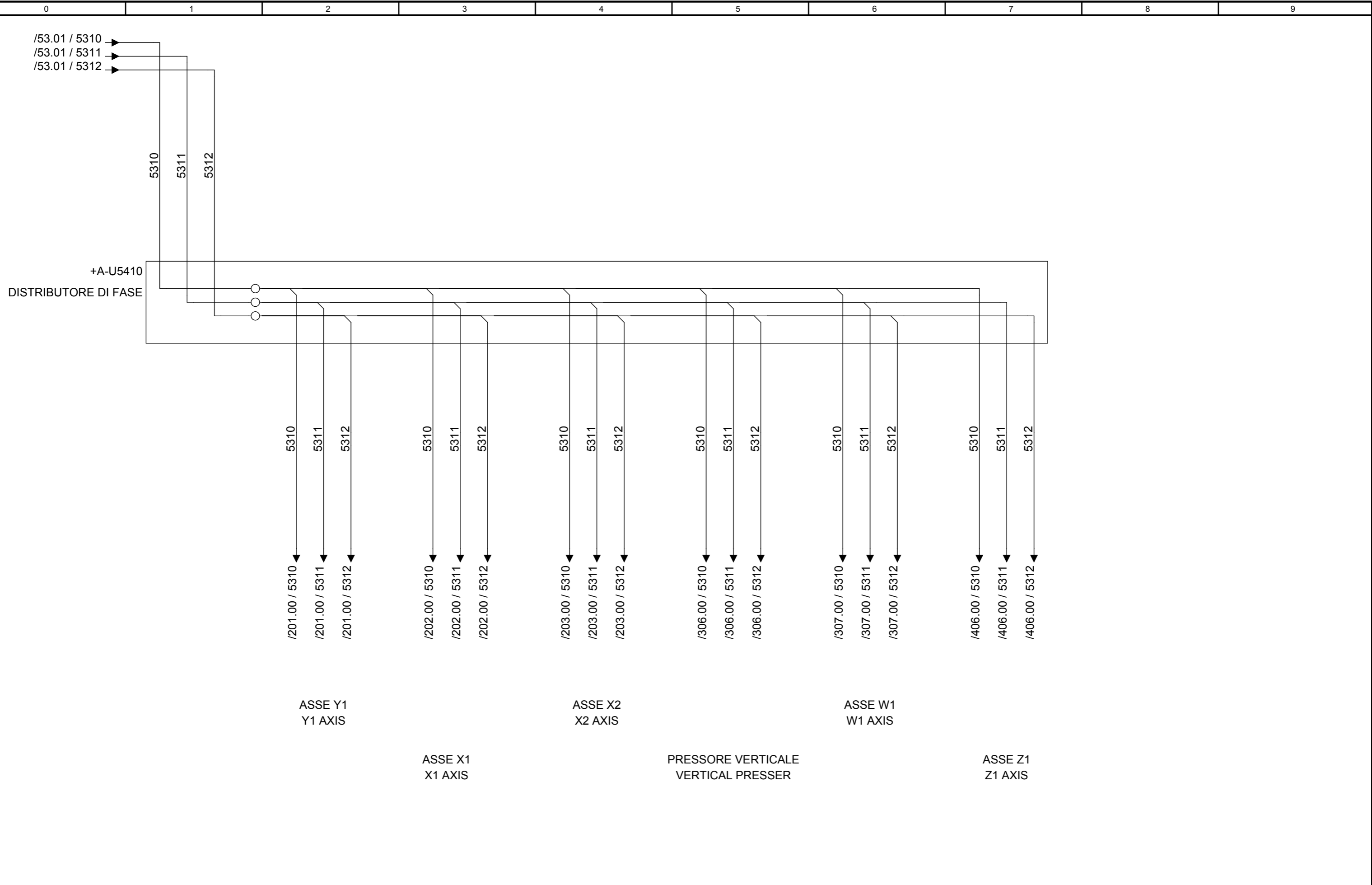
MODIF.	07/12/2007
PROC.	GGraziosi
CHECK	



**BIESSE**

ALIMENTAZIONE MOTORI  
MOTOR POWER SUPPLY

CUSTOMER		PREV.	SUBS.
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		51	54
SKIPPER_100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	53

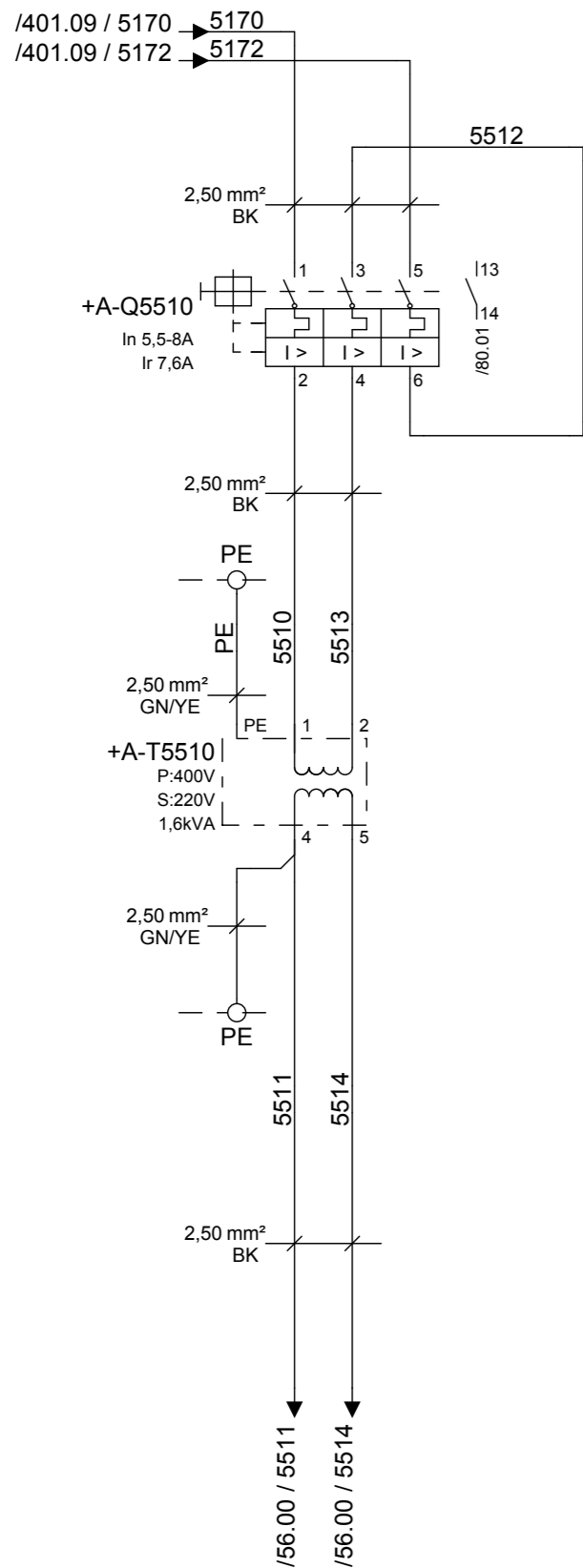


REVISION NR.	DATE	NAME	NORM



ALIMENTAZIONE AZIONAMENTI  
DRIVES POWER SUPPLY

CUSTOMER		PREV.	SUBS.
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		53	55
SKIPPER_100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	54



TRASFORMATORE  
TRANSFORMER

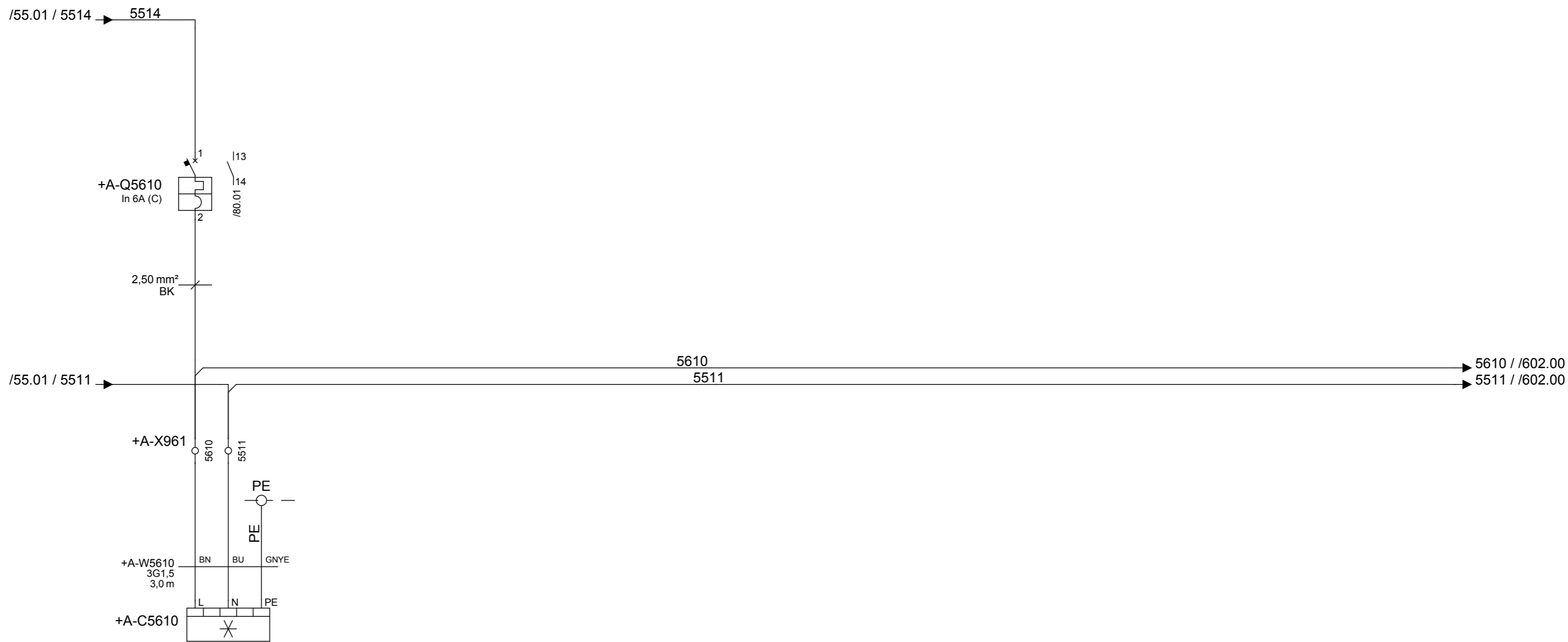
REVISION NR.	DATE	NAME	NORM



**BIESSE**

ALIMENTAZIONE 220V  
POWER SUPPLY 220V

CUSTOMER		PREV.	SUBS.
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		54	56
SKIPPER_100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	55



CONDIZIONATORE  
AIR CONDITIONER

REVISION NR.	DATE	NAME	NORM

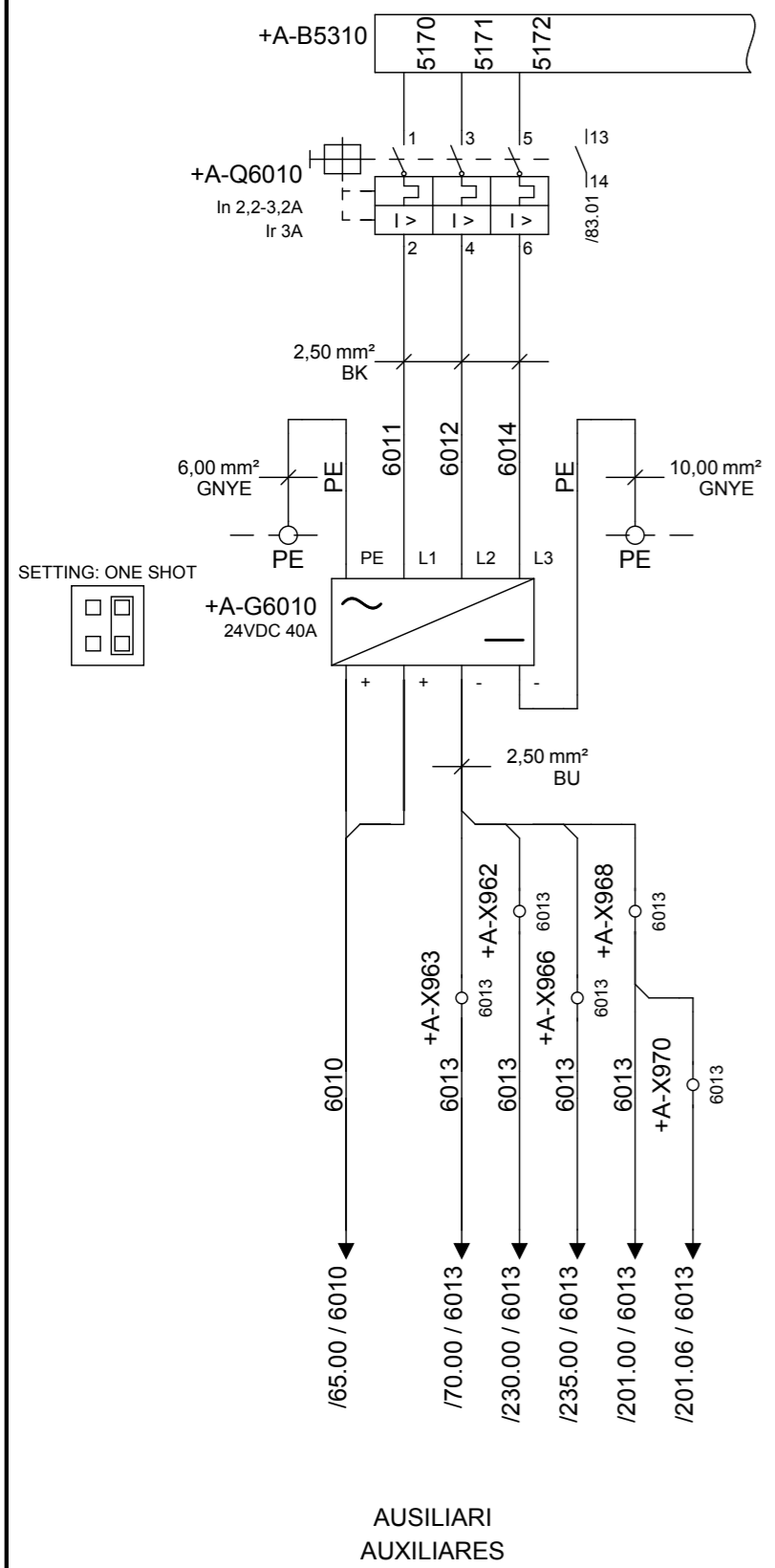
MODIF.	07/12/2007
PROC.	GGraziosi
CHECK	



RAFFREDDAMENTO ARMADIO  
CABINET COOLING

CUSTOMER		PREV.	SUBS.
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		55	60
SKIPPER_100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	56

0	1	2	3	4	5	6	7	8	9
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REVISION NR.	DATE	NAME	NORM

MODIF.	07/12/2007
PROC.	GGraziosi
CHECK	

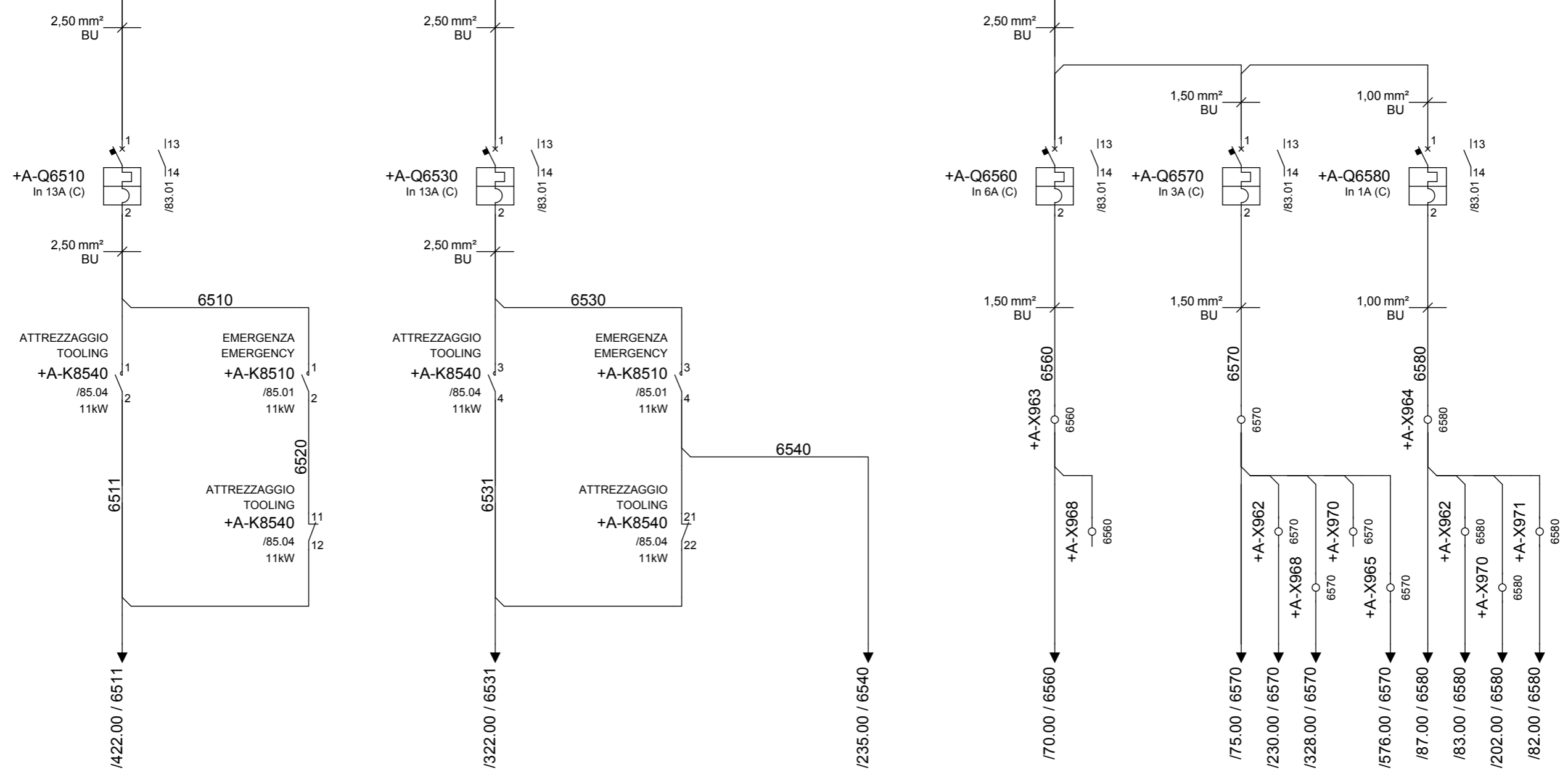


**BIESSE**

ALIMENTAZIONE 24VDC  
POWER SUPPLY 24VDC

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 56	SUBS. 65
SKIPPER_100	SERIAL NUMBER 22127	DIAGRAM 22127 - 01	PAGE 60

/60.01 / 6010 6010 6010 / /66.00



DERIVAZIONE POTENZA TESTA INFERIORE  
LOWER HEAD POWER BRANCH

DERIVAZIONE POTENZA TESTA SUPERIORE  
UPPER HEAD POWER BRANCH

PM57 TRAVE  
PM57 BEAM

BOBINE LAMPADE  
BULB COILS

LOGICA SCHEDE DI INGRESSO  
INPUT CARD LOGIC

MODULO DI SICUREZZA  
SAFETY MODULES

REVISION NR.	DATE	NAME	NORM

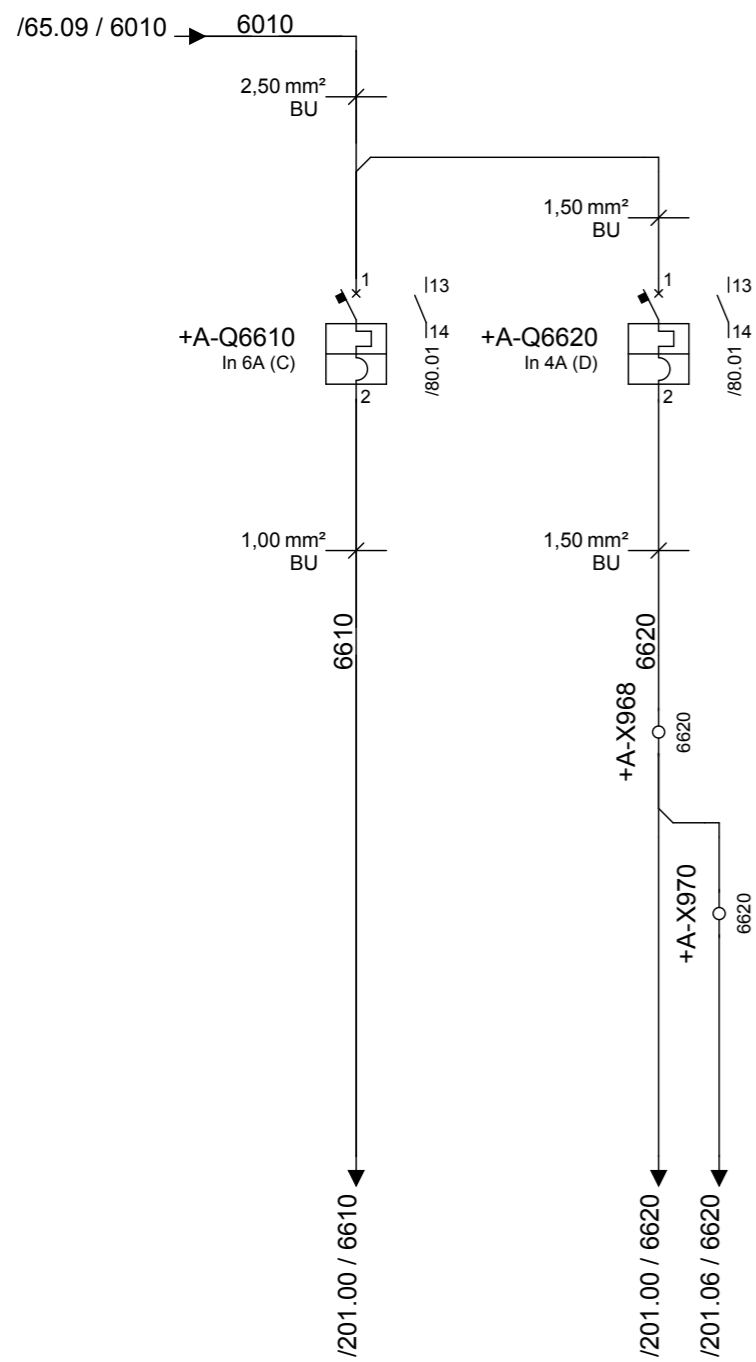
MODIF.	07/12/2007
PROC.	G.Graziosi
CHECK	



**BIESSE**

ALIMENTAZIONE 24VDC  
POWER SUPPLY 24VDC

CUSTOMER		PREV.	SUBS.
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		60	66
<b>SKIPPER 100</b>		PAGE	65
SERIAL NUMBER	DIAGRAM		
22127	22127 - 01		



LOGICA AZIONAMENTI  
OPERATING CONTROLS LOGIC

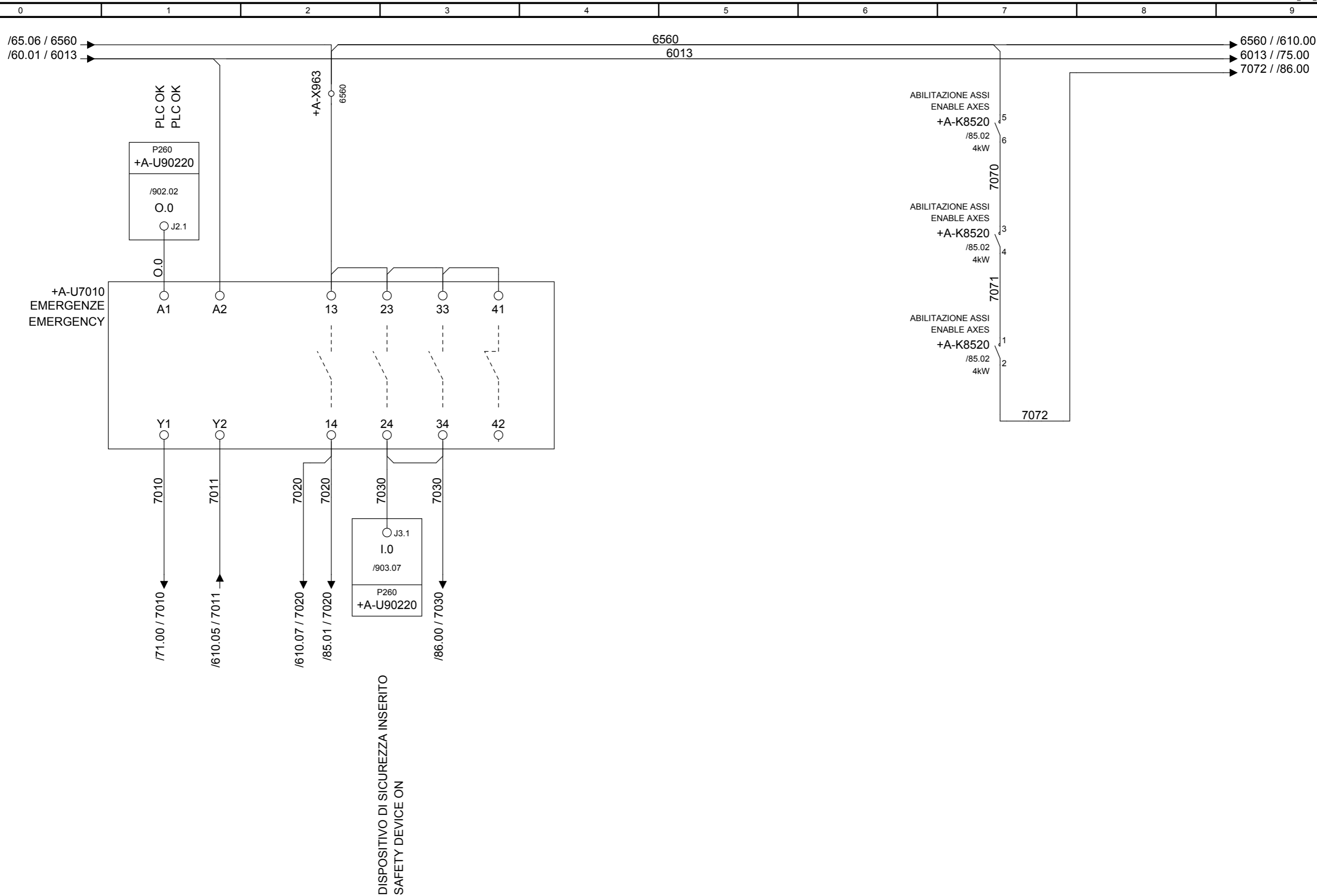
FRENI ASSI  
SHAFT BRAKES

REVISION NR.	DATE	NAME	NORM



ALIMENTAZIONE 24VDC  
POWER SUPPLY 24VDC

CUSTOMER		PREV.	SUBS.
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		65	70
SKIPPER_100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	66



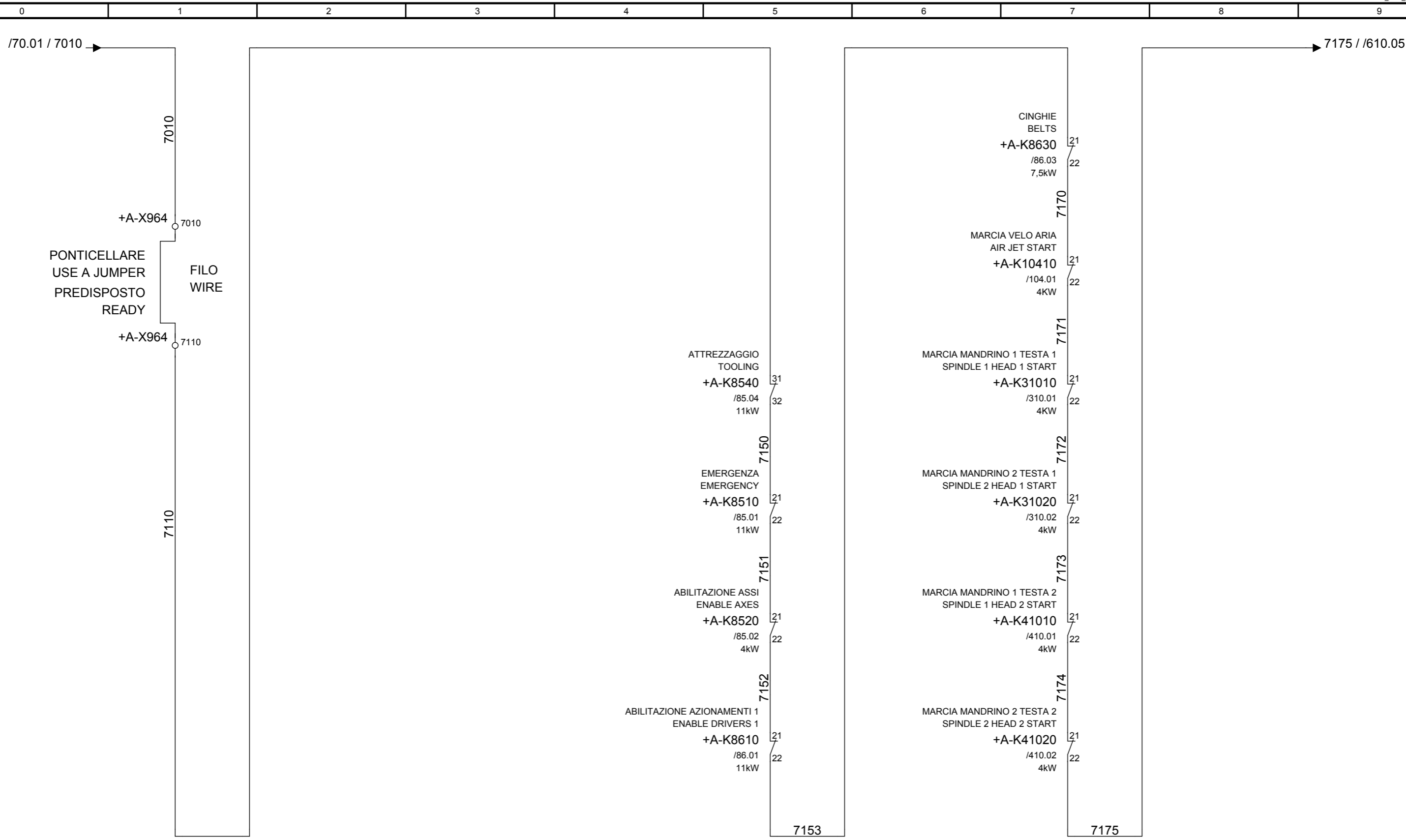
REVISION NR.	DATE	NAME	NORM

MODIF.	07/12/2007
PROC.	GGraziosi
CHECK	

**CIRCUITO DI SICUREZZA EMERGENZE**  
**EMERGENCY SAFETY SYSTEM**

CUSTOMER		PREV.	SUBS.
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		66	71
SKIPPER_100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	70



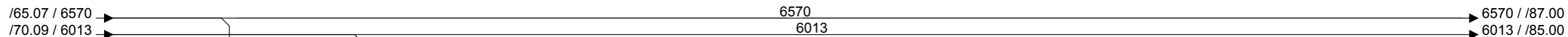


REVISION NR.	DATE	NAME	NORM



CIRCUITO DI SICUREZZA  
SAFETY CIRCUIT

CUSTOMER		PREV.	SUBS.
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		70	75
SKIPPER 100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	71



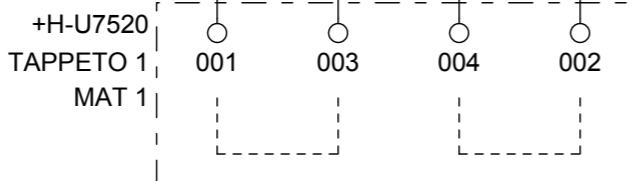
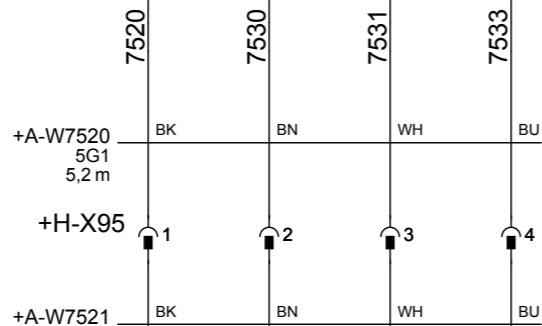
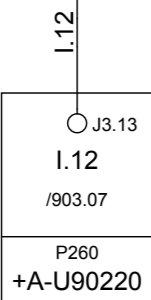
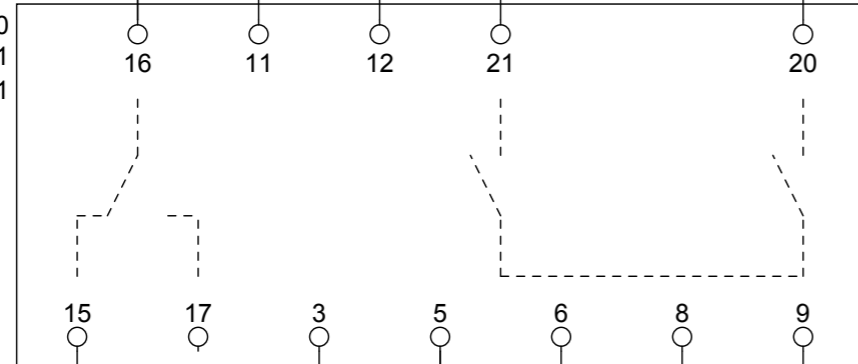
8710 / /87.00  
I.6

ABILITAZIONE ASSI  
ENABLE AXES  
+A-K8520  
/85.02  
4kW

+A-X964

7532 → 7532 / /610.01

+A-U7510  
TAPPETO 1  
MAT 1



TAPPETO OCCUPATO  
CONTACT MAT OCCUPIED

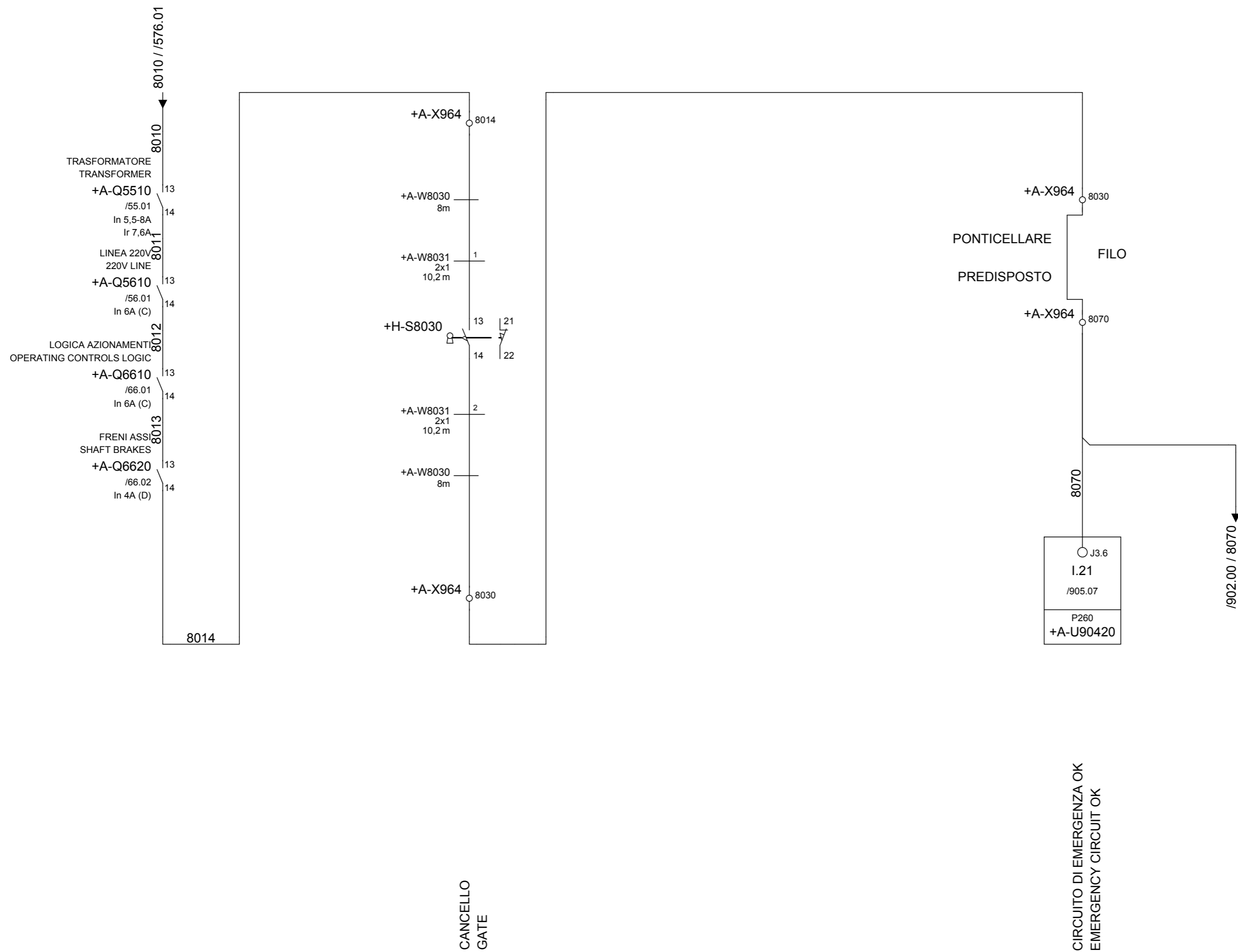
TAPPETO 1  
MAT 1

REVISION NR.	DATE	NAME	NORM
MODIF.	07/12/2007		
PROC.	GGraziosi		
CHECK			



CIRCUITO DI SICUREZZA TAPPETI 1  
CONVEYOR SAFETY SYSTEM 1

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 71	SUBS. 80
SKIPPER_100	SERIAL NUMBER 22127	DIAGRAM 22127 - 01	PAGE 75



REVISION NR.	DATE	NAME	NORM

MODIF.	07/12/2007
PROC.	GGraziosi
CHECK	



**BIESSE**

**CIRCUITO DI SICUREZZA  
SAFETY CIRCUIT**

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 75	SUBS. 82
<b>SKIPPER 100</b>		SERIAL NUMBER 22127	DIAGRAM 22127 - 01
		PAGE	<b>80</b>

CIRCUITO DI EMERGENZA OK  
EMERGENCY CIRCUIT OK

/65.09 / 6580 → 6580

FRENATURA BRAKING  
 +A-R40650 /406.05  
 750hm 600W  
 8210  
 FRENATURA BRAKING  
 +A-R30750 /307.05  
 750hm 600W  
 8211  
 +A-X972 8212  
 FRENATURA BRAKING  
 +A-R30650 /306.05  
 750hm 600W  
 8212  
 FRENATURA BRAKING  
 +A-R20350 /203.05  
 750hm 600W

8213

FRENATURA BRAKING  
 +A-R20250 /202.05  
 750hm 600W  
 8230  
 FRENATURA BRAKING  
 +A-R20150 /201.05  
 820hm 1300W  
 +A-X972 1.15

1.15

J3.16  
 1.15  
 /903.07  
 P260  
 +A-U90220

SERIE RESISTENZE OK  
 RESISTOR GROUP OK

REVISION NR.	DATE	NAME	NORM

MODIF. 07/12/2007  
 PROC. GGraziosi  
 CHECK  
 **BIESSE**

RETROAZIONI  
 FEEDBACK

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 80	SUBS. 83
SKIPPER_100	SERIAL NUMBER 22127	DIAGRAM 22127 - 01	PAGE 82

/65.08 / 6580

+A-X962 6580

DERIVAZIONE POTENZA TESTA INFERIORE  
LOWER HEAD POWER BRANCH

+A-Q6510 13  
/65.01 14  
In 13A (C)

DERIVAZIONE POTENZA TESTA SUPERIORE  
UPPER HEAD POWER BRANCH

+A-Q6530 13  
/65.03 14  
In 13A (C)

BOBINE LAMPADE  
BULB COILS

+A-Q6560 13  
/65.06 14  
In 6A (C)

LOGICA SCHEDE DI INGRESSO  
INPUT CARD LOGIC

+A-Q6570 13  
/65.07 14  
In 3A (C)

MODULO DI SICUREZZA  
SAFETY MODULES

+A-Q6580 13  
/65.08 14  
In 1A (C)

ALIMENTATORE  
FEEDER

+A-Q6010 13  
/60.01 14  
In 2,2-3,2A  
Ir 3A

8315

ABILITAZIONE AZIONAMENTI 1  
ENABLE DRIVERS 1

+A-Q5310 13  
/53.01 14  
In 17-22A  
Ir 21A

CINGHIE  
BELTS

+A-Q5350 13  
/53.05 14  
In 4,5-6,3A  
Ir 6A

VELO ARIA  
AIR JET

+A-Q10110 13  
/101.01 14  
In 2,2-3,2A  
Ir 3A

MANDRINO 1 TESTA SUPERIORE  
SPINDLE 1 UPPER HEAD

+A-Q30120 13  
/301.02 14  
In 3,5-5A  
Ir 4,7A

MANDRINO 2 TESTA SUPERIORE  
SPINDLE 2 UPPER HEAD

+A-Q30160 13  
/301.06 14  
In 3,5-5A  
Ir 4,7A

MANDRINO 1 TESTA INFERIORE  
SPINDLE 1 LOWER HEAD

+A-Q40120 13  
/401.02 14  
In 3,5-5A  
Ir 4,7A

8335

MANDRINO 2 TESTA INFERIORE  
SPINDLE 2 LOWER HEAD

+A-Q40160 13  
/401.06 14  
In 3,5-5A  
Ir 4,7A

I.7

J3.8  
I.7  
/903.07  
P260  
+A-U90220

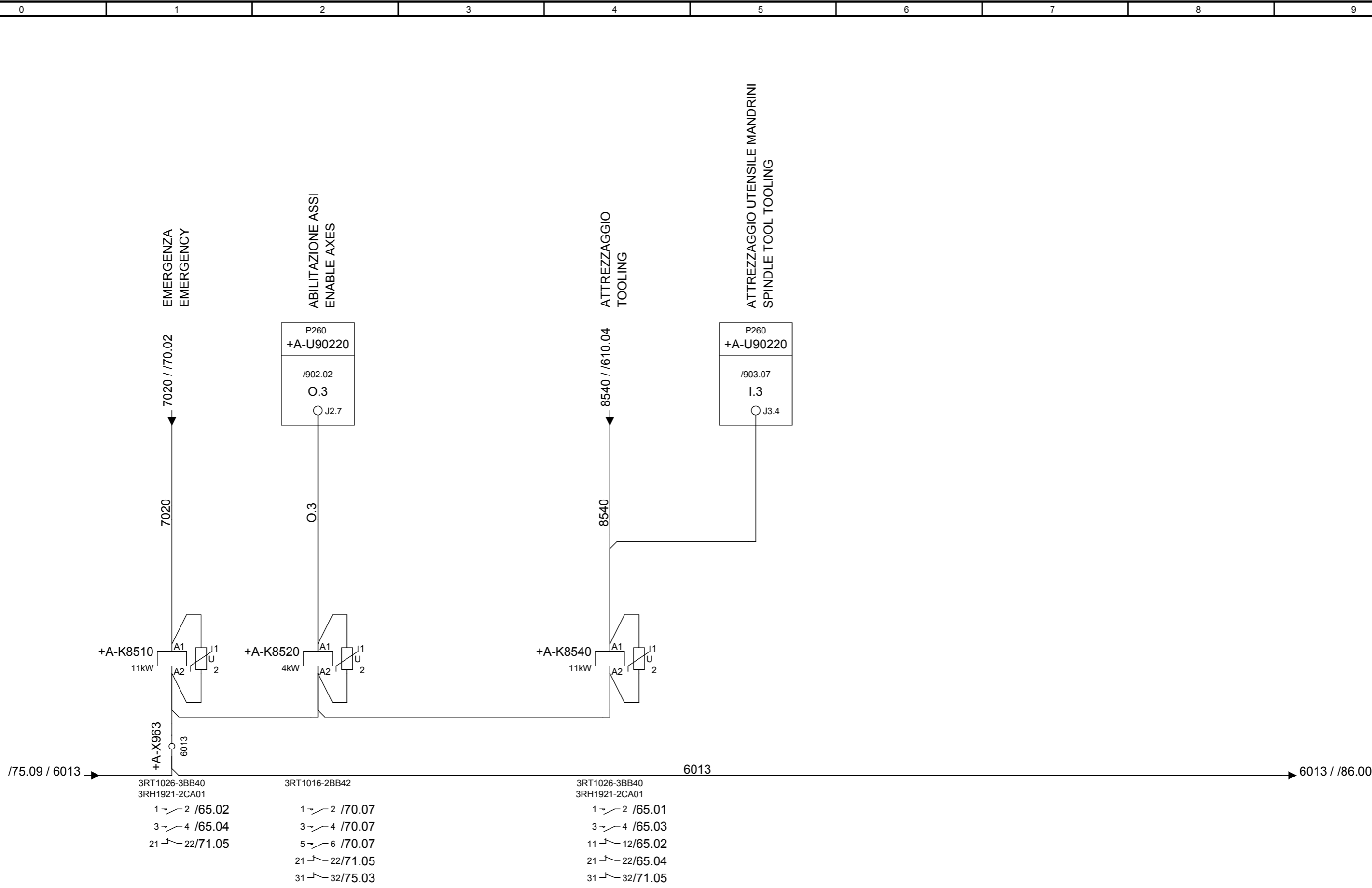
SERIE TERMICHE OK  
THERMAL CUTOFF SERIES OK

MODIF.	07/12/2007
PROC.	GGraziosi
CHECK	
REVISION NR.	DATE
NAME	NORM



RETROAZIONI  
FEEDBACK

CUSTOMER		PREV.	SUBS.
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		82	85
SKIPPER_100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	83

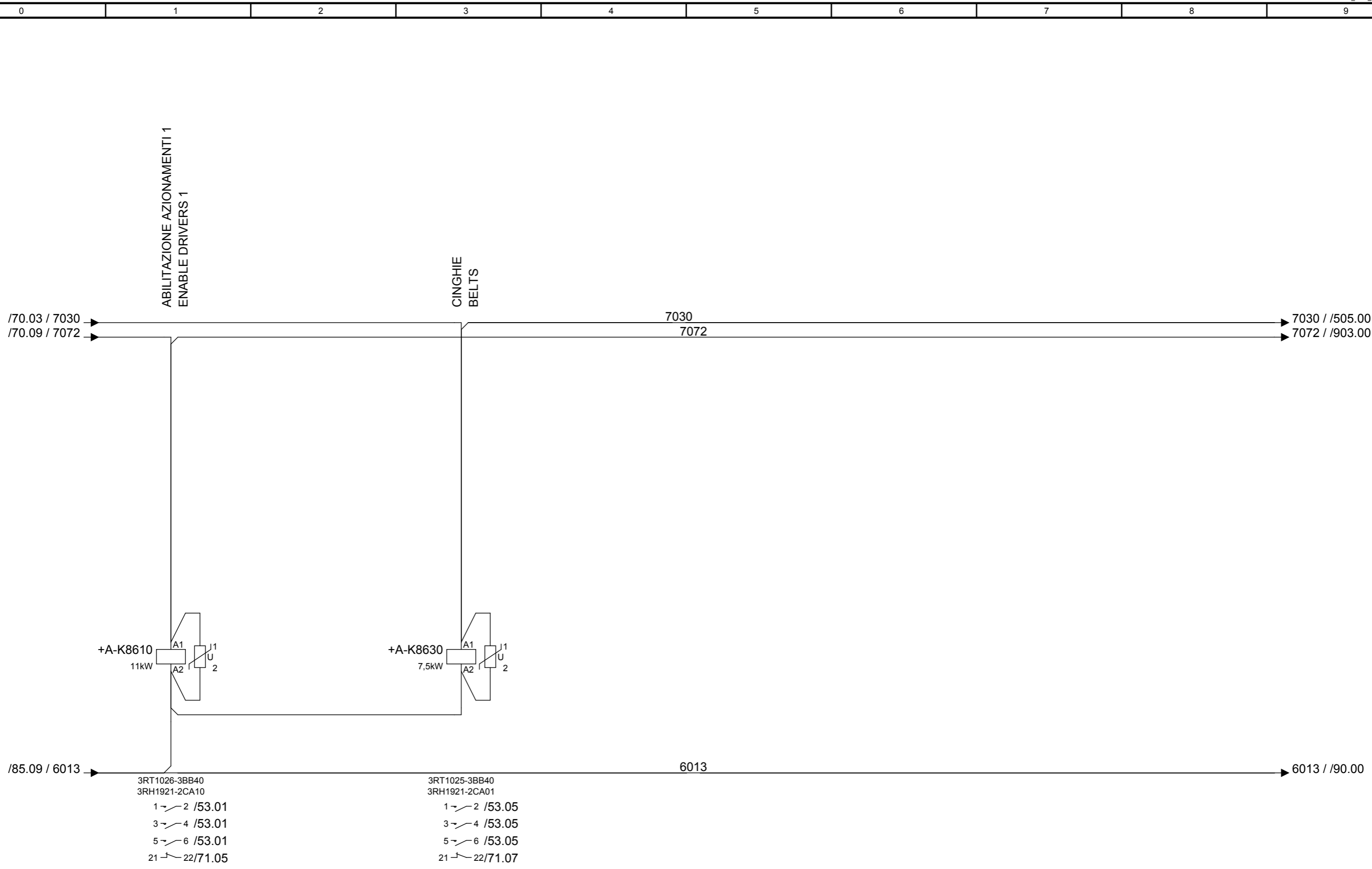


REVISION NR.	DATE	NAME	NORM

MODIF. 07/12/2007  
PROC. GGraziosi  
CHECK

AUSILIARI  
AUXILIARES

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 83	SUBS. 86
SKIPPER_100	SERIAL NUMBER 22127	DIAGRAM 22127 - 01	PAGE 85

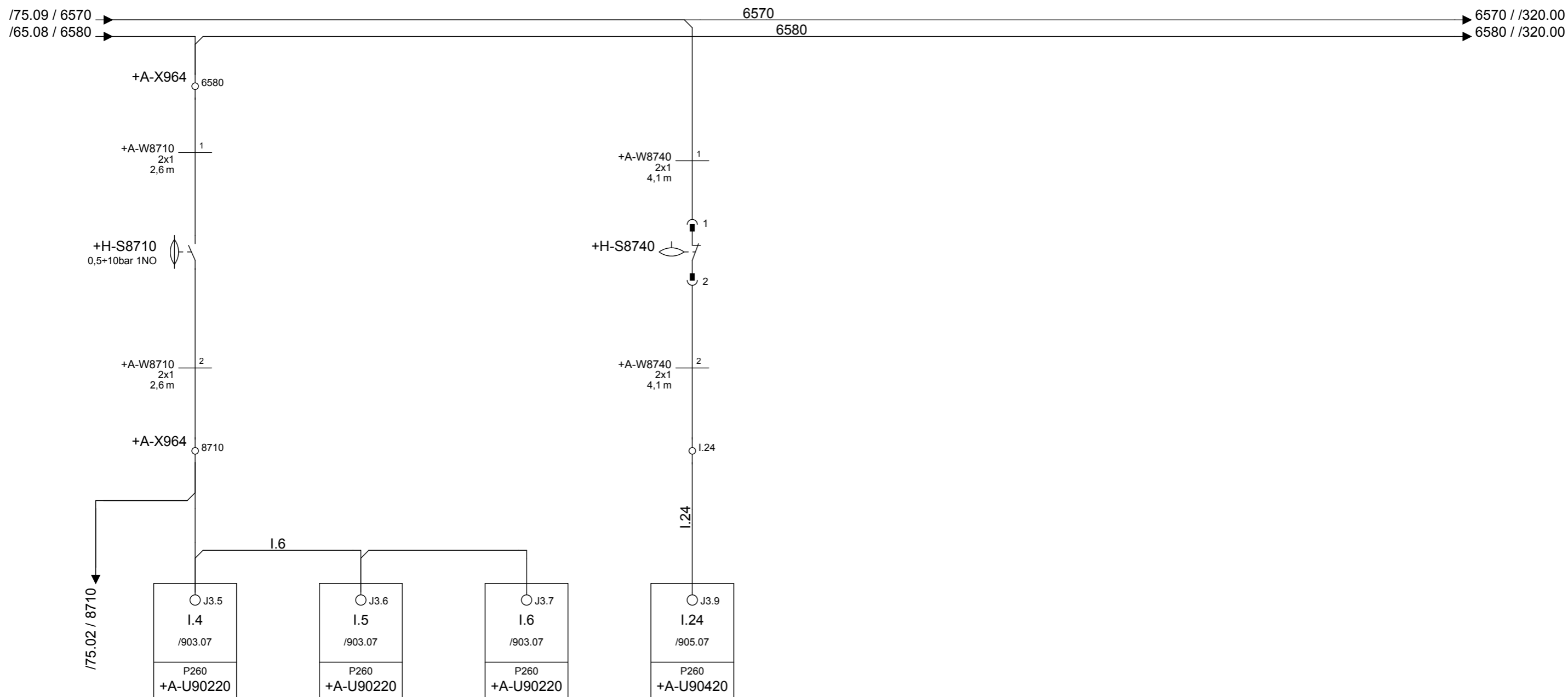


REVISION NR.	DATE	NAME	NORM

MODIF. 07/12/2007  
 PROC. GGraziosi  
 CHECK

AUSILIARI  
AUXILIARES

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 85	SUBS. 87
SKIPPER_100	SERIAL NUMBER 22127	DIAGRAM 22127 - 01	PAGE 86



/75.02 / 8710

MANCANZA ARIA  
AIR LACKING

INVERTER SLOT SUPERIORE OK  
TOP SLOT INVERTER OK

INVERTER SLOT INFERIORE OK  
BOTTOM SLOT INVERTER OK

LIVELLO MINIMO GRASSO  
GREASE MINIMUM LEVEL

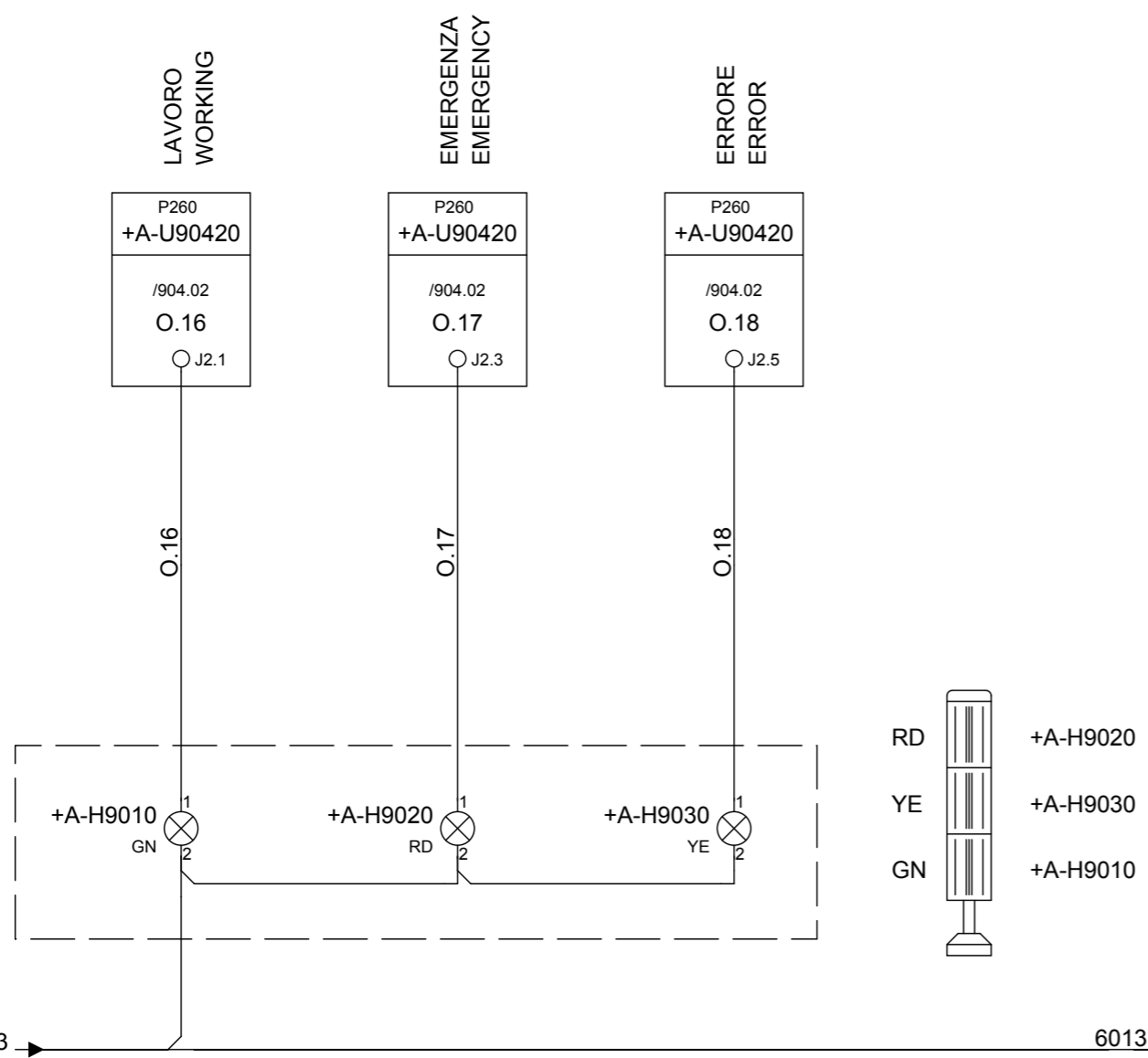
MODIF.	07/12/2007
PROC.	G.Graziosi
CHECK	
NORM	
REVISION NR.	DATE
	NAME



CIRCUITO DI EMERGENZA  
EMERGENCY CIRCUIT

CUSTOMER		PREV.	SUBS.
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		86	90
SKIPPER_100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	87





/86.09 / 6013

6013

6013 //104.00

REVISION NR.	DATE	NAME	NORM
MODIF.	07/12/2007		
PROC.	G.Graziosi		
CHECK			

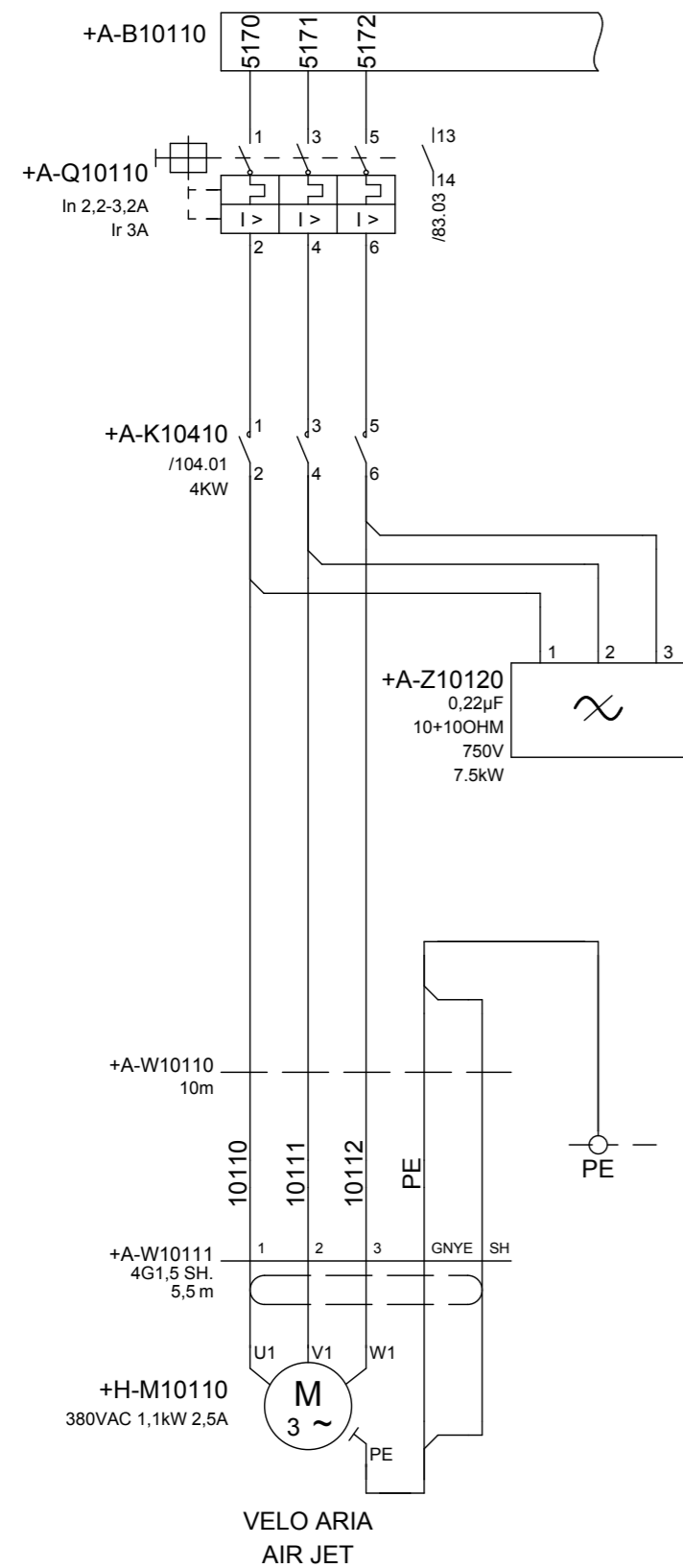


COLONNA LUMINOSA  
BACKLIGHTED COLUMN

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 87	SUBS. 100
SKIPPER_100	SERIAL NUMBER 22127	DIAGRAM 22127 - 01	PAGE 90

# CARICO LOADING

			MODIF.	07/12/2007	 <b>BIESSE</b>	CARICO LOADING	CUSTOMER		PREV.	SUBS.
			PROC.	GGraziosi			TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		90	101
			CHECK				<b>SKIPPER_100</b>	SERIAL NUMBER	DIAGRAM	PAGE
REVISION NR.	DATE	NAME	NORM				22127	22127 - 01		



REVISION NR.	DATE	NAME	NORM

MODIF.	07/12/2007
PROC.	GGraziosi
CHECK	



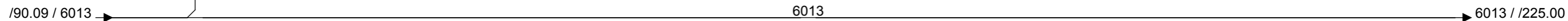
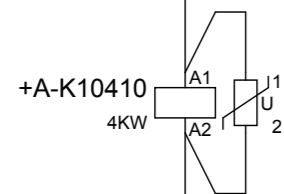
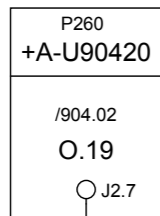
**BIESSE**

VELO ARIA  
AIR JET

CUSTOMER		PREV.	SUBS.
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		100	104
SKIPPER_100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	101

0 1 2 3 4 5 6 7 8 9

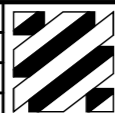
MARCIA COMPRESSORE VELO D'ARIA



- 1 - 2 /101.01
- 3 - 4 /101.01
- 5 - 6 /101.01
- 21 - 22 /71.07

REVISION NR.	DATE	NAME	NORM

MODIF.	07/12/2007
PROC.	GGraziosi
CHECK	



**BIESSE**

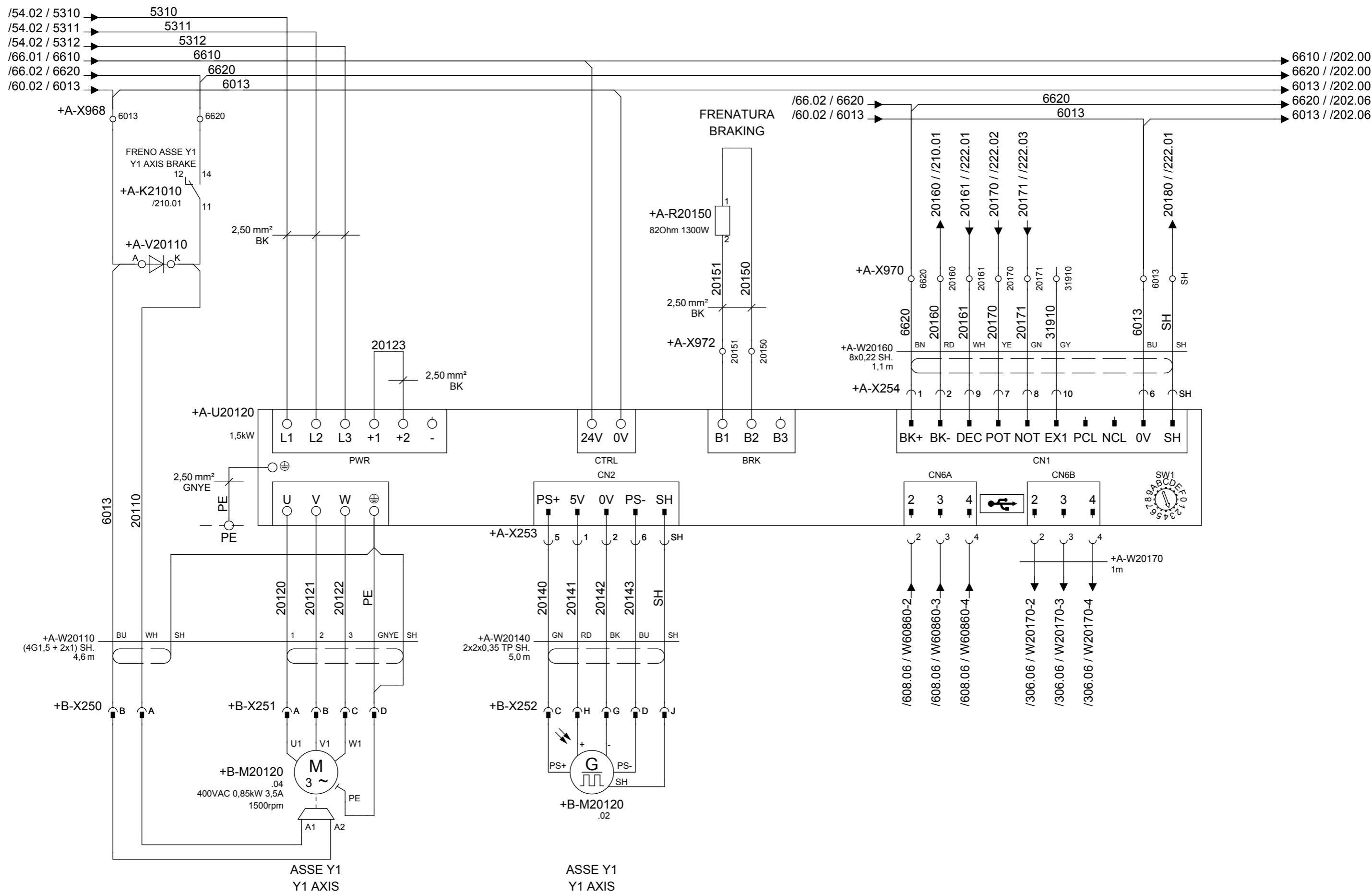
ACCOSTATORE FRONTALE  
FRONT PUSHER

CUSTOMER		PREV.	SUBS.
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		101	200
SKIPPER_100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	104

0 1 2 3 4 5 6 7 8 9

# TRAVE BEAM

			MODIF.	07/12/2007	 <b>BIESSE</b>	TRAVE BEAM	CUSTOMER		PREV.	SUBS.
			PROC.	GGraziosi			TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		104	201
			CHECK				<b>SKIPPER_100</b>	SERIAL NUMBER	DIAGRAM	PAGE
REVISION NR.	DATE	NAME	NORM				22127	22127 - 01		

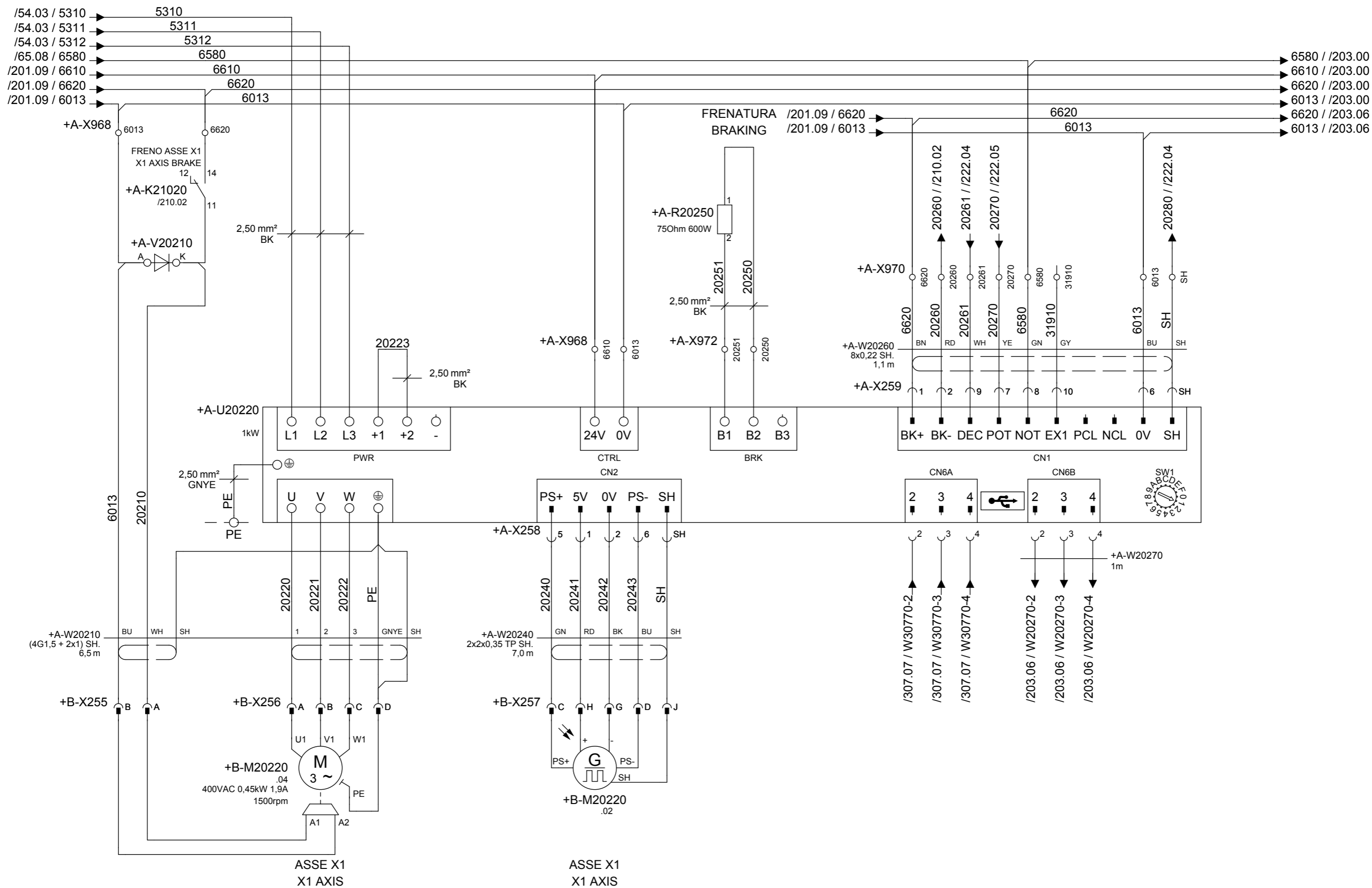


REVISION NR.	DATE	NAME	NORM

MODIF. 07/12/2007  
 PROC. GGraziosi  
 CHECK  
**BIESSE**

ASSE Y1  
 Y1 AXIS

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 200	SUBS. 202
<b>SKIPPER_100</b>		SERIAL NUMBER 22127	DIAGRAM 22127 - 01
		PAGE	201



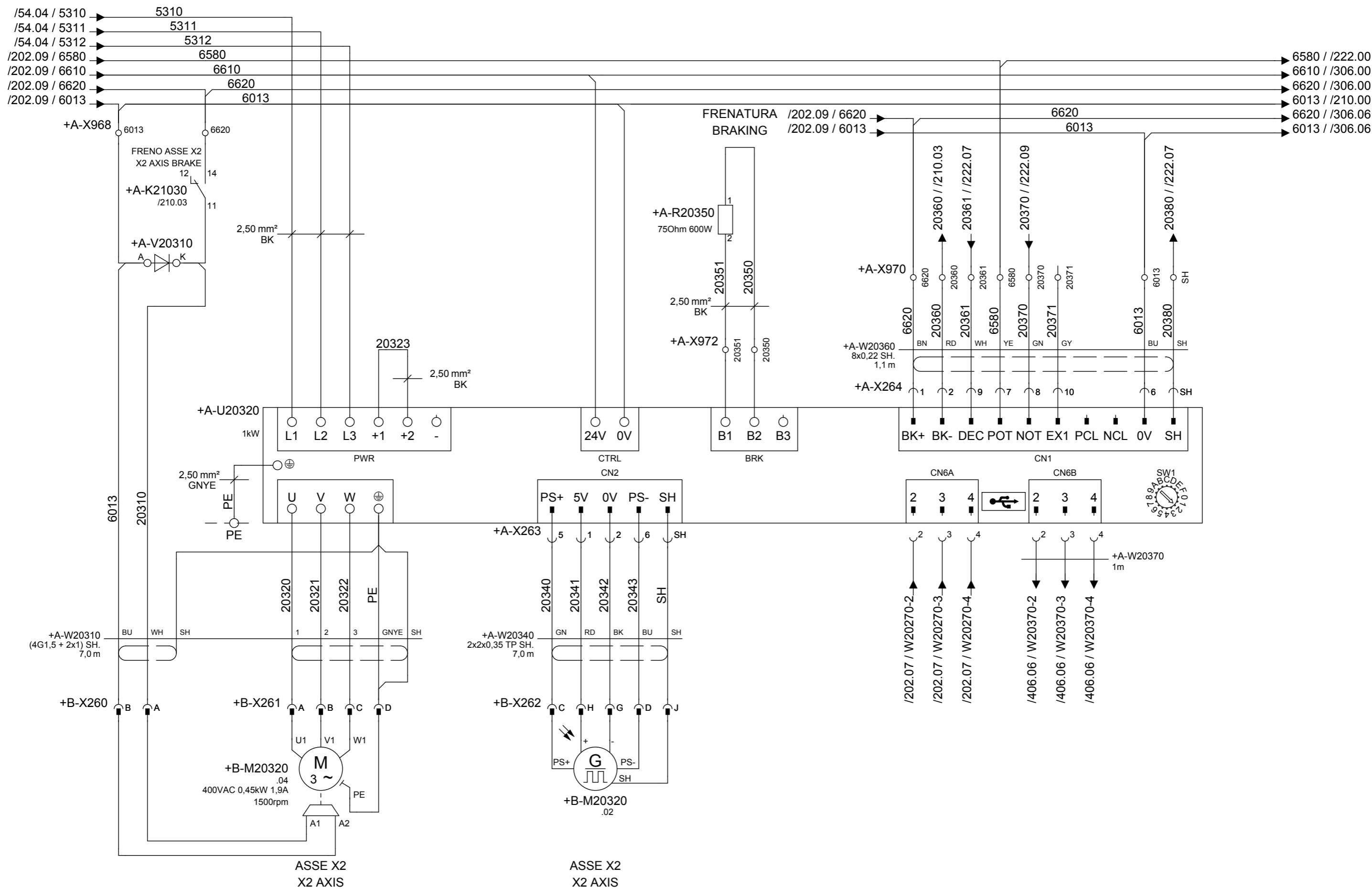
REVISION NR.	DATE	NAME	NORM

MODIF.	07/12/2007
PROC.	GGraziosi
CHECK	



ASSE X1  
X1 AXIS

CUSTOMER		PREV.	SUBS.
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		201	203
SKIPPER_100		PAGE	202
SERIAL NUMBER	DIAGRAM		
22127	22127 - 01		



REVISION NR.	DATE	NAME	NORM

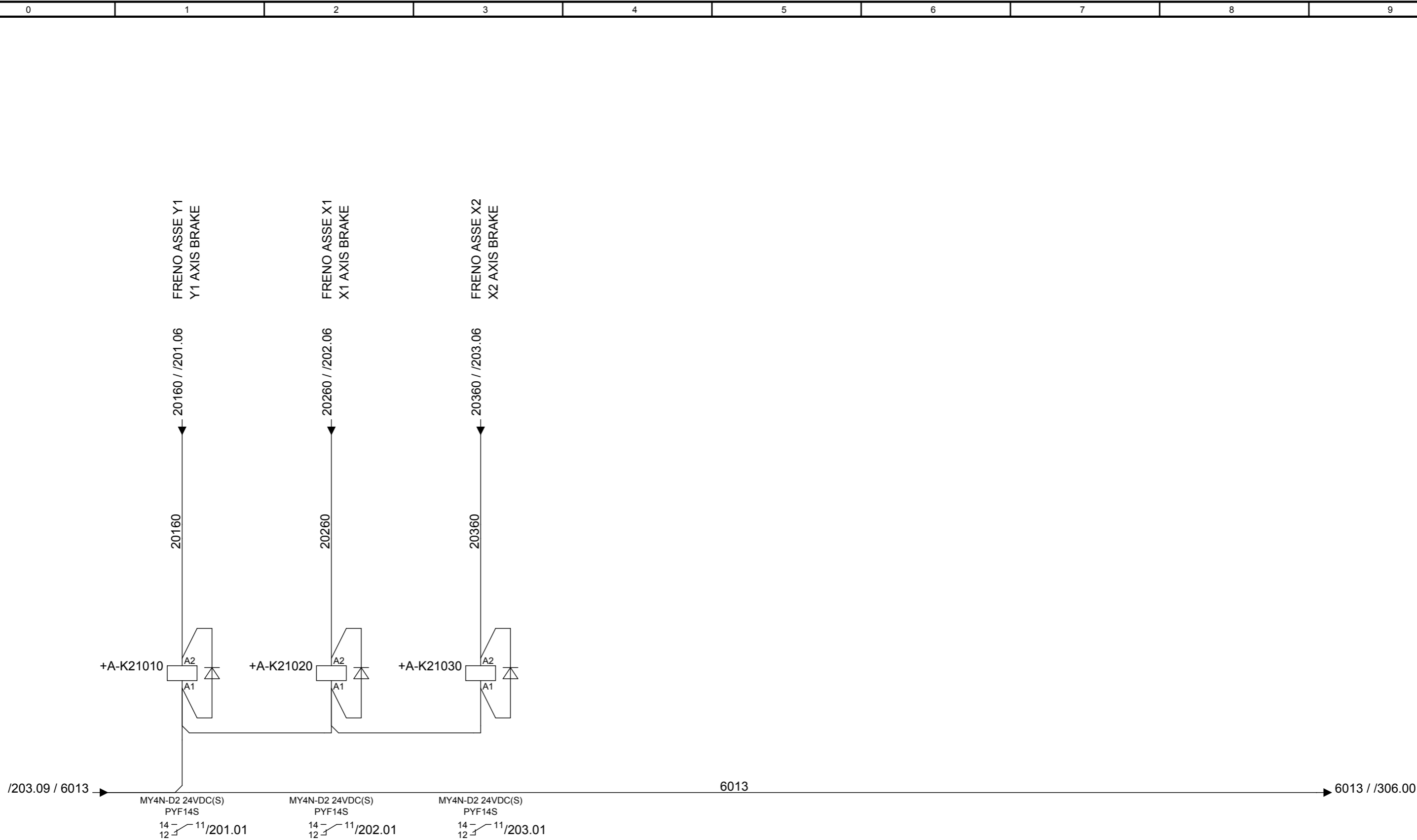
MODIF.	07/12/2007
PROC.	GGraziosi
CHECK	



ASSE X2  
X2 AXIS

CUSTOMER		TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	SUBS.
SKIPPER_100		SERIAL NUMBER	202	210
		DIAGRAM	22127	22127 - 01
		PAGE		203



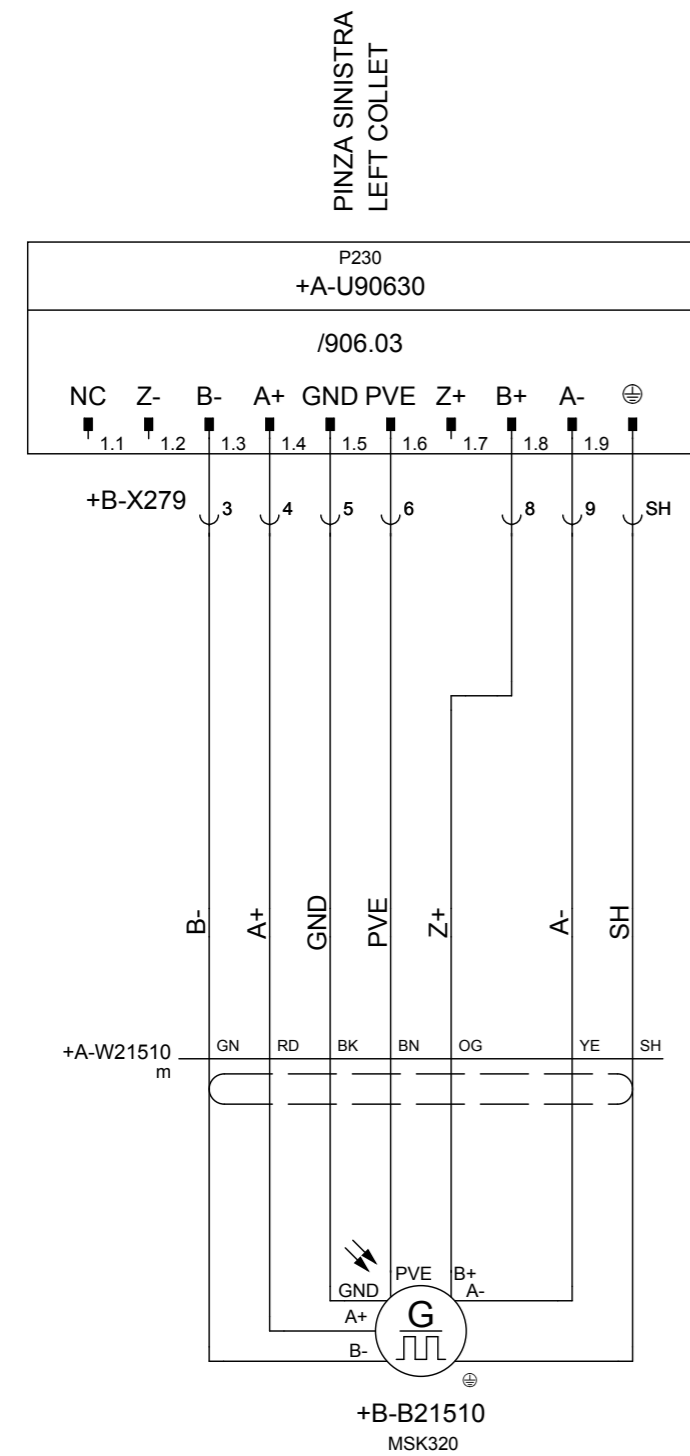


REVISION NR.	DATE	NAME	NORM



AUSILIARI TRAVE  
BOARD AUXILIARIES

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 203	SUBS. 215
SKIPPER_100	SERIAL NUMBER 22127	DIAGRAM 22127 - 01	PAGE 210



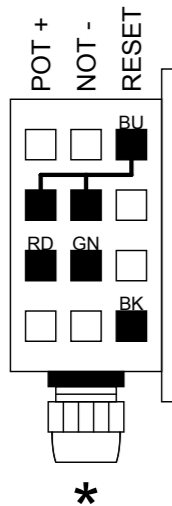
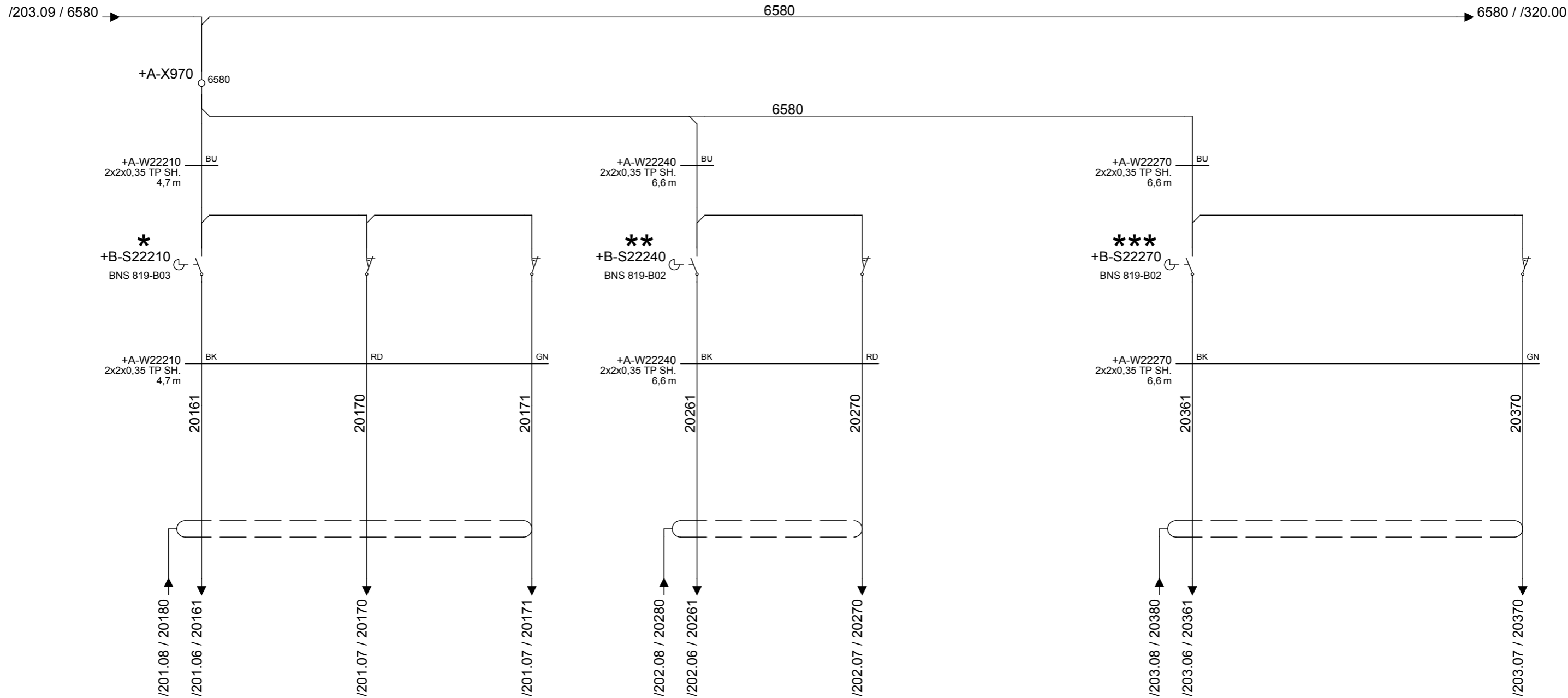
REVISION NR.	DATE	NAME	NORM

MODIF.	07/12/2007
PROC.	GGraziosi
CHECK	



PINZA SINISTRA  
LEFT COLLET

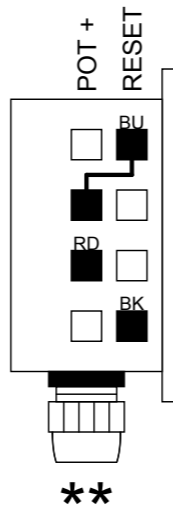
CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 210	SUBS. 222
SKIPPER_100	SERIAL NUMBER 22127	DIAGRAM 22127 - 01	PAGE 215



ASSE Y1  
Y1 AXIS

OLTRECORSA +  
OVERLIMITS +

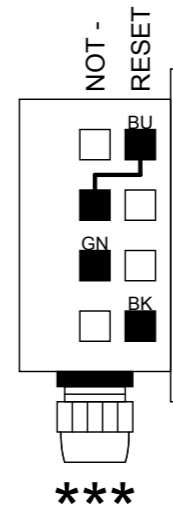
RESET  
RESET



ASSE X1  
X1 AXIS

OLTRECORSA +  
OVERLIMITS +

RESET  
RESET



ASSE X2  
X2 AXIS

OLTRECORSA -  
OVERLIMITS -

RESET  
RESET

REVISION NR.	DATE	NAME	NORM

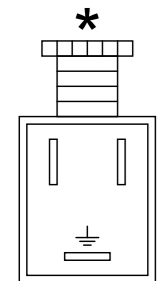
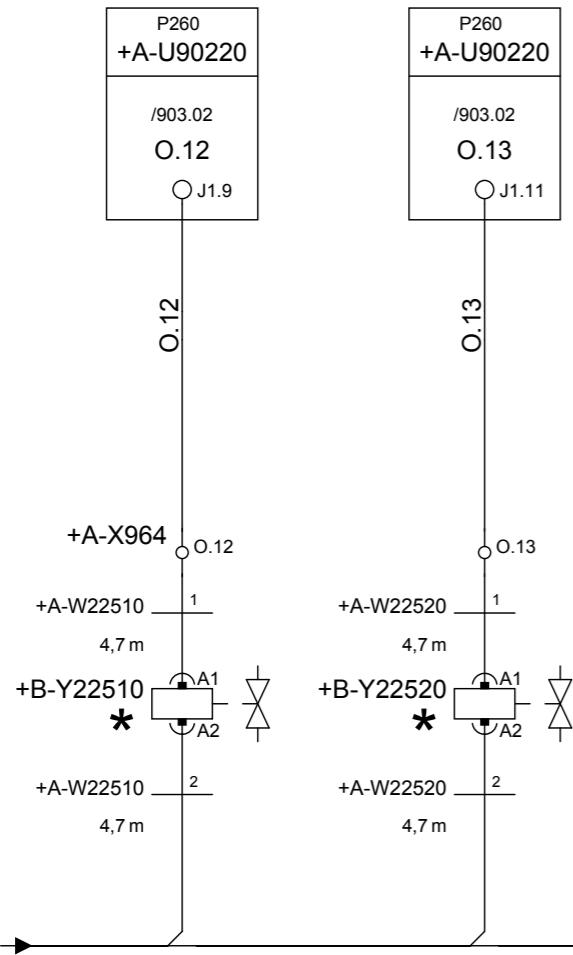


AUSILIARI TRAVE  
BOARD AUXILIARIES

CUSTOMER		PREV.	SUBS.
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		215	225
SKIPPER_100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	222

ALTA PRESSIONE PINZA SINISTRA  
LEFT COLLET HIGH PRESSURE

ALTA PRESSIONE PINZA DESTRA  
RIGHT COLLET HIGH PRESSURE

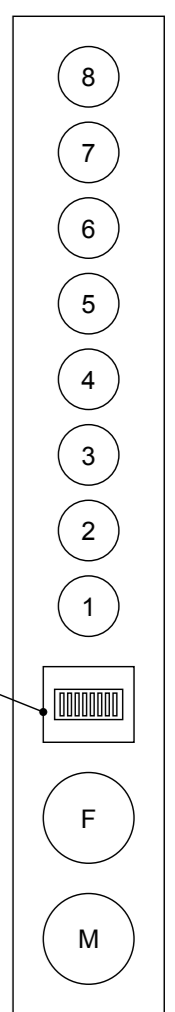
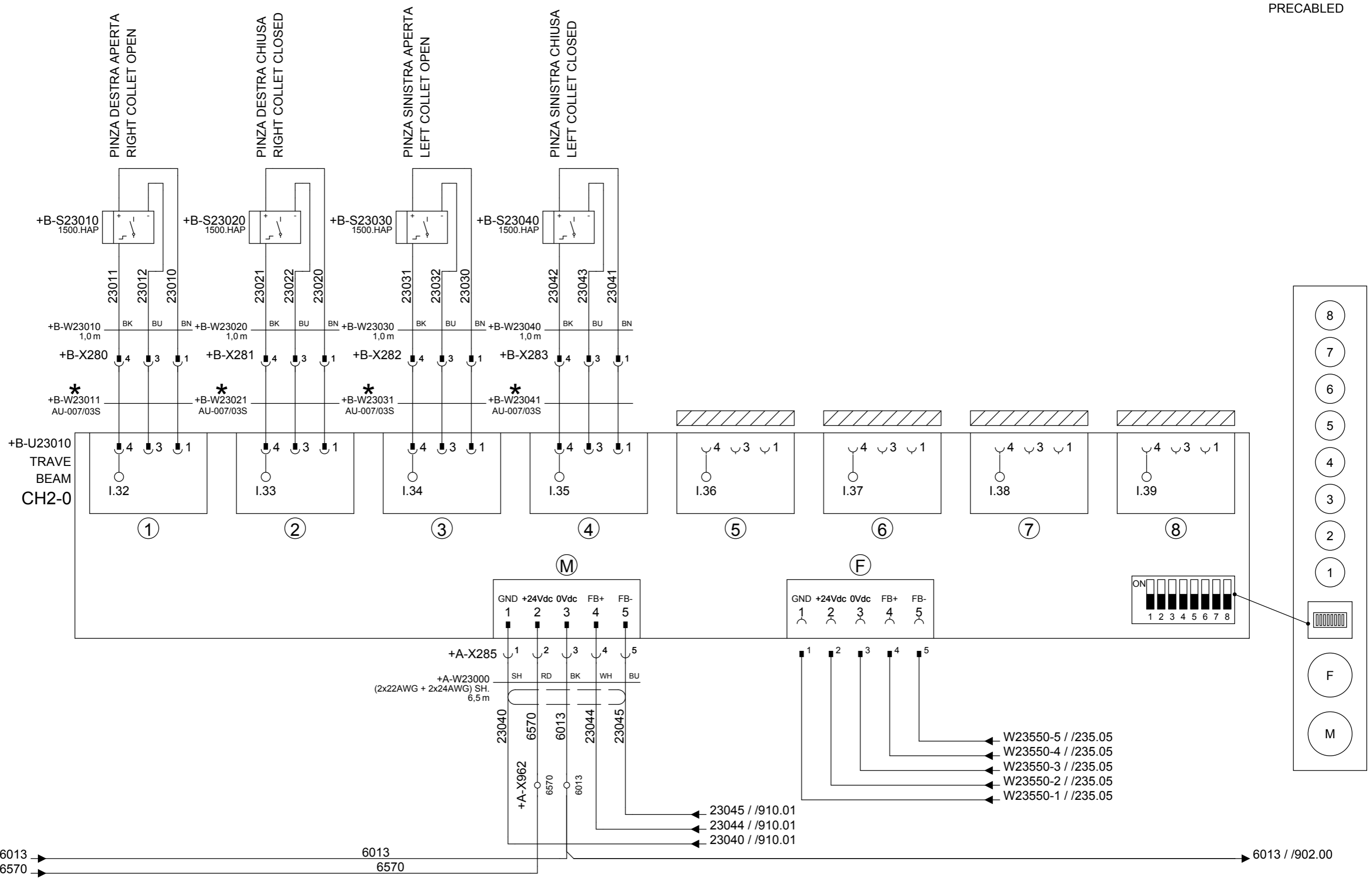


REVISION NR.	DATE	NAME	NORM



AUSILIARI TRAVE  
BOARD AUXILIARIES

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 222	SUBS. 230
SKIPPER_100	SERIAL NUMBER 22127	DIAGRAM 22127 - 01	PAGE 225



/60.01 / 6013 → 6013 → 6013 / /902.00  
 /65.07 / 6570 → 6570 → 6570 → 6570 / /910.01

REVISION NR.	DATE	NAME	NORM

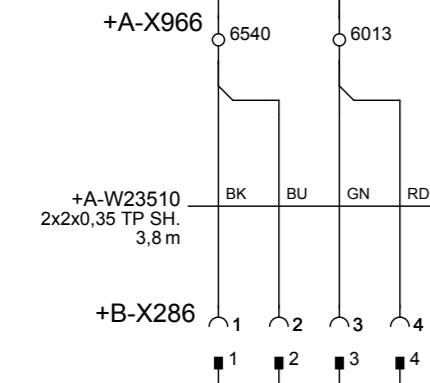
MODIF.	07/12/2007
PROC.	G.Graziosi
CHECK	



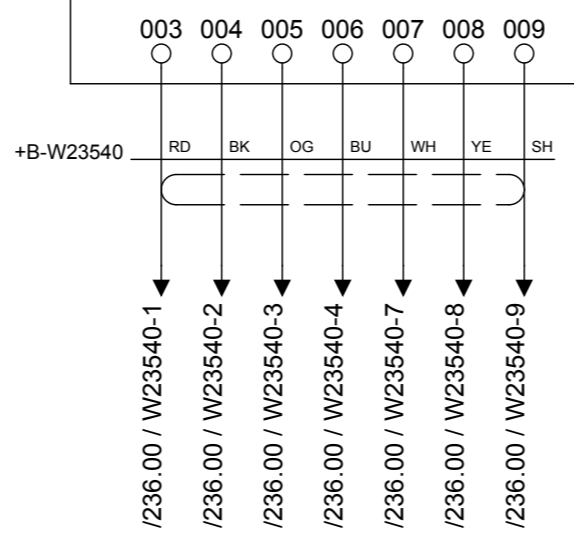
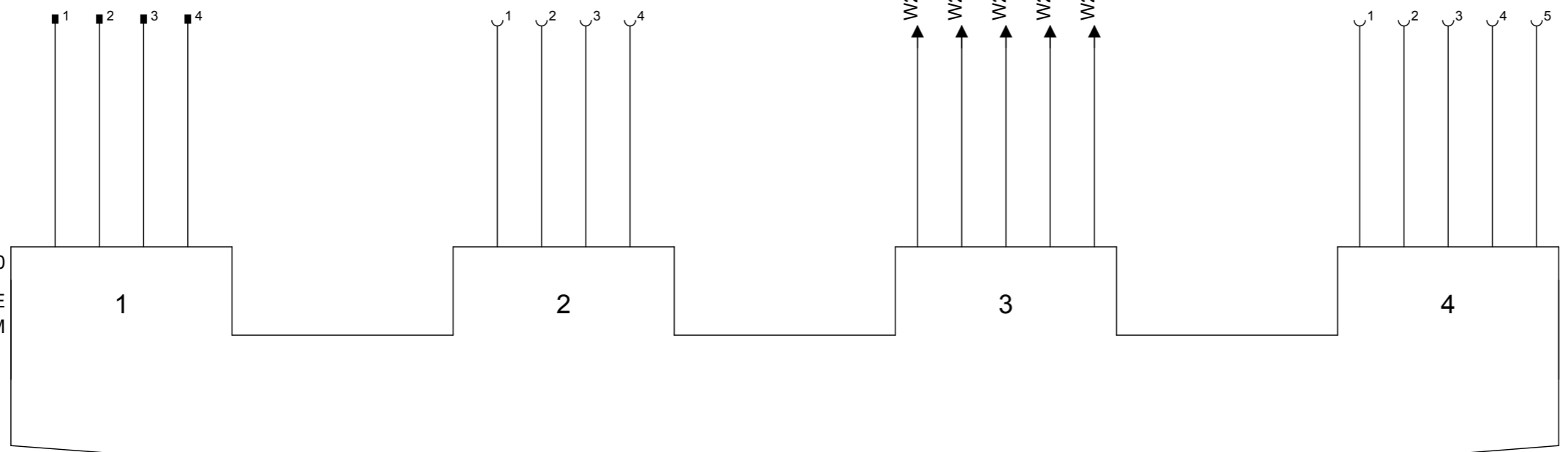
CE201 TRAVE  
 CE201 BEAM

CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	225	SUBS.	235
SKIPPER_100	SERIAL NUMBER 22127	DIAGRAM	22127 - 01	PAGE	230

/65.05 / 6540 → 6540  
 /60.01 / 6013 → 6013 / /322.00



+B-U23500  
 TRAVE  
 BEAM



REVISION NR.	DATE	NAME	NORM



PM57 TRAVE  
 PM57 BEAM

CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	230	SUBS.	236
SKIPPER_100	SERIAL NUMBER	22127	DIAGRAM	22127 - 01	PAGE
					235

0 1 2 3 4 5 6 7 8 9

+B-U23610  
TRAVE  
BEAM  
CH2-1



J4

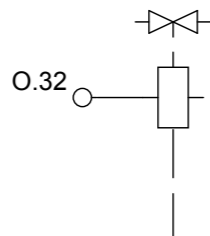
- /235.03 / W23540-1 → 1 24V
- /235.04 / W23540-2 → 2 GND
- /235.04 / W23540-3 → 3 12/24V
- /235.04 / W23540-4 → 4 GND
- 5 12/24V
- 6 GND
- /235.04 / W23540-7 → 7 FB-
- /235.04 / W23540-8 → 8 FB+
- /235.05 / W23540-9 → 9 GND
- 10 FB-
- 11 FB+
- 12 GND



CHIUSURA PINZA DX  
RIGHT GRIPPER CLOSING

1

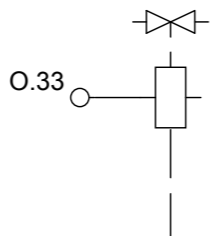
+B-Y23620



CHIUSURA PINZA SX  
LEFT GRIPPER CLOSING

2

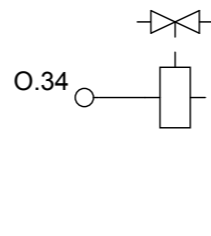
+B-Y23630



LUBRIFICAZIONE  
LUBRICATION

3

+B-Y23640



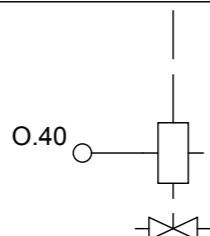
4

O.35

APERTURA PINZA DX  
RIGHT GRIPPER OPENING

9

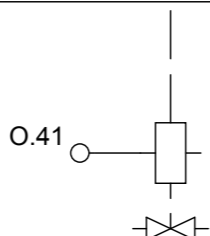
+B-Y23621



APERTURA PINZA SX  
LEFT GRIPPER OPENING

10

+B-Y23631

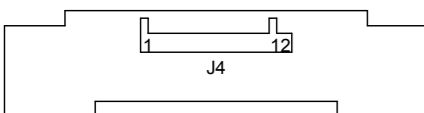


11

O.42

12

O.43



REVISION NR.	DATE	NAME	NORM

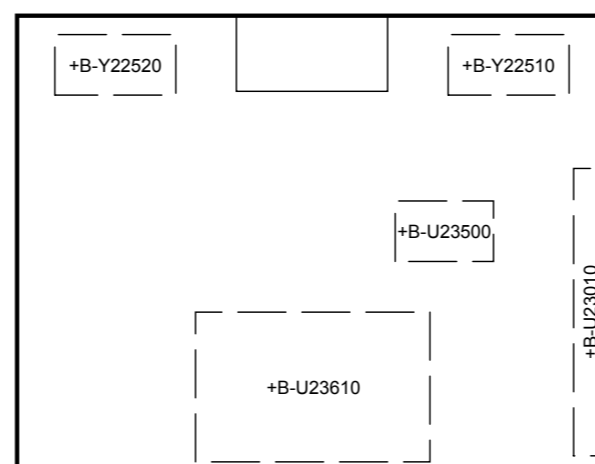
MODIF.	07/12/2007
PROC.	GGraziosi
CHECK	



PM57 TRAVE  
PM57 BEAM

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 235	SUBS. 240
SKIPPER_100	SERIAL NUMBER 22127	DIAGRAM 22127 - 01	PAGE 236

# BOX 24000



REVISION NR.	DATE	NAME	NORM



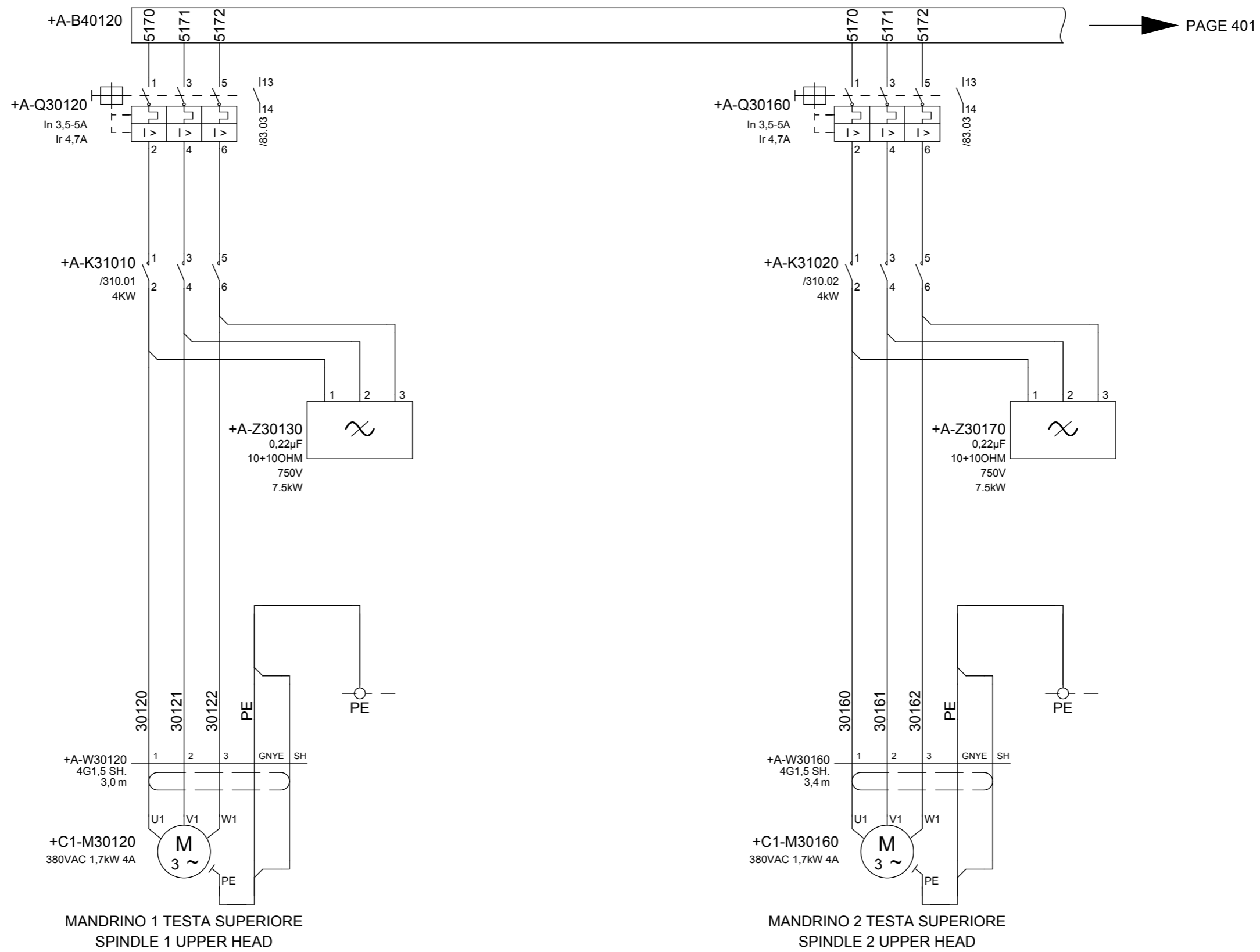
PLANIMETRIA BOX TRAVE  
BEAM BOX LAYOUT

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 236	SUBS. 300
SKIPPER_100	SERIAL NUMBER 22127	DIAGRAM 22127 - 01	PAGE 240



# TESTA SUPERIORE UPPER HEAD

			MODIF.	07/12/2007	 <b>BIESSE</b>	TESTA SUPERIORE		CUSTOMER		PREV.	SUBS.
			PROC.	GGraziosi		UPPER HEAD		TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		240	301
			CHECK					SKIPPER_100		SERIAL NUMBER	DIAGRAM
REVISION NR.	DATE	NAME	NORM						22127	22127 - 01	300

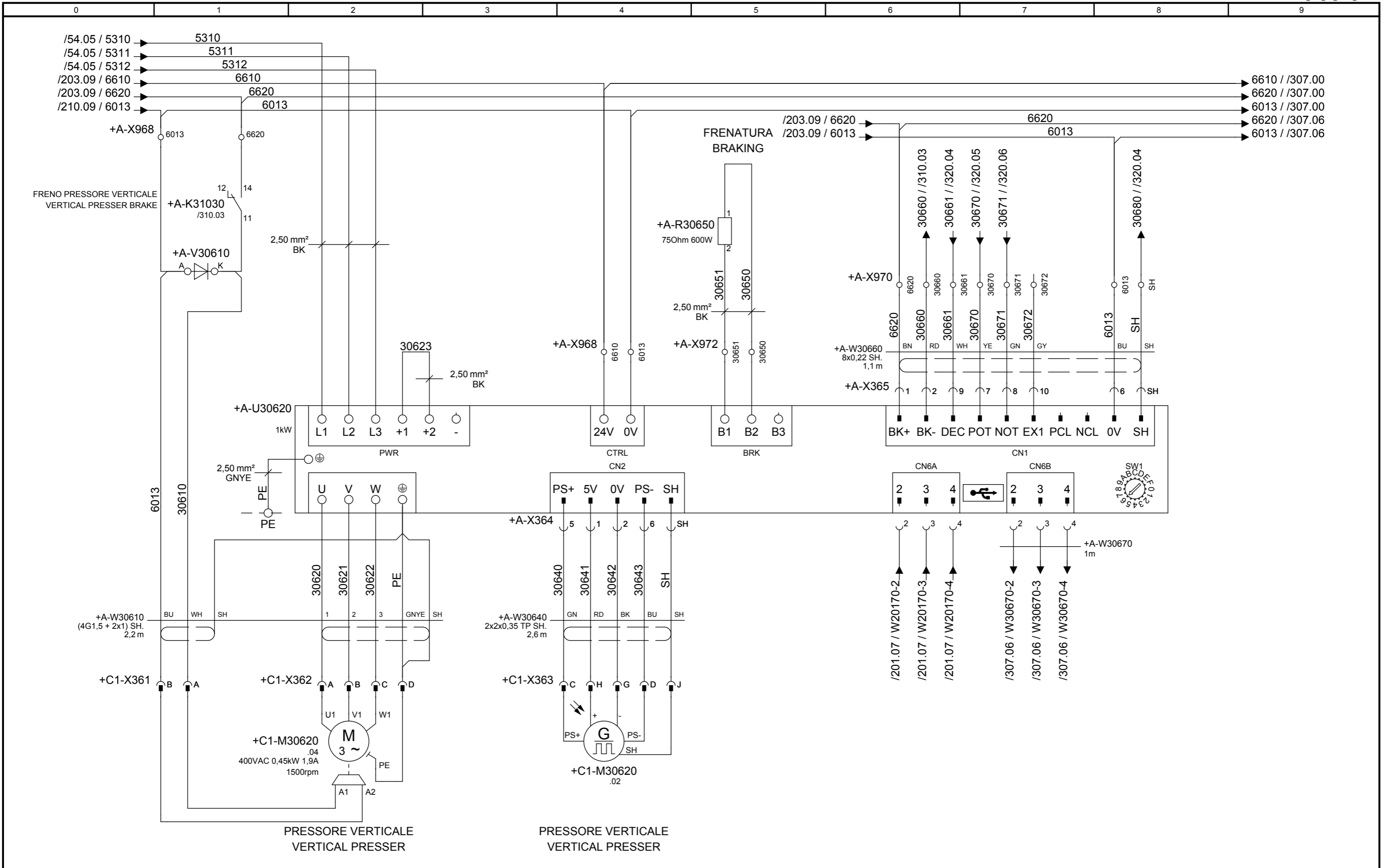


REVISION NR.	DATE	NAME	NORM



AUSILIARI TESTA SUPERIORE  
UPPER HEAD AUXILIARIES

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 300	SUBS. 306
SKIPPER_100	SERIAL NUMBER 22127	DIAGRAM 22127 - 01	PAGE 301



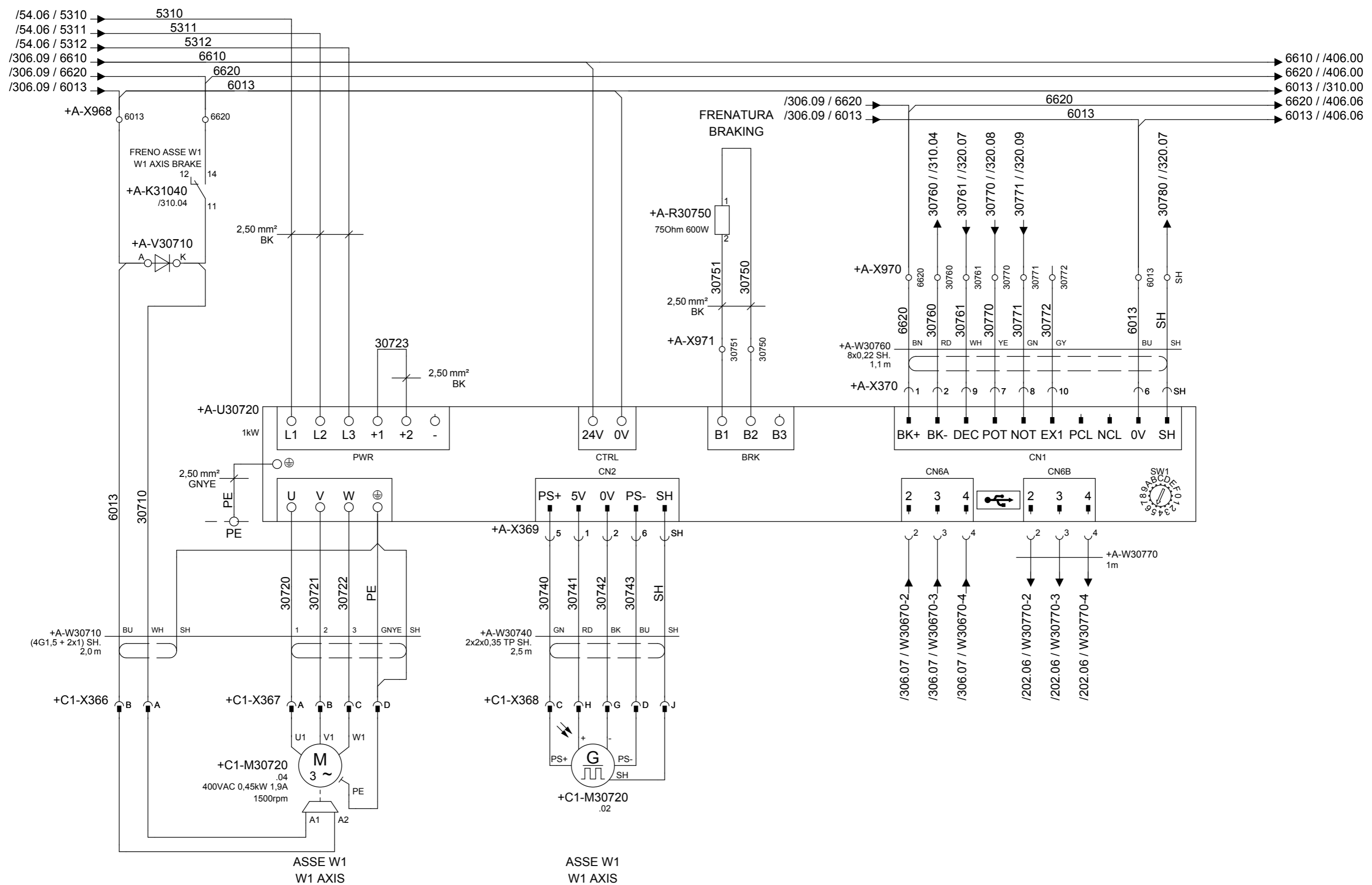
REVISION NR.	DATE	NAME	NORM

MODIF.	07/12/2007
PROC.	GGraziosi
CHECK	



**PRESSORE VERTICALE  
VERTICAL PRESSER**

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 301	SUBS. 307
<b>SKIPPER 100</b>		SERIAL NUMBER 22127	DIAGRAM 22127 - 01
		PAGE	<b>306</b>



REVISION NR.	DATE	NAME	NORM

MODIF. 07/12/2007  
 PROC. GGraziosi  
 CHECK

ASSE W1  
 W1 AXIS

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 306	SUBS. 310
SKIPPER_100		SERIAL NUMBER 22127	DIAGRAM 22127 - 01
		PAGE	307

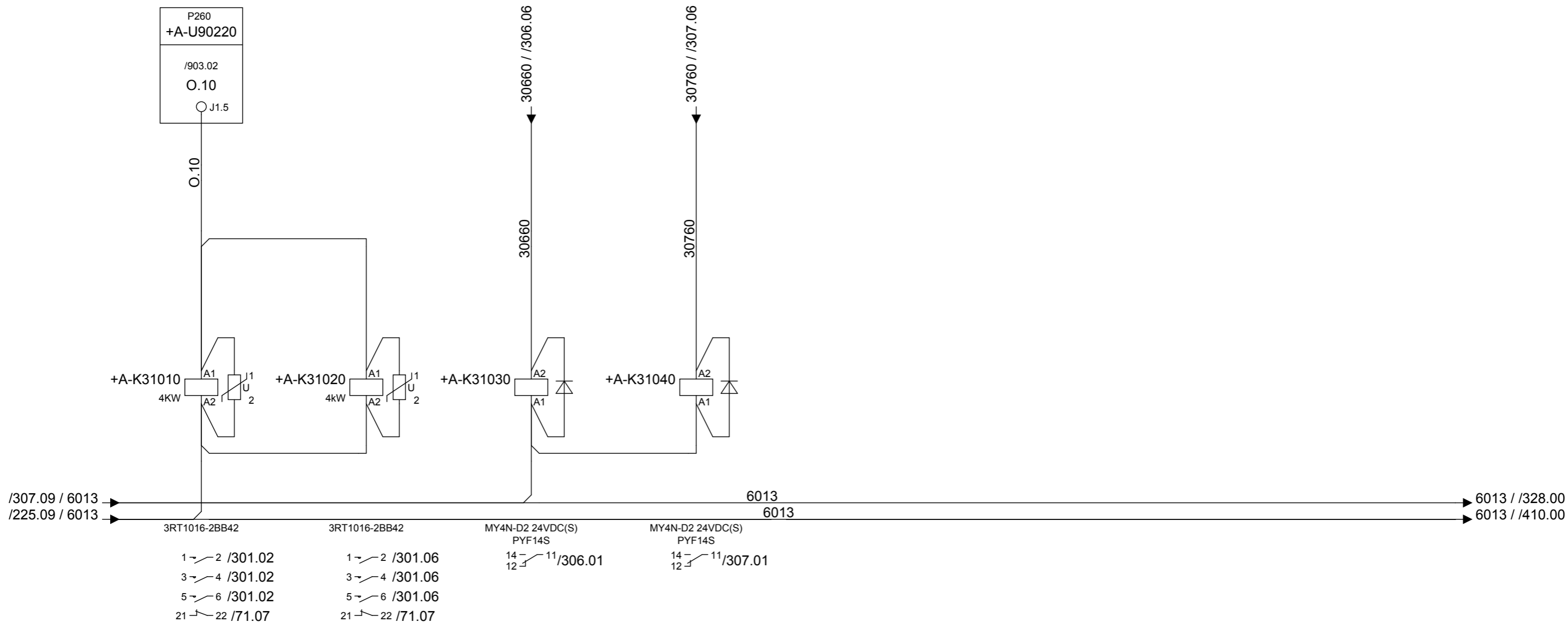
0 1 2 3 4 5 6 7 8 9

MARCIA MANDRINI 1  
SPINDLES 1 ON

MARCIA MANDRINO 2 TESTA 1  
SPINDLE 2 HEAD 1 START

FRENO PRESSORE VERTICALE  
VERTICAL PRESSER BRAKE

FRENO ASSE W1  
W1 AXIS BRAKE

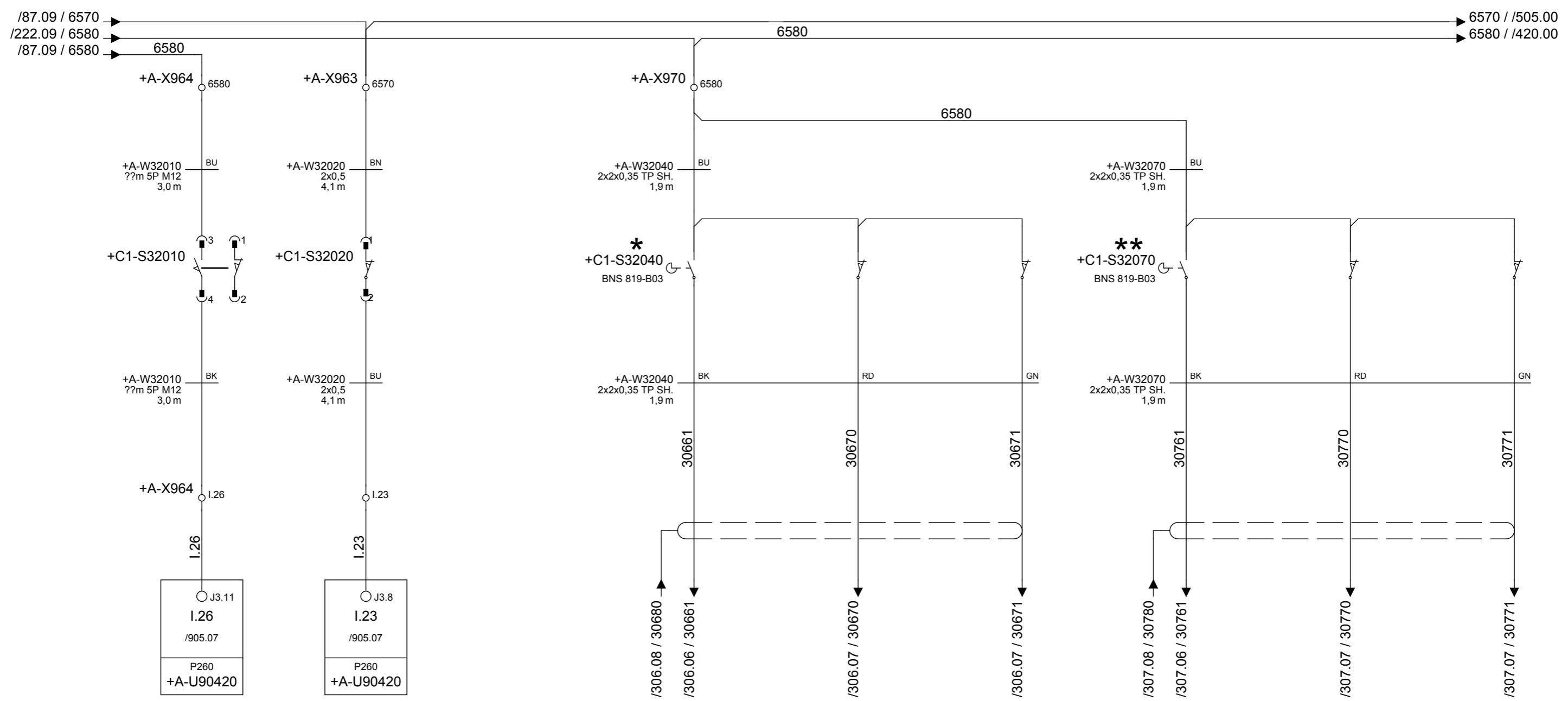


REVISION NR.	DATE	NAME	NORM

MODIF.	07/12/2007
PROC.	GGraziosi
CHECK	

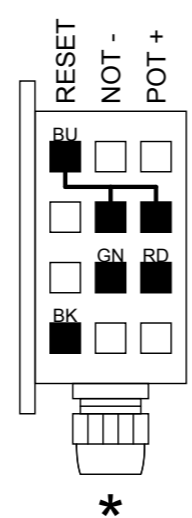
AUSILIARI TESTA SUPERIORE  
UPPER HEAD AUXILIARIES

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 307	SUBS. 320
SKIPPER_100	SERIAL NUMBER 22127	DIAGRAM 22127 - 01	PAGE 310



PROTEZIONE CHIUSA  
GUARD CLOSED

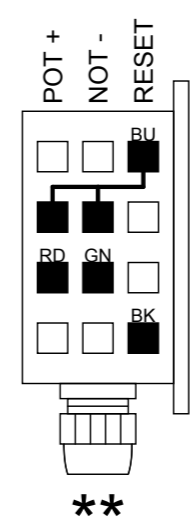
CIRCUITO DI LUBRIFICAZIONE OSTRUITO  
LUBRICATION CIRCUIT BLOCKED



RESET  
RESET

PRESSORE VERTICALE  
VERTICAL PRESSER

OLTRECORSO +  
OVERLIMITS +



RESET  
RESET

ASSE W1  
W1 AXIS

OLTRECORSO +  
OVERLIMITS +

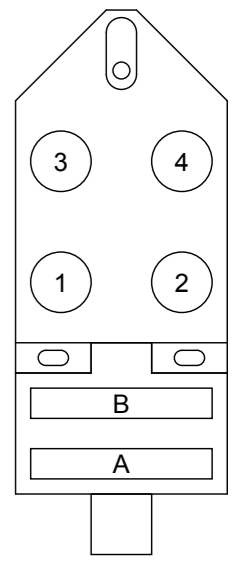
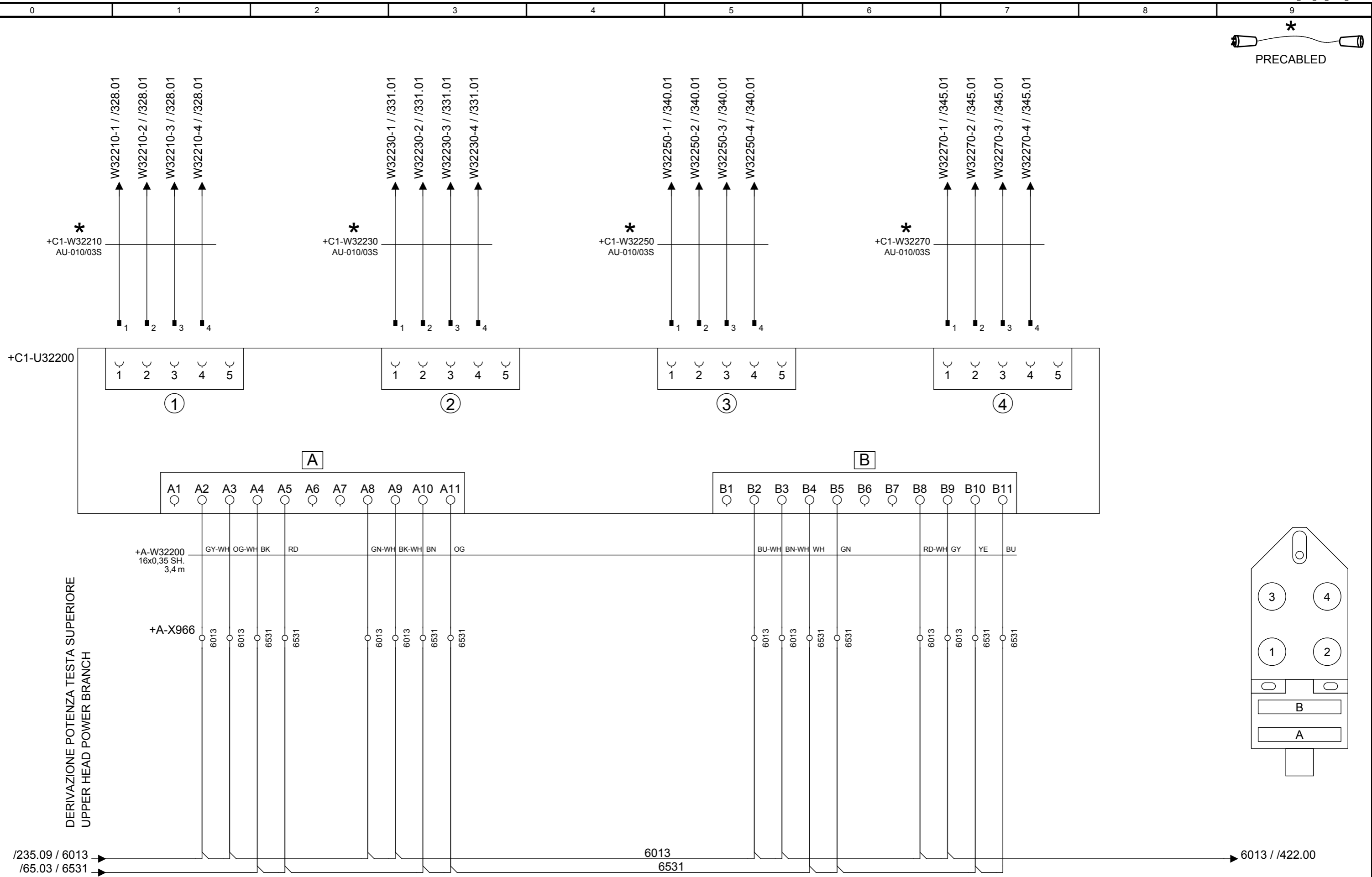
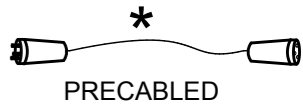
OLTRECORSO -  
OVERLIMITS -

MODIF.	07/12/2007
PROC.	GGraziosi
CHECK	
REVISION NR.	DATE
NAME	NORM



AUSILIARI TESTA SUPERIORE  
UPPER HEAD AUXILIARIES

CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	310	SUBS.	322
SKIPPER_100	SERIAL NUMBER 22127	DIAGRAM	22127 - 01	PAGE	320

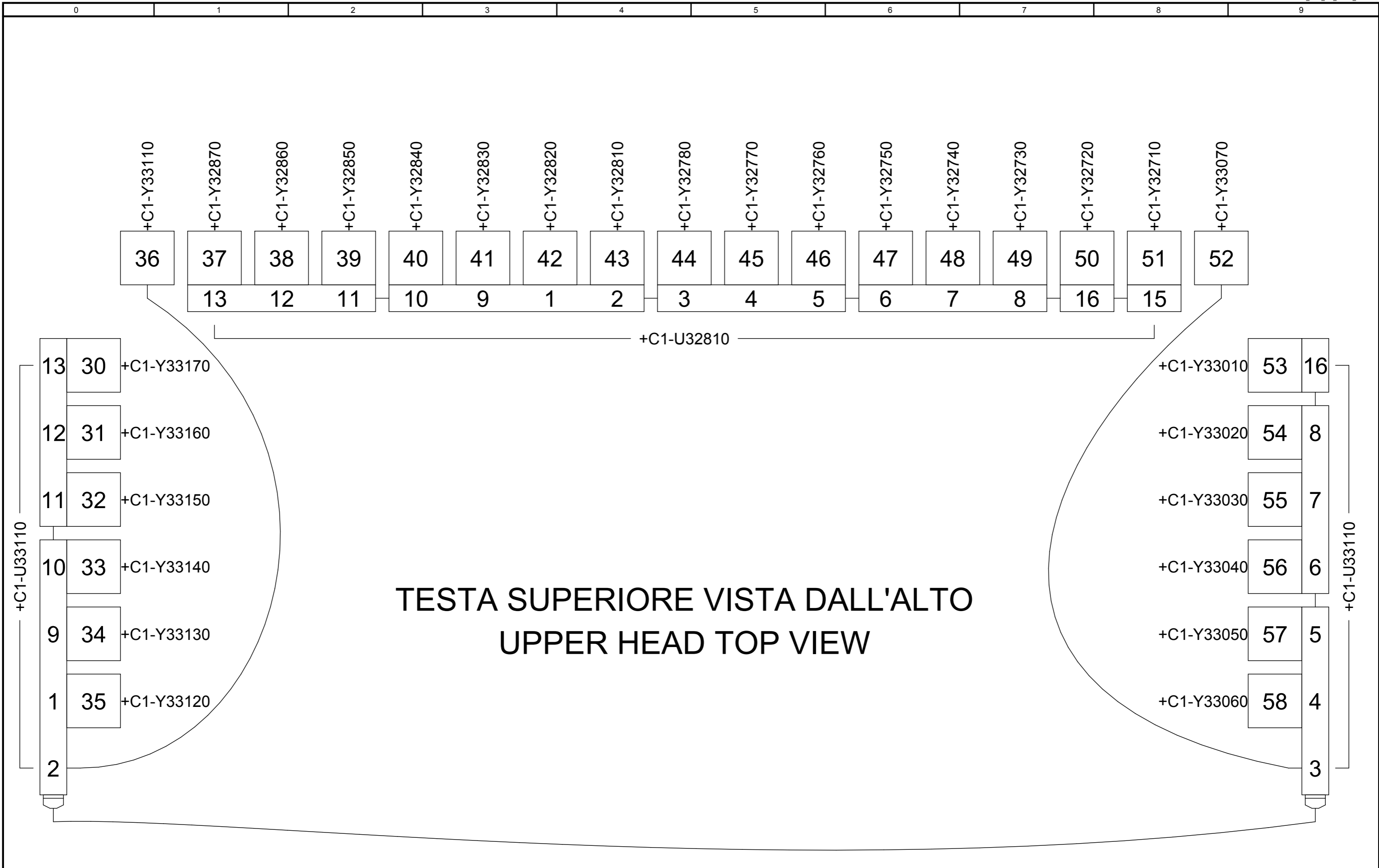


MODIF.	07/12/2007
PROC.	GGraziosi
CHECK	
NORM	
REVISION NR.	DATE
NAME	



DERIVAZIONE DI POTENZA TESTA SUPERIORE  
UPPER HEAD POWER BRANCH

CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	320	SUBS.	325
SKIPPER_100	SERIAL NUMBER	22127	DIAGRAM	22127 - 01	PAGE
					322

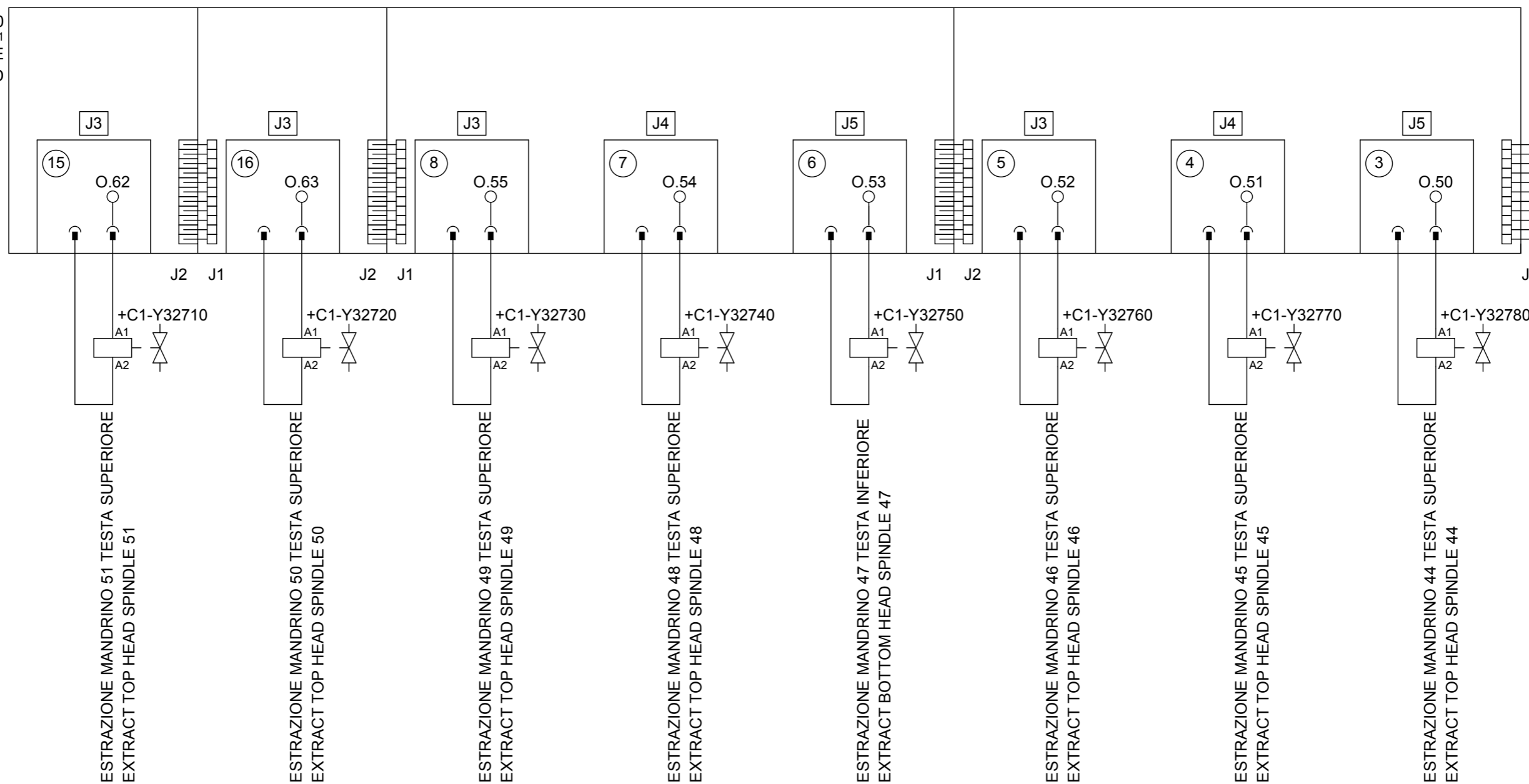




0 1 2 3 4 5 6 7 8 9

TESTA SUPERIORE VISTA DALL'ALTO  
UPPER HEAD TOP VIEW

+C1-U32810  
/328.01  
TESTA SUPERIORE  
UPPER HEAD



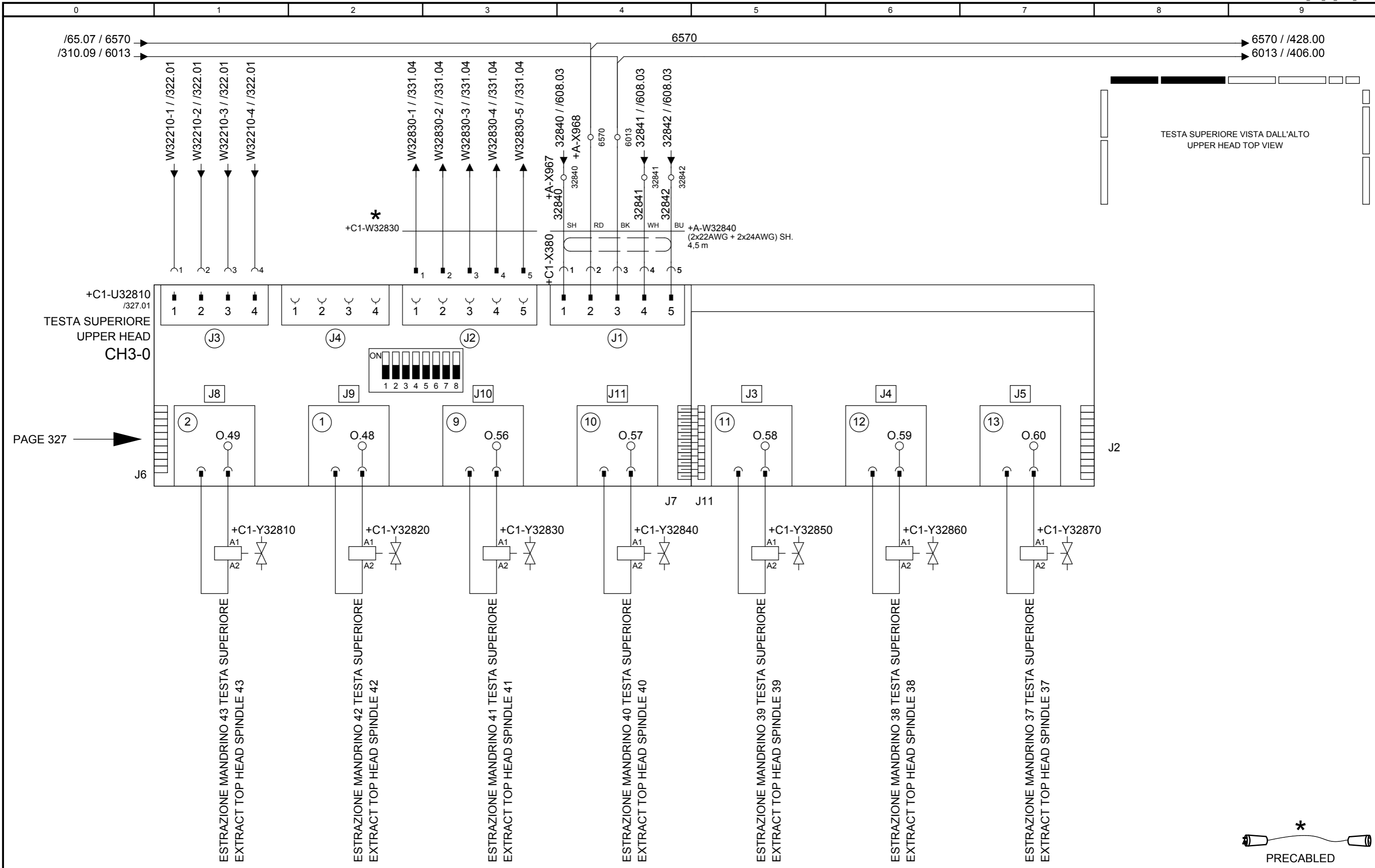
PAGE 328

REVISION NR.	DATE	NAME	NORM



CE305 TESTA SUPERIORE  
CE305 UPPER HEAD

CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	SUBS.
		325	328
SKIPPER 100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	327



PAGE 327

REVISION NR.	DATE	NAME	NORM



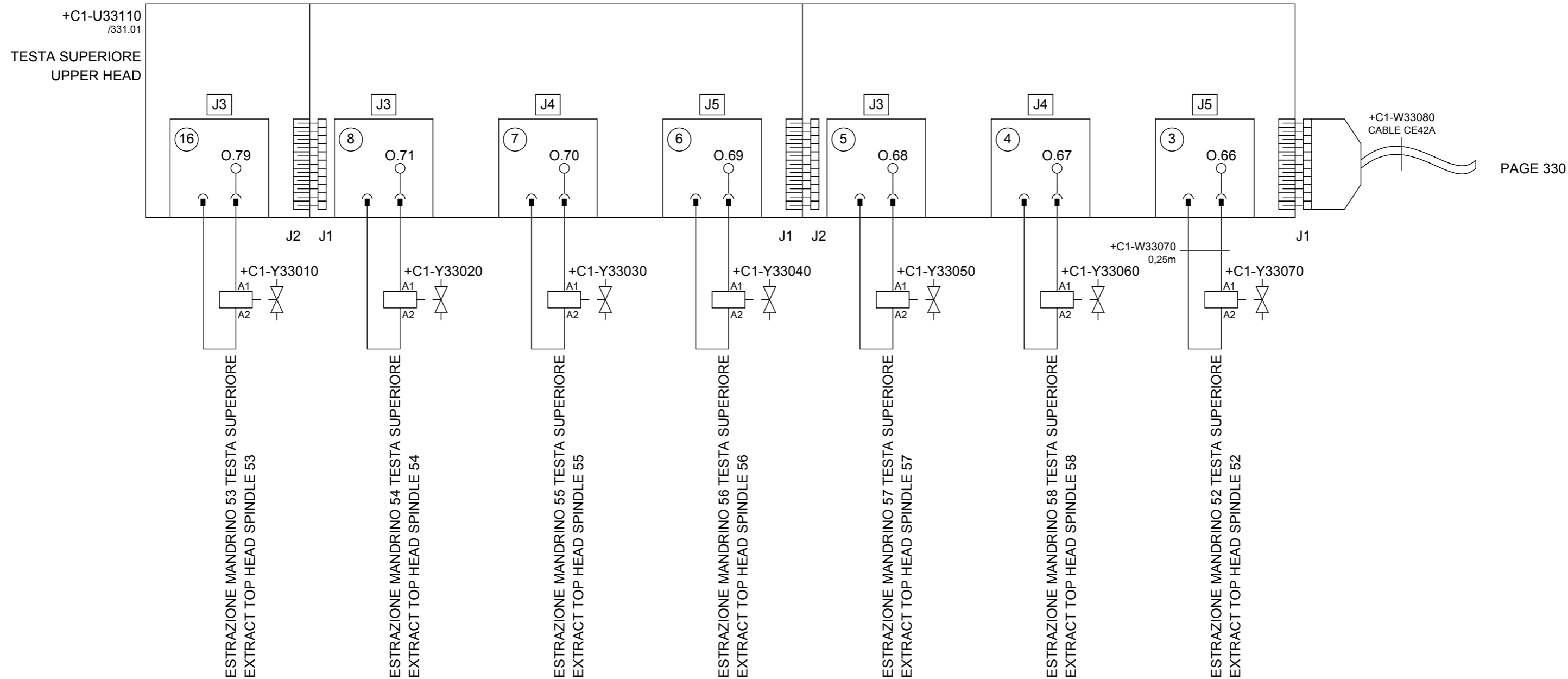
CE305 TESTA SUPERIORE  
CE305 UPPER HEAD

CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	327	SUBS.	330
SKIPPER 100	SERIAL NUMBER 22127	DIAGRAM	22127 - 01	PAGE	328



0 1 2 3 4 5 6 7 8 9

TESTA SUPERIORE VISTA DALL'ALTO  
UPPER HEAD TOP VIEW



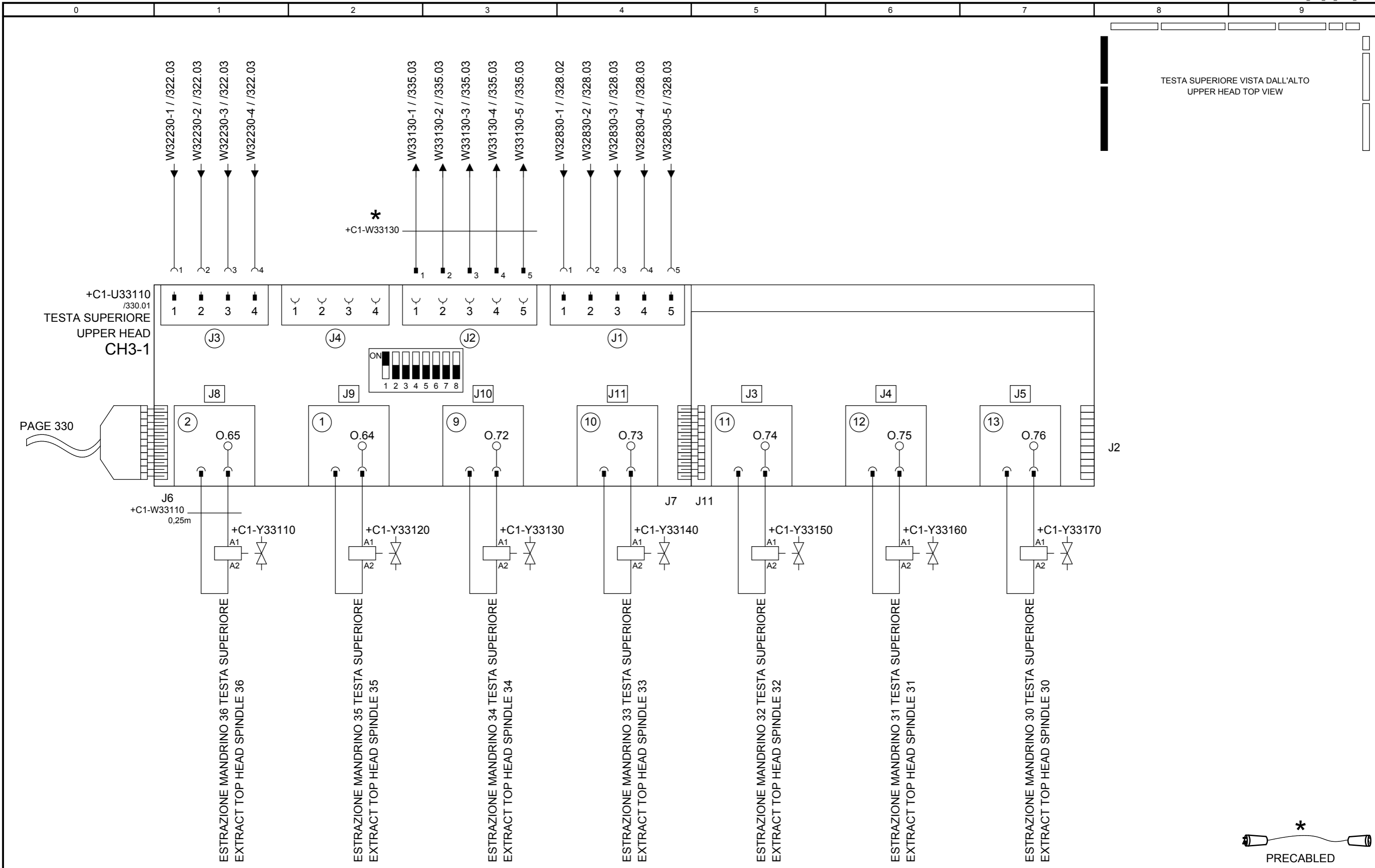
PAGE 330

REVISION NR.	DATE	NAME	NORM



CE305 TESTA SUPERIORE  
CE305 UPPER HEAD

CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	328	SUBS.	331
SKIPPER 100	SERIAL NUMBER 22127	DIAGRAM	22127 - 01	PAGE	330



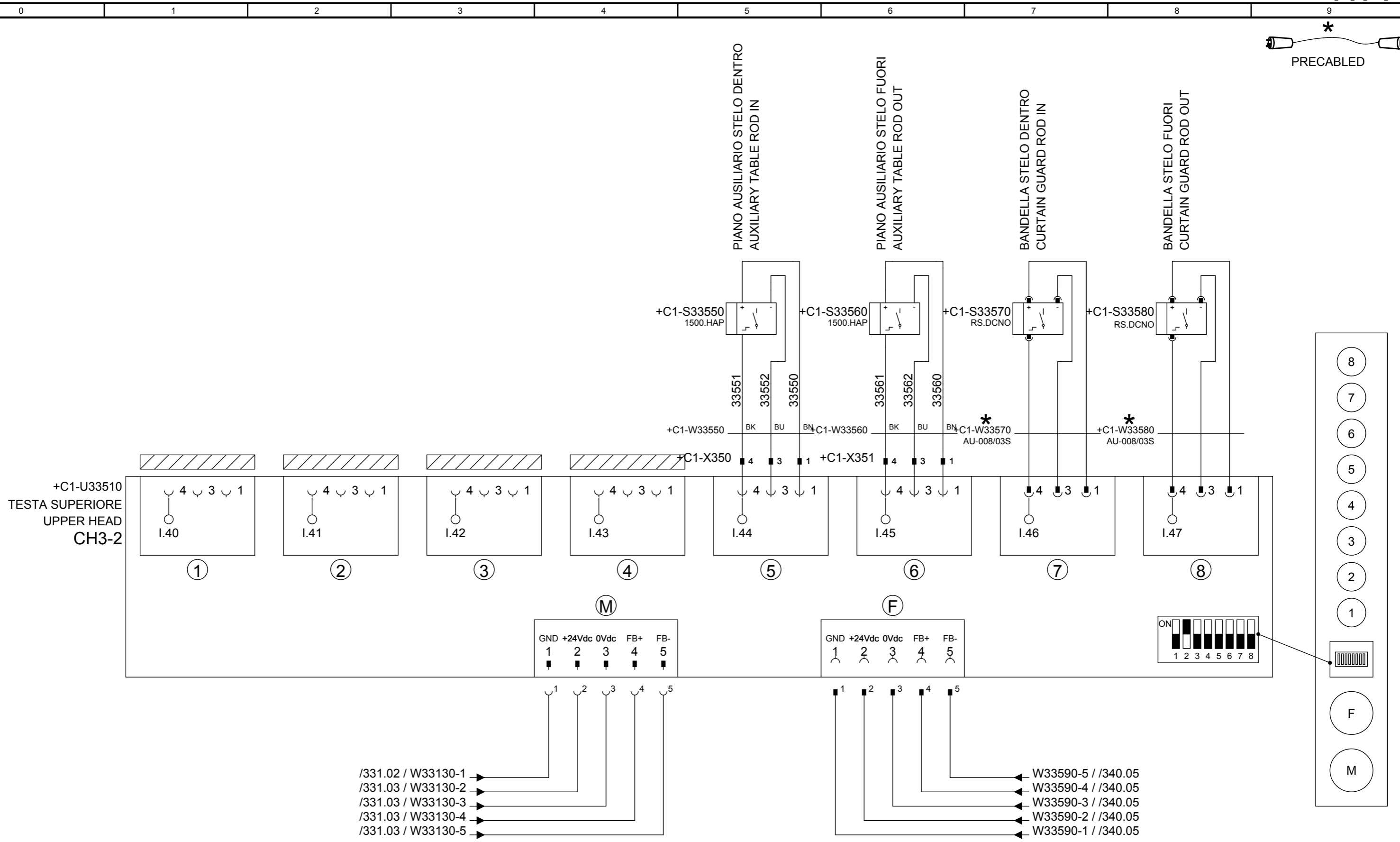
REVISION NR.	DATE	NAME	NORM
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MODIF.	07/12/2007
PROC.	G.Graziosi
CHECK	



CE305 TESTA SUPERIORE  
CE305 UPPER HEAD

CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	330	SUBS.	335
SKIPPER 100	SERIAL NUMBER 22127	DIAGRAM	22127 - 01	PAGE	331

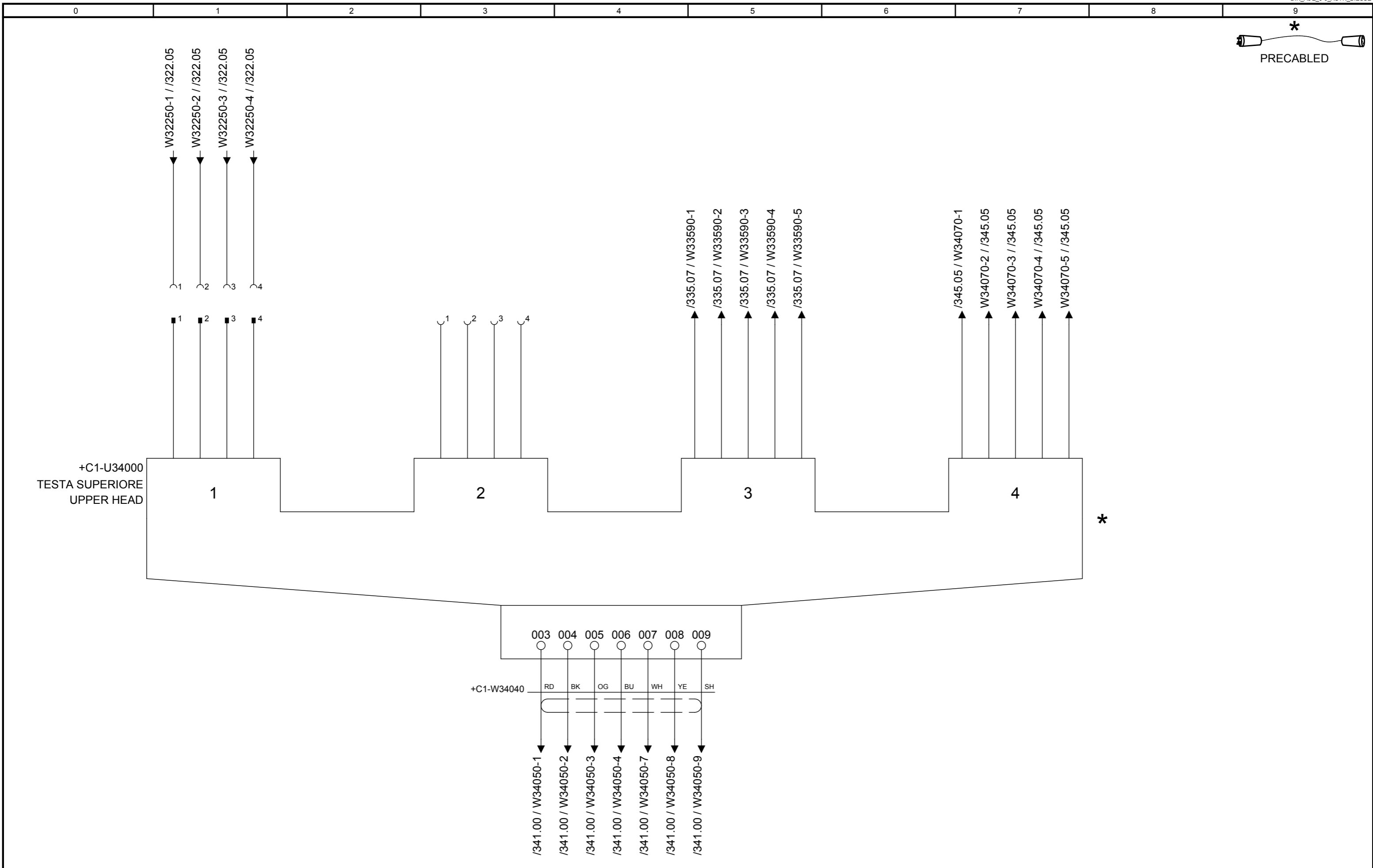


REVISION NR.	DATE	NAME	NORM
MODIF.	07/12/2007		
PROC.	GGraziosi		
CHECK			



CE201 TESTA SUPERIORE  
CE201 UPPER HEAD

CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	331	SUBS.	340
SKIPPER_100	SERIAL NUMBER 22127	DIAGRAM	22127 - 01	PAGE	335



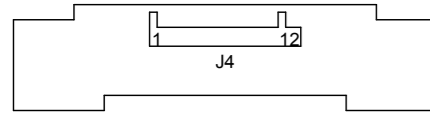
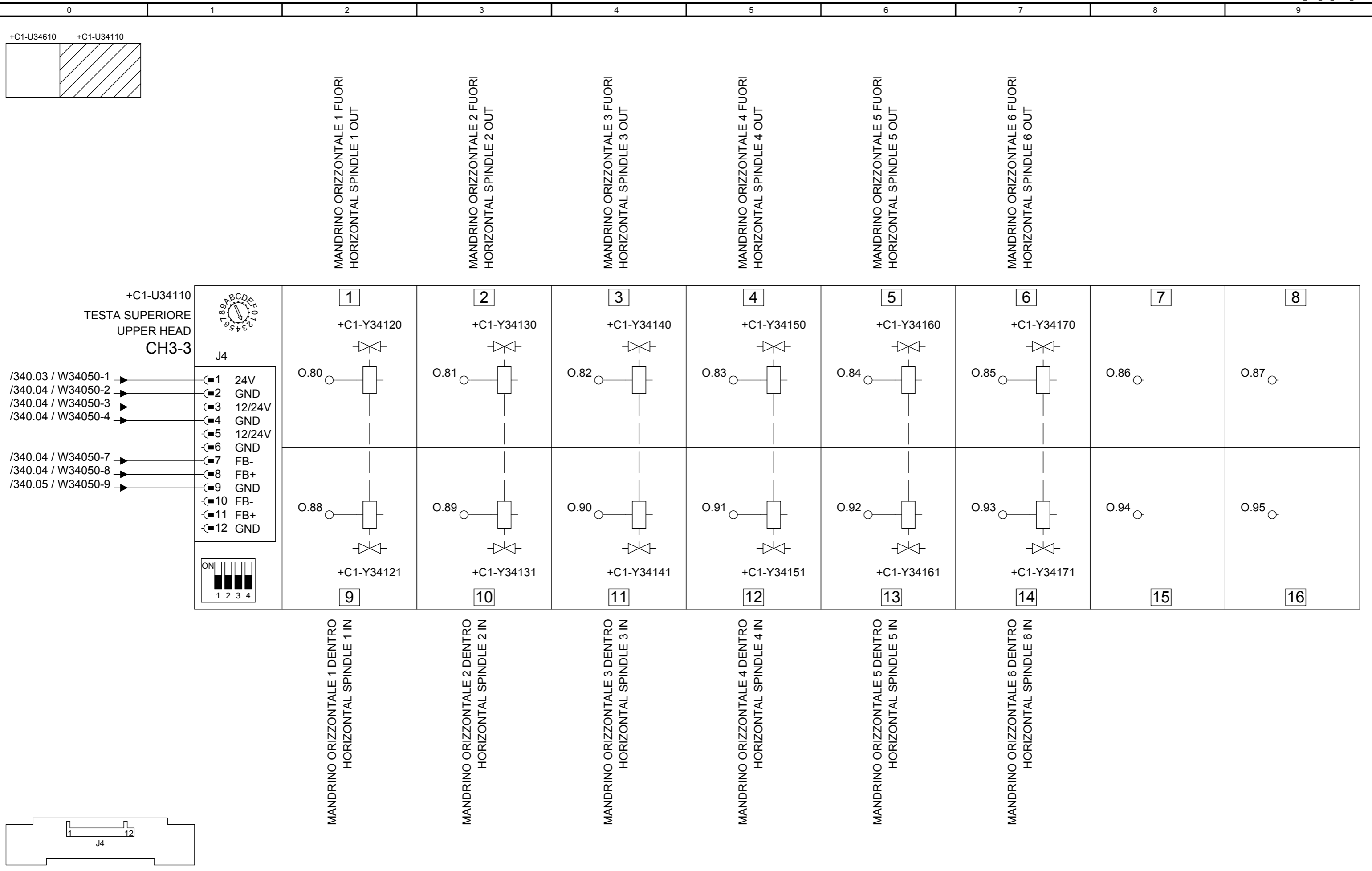
REVISION NR.	DATE	NAME	NORM
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MODIF.	07/12/2007
PROC.	GGraziosi
CHECK	



PM57 TESTA SUPERIORE  
PM57 UPPER HEAD

CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	335	SUBS.	341
SKIPPER_100	SERIAL NUMBER 22127	DIAGRAM	22127 - 01	PAGE	340



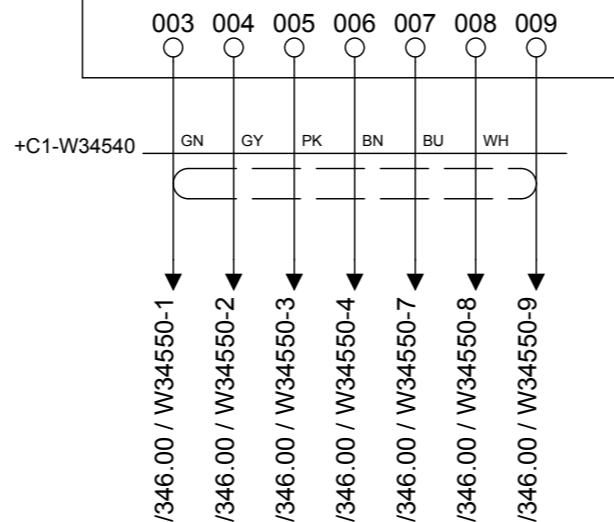
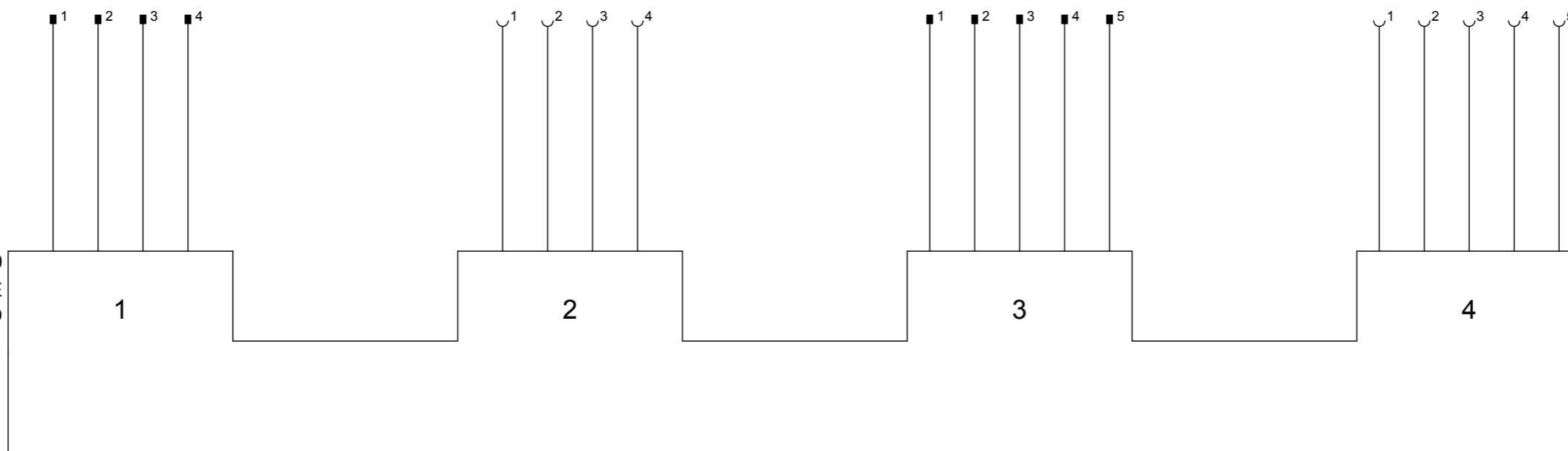
0 1 2 3 4 5 6 7 8 9



W32270-1 / /322.07  
 W32270-2 / /322.07  
 W32270-3 / /322.07  
 W32270-4 / /322.07

/340.07 / W34070-1  
 /340.07 / W34070-2  
 /340.07 / W34070-3  
 /340.07 / W34070-4  
 /340.07 / W34070-5

+C1-U34500  
 TESTA SUPERIORE  
 UPPER HEAD



REVISION NR.	DATE	NAME	NORM

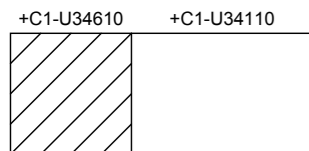


PM57 TESTA SUPERIORE  
 PM57 UPPER HEAD

CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	SUBS.
		341	346
SKIPPER 100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	345



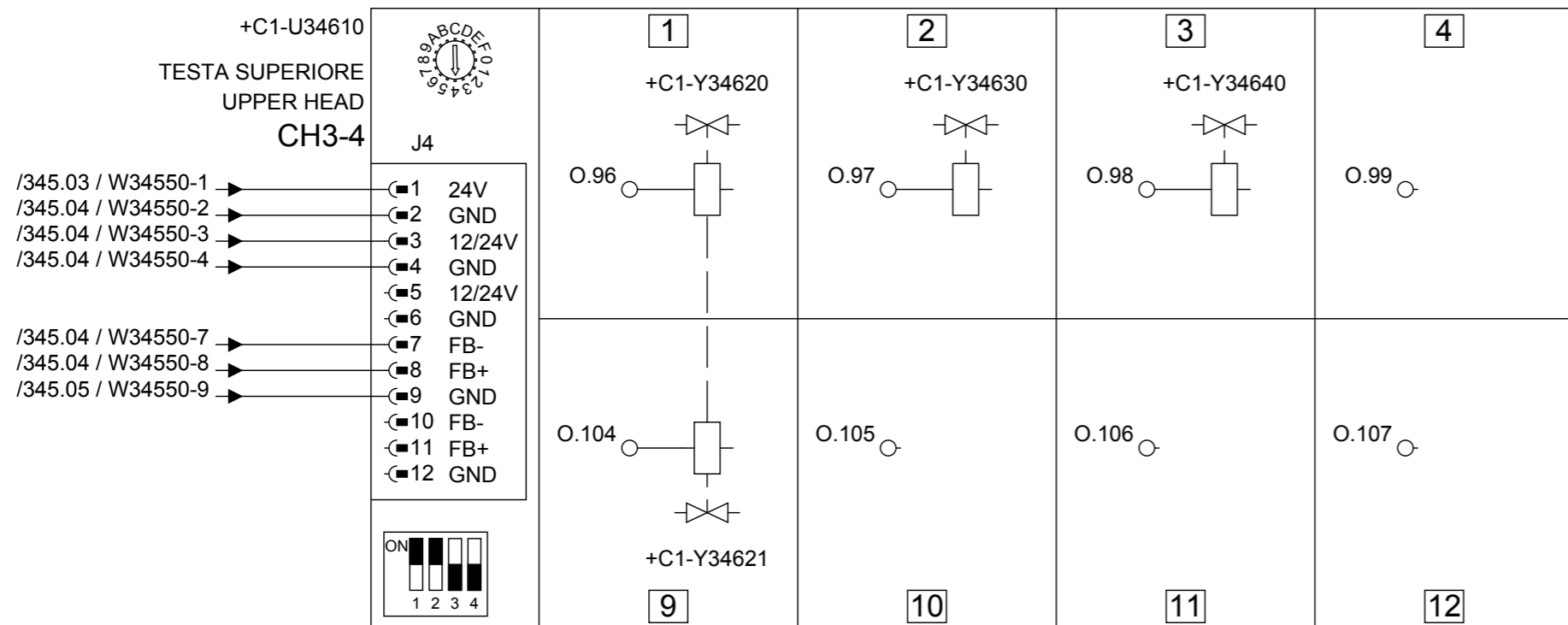
0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---



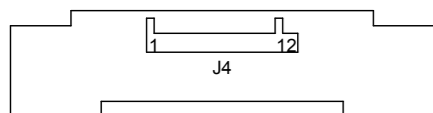
BANDELLA STELO DENTRO  
CURTAIN GUARD ROD IN

VELO ARIA SUPERIORE PRINCIPALE  
MAIN TOP AIR JET

PIANO AUSILIARIO STELO FUORI  
AUXILIARY TABLE ROD OUT



BANDELLA STELO FUORI  
CURTAIN GUARD ROD OUT



REVISION NR.	DATE	NAME	NORM



PM57 TESTA SUPERIORE  
PM57 UPPER HEAD

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 345	SUBS. 400
SKIPPER 100	SERIAL NUMBER 22127	DIAGRAM 22127 - 01	PAGE 346

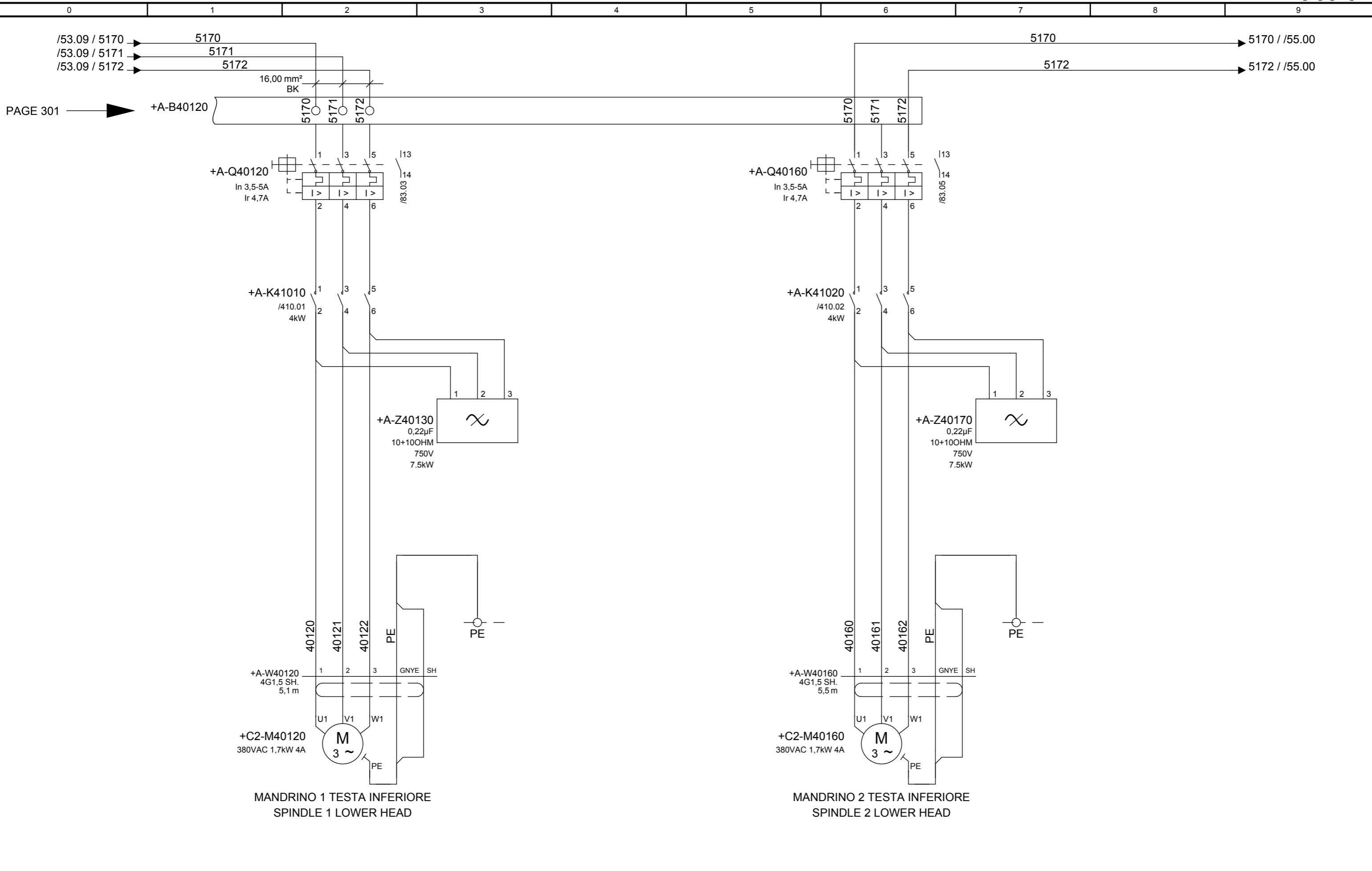
# TESTA INFERIORE LOWER HEAD

			MODIF.	07/12/2007
			PROC.	GGraziosi
			CHECK	
REVISION NR.	DATE	NAME	NORM	



TESTA INFERIORE  
LOWER HEAD

CUSTOMER		PREV.	SUBS.
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		346	401
SKIPPER_100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	400



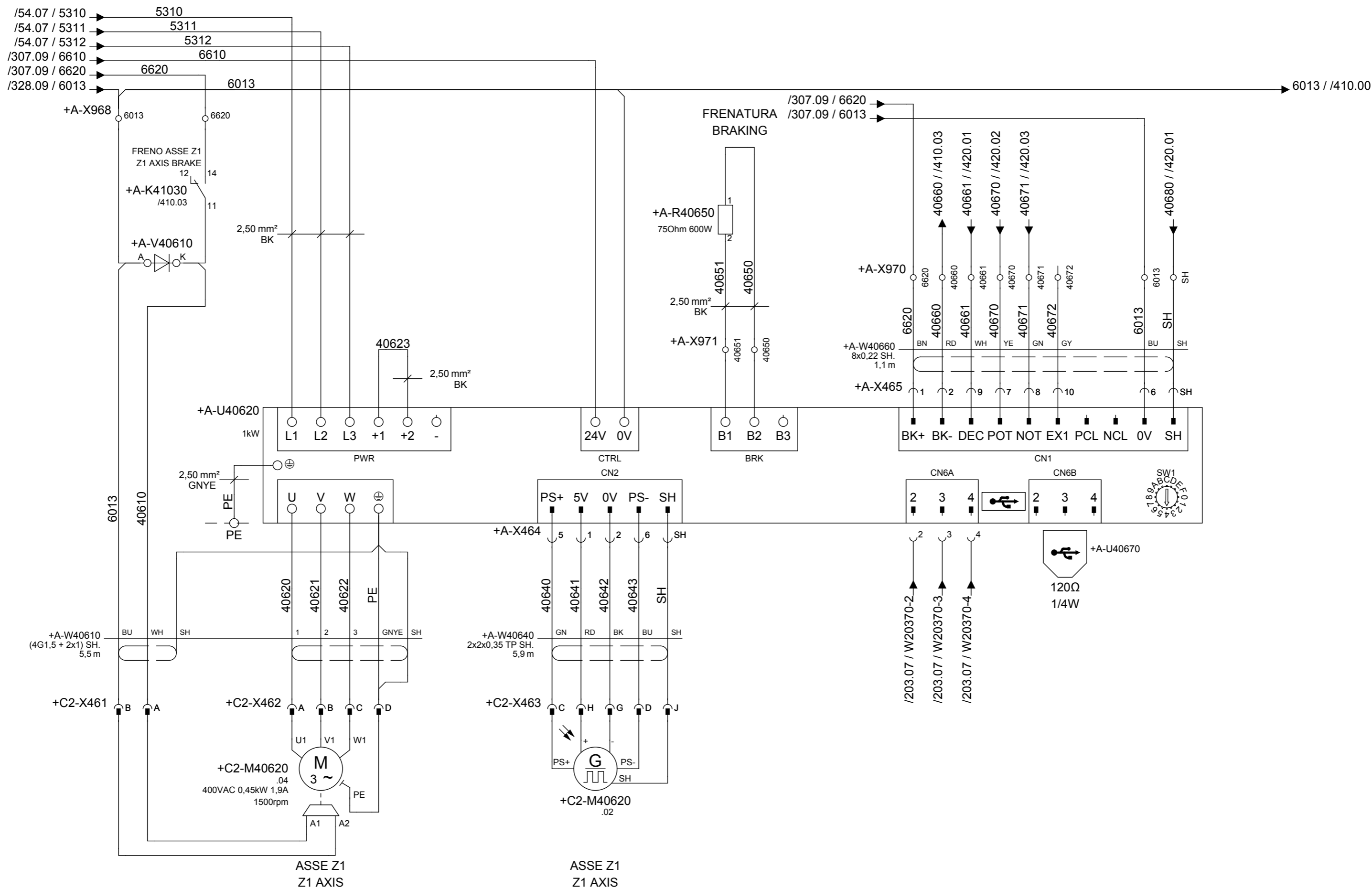
REVISION NR.	DATE	NAME	NORM

MODIF.	07/12/2007
PROC.	GGraziosi
CHECK	



FORATURA CENTRO DI LAVORO 1 TESTA 2  
 PROCESSING CENTRE 1 HEAD 2 BORING

CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	400	SUBS.	406
SKIPPER_100	SERIAL NUMBER 22127	DIAGRAM	22127 - 01	PAGE	401



REVISION NR.	DATE	NAME	NORM

MODIF. 07/12/2007  
 PROC. GGraziosi  
 CHECK  
**BIESSE**

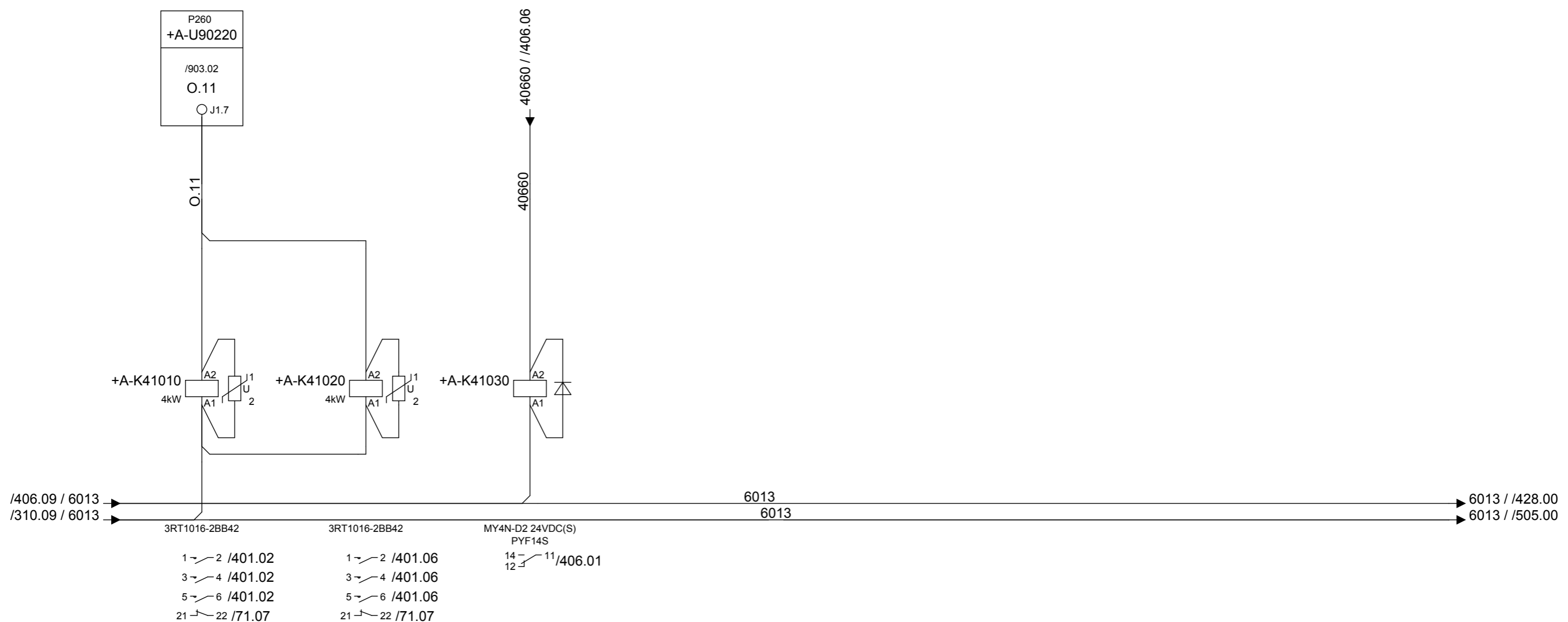
ASSE Z1  
 Z1 AXIS

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 401	SUBS. 410
<b>SKIPPER 100</b>		SERIAL NUMBER 22127	DIAGRAM 22127 - 01
		PAGE	<b>406</b>

0 1 2 3 4 5 6 7 8 9

MARCIA MANDRINI 2  
SPINDLES 2 ON

FRENO ASSE Z1  
Z1 AXIS BRAKE



1 ~ 2 /401.02  
3 ~ 4 /401.02  
5 ~ 6 /401.02  
21 ~ 22 /71.07

1 ~ 2 /401.06  
3 ~ 4 /401.06  
5 ~ 6 /401.06  
21 ~ 22 /71.07

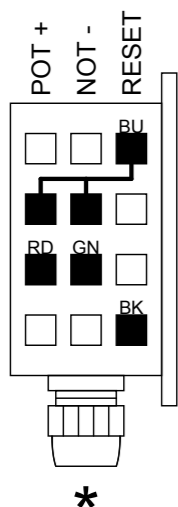
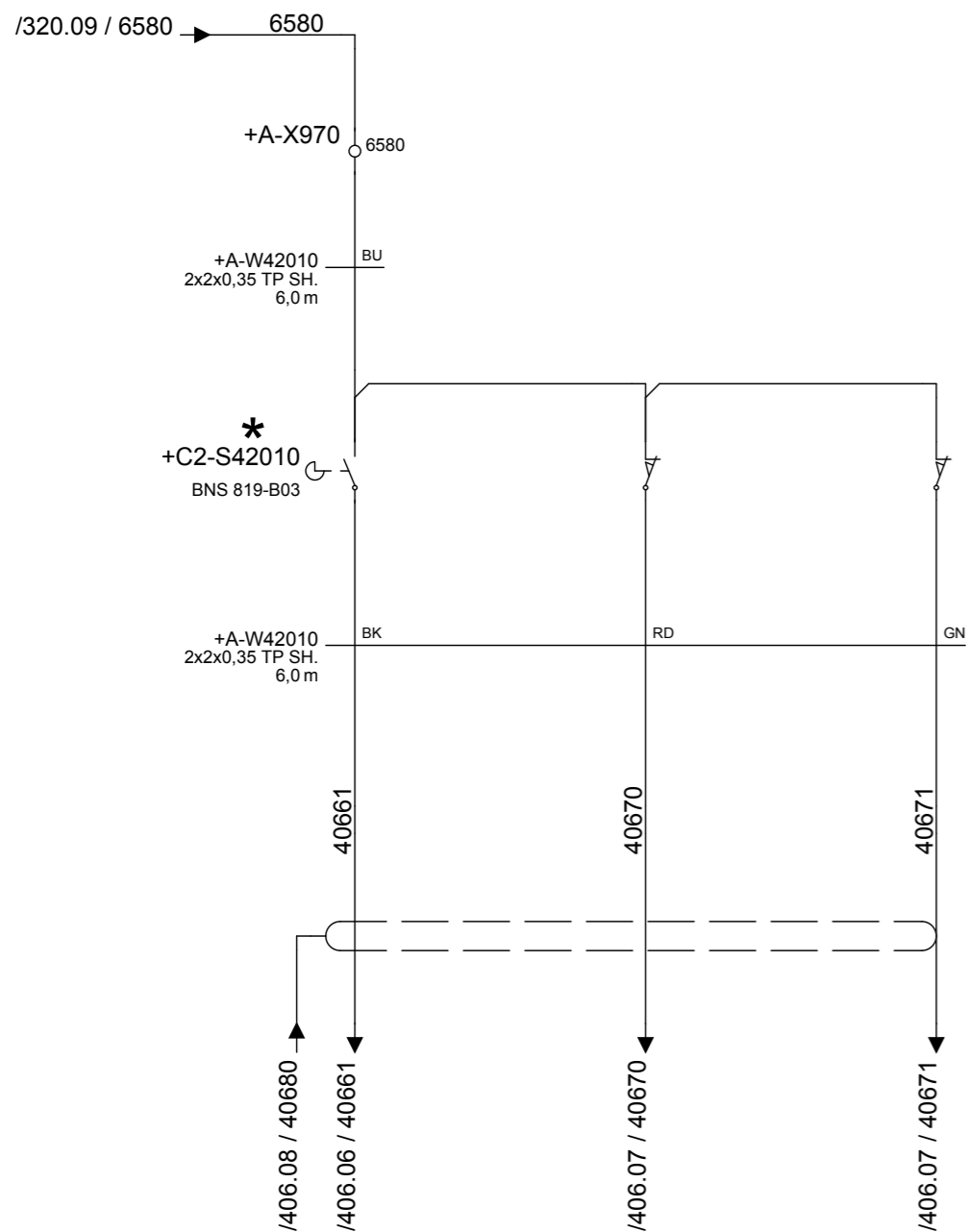
14 ~ 11 /406.01  
12 ~ 11

REVISION NR.	DATE	NAME	NORM



AUSILIARI TESTA INFERIORE  
LOWER HEAD AUXILIARIES

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 406	SUBS. 420
SKIPPER_100	SERIAL NUMBER 22127	DIAGRAM 22127 - 01	PAGE 410



ASSE Z1  
Z1 AXIS

OLTRECORSA +  
OVERLIMITS +

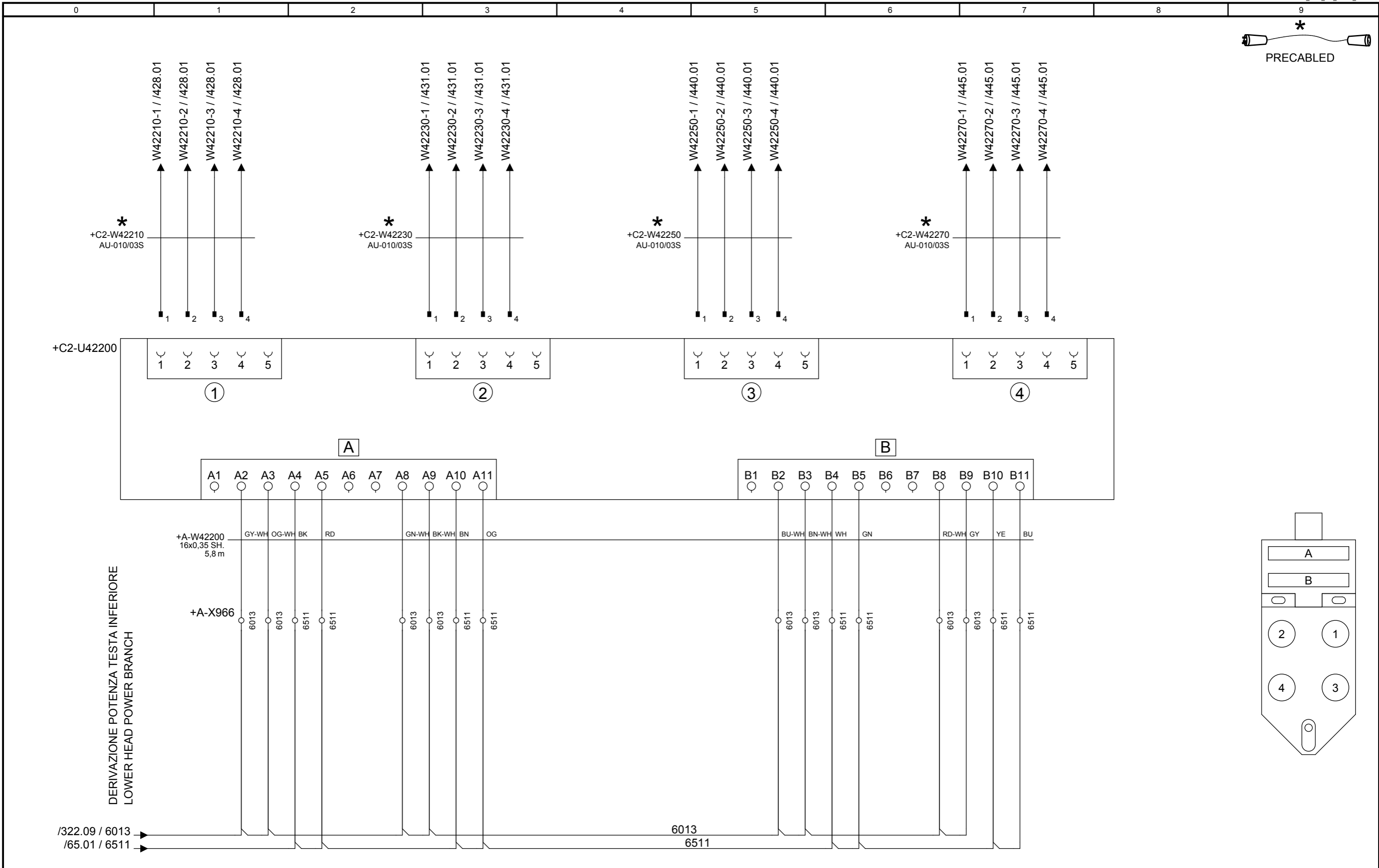
OLTRECORSA -  
OVERLIMITS -

REVISION NR.	DATE	NAME	NORM

MODIF. 07/12/2007  
 PROC. GGraziosi  
 CHECK

AUSILIARI TESTA INFERIORE  
 LOWER HEAD AUXILIARIES

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 410	SUBS. 422
SKIPPER_100	SERIAL NUMBER 22127	DIAGRAM 22127 - 01	PAGE 420



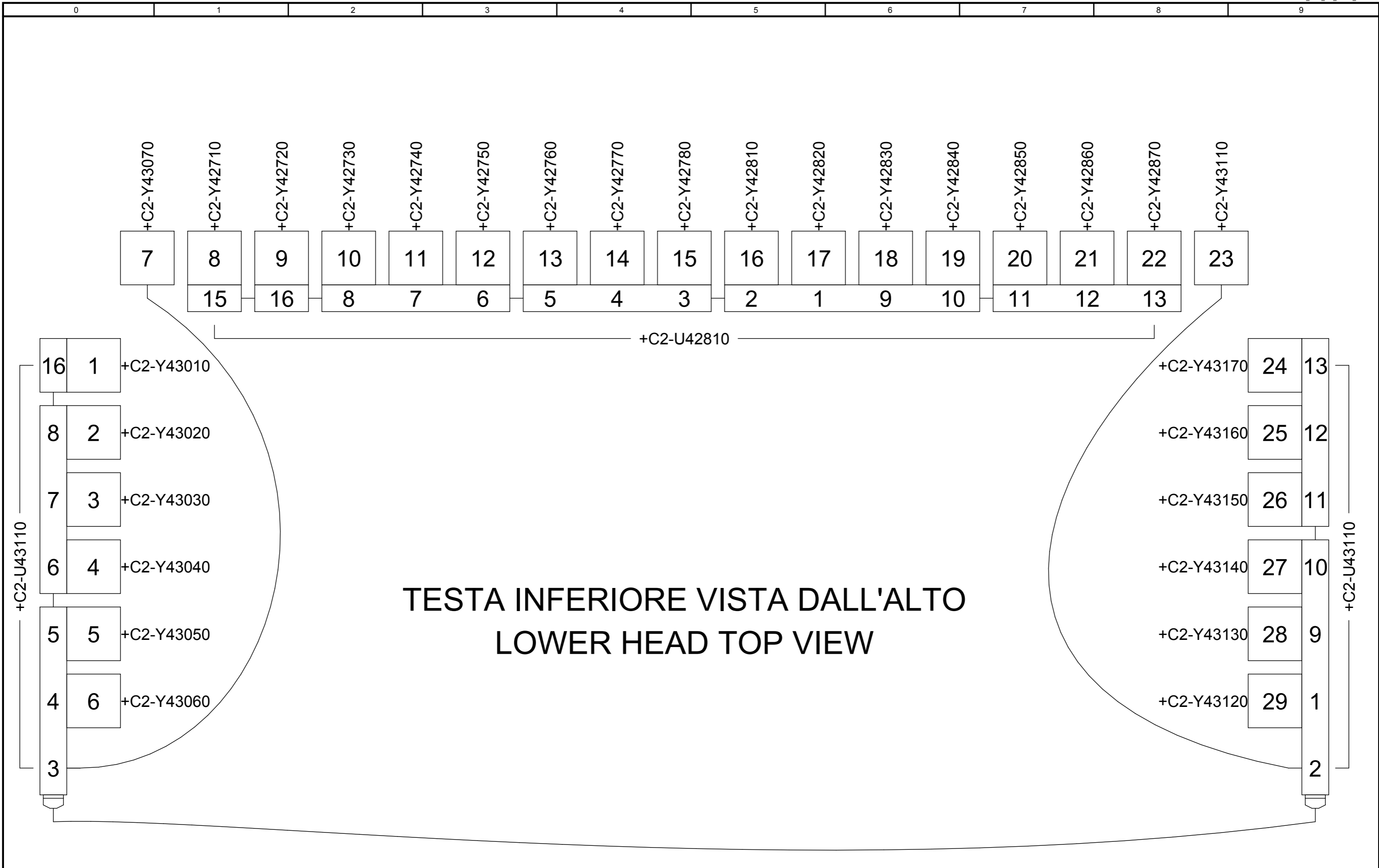
REVISION NR.	DATE	NAME	NORM

MODIF.	07/12/2007
PROC.	GGraziosi
CHECK	



**DERIVAZIONE DI POTENZA TESTA INFERIORE  
LOWER HEAD POWER BRANCH**

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 420	SUBS. 425
<b>SKIPPER 100</b>		SERIAL NUMBER 22127	DIAGRAM 22127 - 01
		PAGE	<b>422</b>



REVISION NR.	DATE	NAME	NORM

MODIF.	07/12/2007
PROC.	GGraziosi
CHECK	



DISPOSIZIONE PNEUMOMANDRINI TESTA INFERIORE  
LOWER HEAD PNEUMATIC SPINDLE DISTRIBUTION

CUSTOMER  
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO  
**SKIPPER 100**

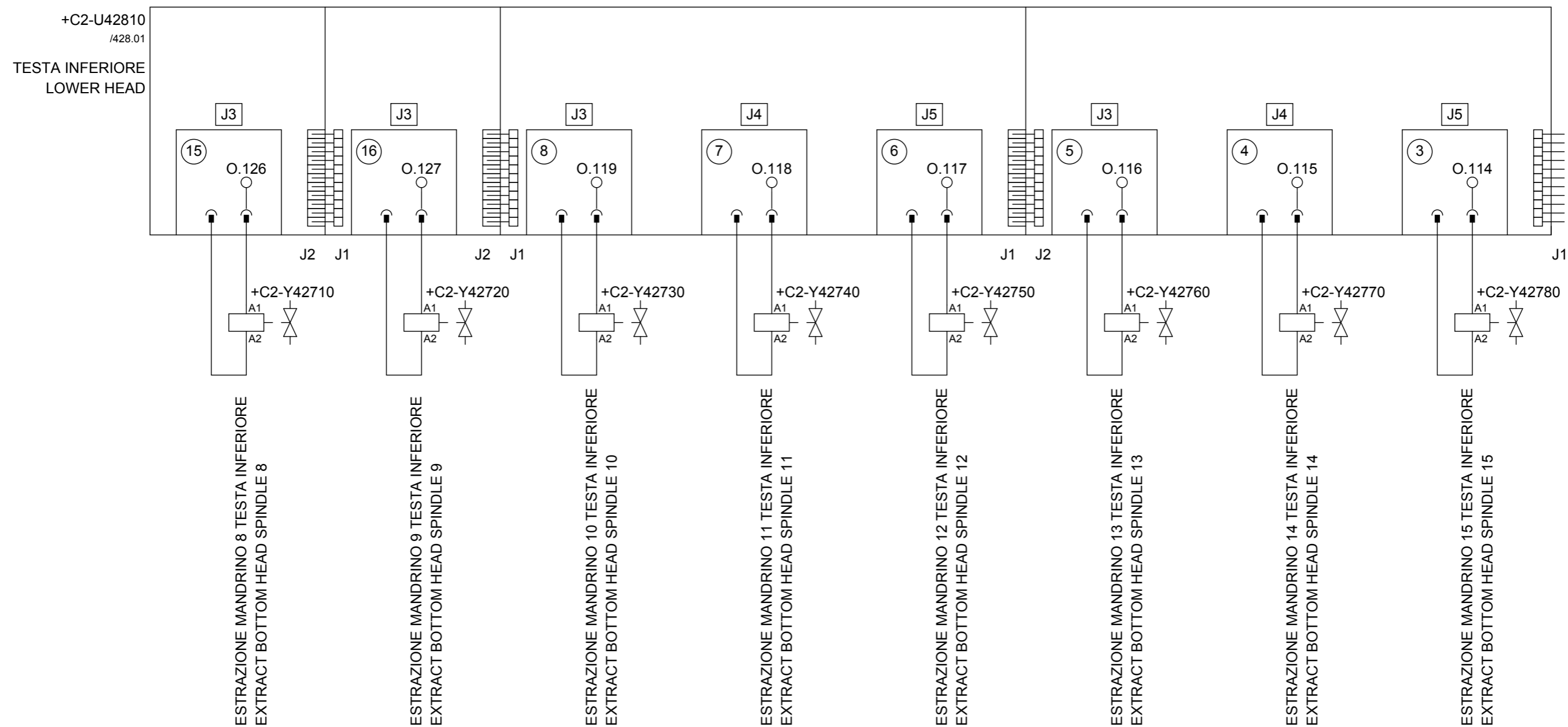
SERIAL NUMBER  
22127

DIAGRAM  
22127 - 01

PREV.	422	SUBS.	427
PAGE			425



TESTA INFERIORE VISTA DALL'ALTO  
LOWER HEAD TOP VIEW



ESTRAZIONE MANDRINO 8 TESTA INFERIORE  
EXTRACT BOTTOM HEAD SPINDLE 8

ESTRAZIONE MANDRINO 9 TESTA INFERIORE  
EXTRACT BOTTOM HEAD SPINDLE 9

ESTRAZIONE MANDRINO 10 TESTA INFERIORE  
EXTRACT BOTTOM HEAD SPINDLE 10

ESTRAZIONE MANDRINO 11 TESTA INFERIORE  
EXTRACT BOTTOM HEAD SPINDLE 11

ESTRAZIONE MANDRINO 12 TESTA INFERIORE  
EXTRACT BOTTOM HEAD SPINDLE 12

ESTRAZIONE MANDRINO 13 TESTA INFERIORE  
EXTRACT BOTTOM HEAD SPINDLE 13

ESTRAZIONE MANDRINO 14 TESTA INFERIORE  
EXTRACT BOTTOM HEAD SPINDLE 14

ESTRAZIONE MANDRINO 15 TESTA INFERIORE  
EXTRACT BOTTOM HEAD SPINDLE 15

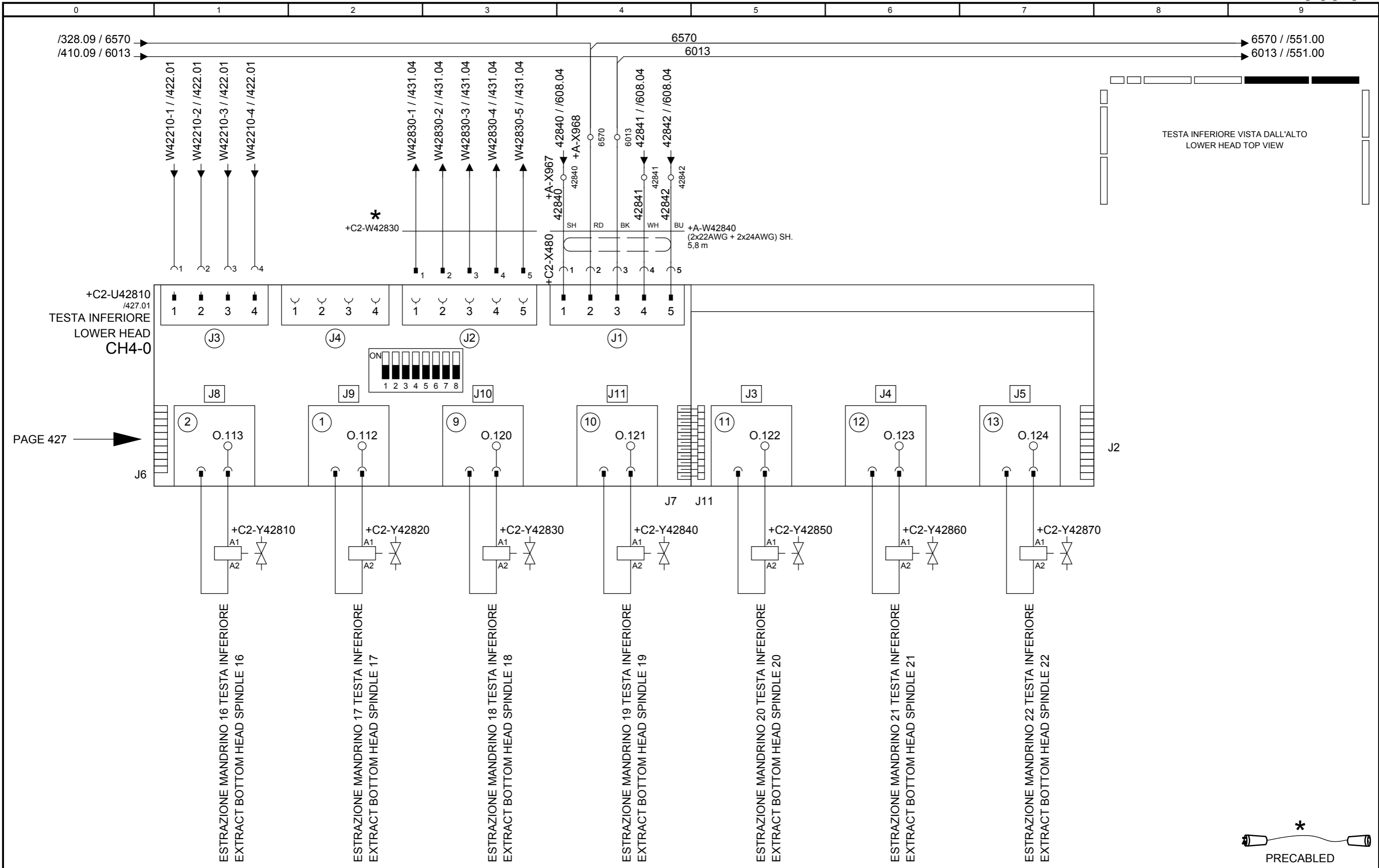
PAGE 428

MODIF.	07/12/2007
PROC.	GGraziosi
CHECK	
REVISION NR.	DATE
NAME	NORM



CE305 TESTA INFERIORE  
CE305 LOWER HEAD

CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	425	SUBS.	428
SKIPPER_100	SERIAL NUMBER 22127	DIAGRAM	22127 - 01	PAGE	427



PAGE 427 →

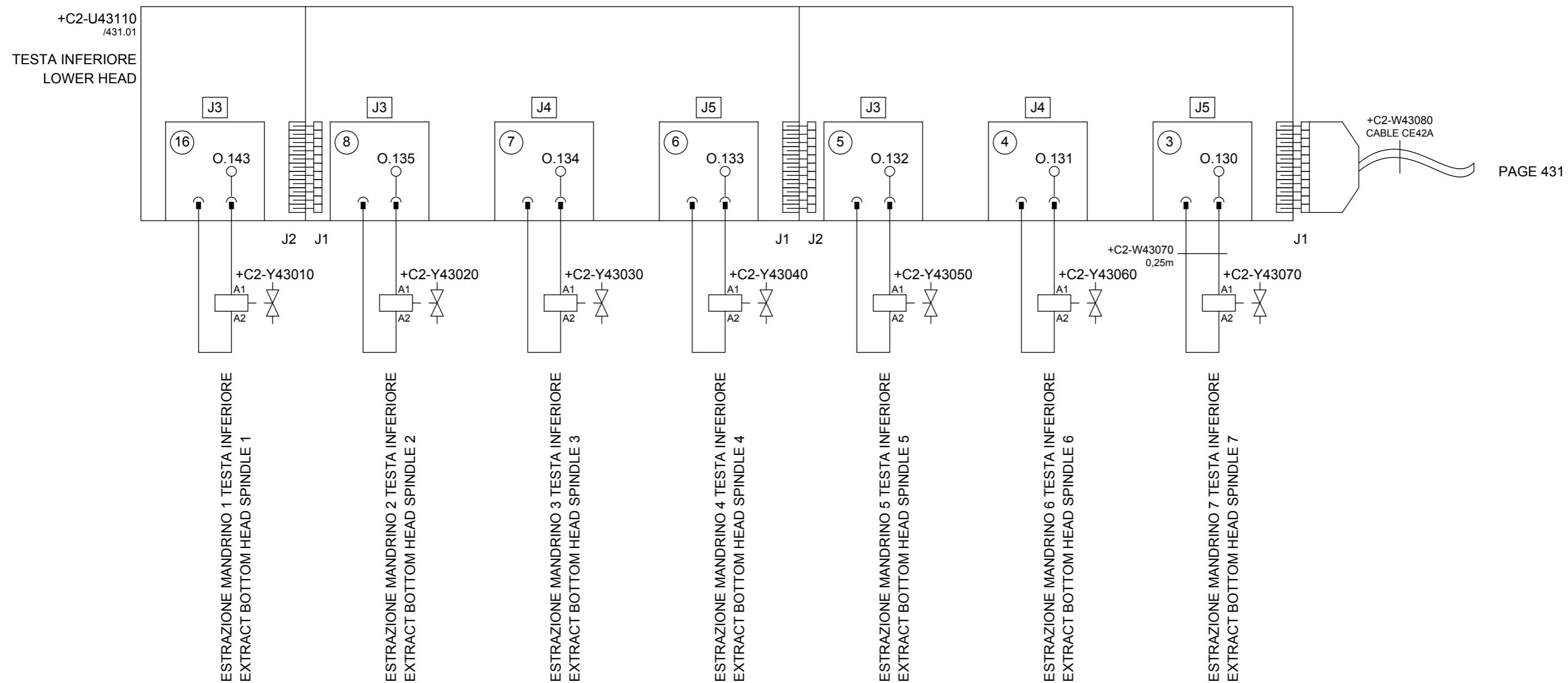
MODIF.	07/12/2007
PROC.	G.Graziosi
CHECK	
REVISION NR.	DATE
	NAME
	NORM



CE305 TESTA INFERIORE  
CE305 LOWER HEAD

CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	427	SUBS.	430
SKIPPER 100	SERIAL NUMBER 22127	DIAGRAM	22127 - 01	PAGE	428

TESTA INFERIORE VISTA DALL'ALTO  
LOWER HEAD TOP VIEW



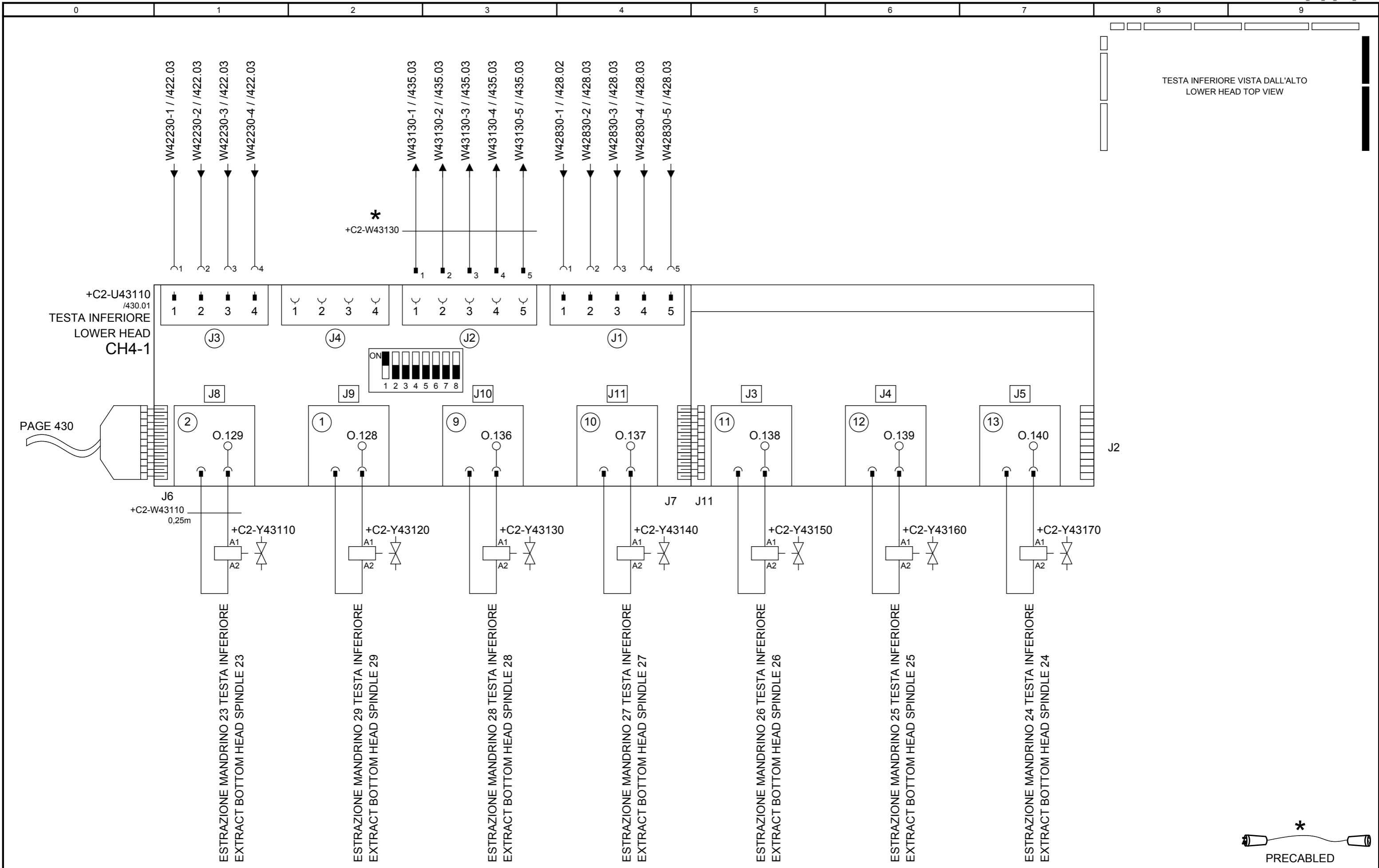
PAGE 431

REVISION NR.	DATE	NAME	NORM



CE305 TESTA INFERIORE  
CE305 LOWER HEAD

CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	SUBS.
		428	431
SKIPPER 100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	430

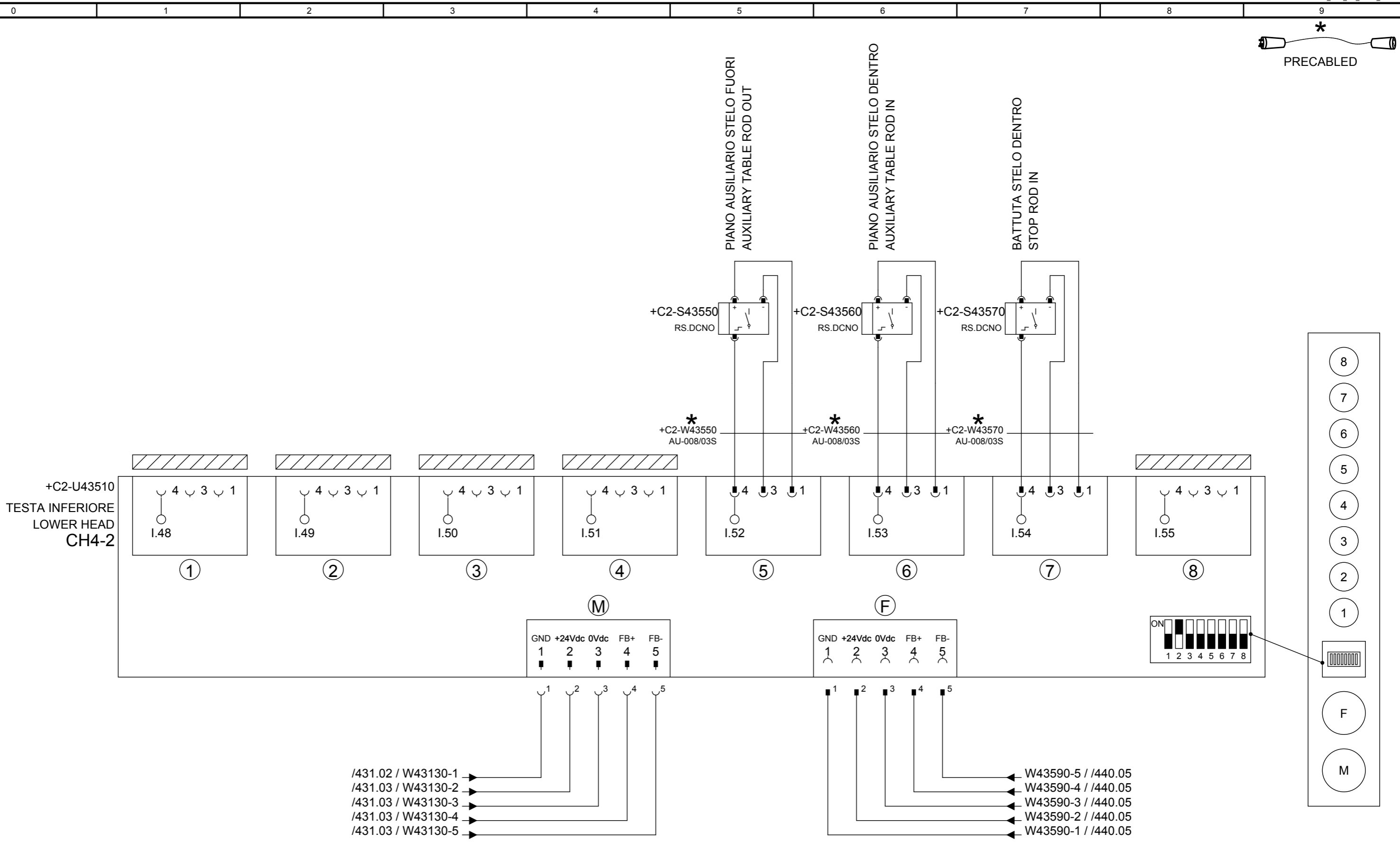


MODIF.	07/12/2007
PROC.	GGraziosi
CHECK	
REVISION NR.	DATE
NAME	NORM



CE305 TESTA INFERIORE  
CE305 LOWER HEAD

CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	430	SUBS.	435
SKIPPER 100	SERIAL NUMBER	22127	DIAGRAM	22127 - 01	PAGE
					431



/431.02 / W43130-1  
 /431.03 / W43130-2  
 /431.03 / W43130-3  
 /431.03 / W43130-4  
 /431.03 / W43130-5

W43590-5 / /440.05  
 W43590-4 / /440.05  
 W43590-3 / /440.05  
 W43590-2 / /440.05  
 W43590-1 / /440.05

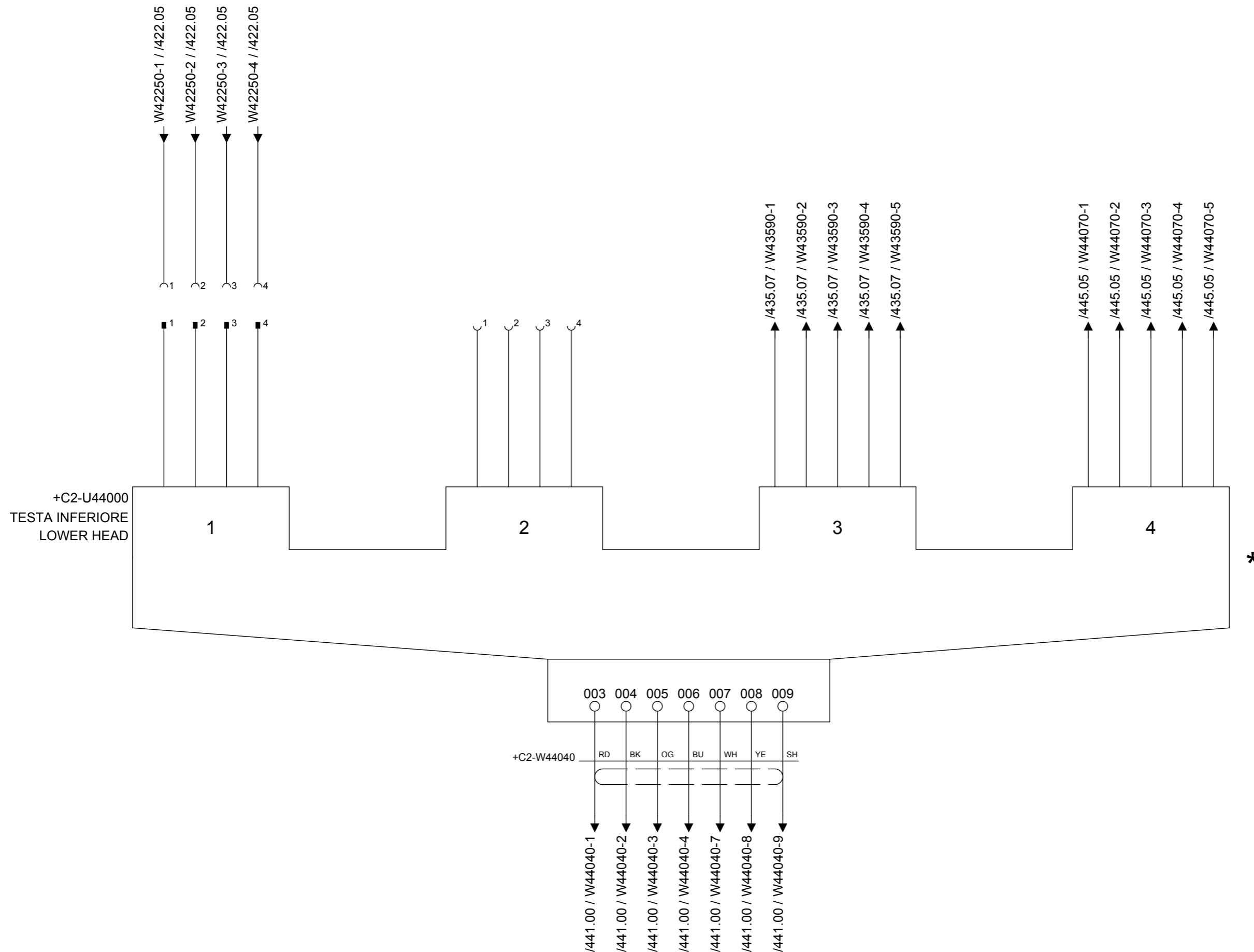
REVISION NR.	DATE	NAME	NORM
MODIF.	07/12/2007		
PROC.	GGraziosi		
CHECK			



CE201 TESTA INFERIORE  
CE201 LOWER HEAD

CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	431	SUBS.	440
SKIPPER_100	SERIAL NUMBER 22127	DIAGRAM	22127 - 01	PAGE	435

0 1 2 3 4 5 6 7 8 9



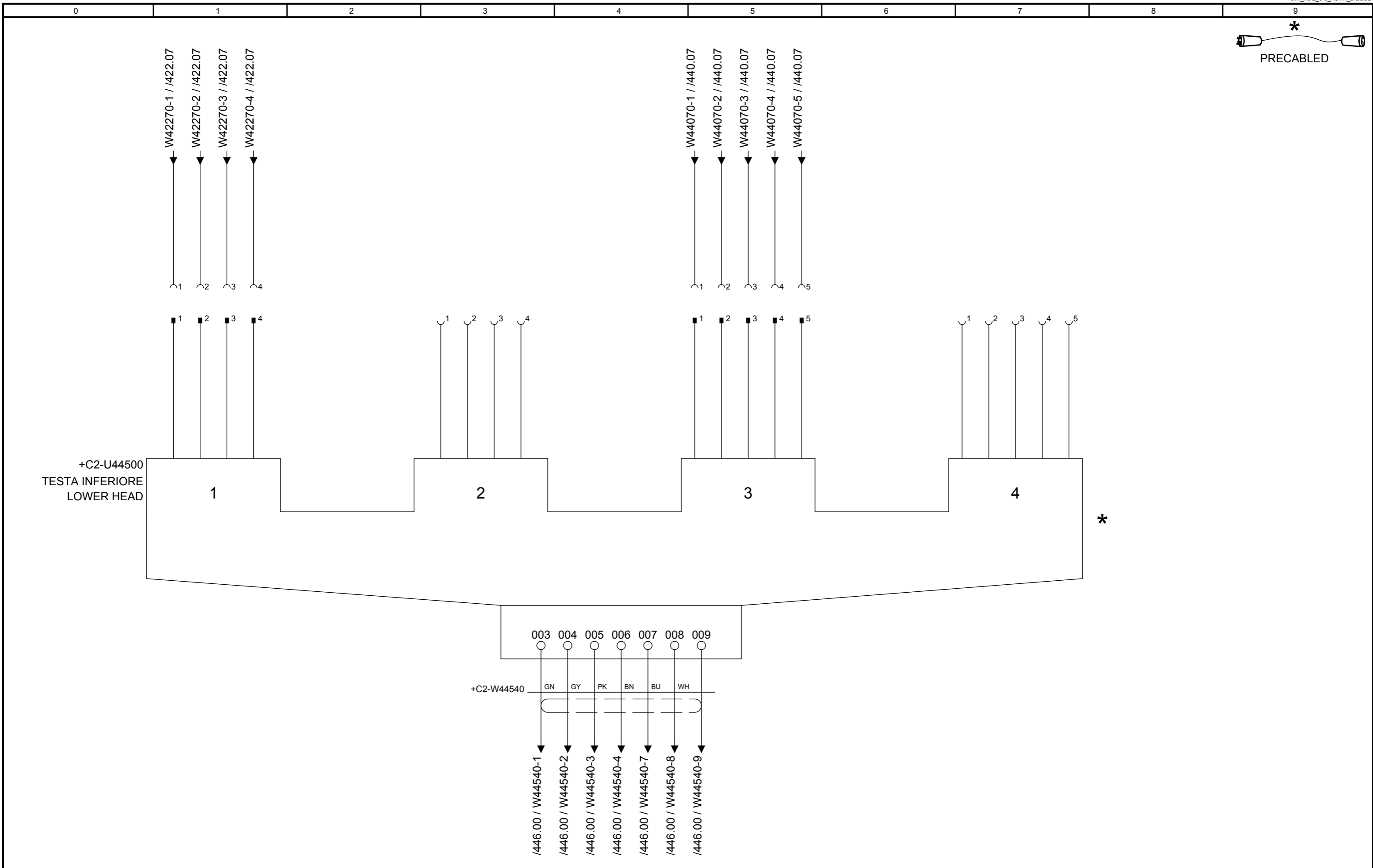
REVISION NR.	DATE	NAME	NORM



PM57 TESTA INFERIORE  
PM57 LOWER HEAD

CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	SUBS.
		435	441
SKIPPER 100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	440





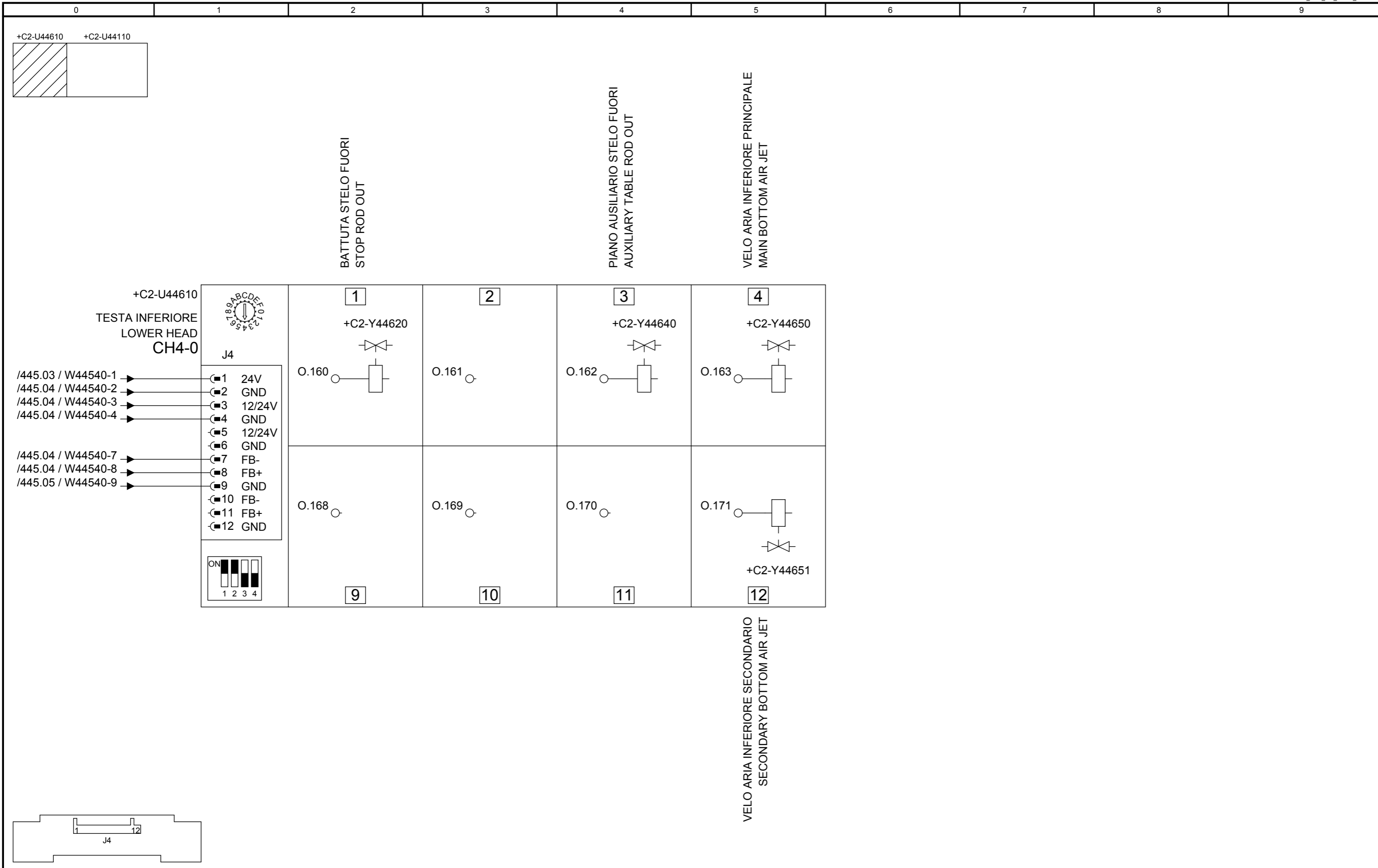
REVISION NR.	DATE	NAME	NORM



PM57 TESTA INFERIORE  
PM57 LOWER HEAD

CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	SUBS.
SKIPPER_100	SERIAL NUMBER 22127	441	446
	DIAGRAM 22127 - 01	PAGE	445





REVISION NR.	DATE	NAME	NORM


MODIF.	07/12/2007
PROC.	GGraziosi
CHECK	

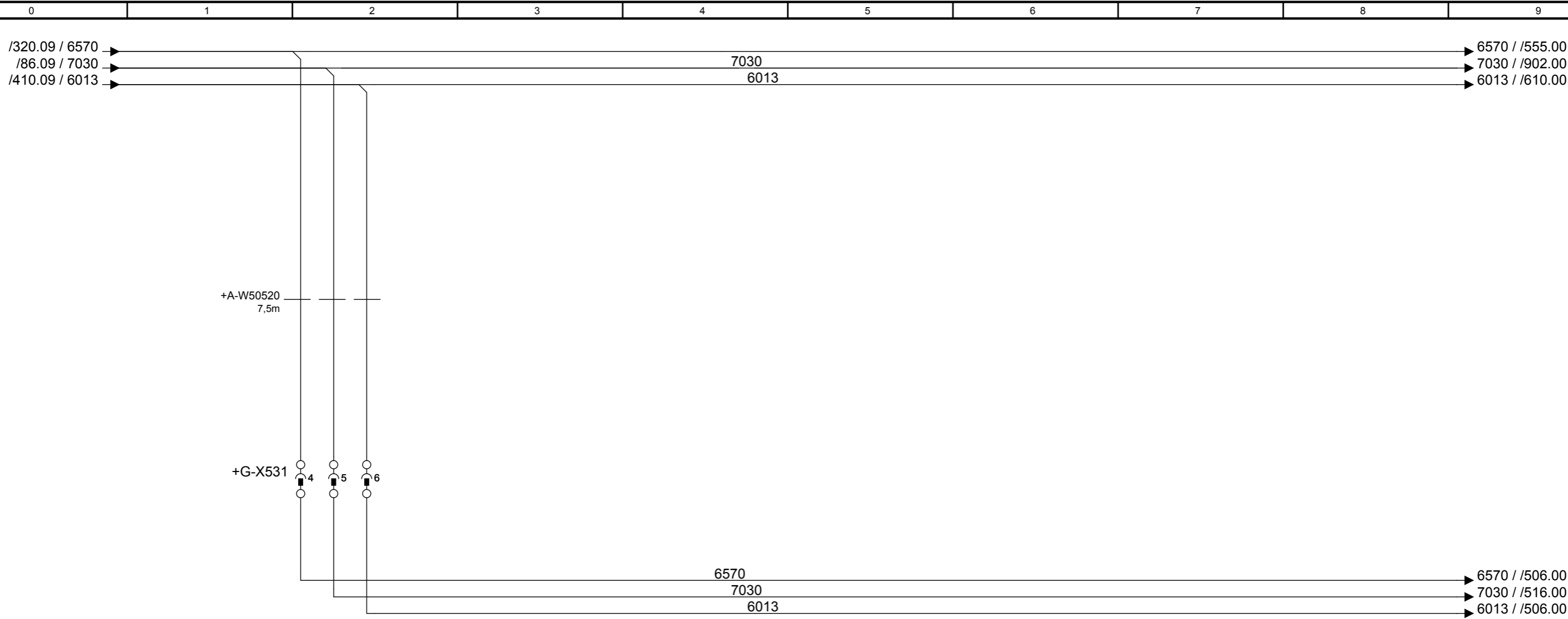


PM57 TESTA INFERIORE  
PM57 LOWER HEAD

CUSTOMER		PREV.	SUBS.
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		445	500
SKIPPER_100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	446

# SCARICO DISCHARGE

			MODIF.	07/12/2007	 <b>BIESSE</b>	CUSTOMER			PREV.	SUBS.
			PROC.	GGraziosi		TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO			446	505
			CHECK			<b>SKIPPER 100</b>	SERIAL NUMBER	DIAGRAM	PAGE	
REVISION NR.	DATE	NAME	NORM			22127	22127 - 01			500

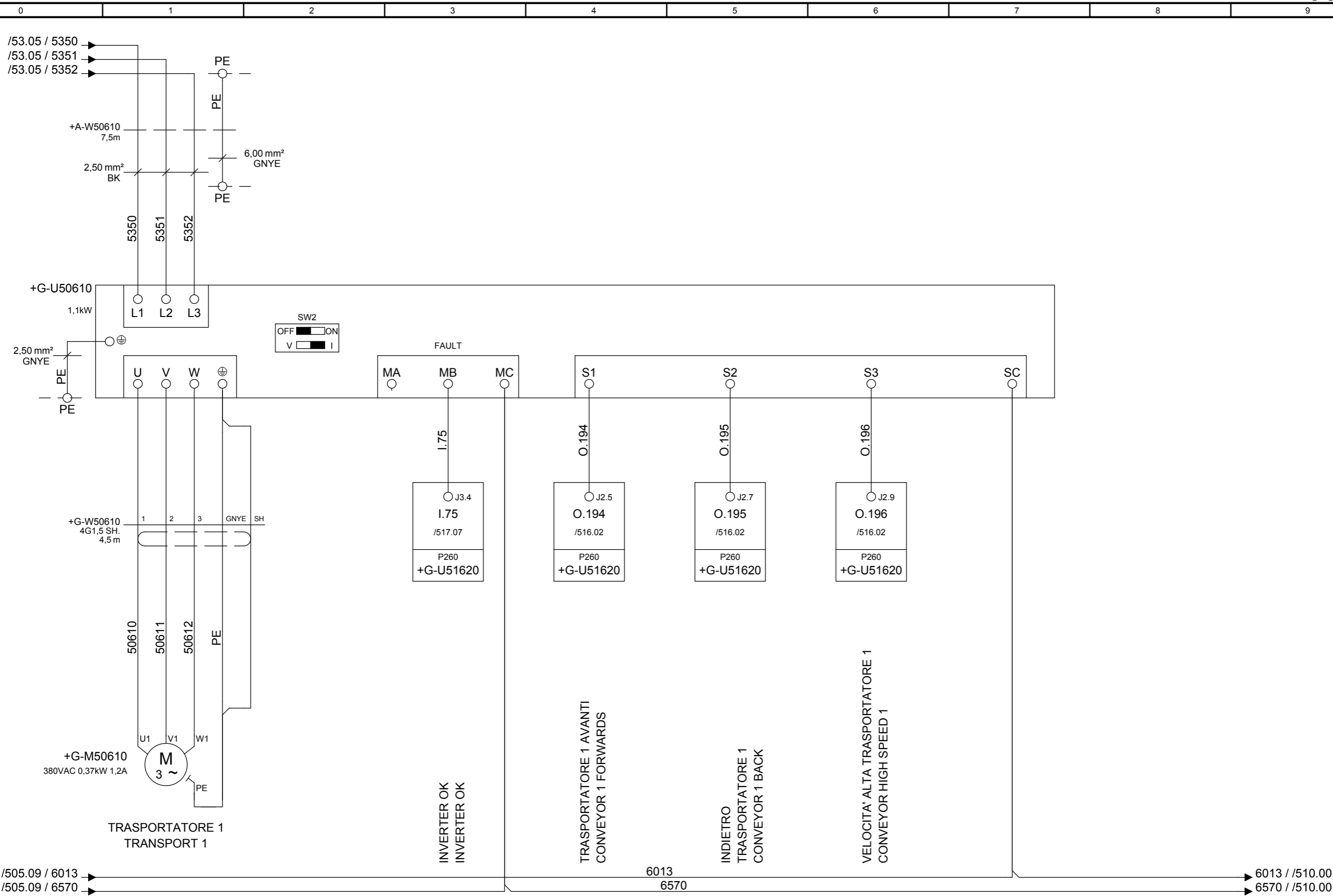


REVISION NR.	DATE	NAME	NORM



ALIMENTAZIONE SCARICO  
UNLOADING POWER SUPPLY

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 500	SUBS. 506
SKIPPER_100	SERIAL NUMBER 22127	DIAGRAM 22127 - 01	PAGE 505

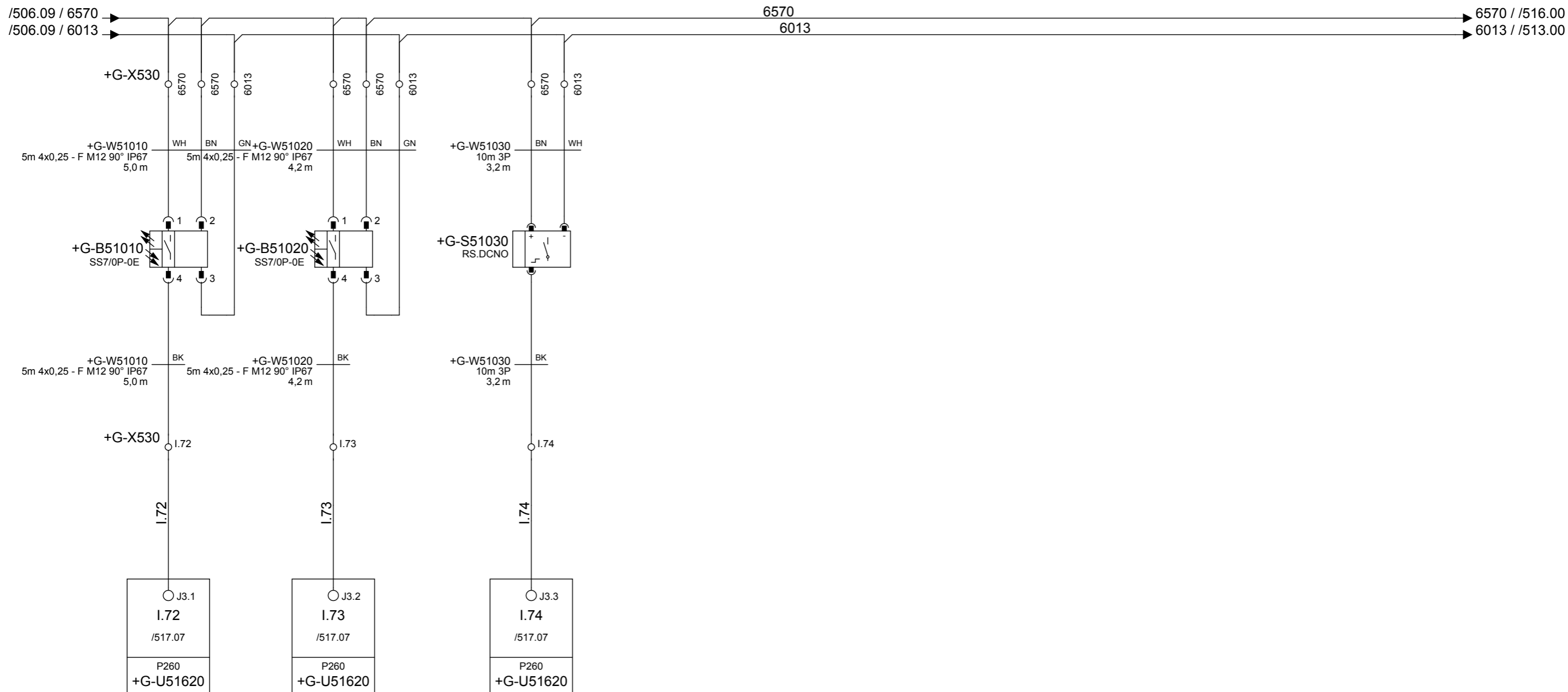


MODIF.	07/12/2007
PROC.	GGraziosi
CHECK	
REVISION NR.	DATE
	NAME
	NORM



TRASPORTATORE 1  
TRANSPORT 1

CUSTOMER		PREV.	SUBS.
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		505	510
SKIPPER_100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	506



PRESENZA PANNELLO  
PANEL PRESENT

BANCO LIBERO  
CONVEYOR FREE

CINGHIE ALTE  
BELTS UP

REVISION NR.	DATE	NAME	NORM
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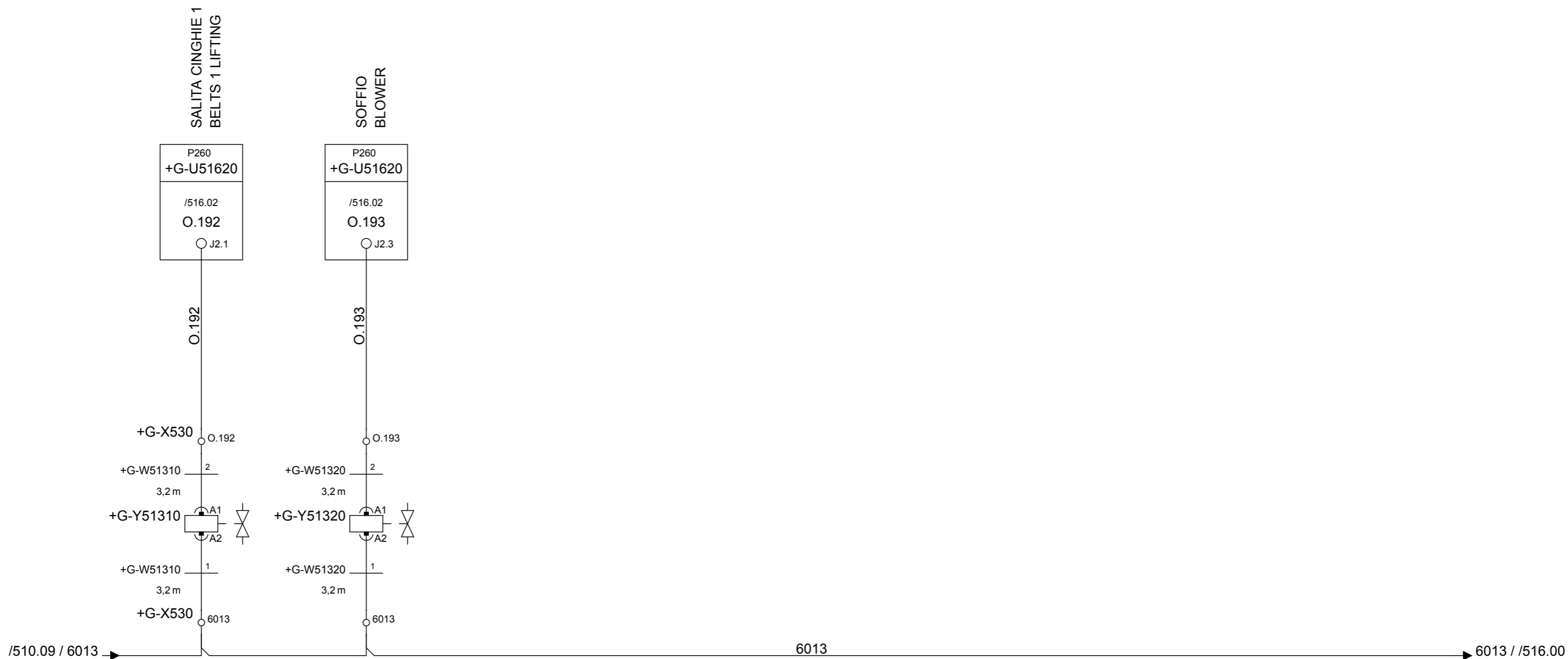
MODIF.	07/12/2007
PROC.	GGraziosi
CHECK	



AUSILIARI SCARICO  
UNLOADING AUXILIARIES

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 506	SUBS. 513
SKIPPER_100		SERIAL NUMBER 22127	DIAGRAM 22127 - 01
		PAGE	510

0 1 2 3 4 5 6 7 8 9



REVISION NR.	DATE	NAME	NORM

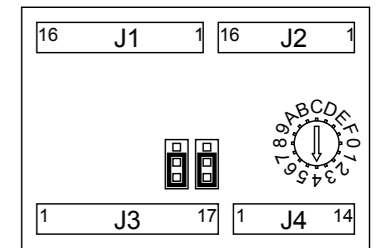
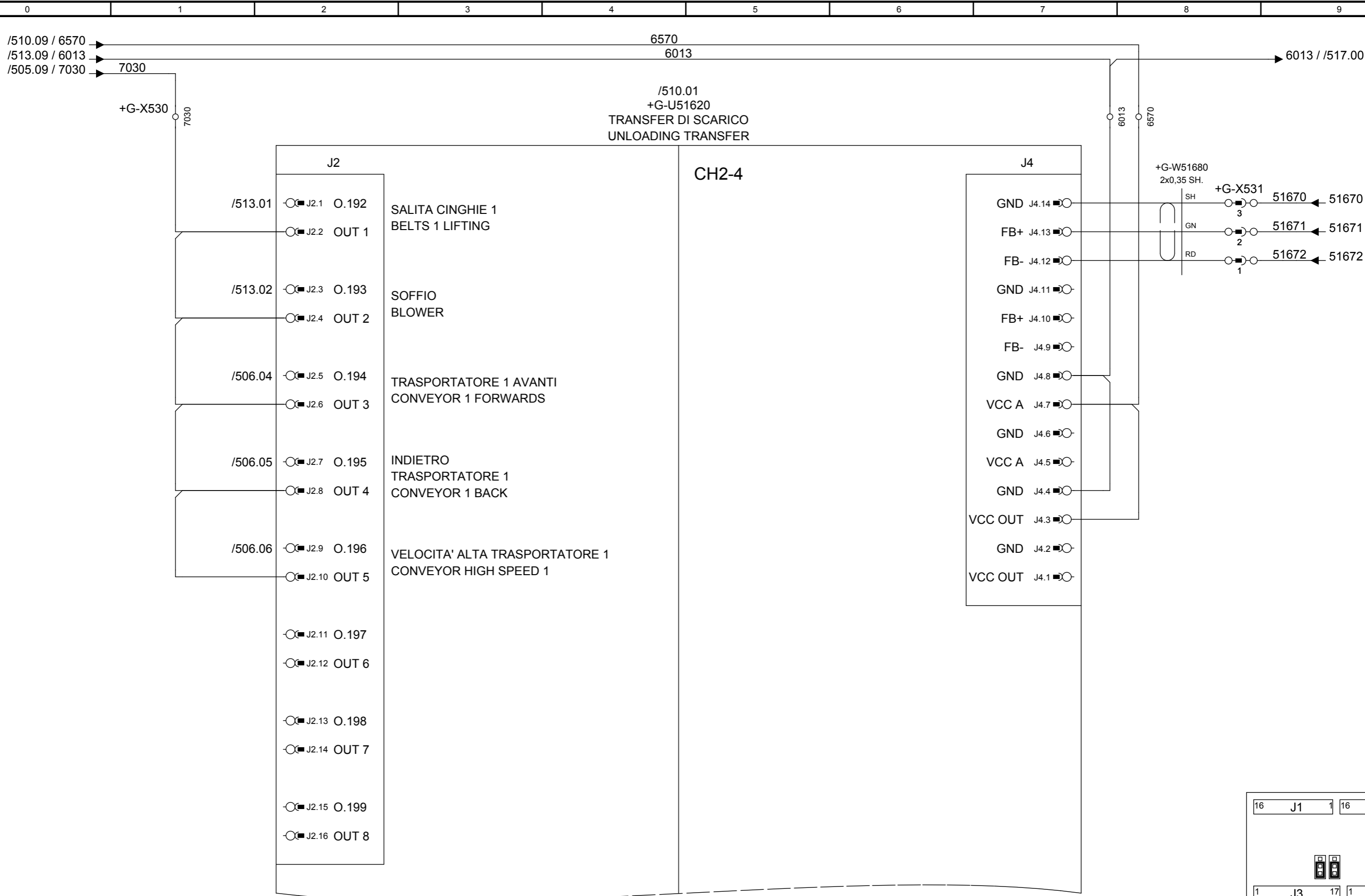
MODIF.	07/12/2007
PROC.	GGraziosi
CHECK	
NORM	



**BIESSE**

AUSILIARI SCARICO  
UNLOADING AUXILIARIES

CUSTOMER		PREV.	SUBS.
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		510	516
SKIPPER_100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	513



REVISION NR.	DATE	NAME	NORM



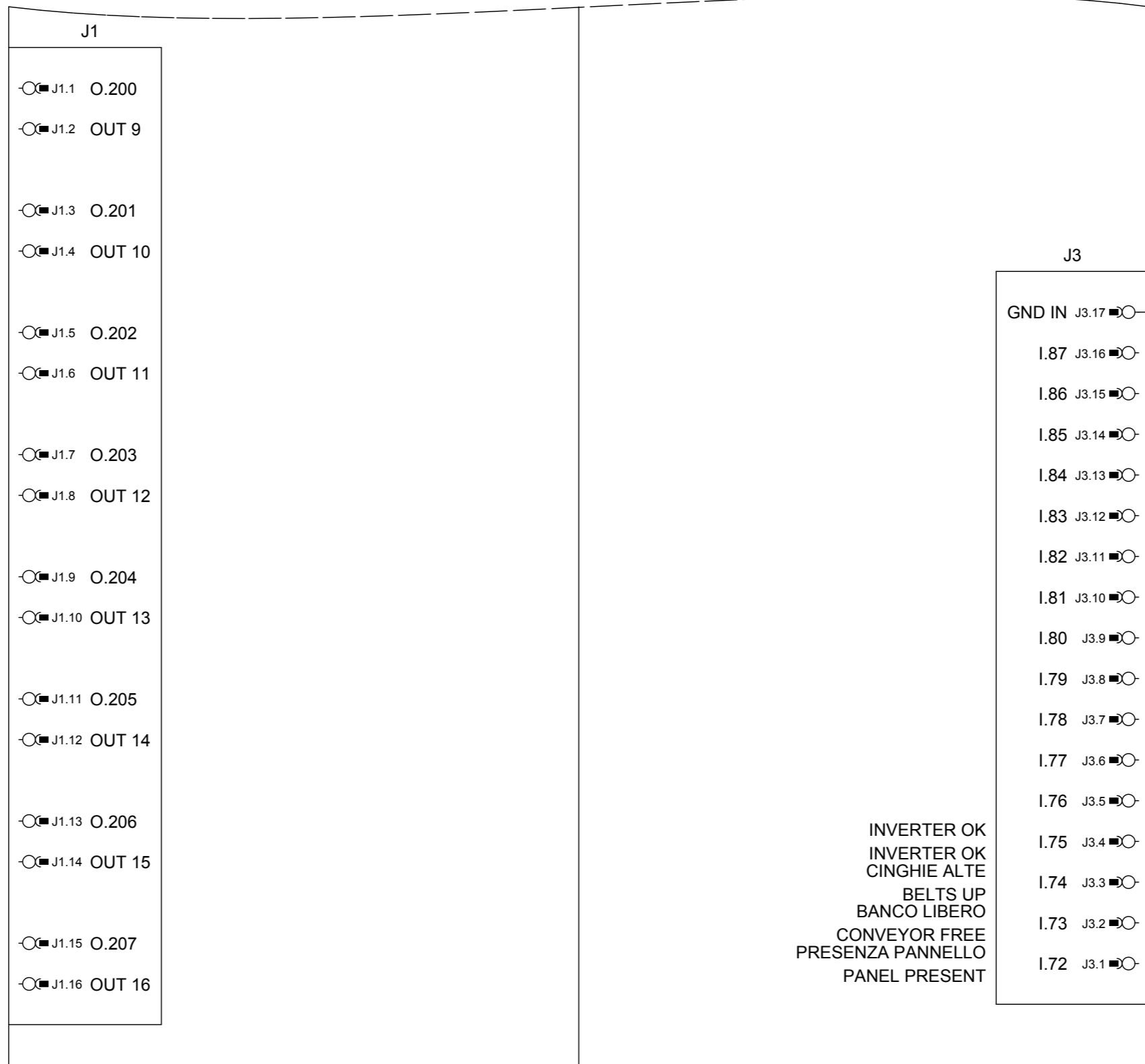
P260 SCARICO PROVVISORIO  
P260 TEMPORARY UNLOADING

CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	SUBS.
		513	517
SKIPPER 100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	516

/516.09 / 6013

6013

/510.02  
+G-U51620  
TRANSFER DI SCARICO  
UNLOADING TRANSFER



REVISION NR.	DATE	NAME	NORM



P260 SCARICO  
P260 UNLOADING

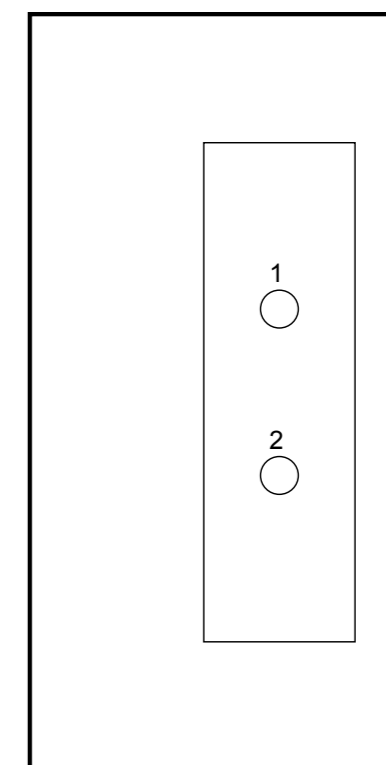
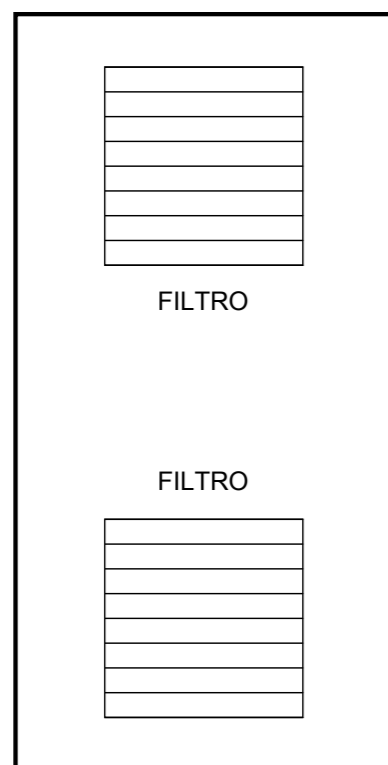
CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	SUBS.
SKIPPER 100	SERIAL NUMBER 22127	516	520
	DIAGRAM 22127 - 01	PAGE	517



0 1 2 3 4 5 6 7 8 9

# +G-BOX52000

500x700x250 (HxLxP) RAL 7035  
ST5-725  
ETA



1	W50610
2	W50520

REVISION NR.	DATE	NAME	NORM

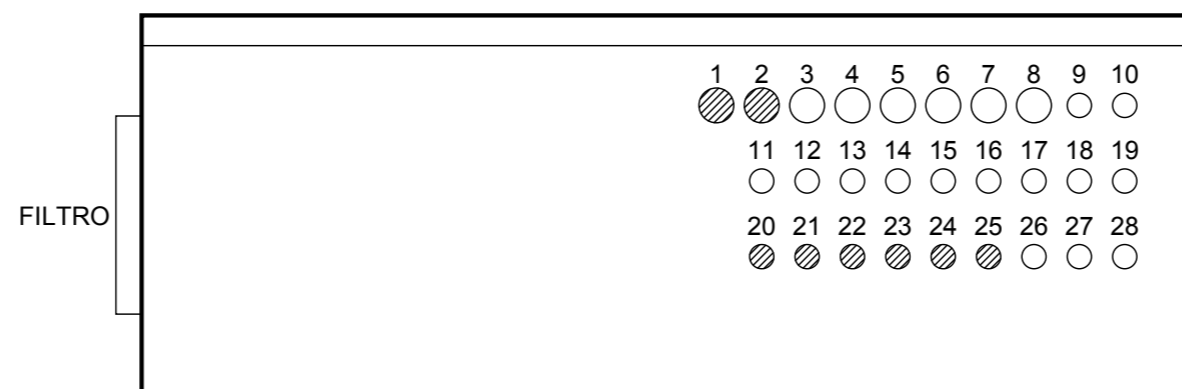


PLANIMETRIA BOX TRANSFER DI SCARICO  
UNLOADING TRANSFER BOX LAYOUT

CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	SUBS.
		517	521
SKIPPER_100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	520

# VISTA INFERIORE BOTTOM VIEW

3	W50610	PG13,5
18	W51020	PG9
19	W51010	PG9
26	W51310	PG9
27	W51320	PG9
28	W51030	PG9



REVISION NR.	DATE	NAME	NORM

MODIF.	07/12/2007
PROC.	GGraziosi
CHECK	

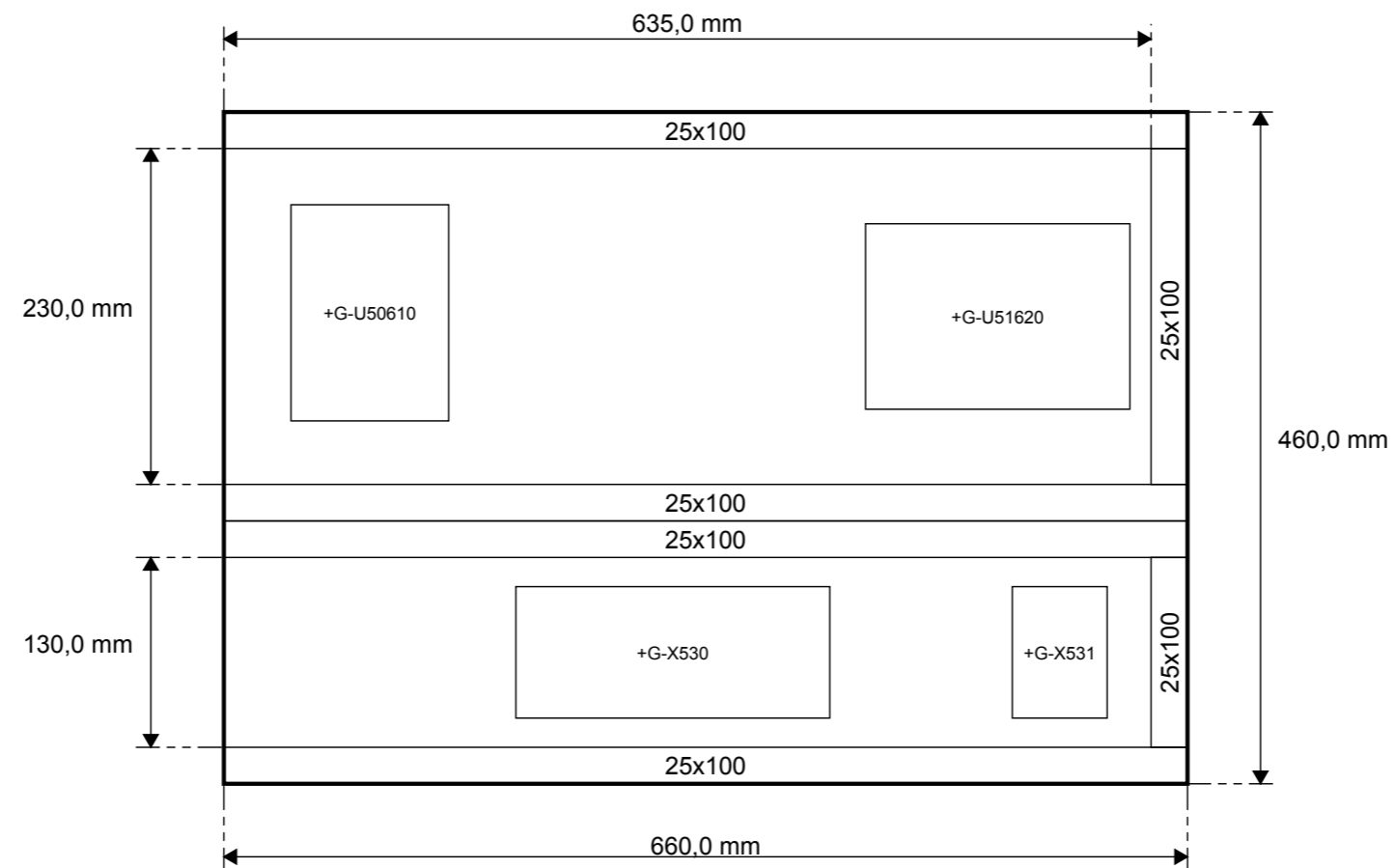


# BIESSE

PLANIMETRIA BOX TRANSFER DI SCARICO  
UNLOADING TRANSFER BOX LAYOUT

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 520	SUBS. 522
SKIPPER_100	SERIAL NUMBER 22127	DIAGRAM 22127 - 01	PAGE 521

# PIASTRA INTERNA INTERNAL PLATE



REVISION NR.	DATE	NAME	NORM




PLANIMETRIA BOX TRANSFER DI SCARICO  
UNLOADING TRANSFER BOX LAYOUT

CUSTOMER		PREV.	SUBS.
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		521	550
SKIPPER_100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	522

0 1 2 3 4 5 6 7 8 9

# PULSANTIERA

# PUSHBUTTON PANEL

			MODIF.	07/12/2007	 <b>BIESSE</b>	CUSTOMER			PREV.	SUBS.
			PROC.	GGraziosi		TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO			522	551
			CHECK			<b>SKIPPER_100</b>	SERIAL NUMBER	DIAGRAM	PAGE	
REVISION NR.	DATE	NAME	NORM			22127	22127 - 01			<b>550</b>

PULSANTIERA  
PUSHBUTTON PANEL

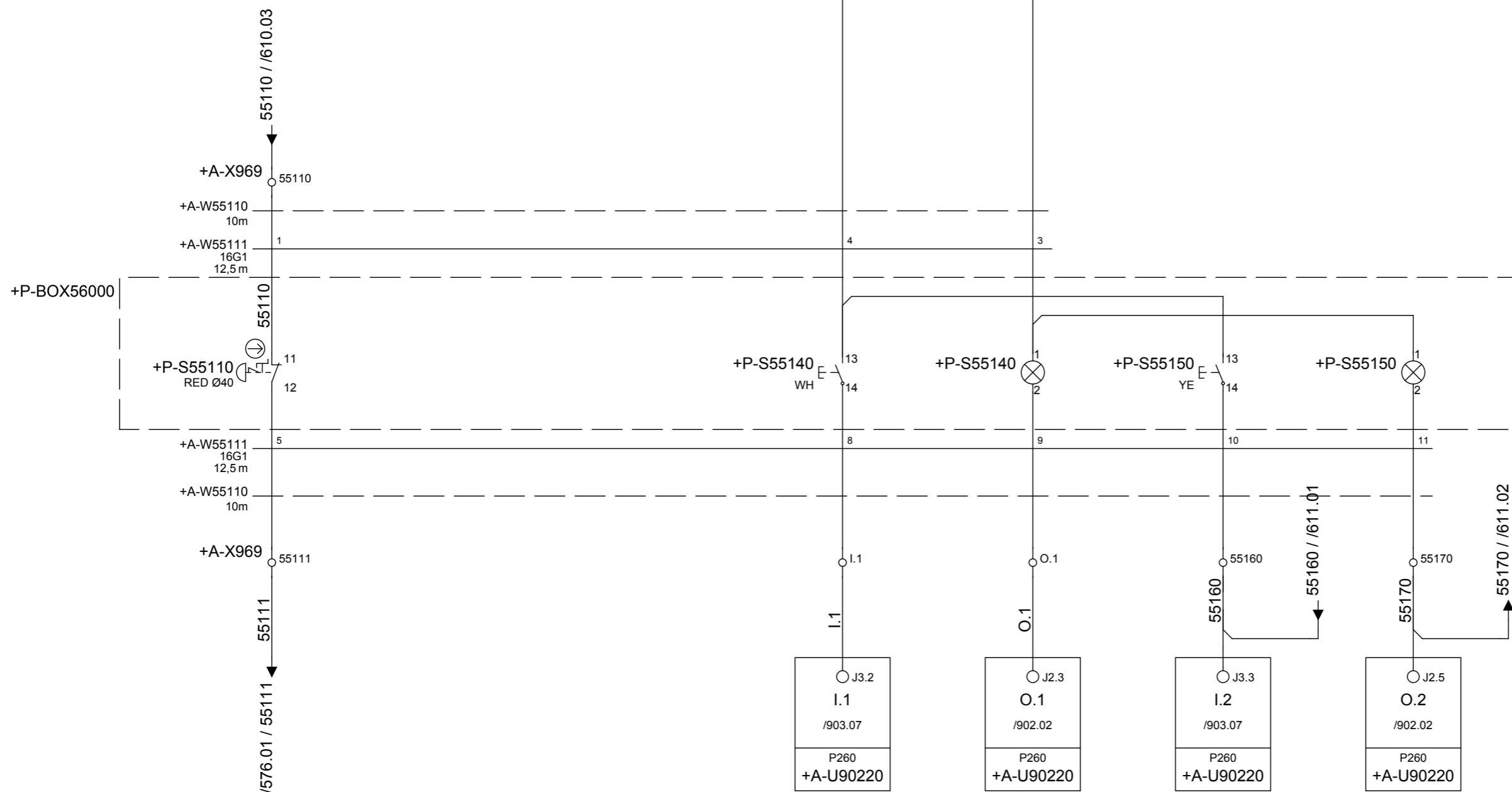
**SKIPPER\_100**

SERIAL NUMBER  
22127

DIAGRAM  
22127 - 01

PAGE  
**550**

/428.09 / 6570 → 6570 / /651.00  
/428.09 / 6013 → 6013



EMERGENZA  
EMERGENCY

START INIZIO CICLO  
CYCLE START

START INIZIO CICLO  
CYCLE START

HOLD  
HOLD

HOLD  
HOLD

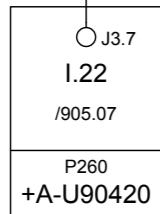
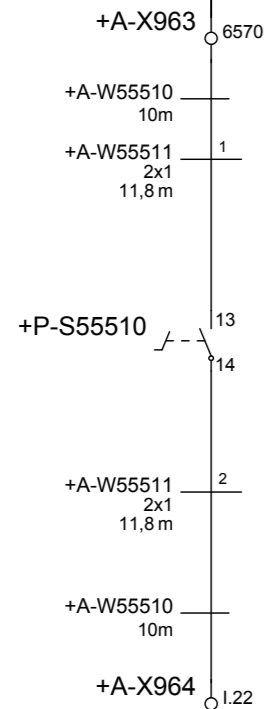
REVISION NR.	DATE	NAME	NORM



PULSANTIERA  
PUSHBUTTON PANEL

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 550	SUBS. 555
SKIPPER 100		SERIAL NUMBER 22127	DIAGRAM 22127 - 01
		PAGE	551

/505.09 / 6570 → 6570 → 6570 / /611.00



APERTURA CHIUSURA PINZE  
COLLETS OPEN CLOSED

REVISION NR.	DATE	NAME	NORM

MODIF.	07/12/2007
PROC.	GGraziosi
CHECK	

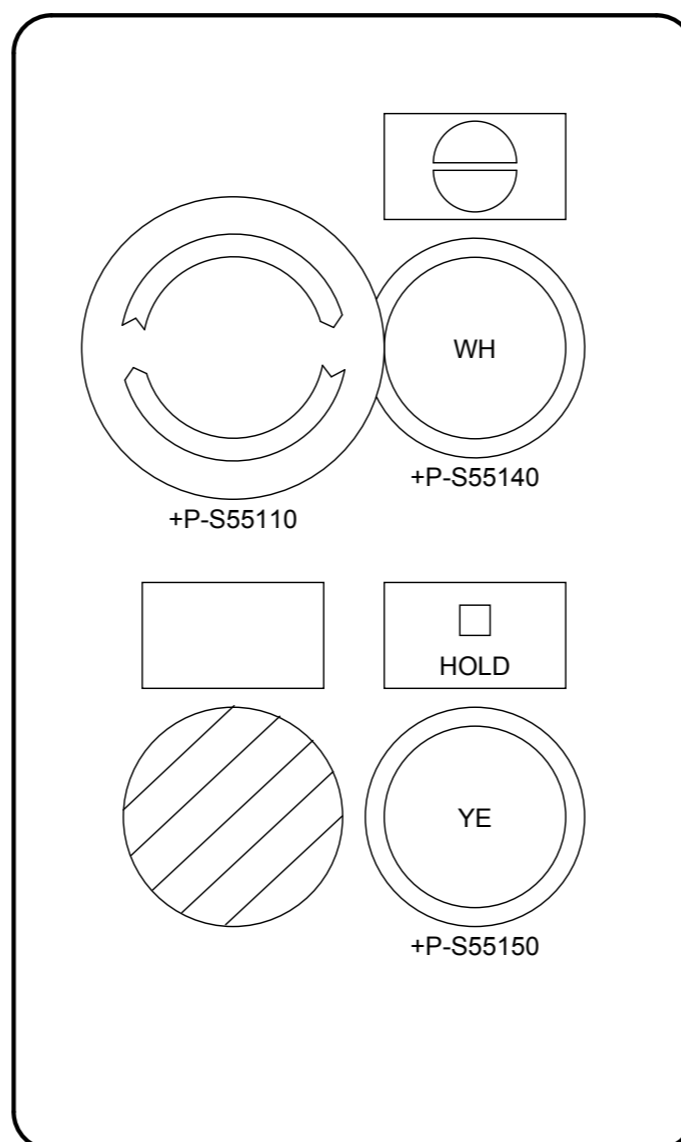


PEDALE  
PEDAL

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 551	SUBS. 560
SKIPPER_100	SERIAL NUMBER 22127	DIAGRAM 22127 - 01	PAGE 555

# +P-BOX56000

150x90x80 (HxLxP)  
 A2B 0915.04  
 ILME




REVISION NR.	DATE	NAME	NORM



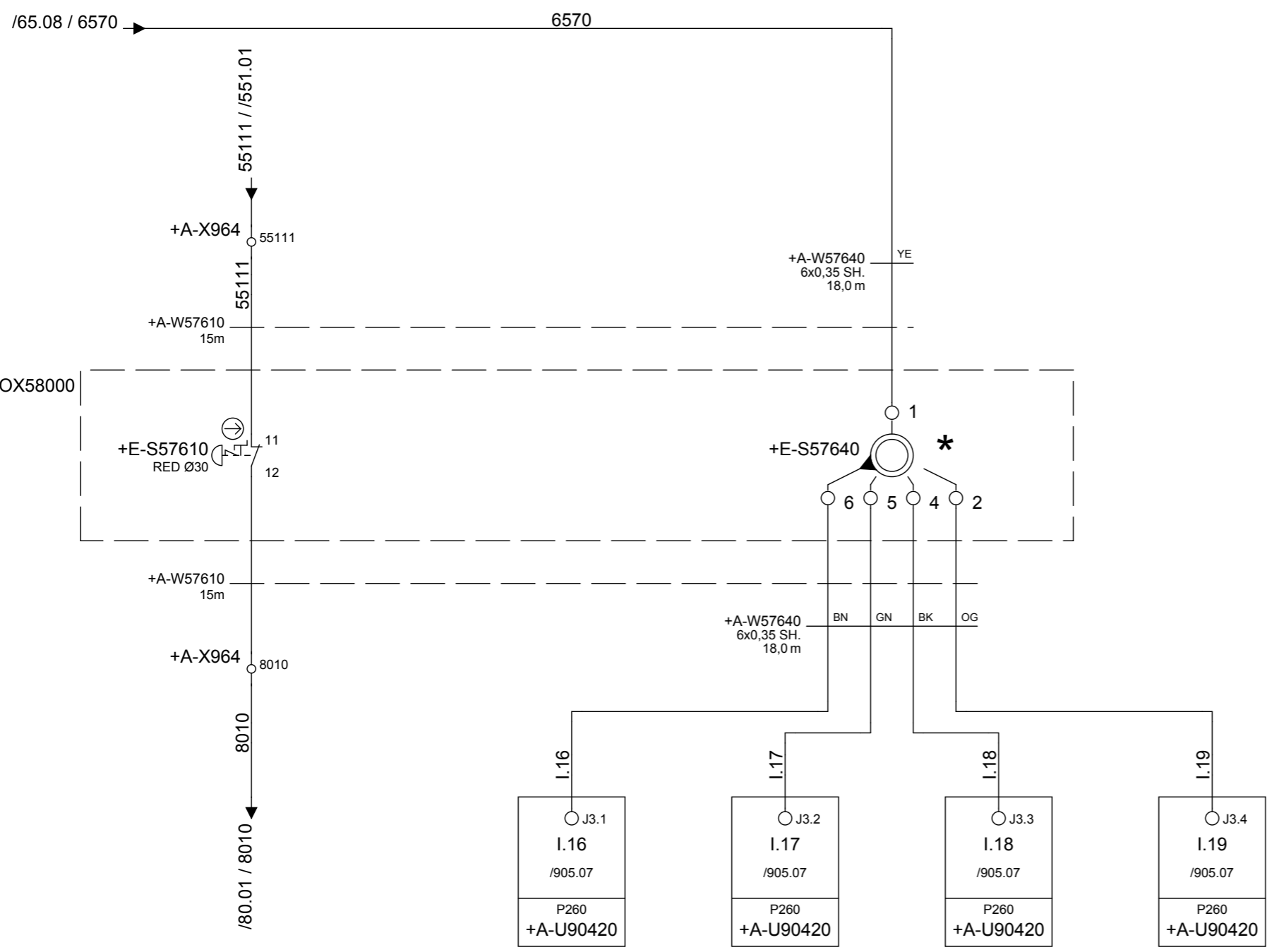
PULSANTIERA  
 PUSHBUTTON PANEL

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 555	SUBS. 575
SKIPPER 100	SERIAL NUMBER 22127	DIAGRAM 22127 - 01	PAGE 560

# OVERRIDE OVERRIDE

			MODIF.	07/12/2007	 <b>BIESSE</b>	OVERRIDE OVERRIDE	CUSTOMER		PREV.	SUBS.
			PROC.	GGraziosi			TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		560	576
			CHECK				<b>SKIPPER_100</b>	SERIAL NUMBER	DIAGRAM	PAGE
REVISION NR.	DATE	NAME	NORM			22127	22127 - 01		575	





EMERGENZA  
EMERGENCY

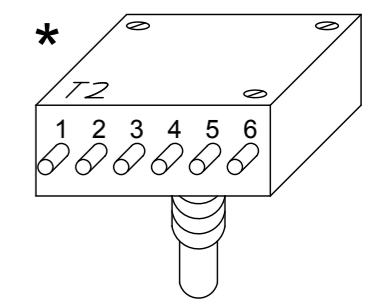
OVERRIDE REMOTO (BIT 0)  
REMOTE OVERRIDE (BIT 0)

OVERRIDE REMOTO (BIT 1)  
REMOTE OVERRIDE (BIT 1)

OVERRIDE  
OVERRIDE

OVERRIDE REMOTO (BIT 2)  
REMOTE OVERRIDE (BIT 2)

OVERRIDE REMOTO (BIT 3)  
REMOTE OVERRIDE (BIT 3)



REVISION NR.	DATE	NAME	NORM



OVERRIDE REMOTO  
REMOTE OVERRIDE

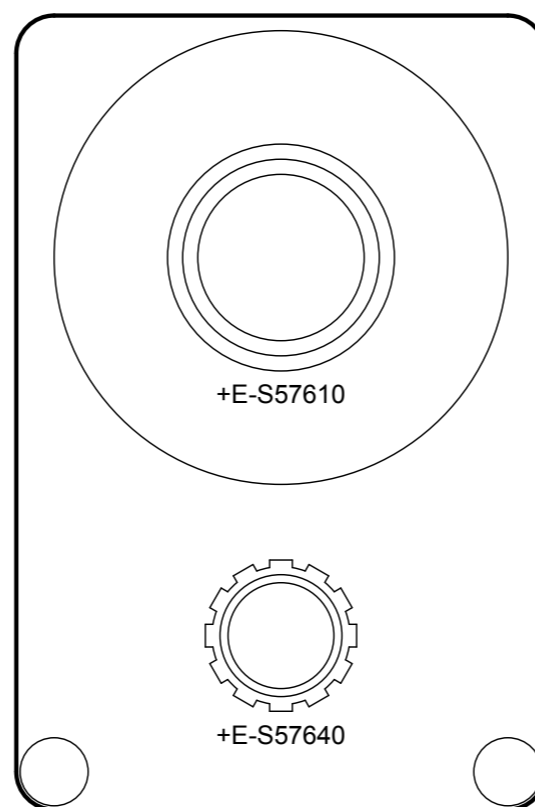
CUSTOMER		PREV.	SUBS.
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		575	580
SKIPPER_100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	576

# +E-BOX58000

105x70x55 (HxLxP)

03080

SAREL



BOX SAREL 03080  
105x70x55

REVISION NR.	DATE	NAME	NORM




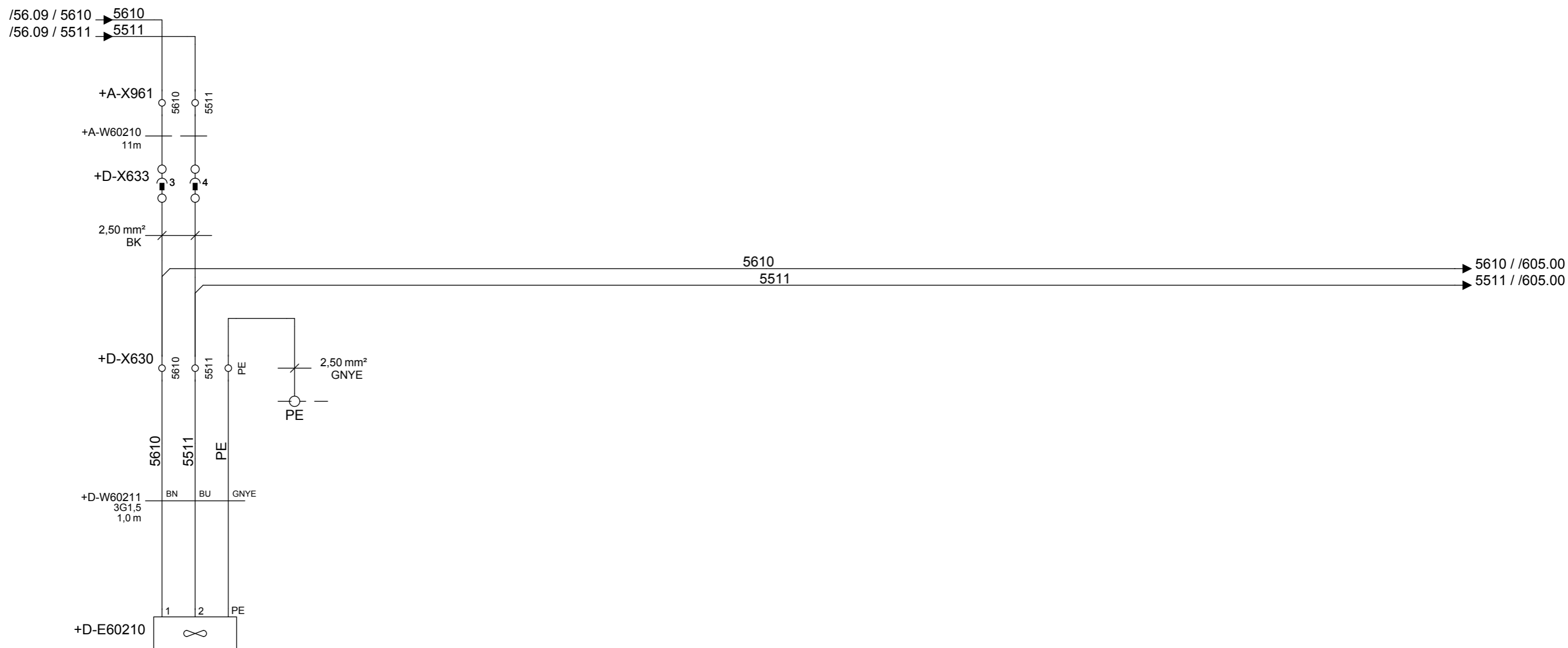
PULSANTIERA OVERRIDE REMOTO  
REMOTE OVERRIDE PUSH-BUTTON PANEL

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 576	SUBS. 600
SKIPPER 100	SERIAL NUMBER 22127	DIAGRAM 22127 - 01	PAGE 580

0 1 2 3 4 5 6 7 8 9

# PULPITO CONSOLE

			MODIF.	07/12/2007	 <b>BIESSE</b>	PULPITO CONSOLE	CUSTOMER		PREV.	SUBS.
			PROC.	GGraziosi			TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		580	602
			CHECK				<b>SKIPPER_100</b>	SERIAL NUMBER	DIAGRAM	PAGE
REVISION NR.	DATE	NAME	NORM				22127	22127 - 01		600



INTERNO PULPITO  
CONSOLE FAN

REVISION NR.	DATE	NAME	NORM

MODIF.	07/12/2007
PROC.	GGraziosi
CHECK	



**BIESSE**

RAFFREDDAMENTO PULPITO  
CONSOLE COOLING

CUSTOMER		PREV.	SUBS.
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		600	605
SKIPPER_100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	602

/602.09 / 5610  
/602.09 / 5511

5610  
5511

+D-X630

2,50 mm<sup>2</sup>  
GNYE

2,50 mm<sup>2</sup>  
GNYE

+D-W60550 BN GNYE BU

+D-W60560 BN GNYE BU

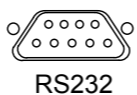
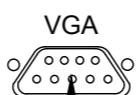
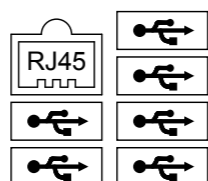
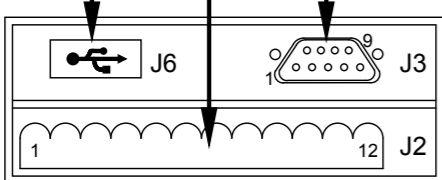
+D-U60570  
MONITOR  
MONITOR

MECHATROLINK RS422 INVERTER

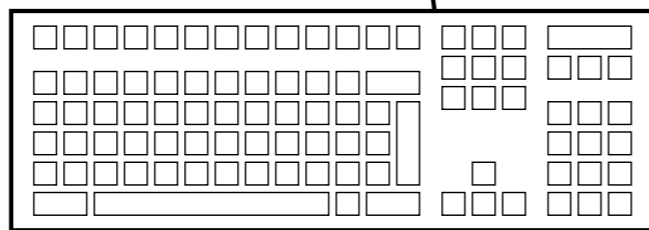
MAIN FIELDBUS

+D-U60500  
PC  
PC

+D-U60800  
PC600  
PC600

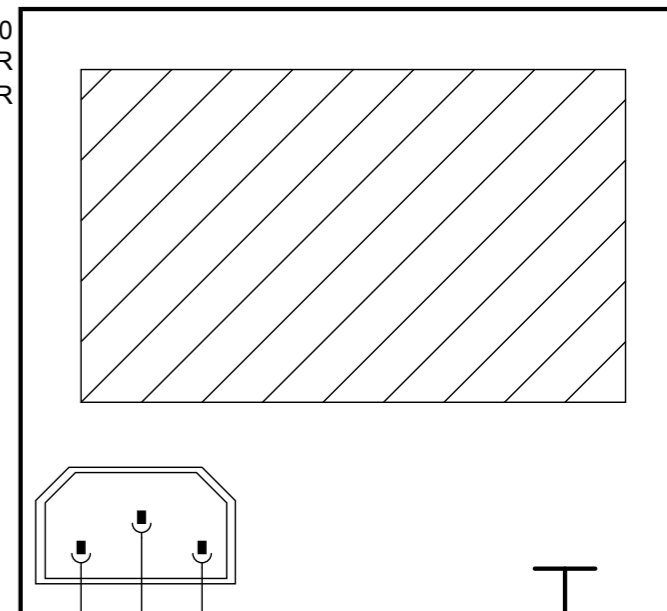


RS232

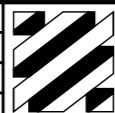


TASTIERA  
KEYBOARD

MOUSE



REVISION NR.	DATE	NAME	NORM

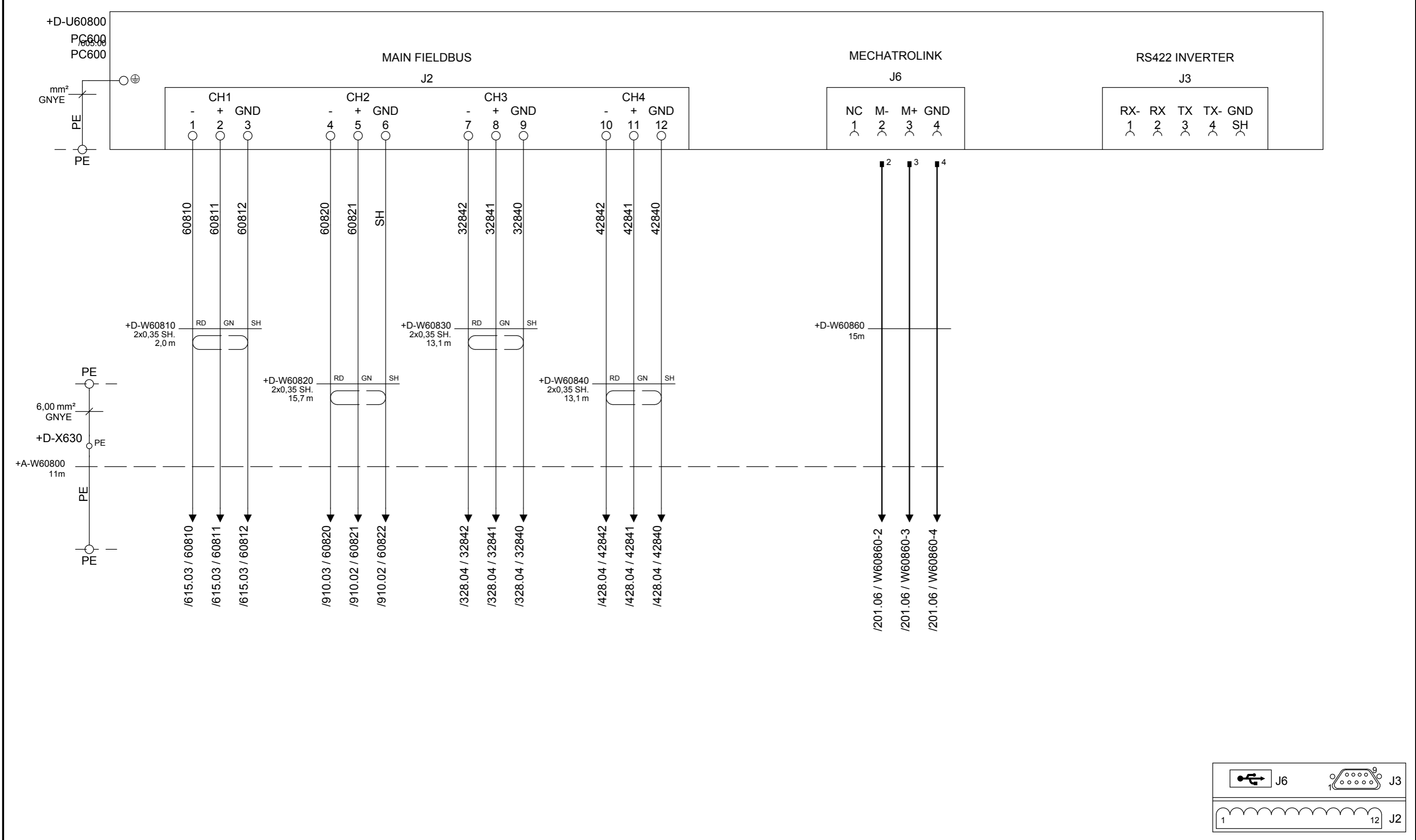


**BIESSE**

ALIMENTAZIONE MONITOR E PC  
SCREEN AND PC POWER SUPPLY

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV. 602	SUBS. 608
<b>SKIPPER_100</b>	SERIAL NUMBER 22127	DIAGRAM 22127 - 01
	PAGE	<b>605</b>

0 1 2 3 4 5 6 7 8 9

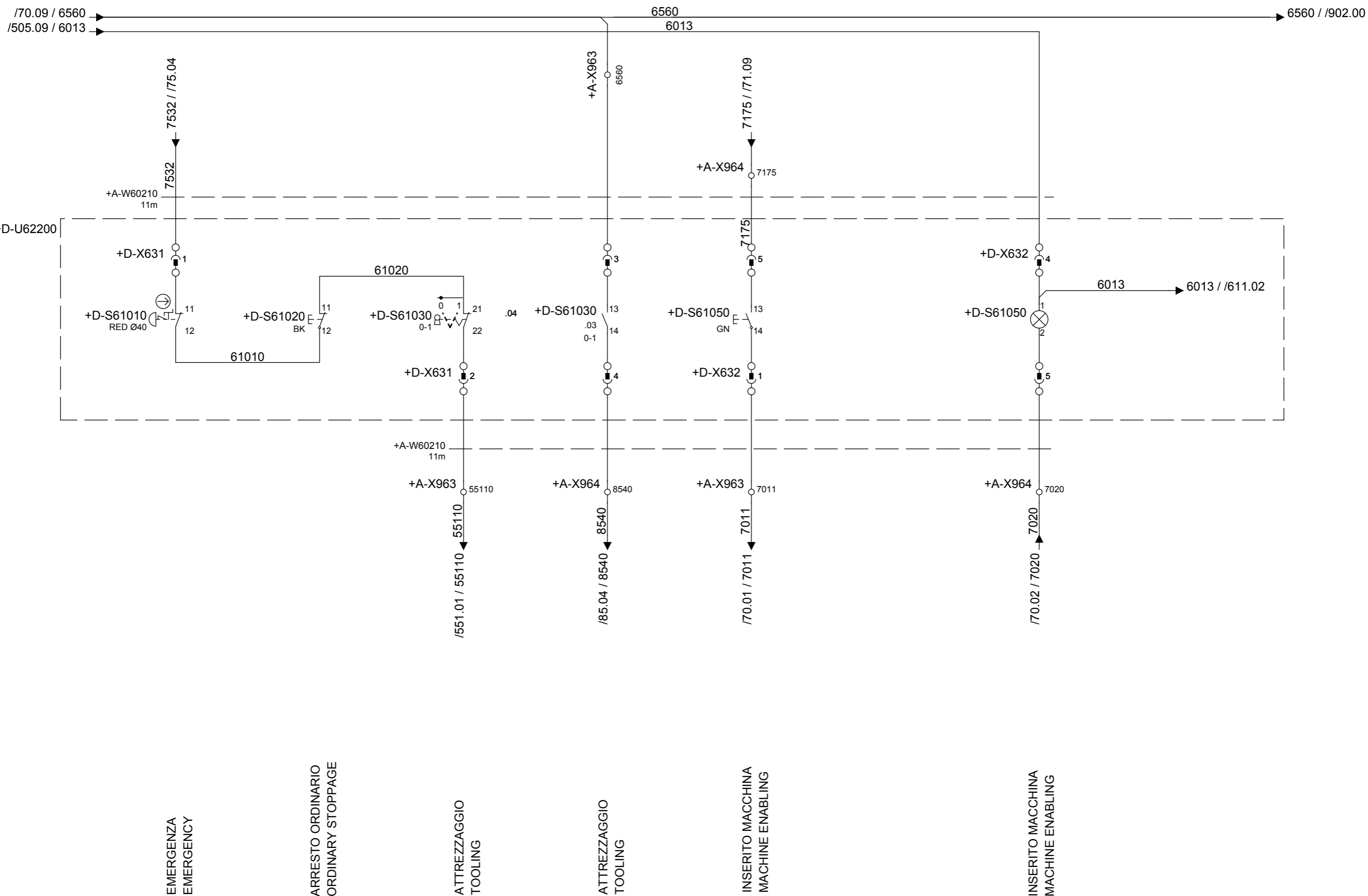


REVISION NR.	DATE	NAME	NORM



SCHEDA PC600 PER PC  
CARD PC600 FOR PC

CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	SUBS.
		605	610
SKIPPER_100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	608



EMERGENZA  
EMERGENCY

ARRESTO ORDINARIO  
ORDINARY STOPPAGE

ATTREZZAGGIO  
TOOLING

ATTREZZAGGIO  
TOOLING

INSERITO MACCHINA  
MACHINE ENABLING

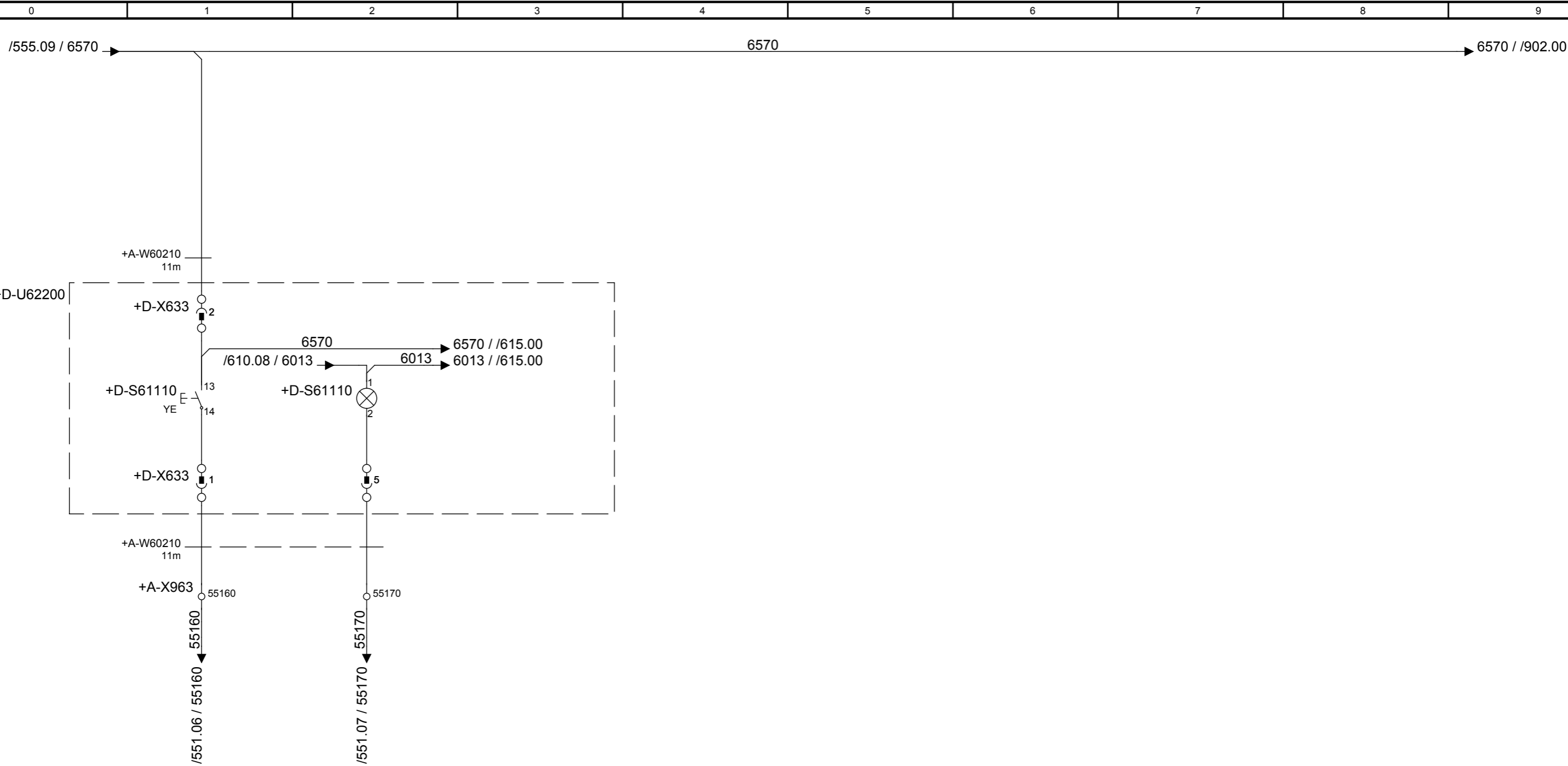
INSERITO MACCHINA  
MACHINE ENABLING

REVISION NR.	DATE	NAME	NORM



PULSANTIERA GENERALE  
MAIN PUSH-BUTTON PANEL

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 608	SUBS. 611
SKIPPER 100		SERIAL NUMBER 22127	DIAGRAM 22127 - 01
		PAGE	610



HOLD  
HOLD  
HOLD  
HOLD

REVISION NR.	DATE	NAME	NORM

MODIF.	07/12/2007
PROC.	GGraziosi
CHECK	



**BIESSE**

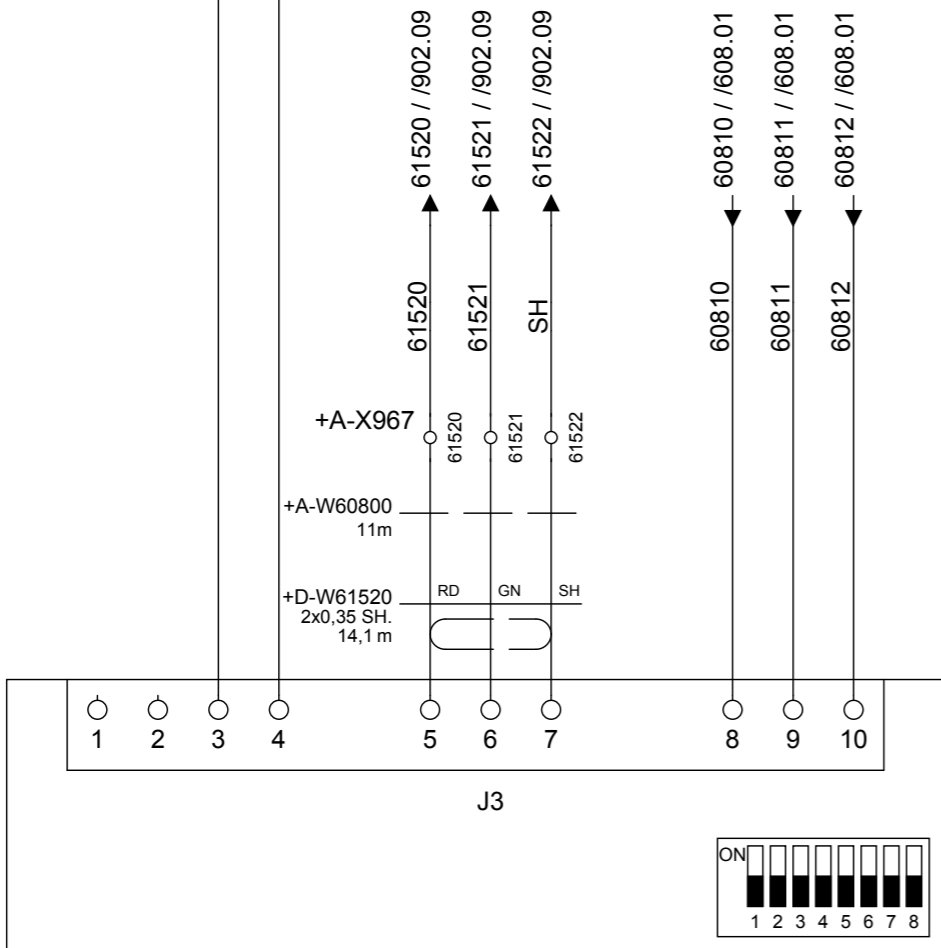
PULSANTIERA GENERALE  
MAIN PUSH-BUTTON PANEL

CUSTOMER		PREV.	SUBS.
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		610	615
SKIPPER_100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	611



/611.02 / 6570 → 6570  
 /611.02 / 6013 → 6013

+D-U61500  
 INTERFACCIA PULPITO  
 CONSOLE INTERFACE  
 CH1-0



REVISION NR.	DATE	NAME	NORM



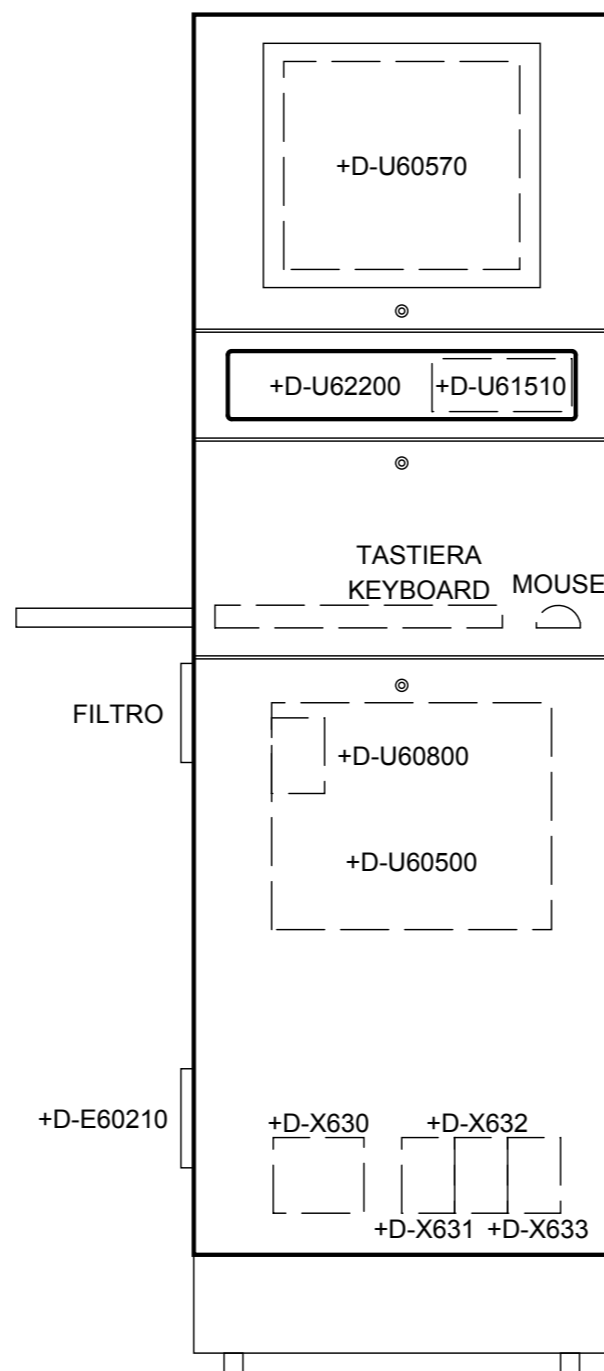
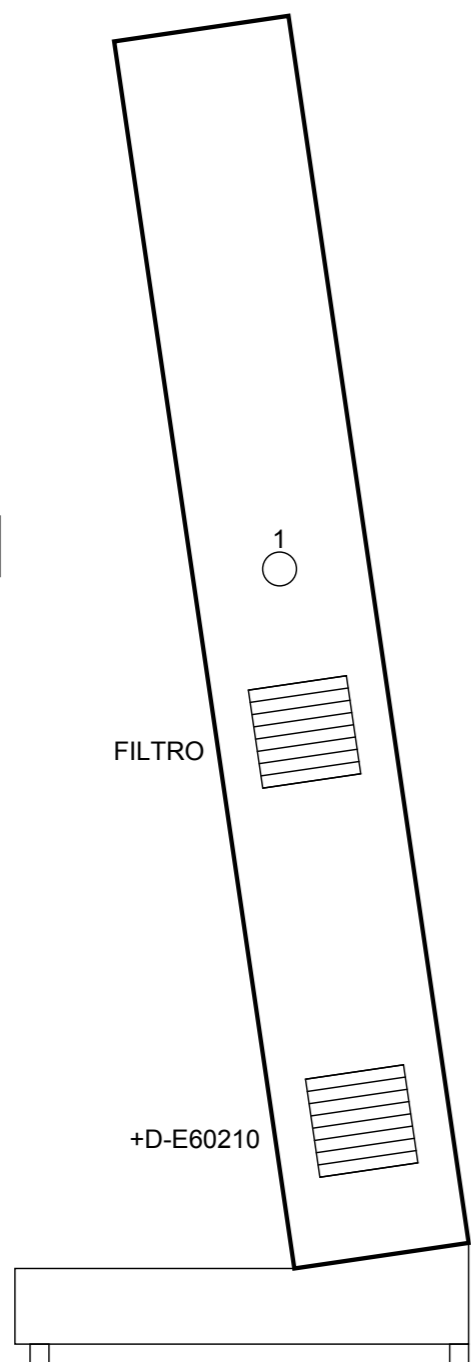
INTERFACCIA P801 PER TASTIERA  
 INTERFACE P801 FOR PUSH-BUTTON PANEL

CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	SUBS.
		611	620
SKIPPER_100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	615

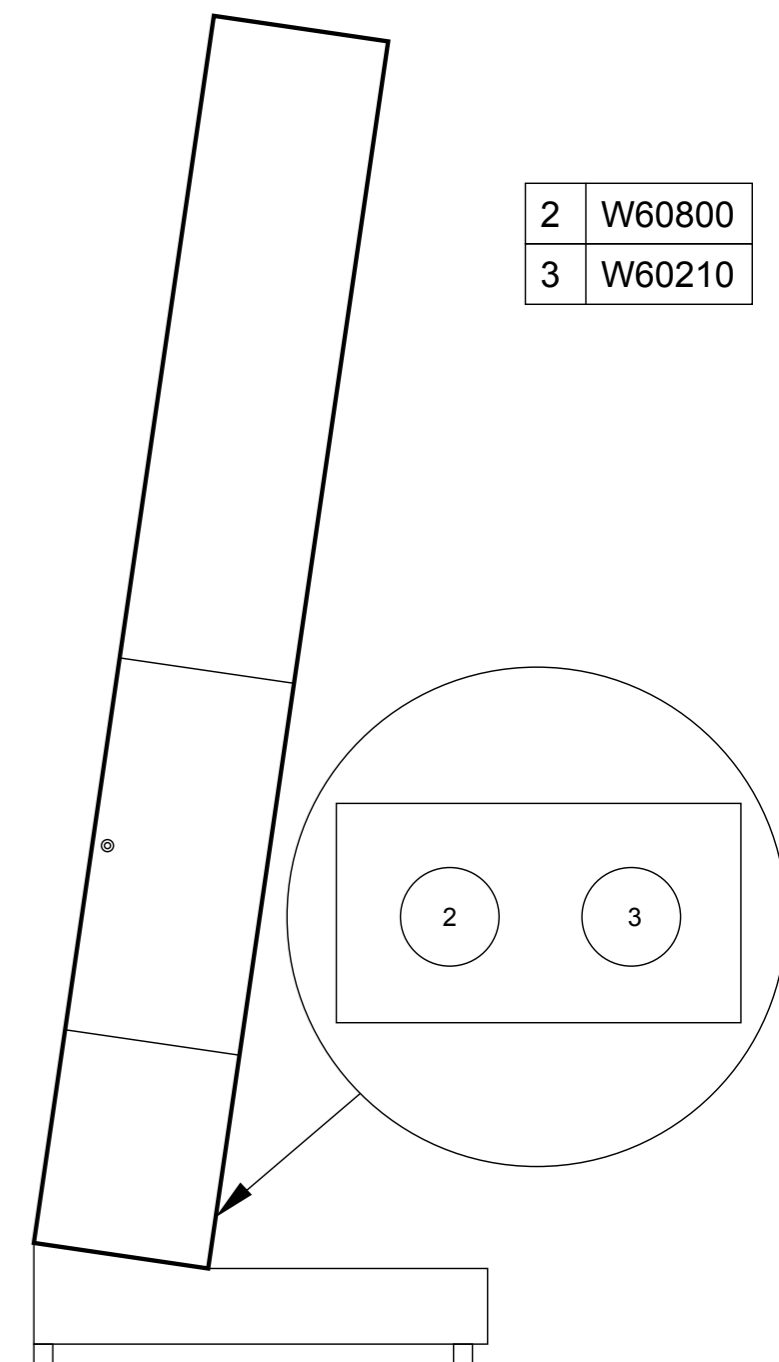
# +D-BOX62000

1763x550x600 (HxLxP) RAL 7035  
 13-16-K0200  
 ?????????

1 W61820



2	W60800
3	W60210



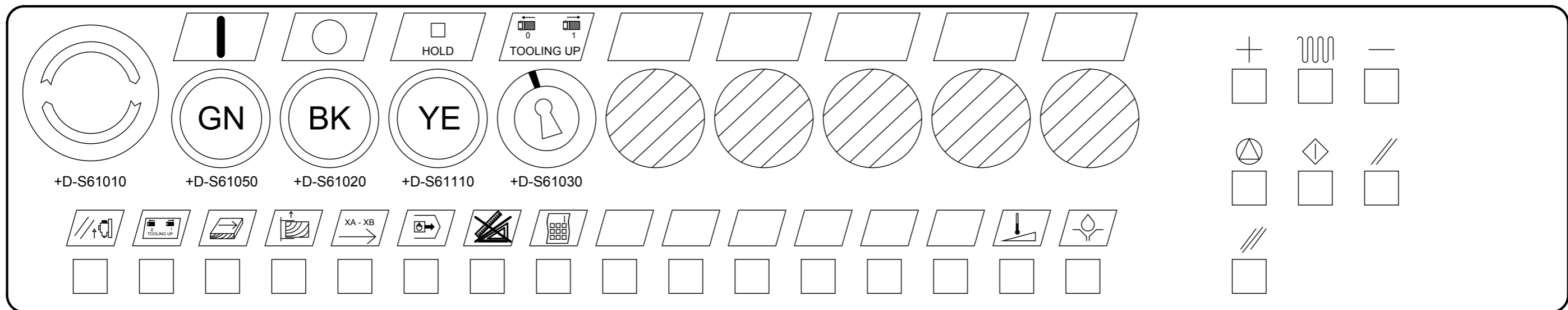
REVISION NR.	DATE	NAME	NORM



PLANIMETRIA PULPITO COMANDI  
 CONSOLE BOARD LAYOUT

CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	SUBS.
		615	622
SKIPPER_100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	620

# +D-U62200



REVISION NR.	DATE	NAME	NORM




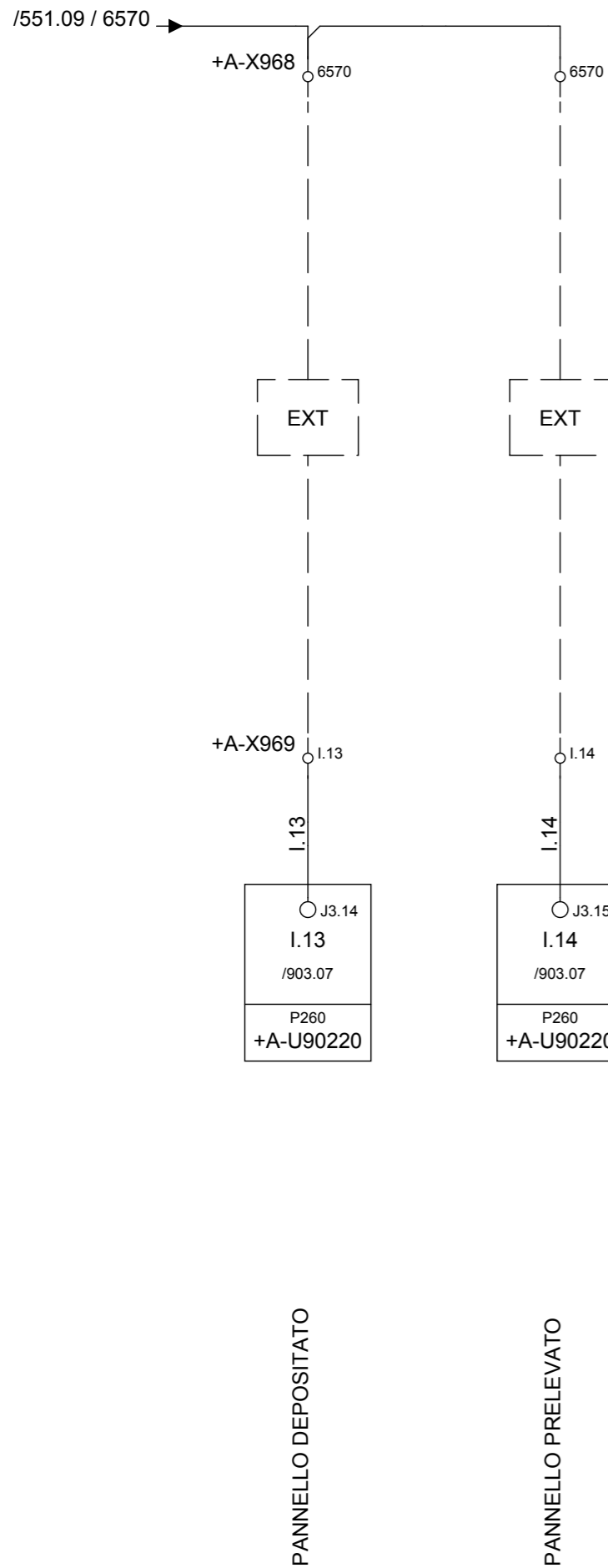
PLANIMETRIA PULSANTIERA PULPITO COMANDI  
 PUSH-BUTTON PANEL CONSOLE BOARD LAYOUT

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV. 620	SUBS. 650
<b>SKIPPER 100</b>	SERIAL NUMBER 22127	DIAGRAM 22127 - 01
		PAGE <b>622</b>

0 1 2 3 4 5 6 7 8 9

# CONSENSI MACCHINA MACHINE ENABLED

			MODIF.	07/12/2007		<b>BIESSE</b>	CONSENSI MACCHINA MACHINE ENABLED	CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV.	SUBS.
			PROC.	GGraziosi				SKIPPER_100	SERIAL NUMBER	DIAGRAM	622	651
REVISION NR.	DATE	NAME	CHECK	NORM				22127	22127 - 01	PAGE	650	



REVISION NR.	DATE	NAME	NORM

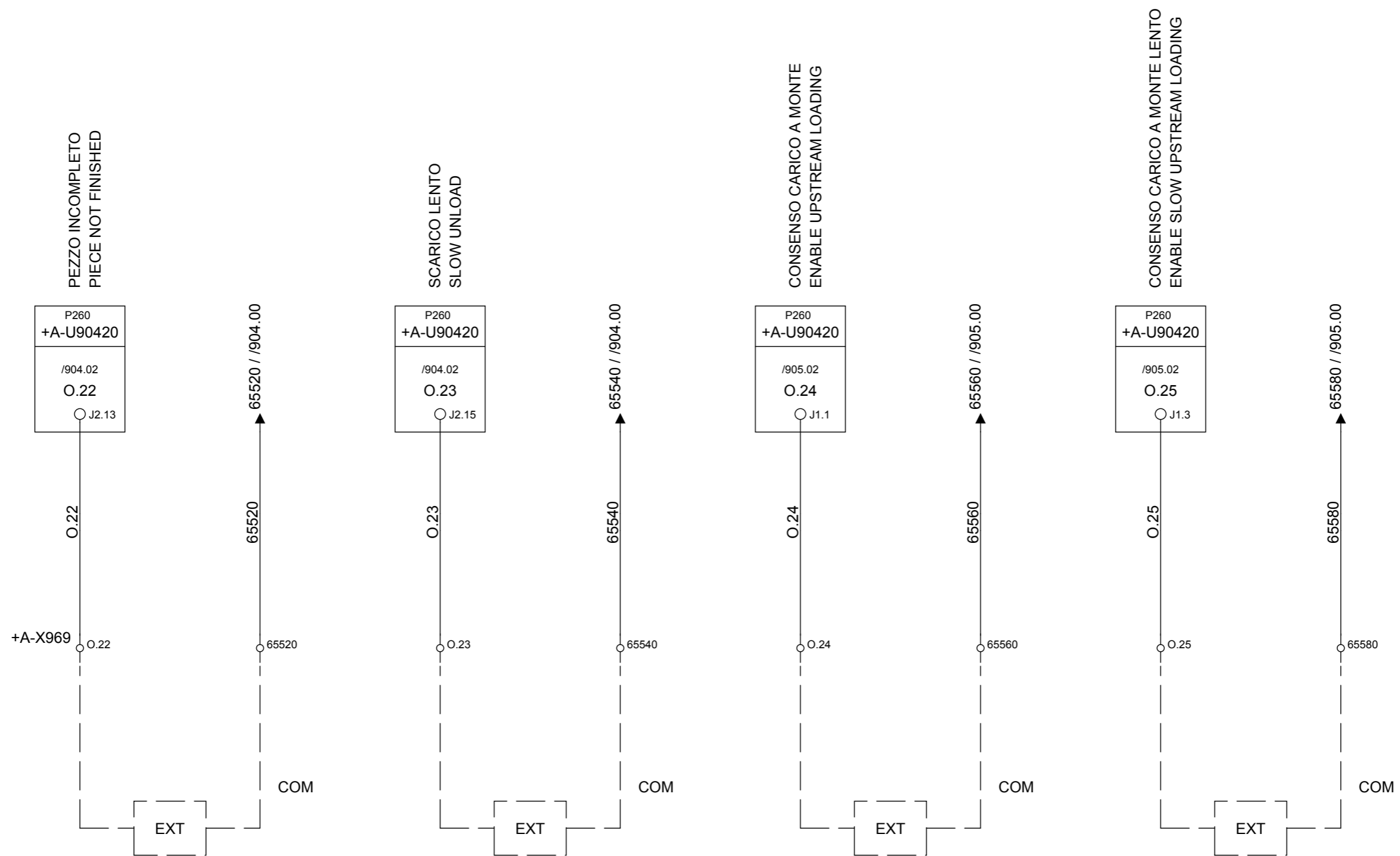
MODIF.	07/12/2007
PROC.	GGraziosi
CHECK	



**BIESSE**

**CONSENSI ESTERNI**  
EXTERNAL ENABLING BUTTONS

CUSTOMER		PREV.	SUBS.
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		650	655
SKIPPER_100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	651



REVISION NR.	DATE	NAME	NORM

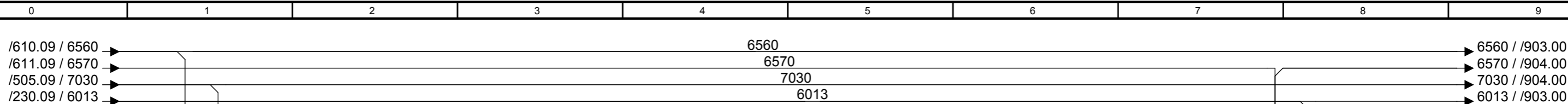


CONSENSI ESTERNI  
EXTERNAL ENABLING BUTTONS

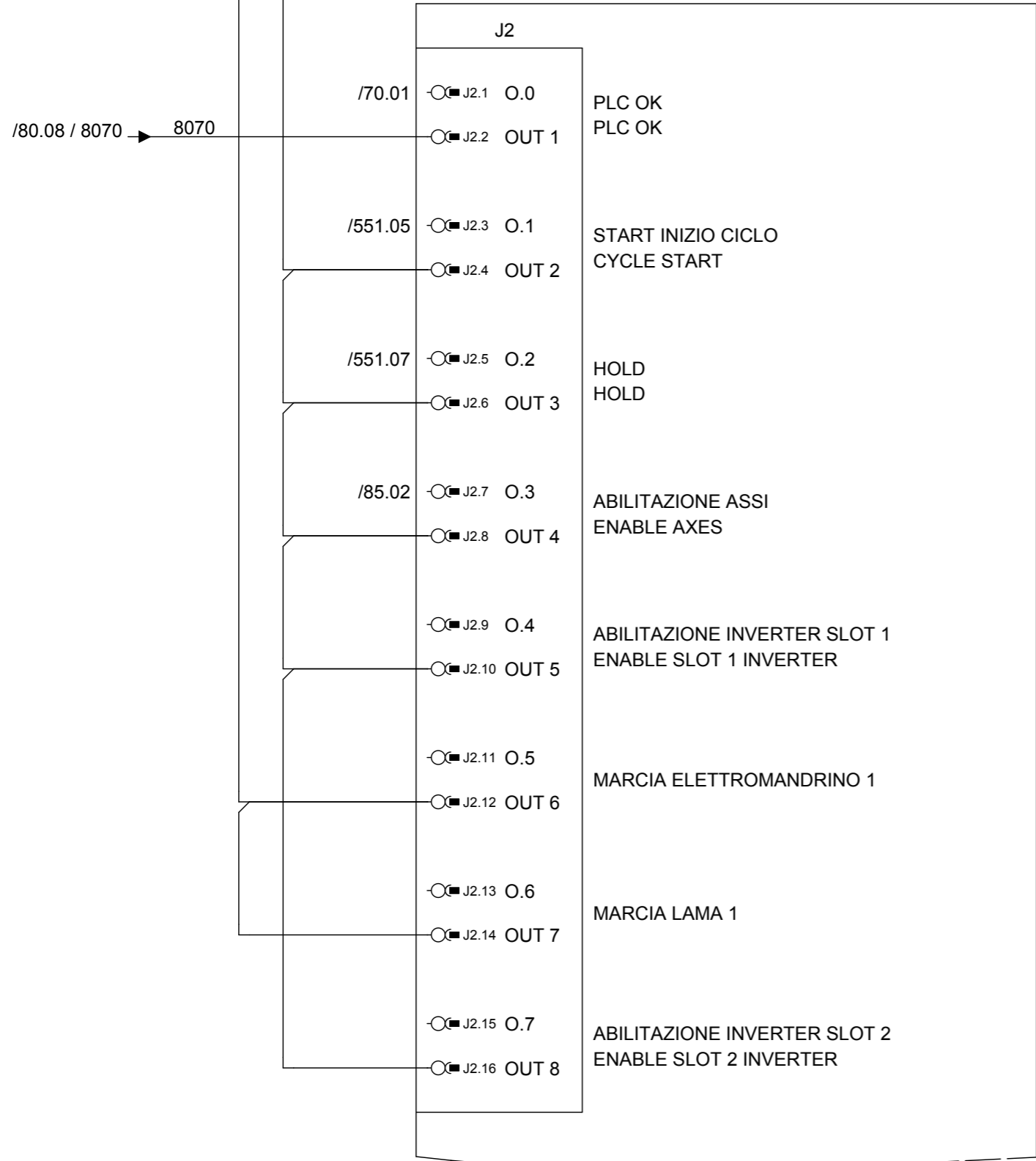
CUSTOMER		PREV.	SUBS.
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		651	900
SKIPPER 100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	655

# RIEPILOGO PLC PLC SUMMARY

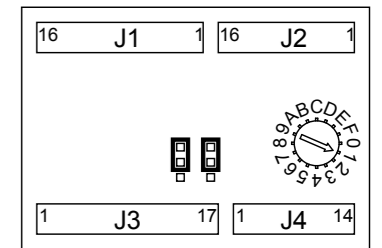
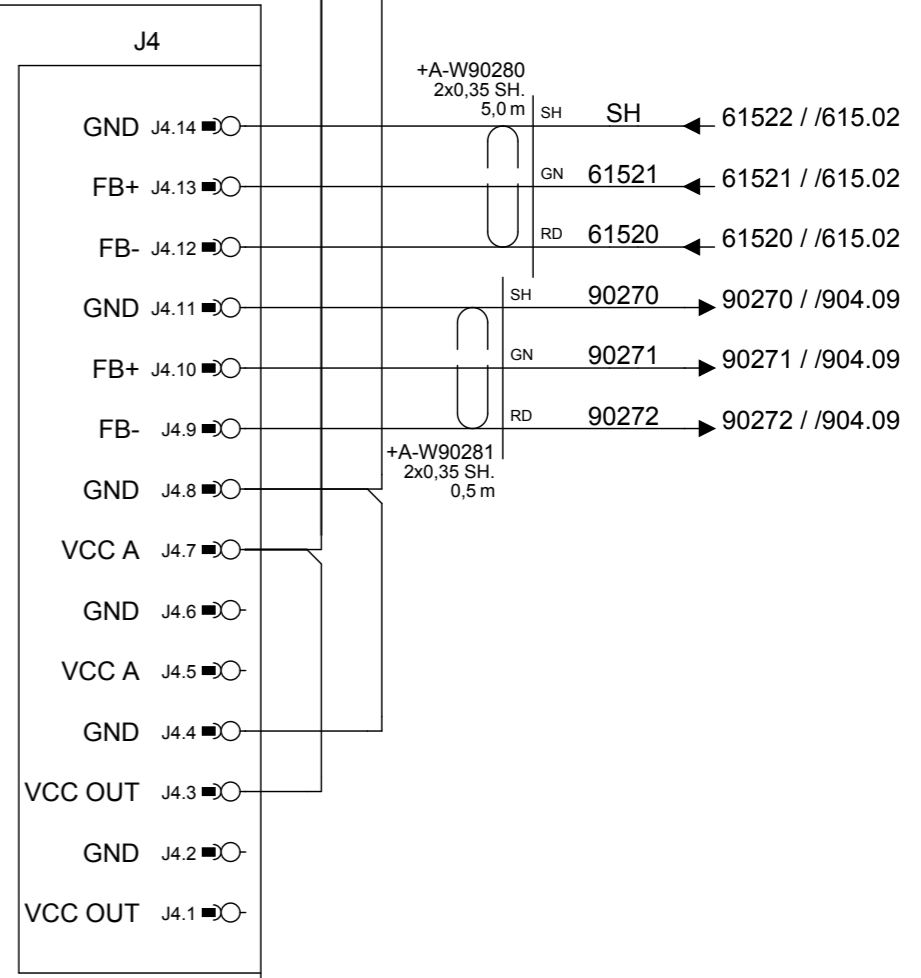
			MODIF.	07/12/2007	 <b>BIESSE</b>	RIEPILOGO PLC PLC SUMMARY		CUSTOMER		PREV.	SUBS.
			PROC.	GGraziosi				TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		655	902
REVISION NR.	DATE	NAME	CHECK	NORM		SKIPPER_100		SERIAL NUMBER	DIAGRAM	PAGE	900
							22127	22127 - 01			



+A-U90220  
QUADRO  
CENTRE



CH1-1



MODIF.	07/12/2007
PROC.	GGraziosi
CHECK	
REVISION NR.	DATE
NAME	NORM



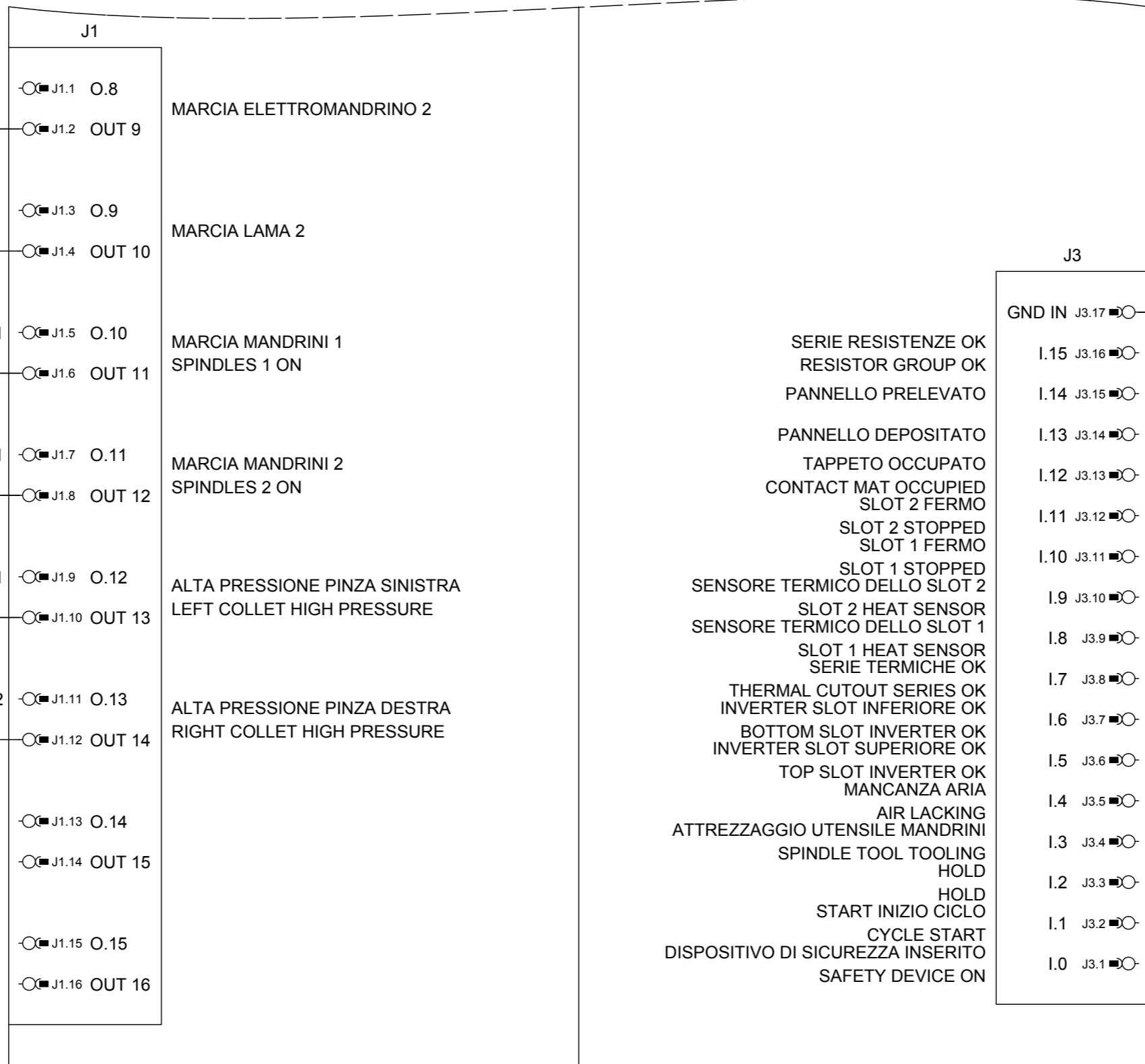
SCHEDA I/O  
I/O CARD

CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	900	SUBS.	903
SKIPPER 100	SERIAL NUMBER	22127	DIAGRAM	22127 - 01	PAGE
					902



/902.09 / 6560 → 6560 / /904.00  
 /902.09 / 6013 → 6013 / /904.00

+A-U90220  
 QUADRO  
 CENTRE

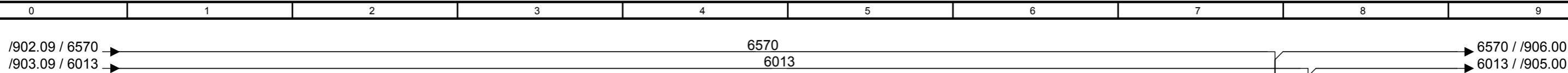


MODIF.	13/09/2006
PROC.	alessandro_zenchi
CHECK	
REVISION NR.	DATE
NAME	NORM

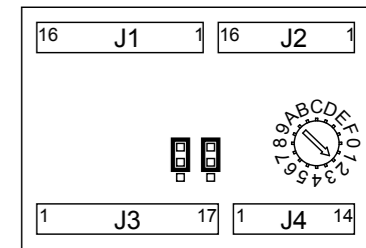
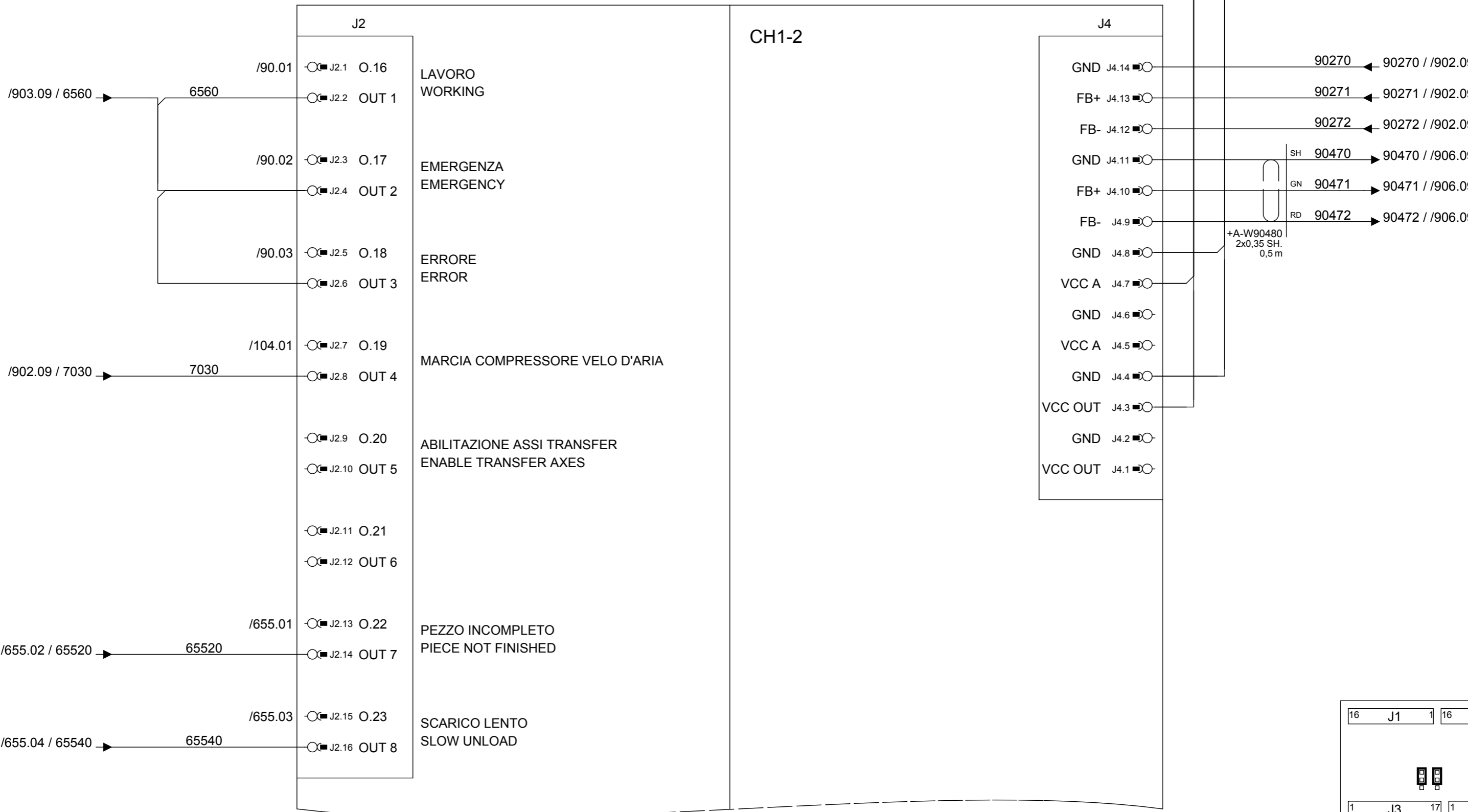


SCHEDA I/O  
 I/O CARD

CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	902	SUBS.	904
SKIPPER 100	SERIAL NUMBER	22127	DIAGRAM	22127 - 01	PAGE
					903



+A-U90420  
QUADRO  
CENTRE



MODIF.	07/12/2007
PROC.	GGraziosi
CHECK	
REVISION NR.	DATE
NAME	NORM

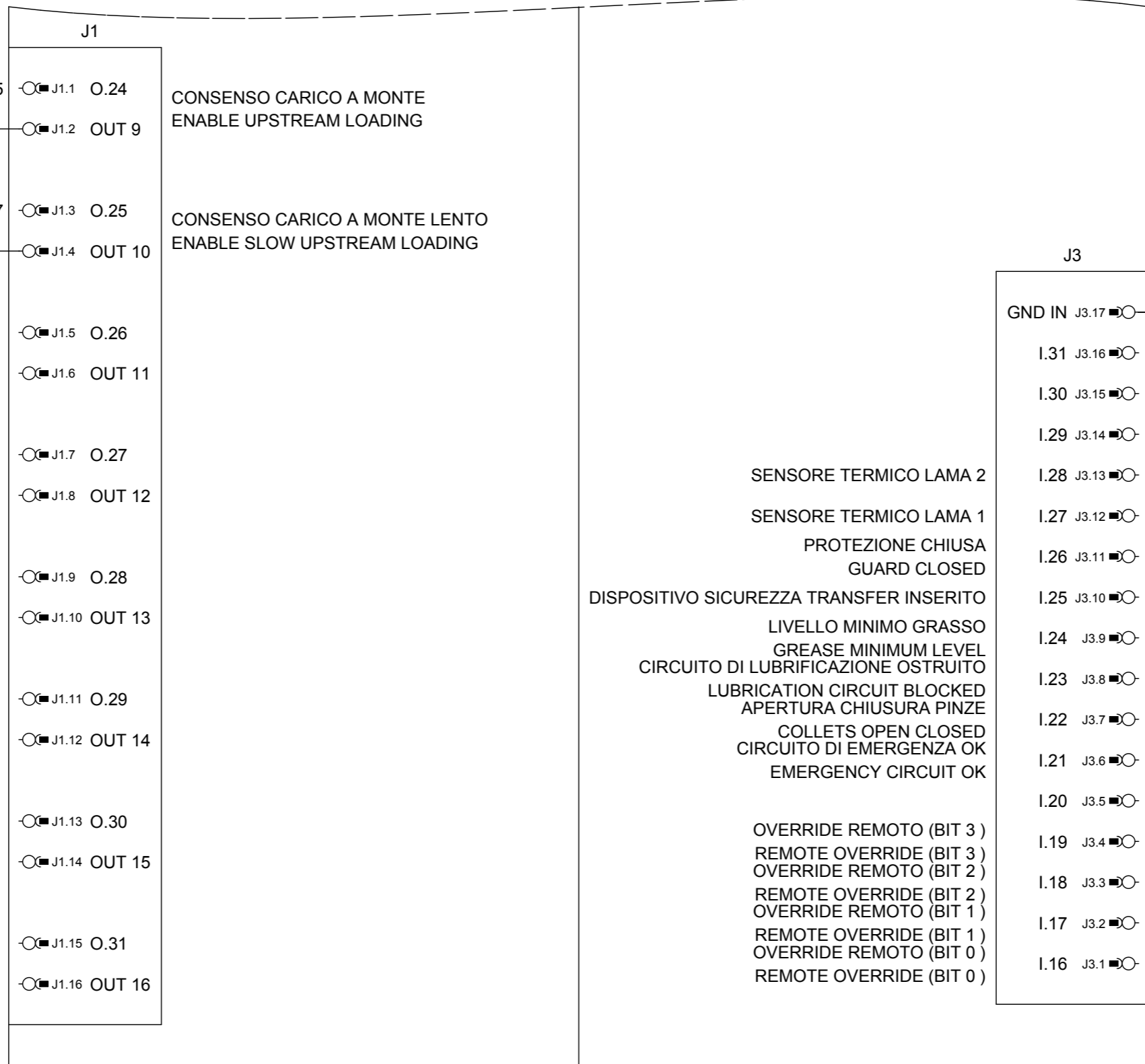


SCHEDA I/O  
I/O CARD

CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	903	SUBS.	905
SKIPPER 100	SERIAL NUMBER	22127	DIAGRAM	22127 - 01	PAGE
					904

/904.09 / 6013 → 6013 → 6013 / /906.00

+A-U90420  
QUADRO  
CENTRE

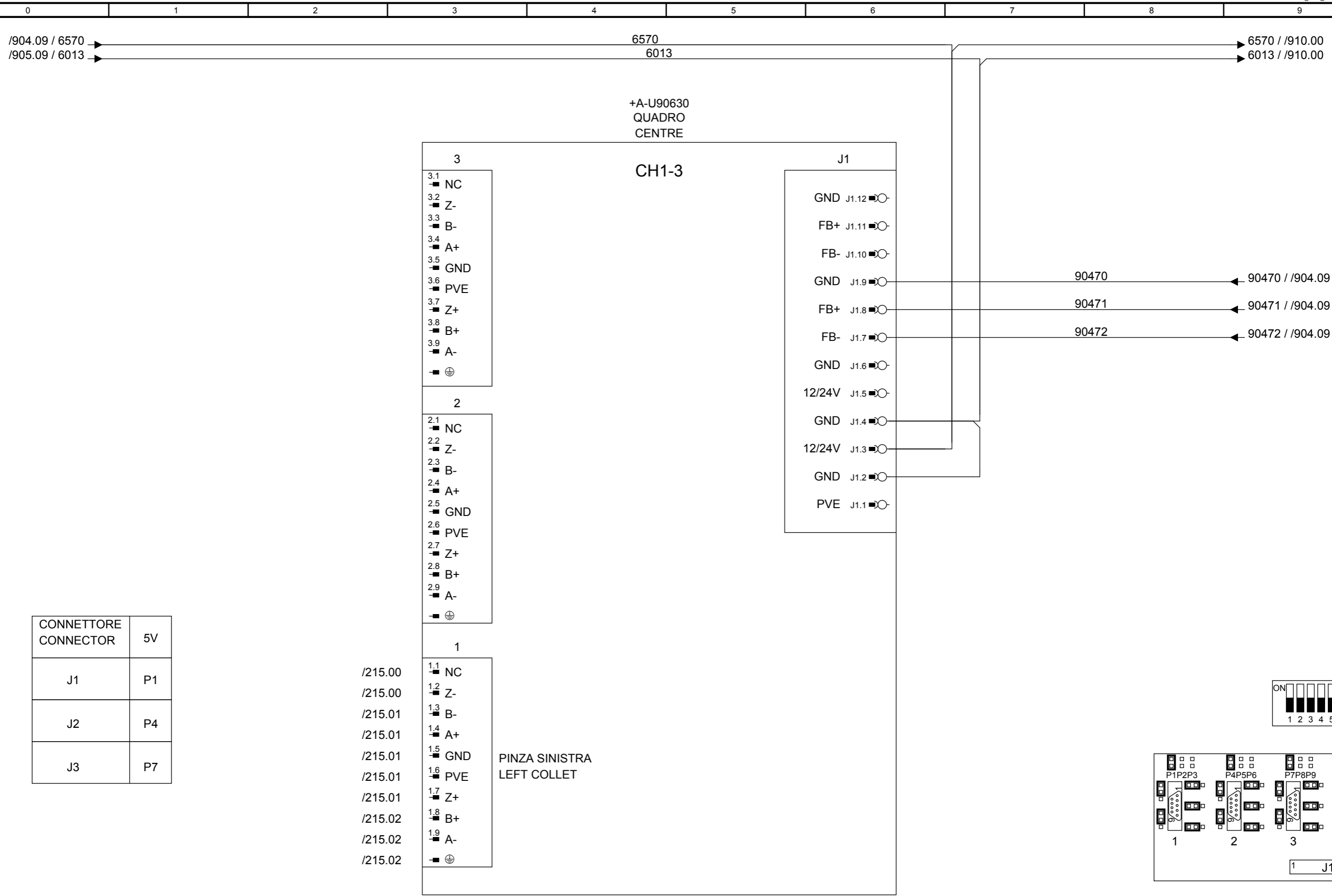


MODIF.	20/09/2006
PROC.	alessandro_zenchi
CHECK	
REVISION NR.	DATE
NAME	NORM



SCHEDA I/O  
I/O CARD

CUSTOMER		PREV.	SUBS.
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		904	906
SKIPPER 100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	905



/904.09 / 6570  
/905.09 / 6013

6570  
6013

6570 / /910.00  
6013 / /910.00

- 3
- 3.1 NC
  - 3.2 Z-
  - 3.3 B-
  - 3.4 A+
  - 3.5 GND
  - 3.6 PVE
  - 3.7 Z+
  - 3.8 B+
  - 3.9 A-
  - ⊕

- 2
- 2.1 NC
  - 2.2 Z-
  - 2.3 B-
  - 2.4 A+
  - 2.5 GND
  - 2.6 PVE
  - 2.7 Z+
  - 2.8 B+
  - 2.9 A-
  - ⊕

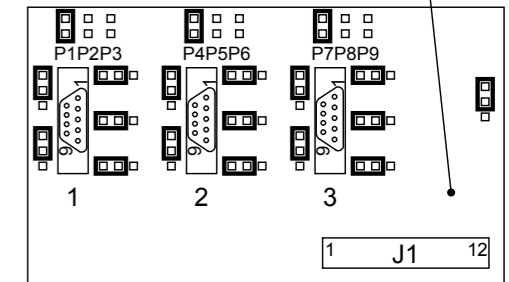
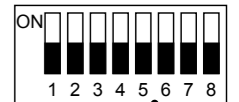
- 1
- 1.1 NC
  - 1.2 Z-
  - 1.3 B-
  - 1.4 A+
  - 1.5 GND
  - 1.6 PVE
  - 1.7 Z+
  - 1.8 B+
  - 1.9 A-
  - ⊕

- GND J1.12
- FB+ J1.11
- FB- J1.10
- GND J1.9
- FB+ J1.8
- FB- J1.7
- GND J1.6
- 12/24V J1.5
- GND J1.4
- 12/24V J1.3
- GND J1.2
- PVE J1.1

90470 ← 90470 / /904.09  
90471 ← 90471 / /904.09  
90472 ← 90472 / /904.09

CONNETTORE CONNECTOR	5V
J1	P1
J2	P4
J3	P7

/215.00  
/215.00  
/215.01  
/215.01  
/215.01  
/215.01  
/215.01  
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/215.02  
/215.02  
/215.02

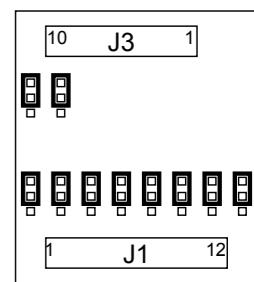
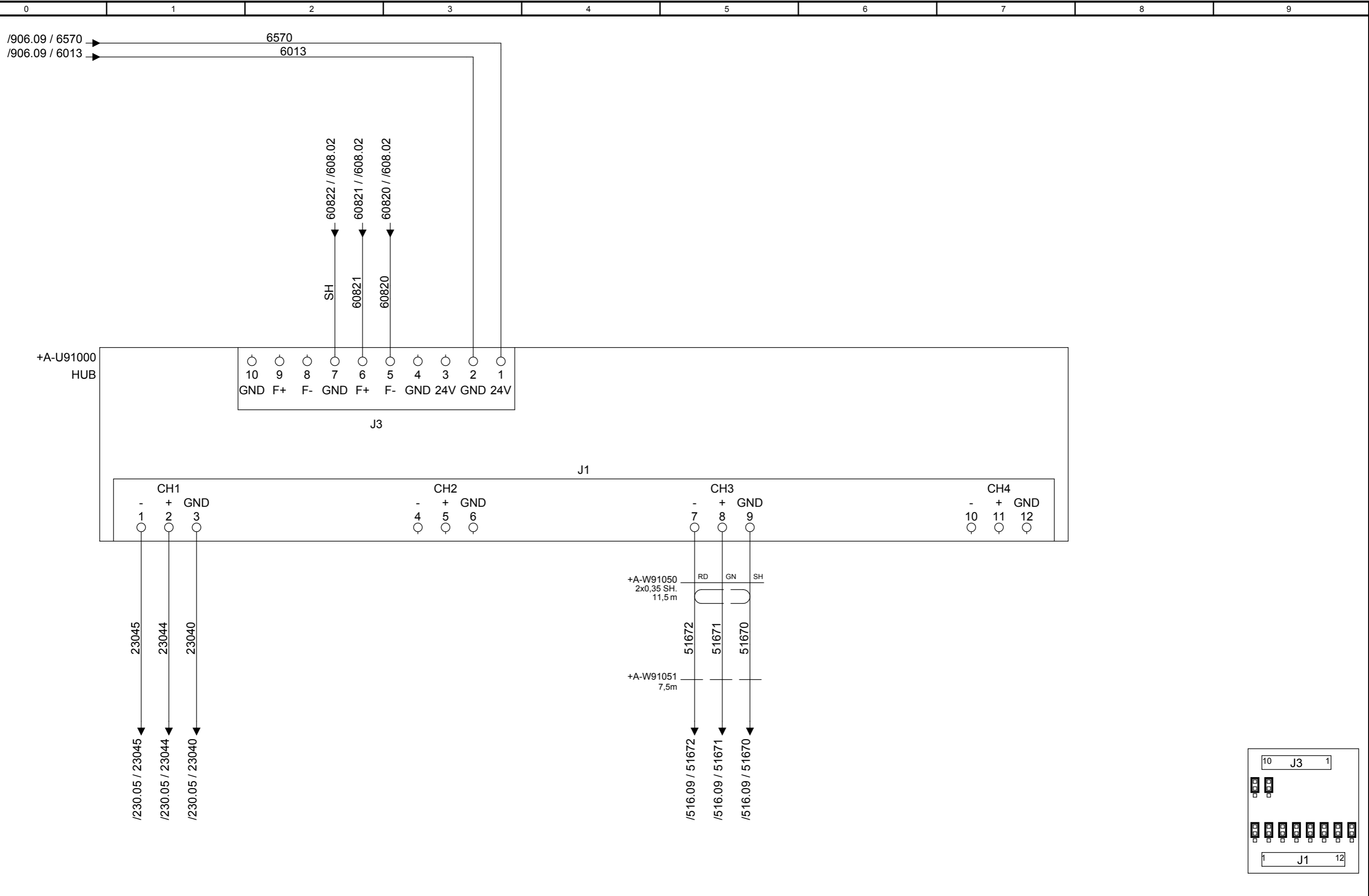


MODIF.	17/05/2007
PROC.	alessandro_zenchi
CHECK	
REVISION NR.	DATE
NAME	NORM



SCHEMA ENCODER  
ENCODER CONTROL BOARD

CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	905	SUBS.	910
SKIPPER_100	SERIAL NUMBER	22127	DIAGRAM	22127 - 01	PAGE
					906



REVISION NR.	DATE	NAME	NORM



SCHEDA HUB  
HUB CARD

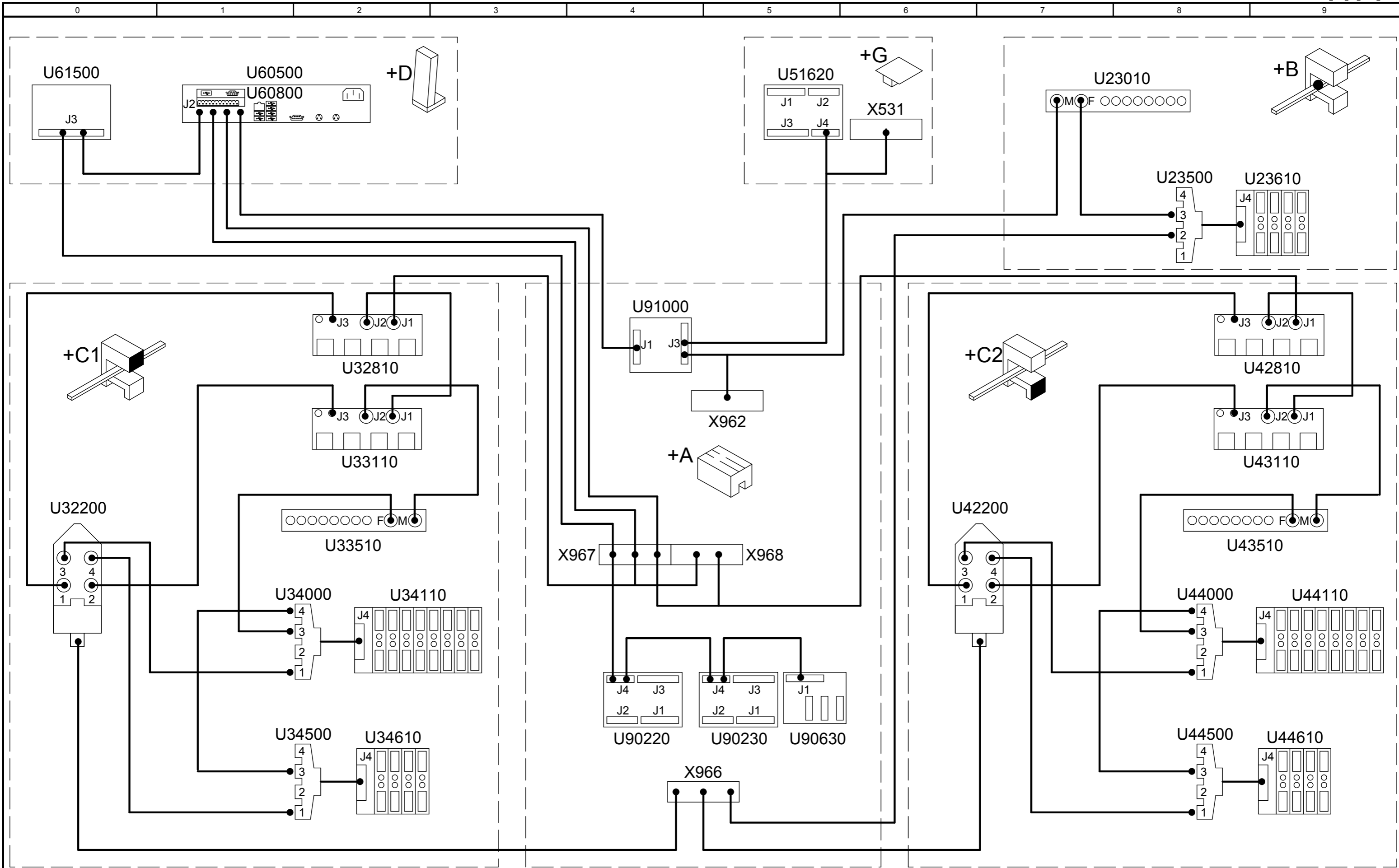
CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	SUBS.
		906	930
SKIPPER_100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	910

0 1 2 3 4 5 6 7 8 9

# RIEPILOGO RETI

# NETWORKS SUMMARY

			MODIF.	07/12/2007	 <b>BIESSE</b>	RIEPILOGO RETI		CUSTOMER		PREV.	SUBS.
			PROC.	GGraziosi		NETWORKS SUMMARY		TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		910	931
			CHECK					SKIPPER_100		SERIAL NUMBER	DIAGRAM
REVISION NR.	DATE	NAME	NORM						22127	22127 - 01	930

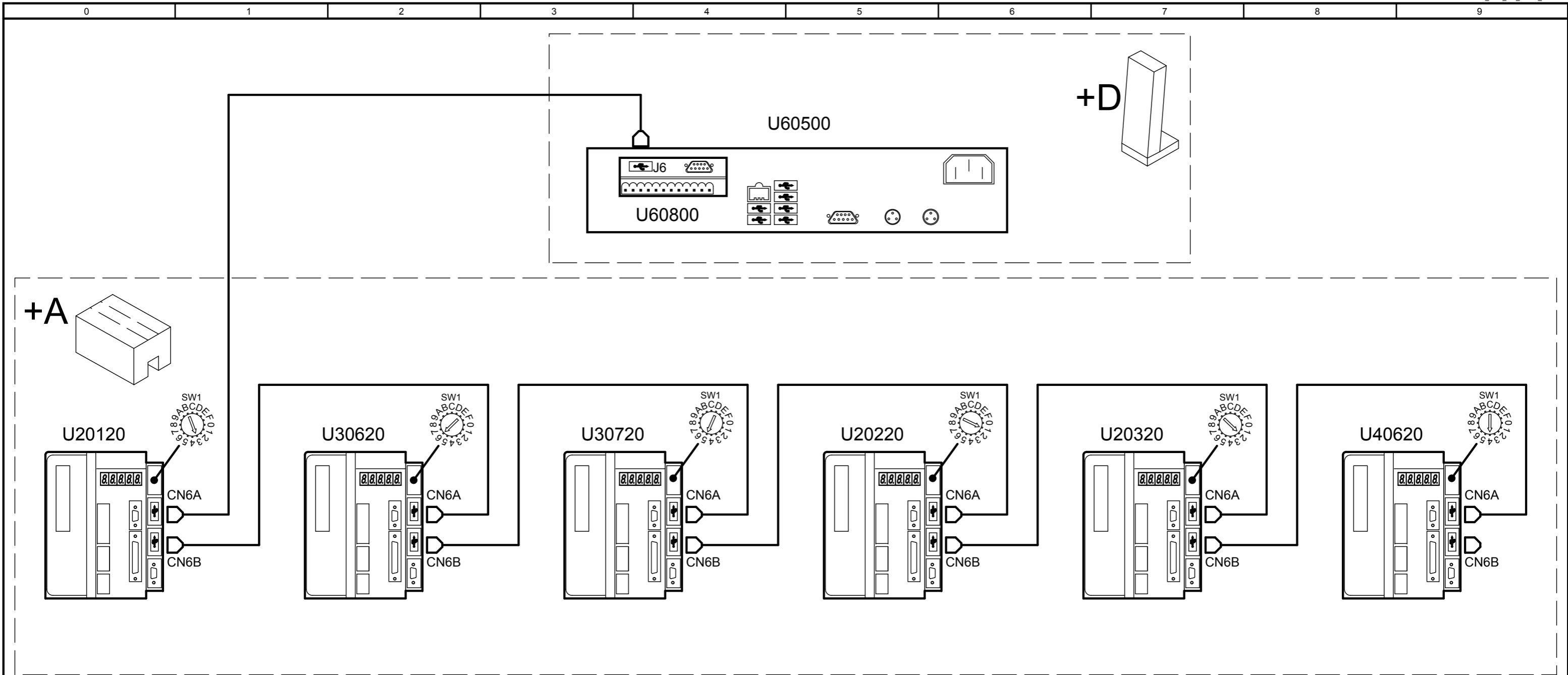


MODIF.	07/12/2007
PROC.	GGraziosi
CHECK	
REVISION NR.	DATE
	NAME
	NORM



RETE FIELDBUS  
FIELDBUS NETWORK

CUSTOMER		TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	SUBS.
SKIPPER_100		SERIAL NUMBER	DIAGRAM	PAGE
		22127	22127 - 01	931



REVISION NR.	DATE	NAME	NORM

MODIF.	07/12/2007
PROC.	GGraziosi
CHECK	



**BIESSE**

RETE MECHATROLINK  
MECHATROLINK NETWORK

CUSTOMER		TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	SUBS.
SKIPPER_100		SERIAL NUMBER	931	940
		DIAGRAM	PAGE	
		22127	22127 - 01	932



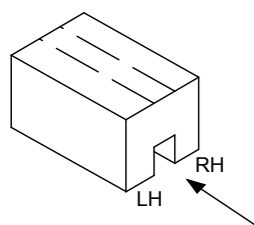
0 1 2 3 4 5 6 7 8 9

# PLANIMETRIE ARMADIO ELETTRICO

## DISTRIBUTION CABINET LAYOUTS

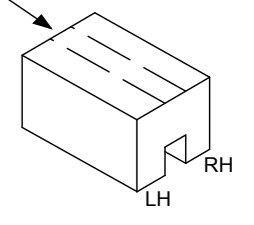
			MODIF.	07/12/2007	 <b>BIESSE</b>	PLANIMETRIE ARMADIO ELETTRICO DISTRIBUTION CABINET LAYOUTS	CUSTOMER		PREV.	SUBS.
			PROC.	GGraziosi			TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		932	941
			CHECK				<b>SKIPPER_100</b>	SERIAL NUMBER	DIAGRAM	PAGE
REVISION NR.	DATE	NAME	NORM				22127	22127 - 01		

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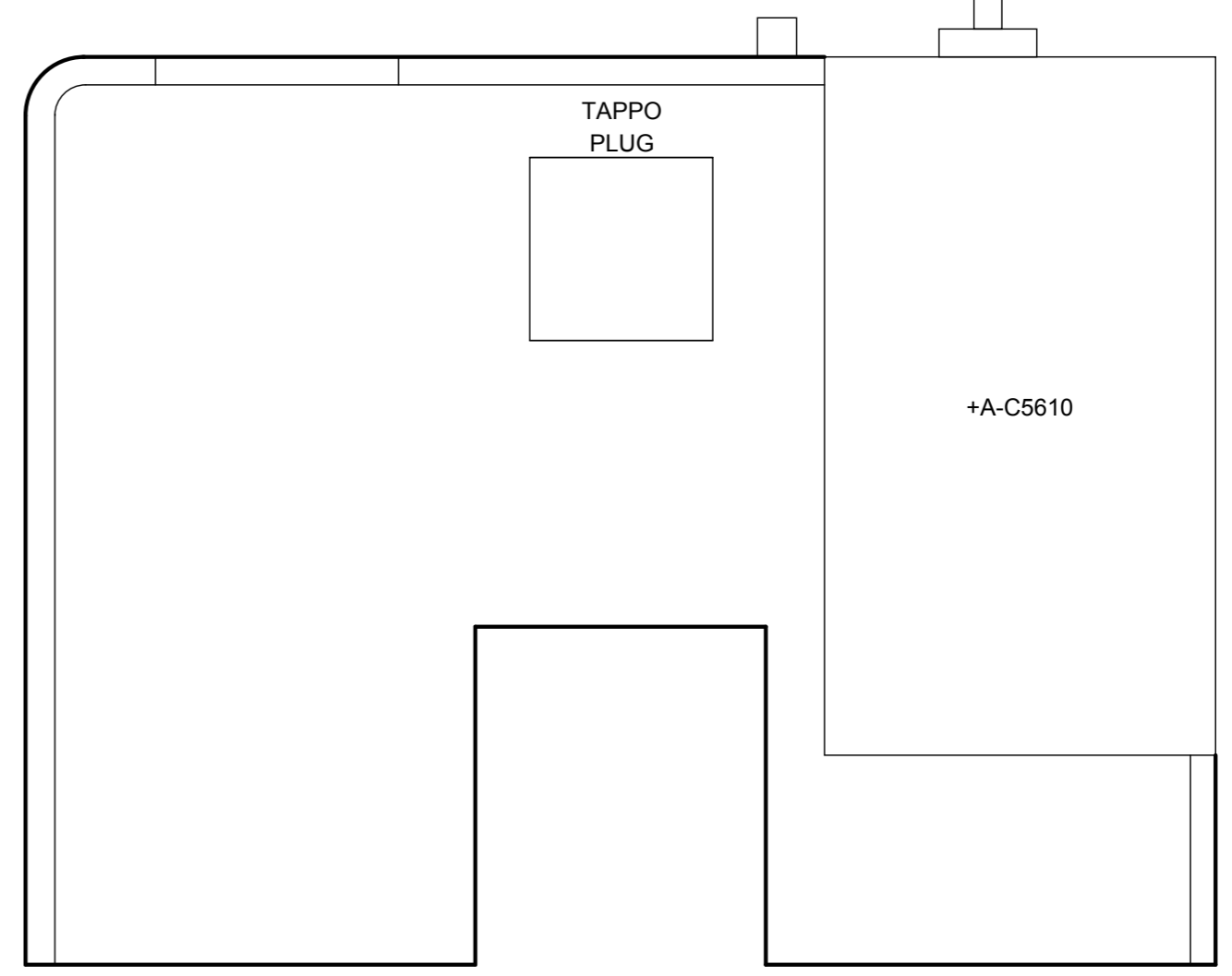
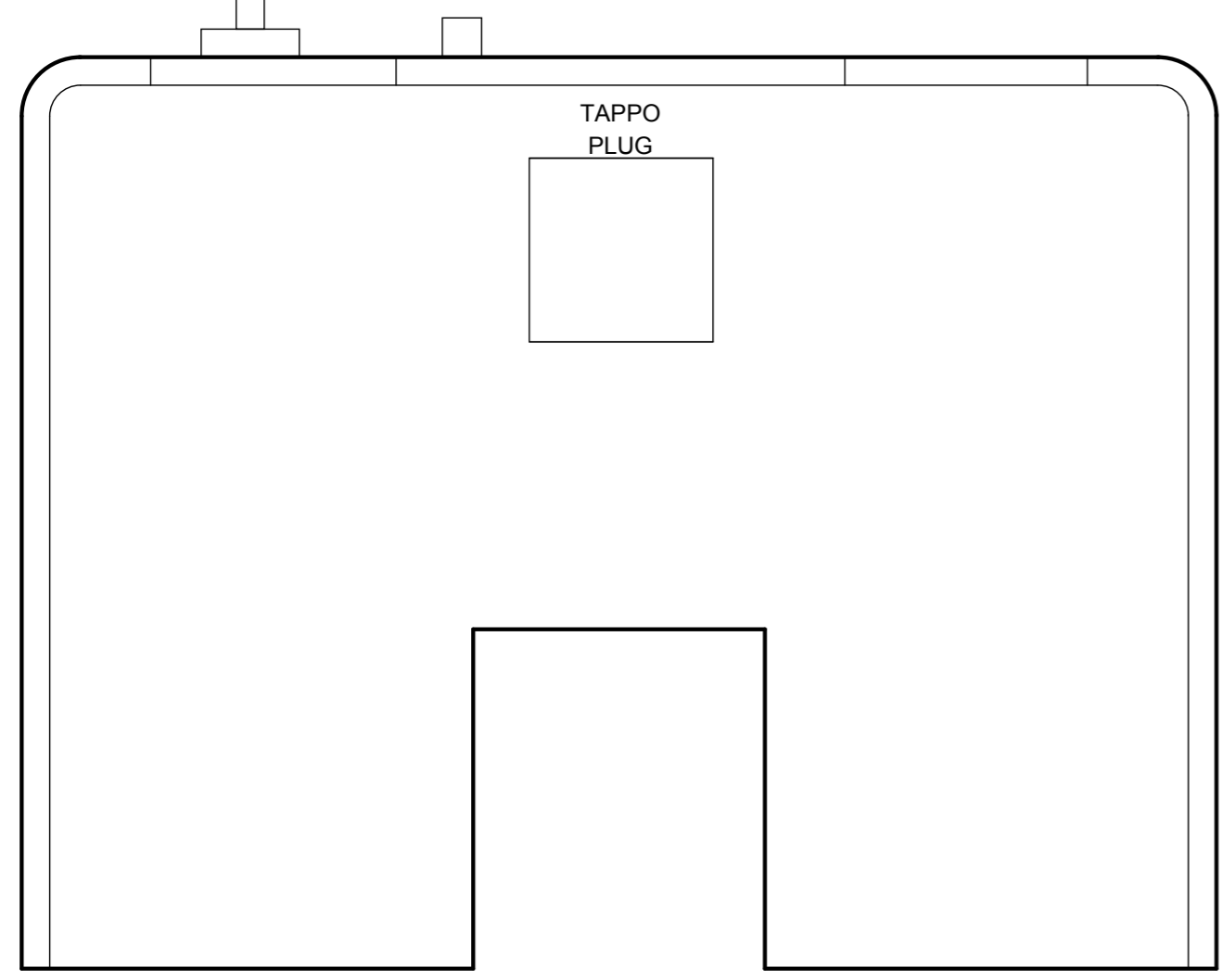
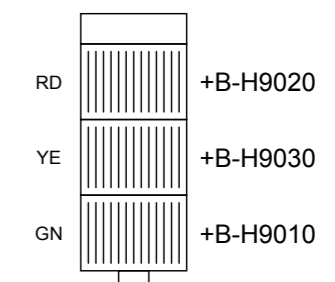
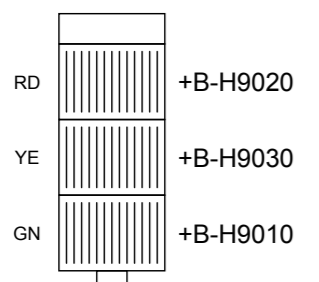
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650x1530x860 (HxLxP) RAL 7035  
 13-16-K0283  
 ????????



VISTA ANTERIORE  
FRONT VIEW

VISTA POSTERIORE  
REAR VIEW



LH

RH

RH

LH

REVISION NR.	DATE	NAME	NORM

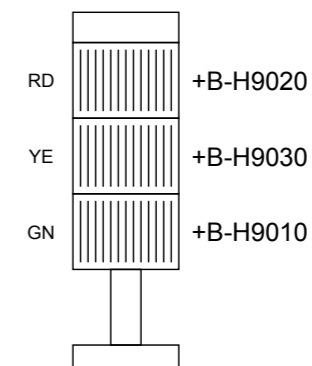
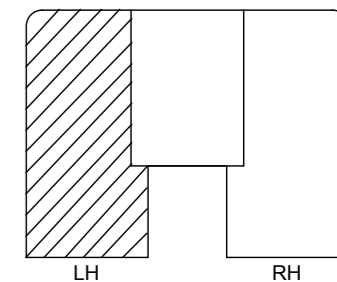


PLANIMETRIE ARMADIO ELETTRICO  
DISTRIBUTION CABINET LAYOUTS

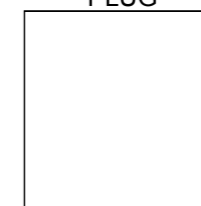
CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	SUBS.
		940	942
SKIPPER_100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	941

0 1 2 3 4 5 6 7 8 9

VISTA FRONTALE  
FRONT VIEW

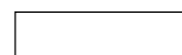
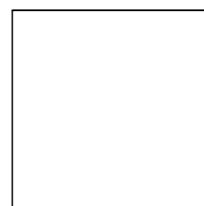


TAPPO  
PLUG



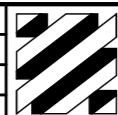
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TAPPO  
PLUG



LH

REVISION NR.	DATE	NAME	NORM



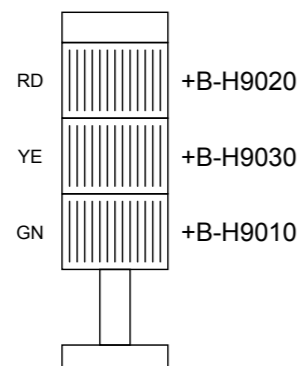
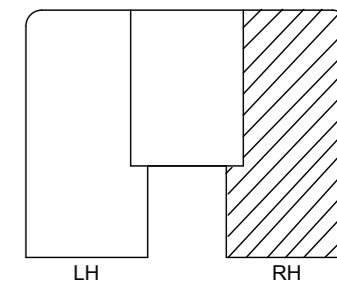
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PLANIMETRIE ARMADIO ELETTRICO  
DISTRIBUTION CABINET LAYOUTS

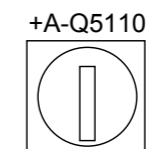
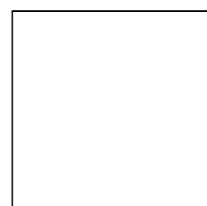
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		941	943
<b>SKIPPER 100</b>	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	<b>942</b>

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VISTA FRONTALE  
FRONT VIEW

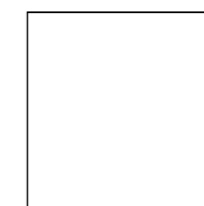


TAPPO  
PLUG



+A-C5610

TAPPO  
PLUG



RH

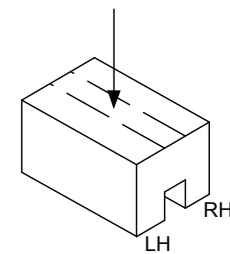
REVISION NR.	DATE	NAME	NORM



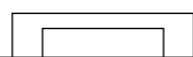
PLANIMETRIE ARMADIO ELETTRICO  
DISTRIBUTION CABINET LAYOUTS

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV. 942	SUBS. 944
<b>SKIPPER 100</b>	SERIAL NUMBER 22127	DIAGRAM 22127 - 01
		PAGE <b>943</b>

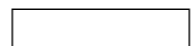
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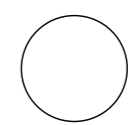
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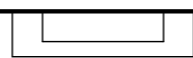
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+B-H9010  
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+A-C5610



LH

REVISION NR.	DATE	NAME	NORM

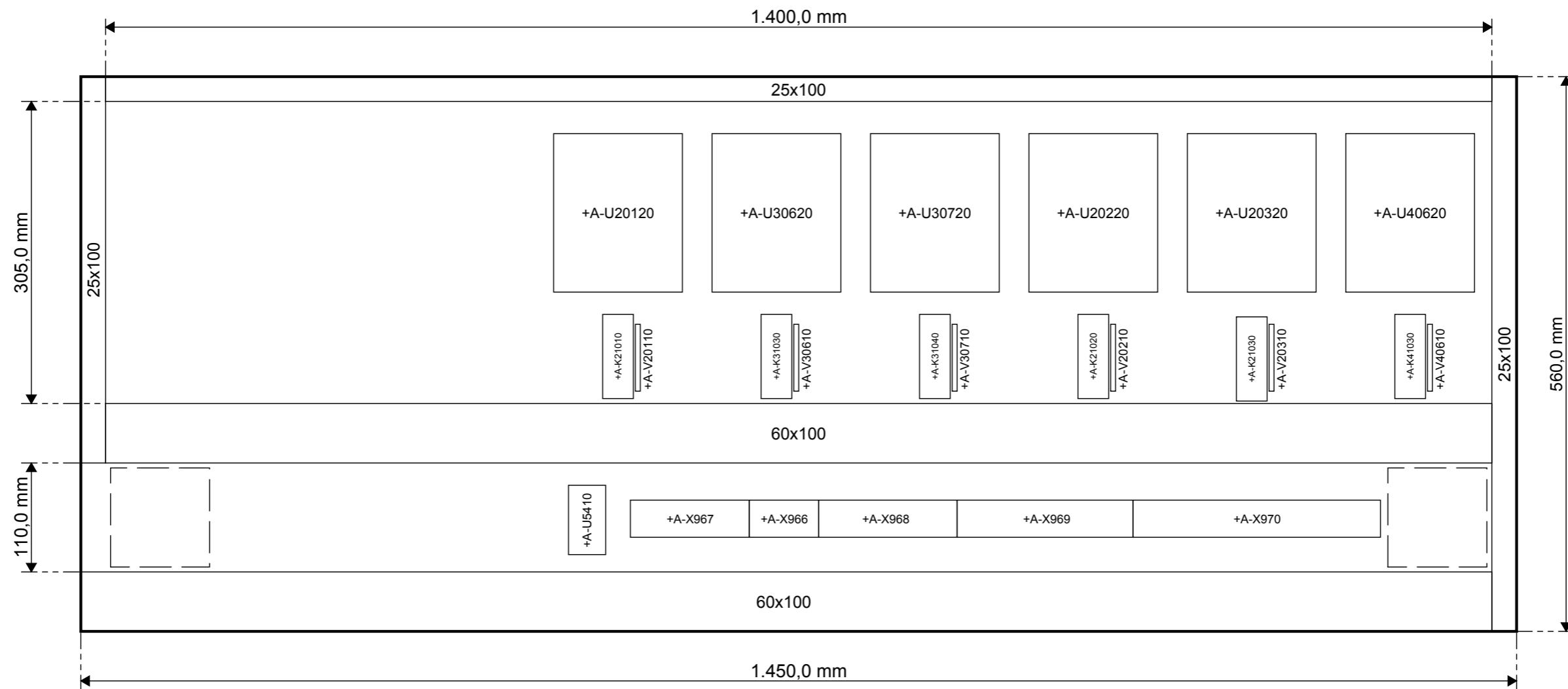
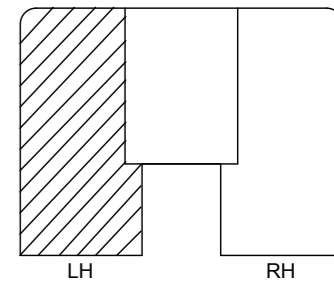


PLANIMETRIE ARMADIO ELETTRICO  
DISTRIBUTION CABINET LAYOUTS

CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	SUBS.
		943	945
SKIPPER_100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	944

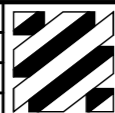
0 1 2 3 4 5 6 7 8 9

VISTA FRONTALE  
FRONT VIEW



REVISION NR.	DATE	NAME	NORM
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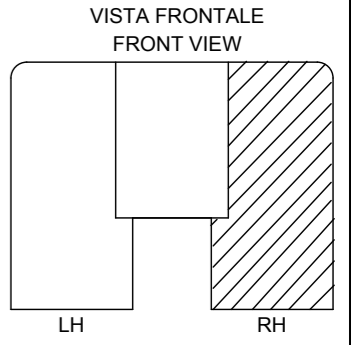
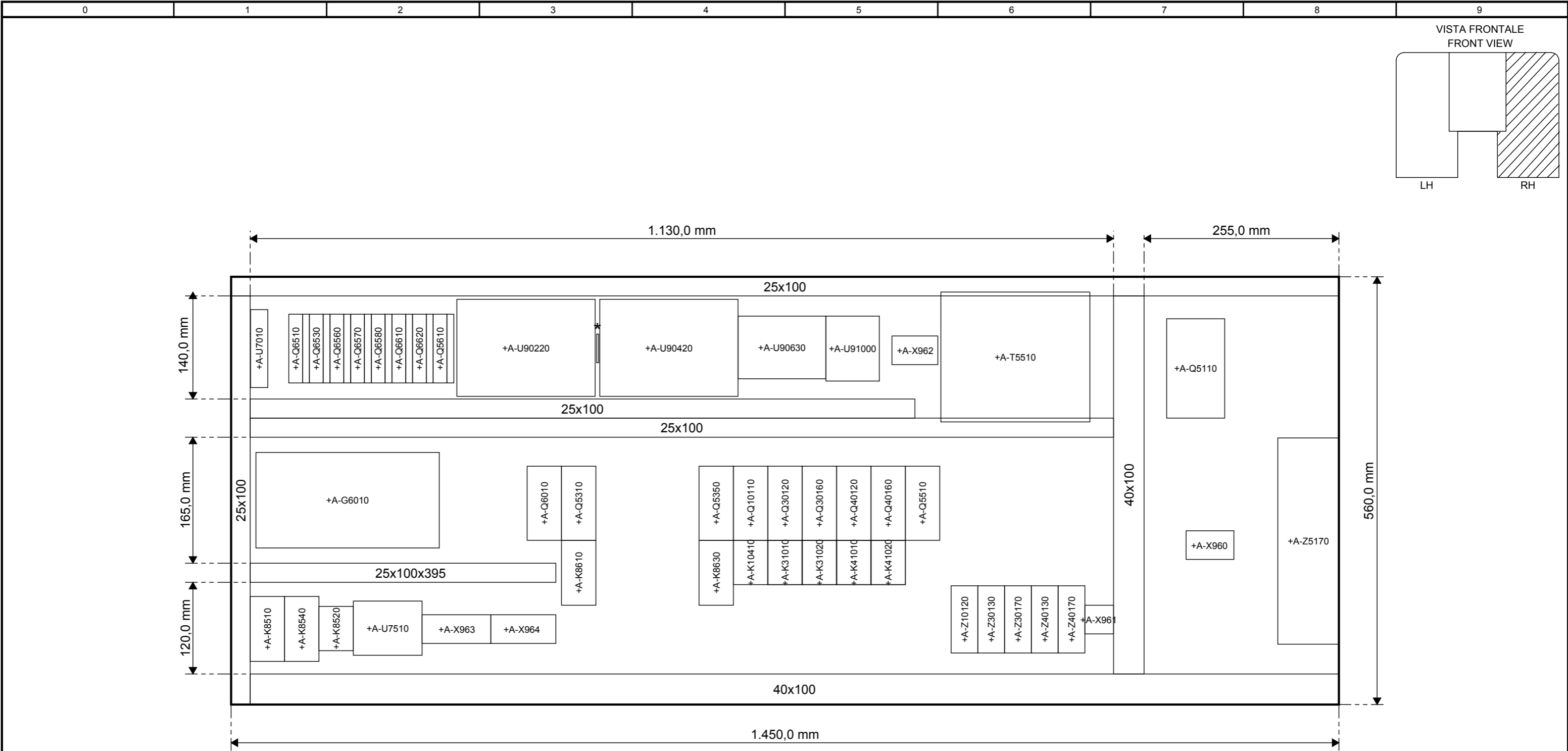
MODIF.	07/12/2007
PROC.	GGraziosi
CHECK	



**BIESSE**

VISTA PIASTRA LATO SINISTRO  
PLATE LEFT SIDE VIEW

CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	944	SUBS.	946
<b>SKIPPER 100</b>	SERIAL NUMBER	22127	DIAGRAM	22127 - 01	PAGE
					<b>945</b>



\* +A-X965

MODIF.	07/12/2007
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REVISION NR.	DATE
NAME	NORM

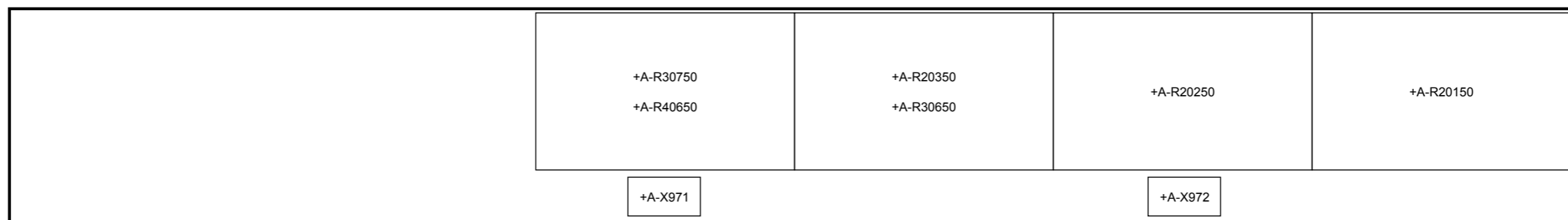
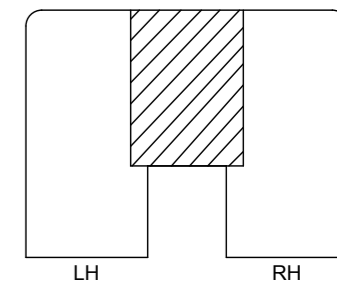


VISTA PIASTRA LATO DESTRO  
PLATE RIGHT SIDE VIEW

CUSTOMER		PREV.	SUBS.
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		945	947
SKIPPER_100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	946

0 1 2 3 4 5 6 7 8 9

VISTA FRONTALE  
FRONT VIEW



			MODIF.	07/12/2007
			PROC.	GGraziosi
			CHECK	
REVISION NR.	DATE	NAME	NORM	



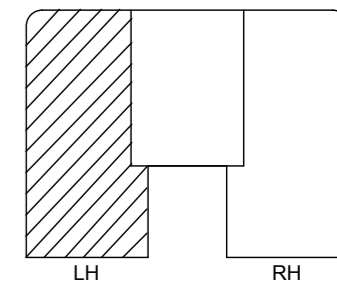
VISTA VANO CENTRALE  
CENTRAL COMPARTMENT VIEW

CUSTOMER	PREV.	SUBS.
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	946	948
SKIPPER 100	SERIAL NUMBER	DIAGRAM
	22127	22127 - 01
	PAGE	947



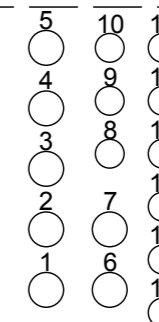
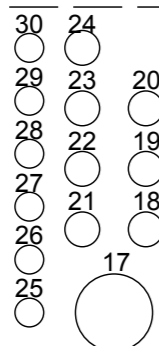
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VISTA FRONTALE  
FRONT VIEW



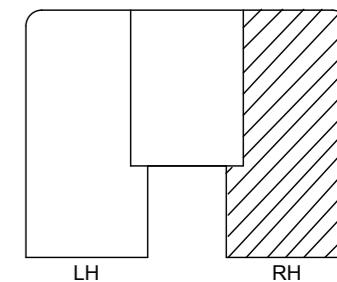
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18	W30510	PG16
19	W40510	PG16
20	W42200	PG16
21	W40610	PG16
22	W20110	PG16
23	W55111	G. 17
24	W40550	PG16
25	W42840	PG11
26	W42010	PG11
27	W40640	PG11
28	W20140	PG11
29	W23000	PG11
30	W23510	PG11

1	W20210	PG16
2	W20310	PG16
3	W32200	PG16
4	W30550	PG16
5	W65110	PG16
6	W30710	PG16
7	W30610	PG16
8	W20240	PG11
9	W22240	PG11
10	W20340	PG11
11	W22270	PG11
12	W30740	PG11
13	W30640	PG11
14	W22210	PG11
15	W32040	PG11
16	W32070	PG11



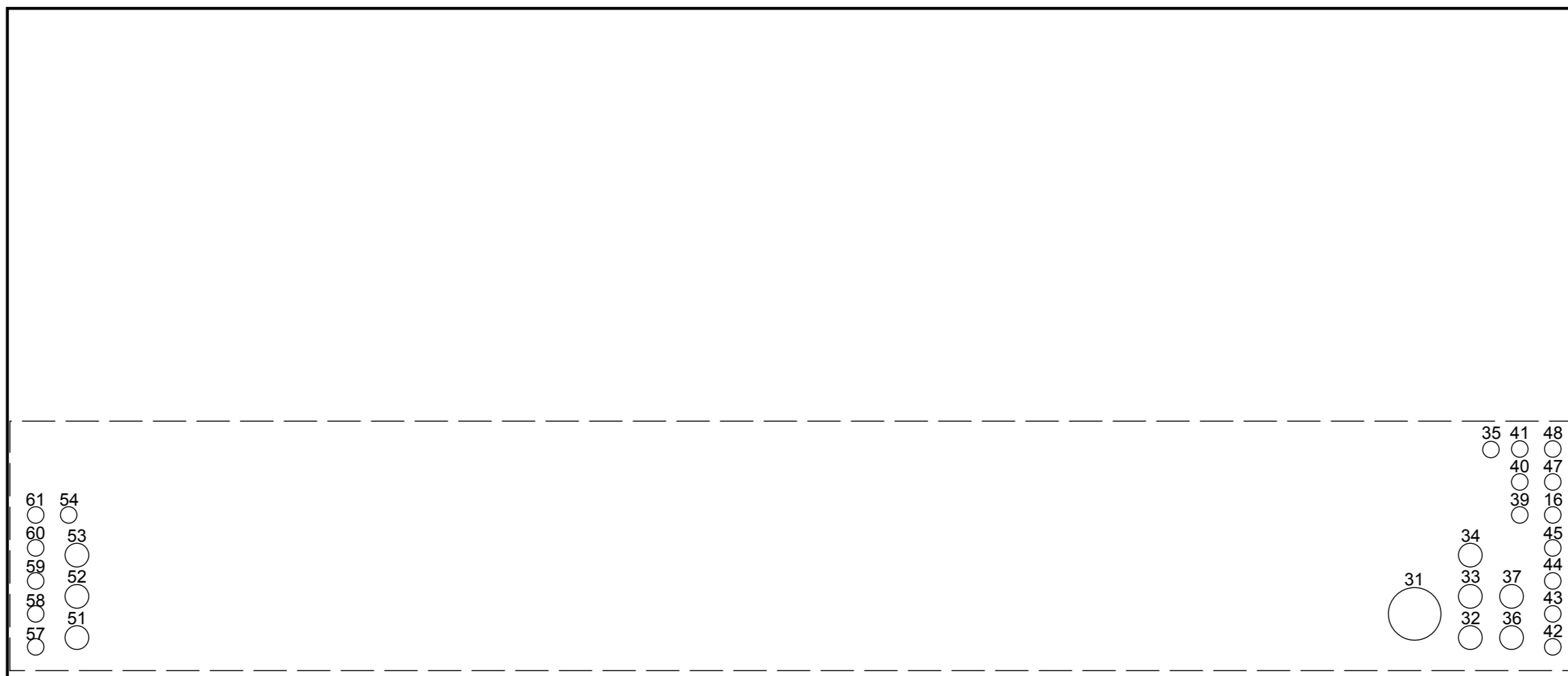
0 1 2 3 4 5 6 7 8 9

VISTA FRONTALE  
FRONT VIEW



51	W30160	PG16
52	W30120	PG16
53		PG16
54	W57640	G. 12
57	W21510	PG9
58	W32840	PG9
59		PG9
60	W31910	PG9
61		PG9

31	W60210	G. 36
32	W10111	PG16
33		PG16
34	W7520	PG16
35		PG13
36	W40120	PG16
37	W40160	PG16
39	W8710	PG9
40		PG9
41	W55511	G. 12
42	W22520	PG9
43	W22510	PG9
44	W32020	PG9
45	W8740	PG9
46		PG9
47	W7620	PG13
48	W8031	G. 12



61 ○  
60 ○  
59 ○  
58 ○  
57 ○

54 ○  
53 ○  
52 ○  
51 ○

31 ○

34 ○  
33 ○  
32 ○

35 ○  
40 ○  
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42 ○

48 ○

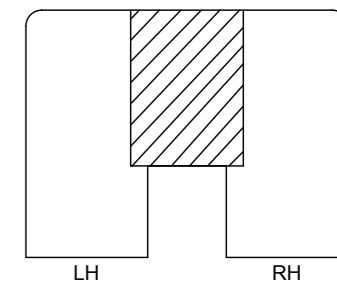
REVISION NR.	DATE	NAME	NORM	MODIF.	07/12/2007	
				PROC.	GGraziosi	
				CHECK		

VISTA INTERNA LATO DESTRO -USCITA CAVI-  
RIGHT SIDE INTERNAL VIEW -CABLE OUT-

CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	948	SUBS.	950
SKIPPER_100	SERIAL NUMBER	22127	DIAGRAM	22127 - 01	PAGE
					949

0 1 2 3 4 5 6 7 8 9

VISTA FRONTALE  
FRONT VIEW



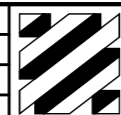
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65	W5141	PG29
66	W50610	G. 23
67	W50520	G. 23
68	W10520	PG21
69	W10620	PG21



64 65 66 67 68 69

REVISION NR.	DATE	NAME	NORM

MODIF.	07/12/2007
PROC.	GGraziosi
CHECK	



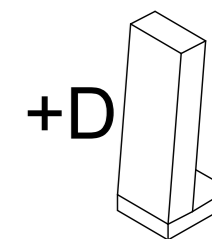
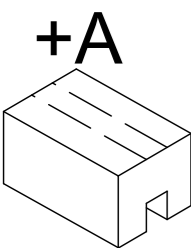
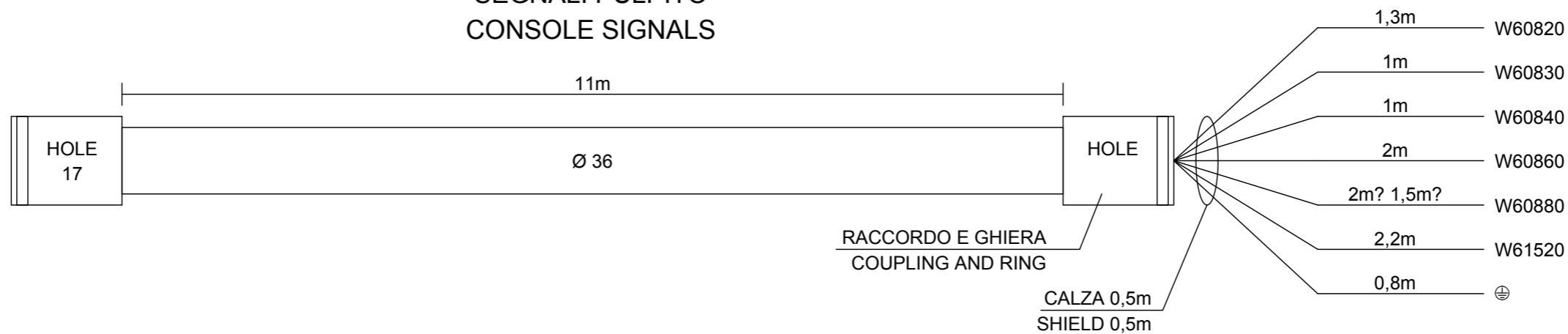
**BIESSE**

VISTA INTERNA VANO CENTRALE  
CENTRAL COMPARTMENT INTERNAL VIEW

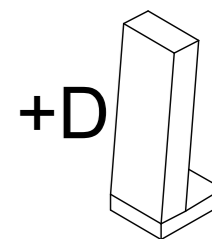
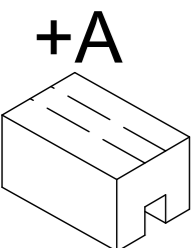
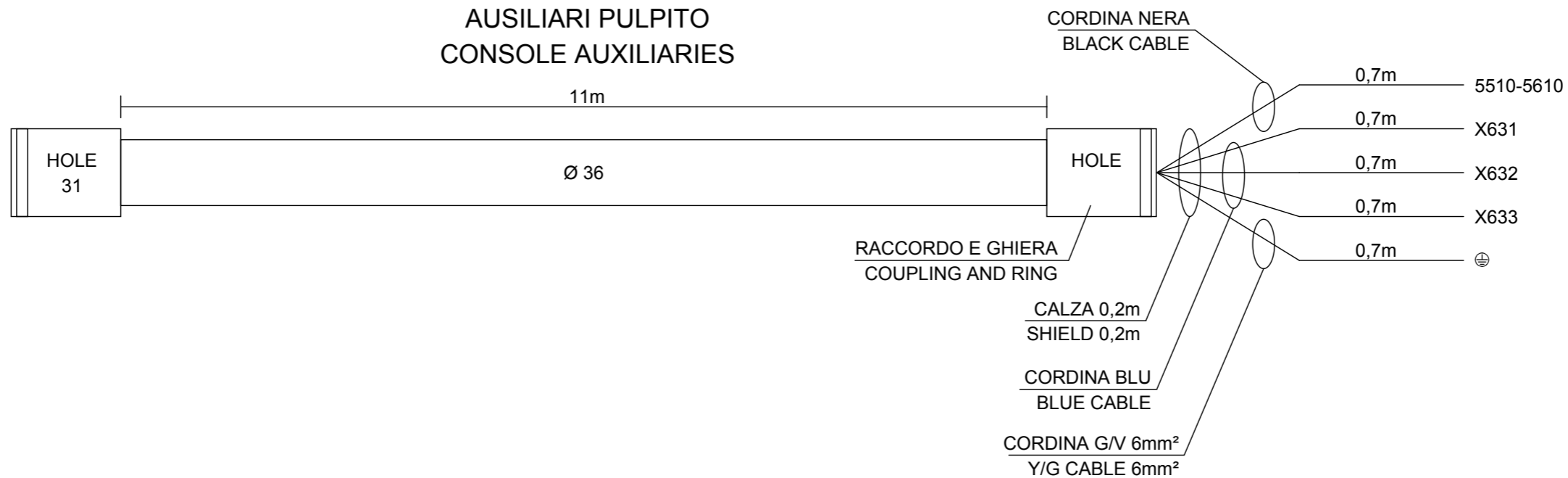
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<b>SKIPPER_100</b>	SERIAL NUMBER	22127	DIAGRAM	22127 - 01	PAGE
					<b>950</b>

0 1 2 3 4 5 6 7 8 9

**W60800**  
**SEGNALI PULPITO**  
**CONSOLE SIGNALS**



**W60210**  
**AUSILIARI PULPITO**  
**CONSOLE AUXILIARIES**



REVISION NR.	DATE	NAME	NORM

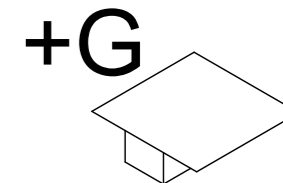
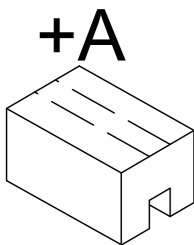
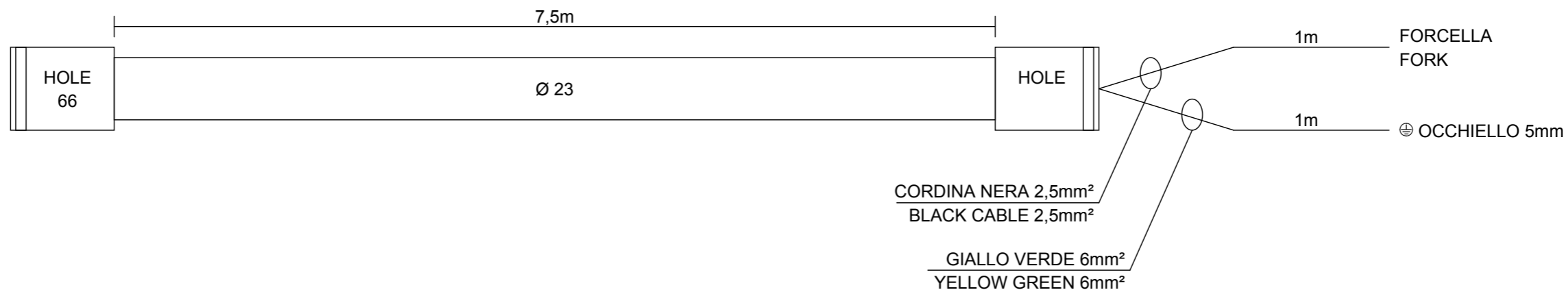


GUAINA QUADRO-PULPITO  
 BOARD-CONSOLE SHEATHS

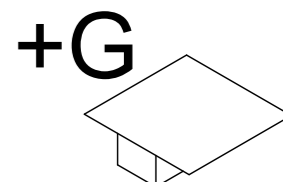
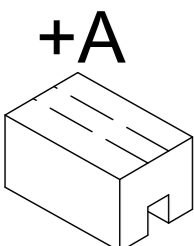
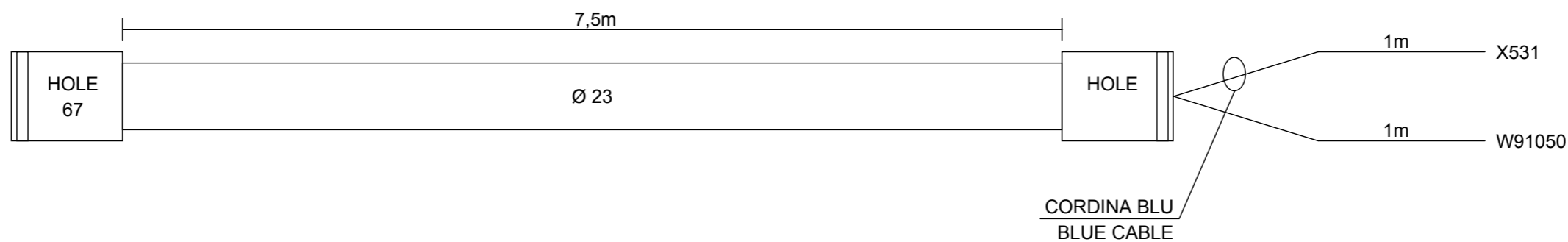
CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV. 950	SUBS. 953
<b>SKIPPER 100</b>	SERIAL NUMBER 22127	DIAGRAM 22127 - 01
	PAGE	<b>951</b>

0 1 2 3 4 5 6 7 8 9

**W50610**  
**POTENZA TRANSFER DI SCARICO**  
**UNLOADING TRANSFER OUTPUT**



**W50520**  
**AUSILIARI TRANSFER DI SCARICO**  
**UNLOADING TRANSFER AUXILIARIES**



REVISION NR.	DATE	NAME	NORM



**GUAINA QUADRO-TRANSFER DI SCARICO**  
**BOARD-UNLOADING TRANSFER SHEATHS**

CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	SUBS.
		951	980
<b>SKIPPER_100</b>	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	<b>953</b>

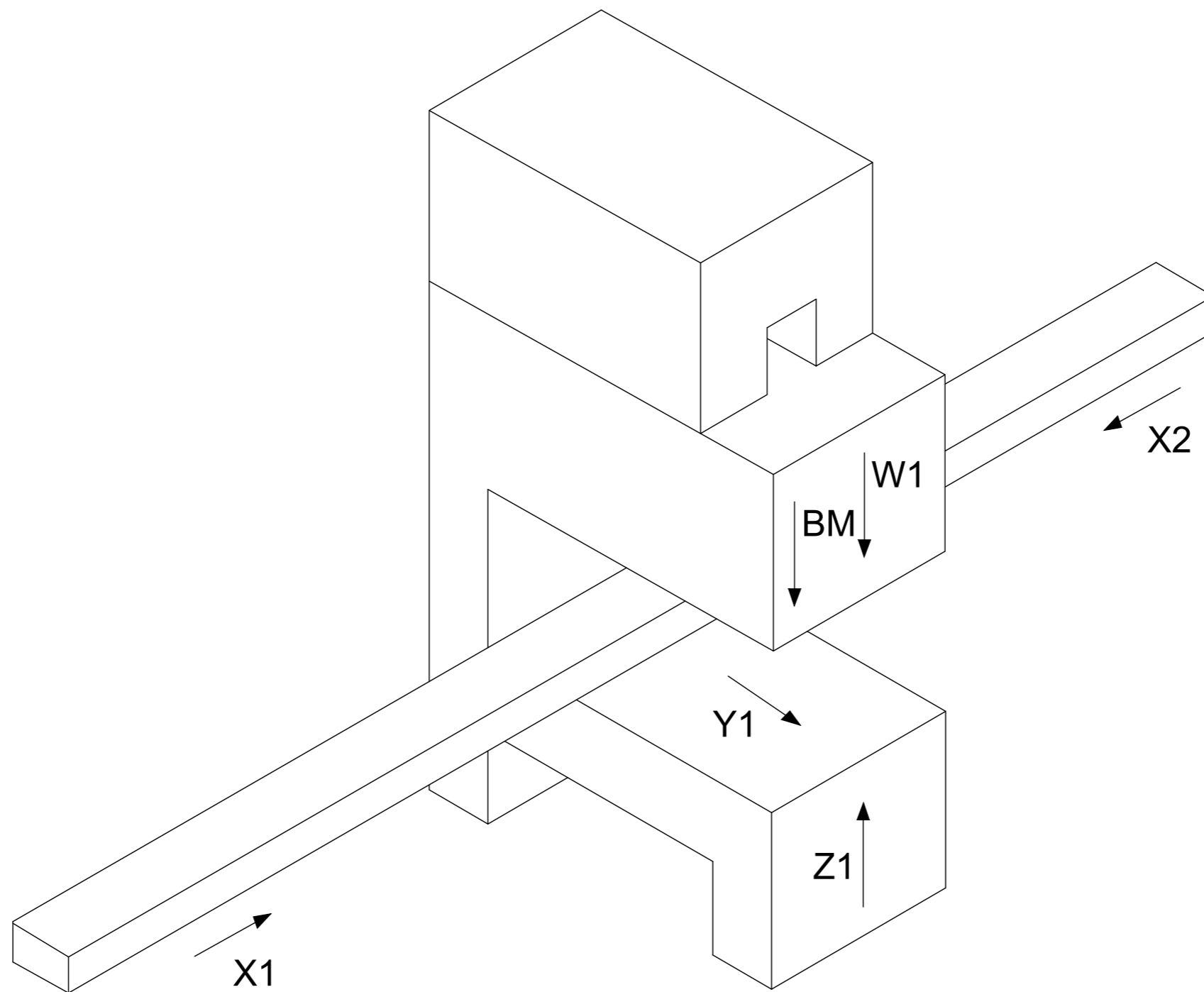
# LAY-OUT LAYOUT

			MODIF.	07/12/2007
			PROC.	GGraziosi
			CHECK	
REVISION NR.	DATE	NAME	NORM	



LAY-OUT  
LAYOUT

CUSTOMER		PREV.	SUBS.
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		953	981
SKIPPER_100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	980

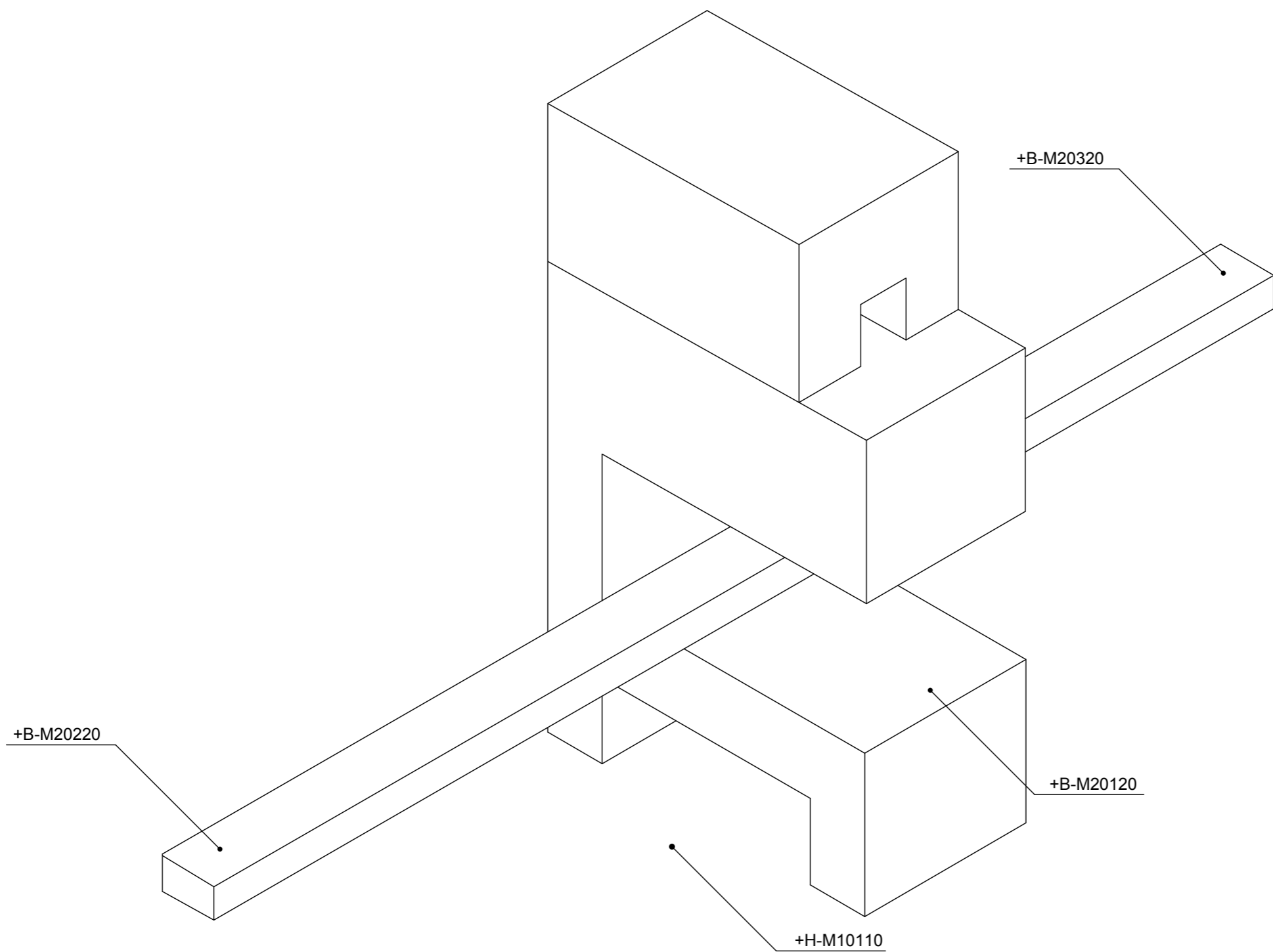


REVISION NR.	DATE	NAME	NORM



RIEPILOGO ASSI ELETTRICI  
ELECTRIC AXIS SUMMARY

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 980	SUBS. 982
<b>SKIPPER_100</b>	SERIAL NUMBER 22127	DIAGRAM 22127 - 01	PAGE 981



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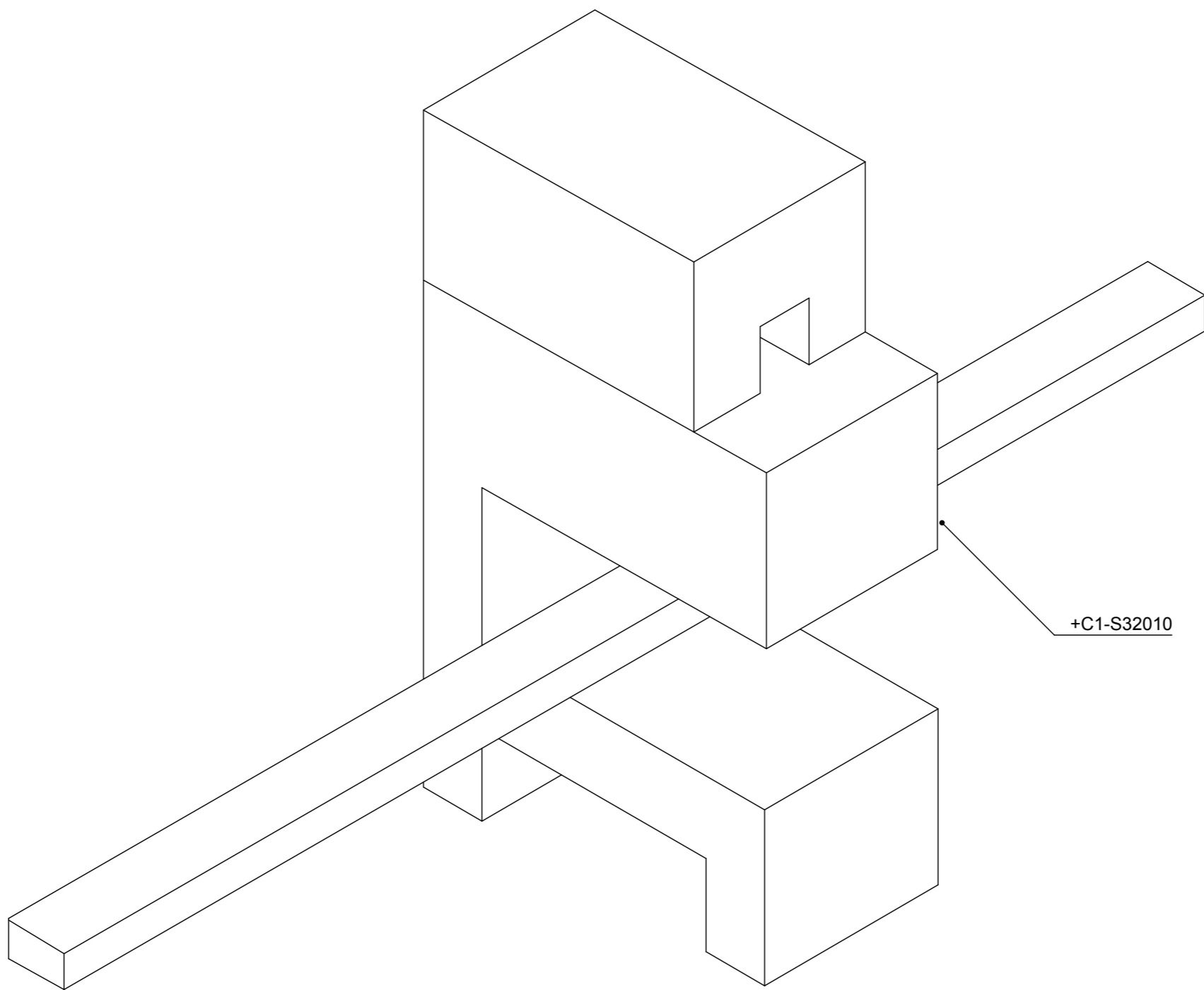


RIEPILOGO MOTORI  
MOTORS SUMMARY

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 981	SUBS. 983
SKIPPER 100	SERIAL NUMBER 22127	DIAGRAM 22127 - 01	PAGE 982

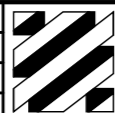


+H-S8030



+C1-S32010

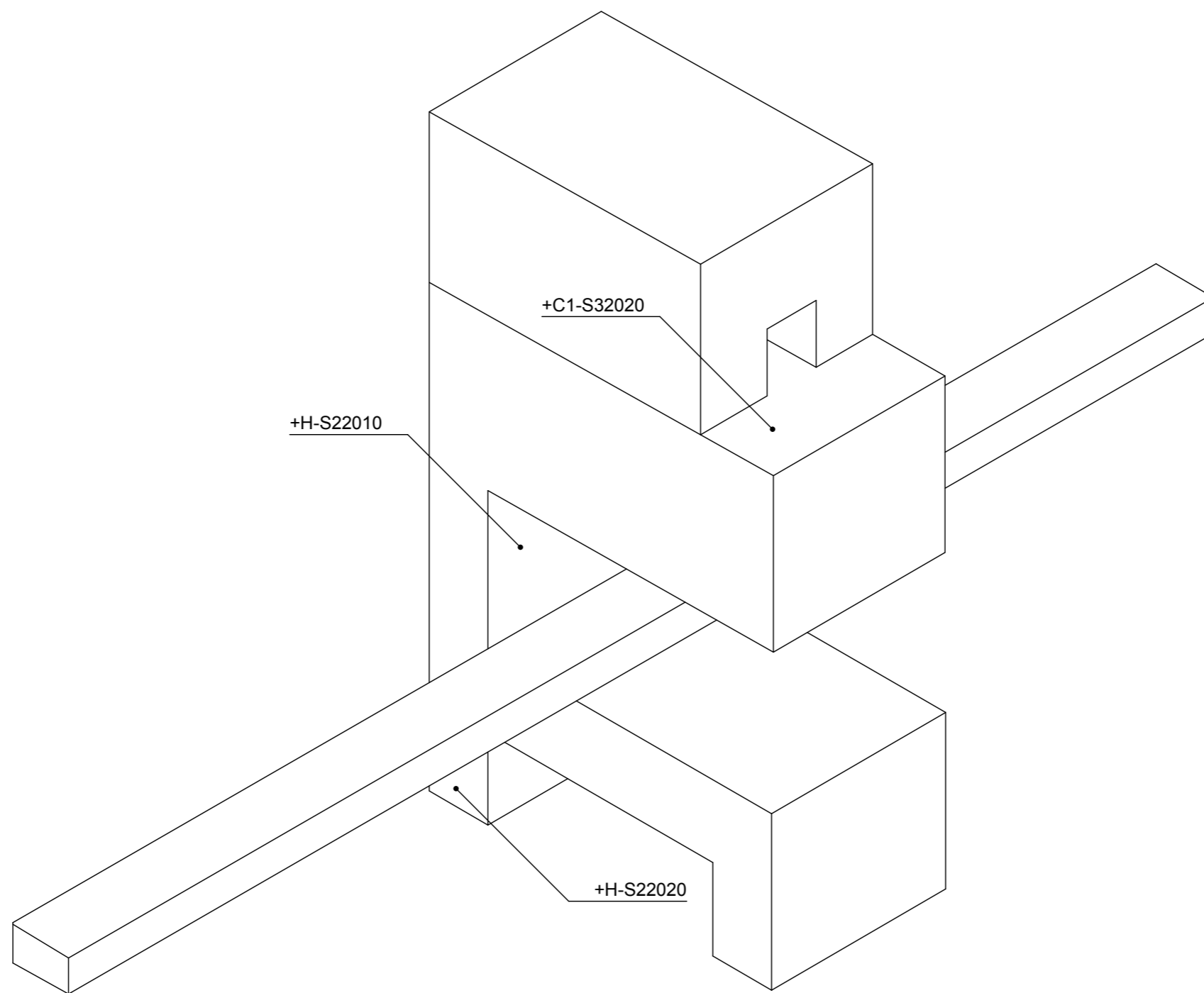
			MODIF.	07/12/2007
			PROC.	GGraziosi
			CHECK	
REVISION NR.	DATE	NAME	NORM	



**BIESSE**

RIEPILOGO CARTER  
HOUSING SUMMARY

CUSTOMER		PREV.	SUBS.
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		982	984
SKIPPER_100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	983

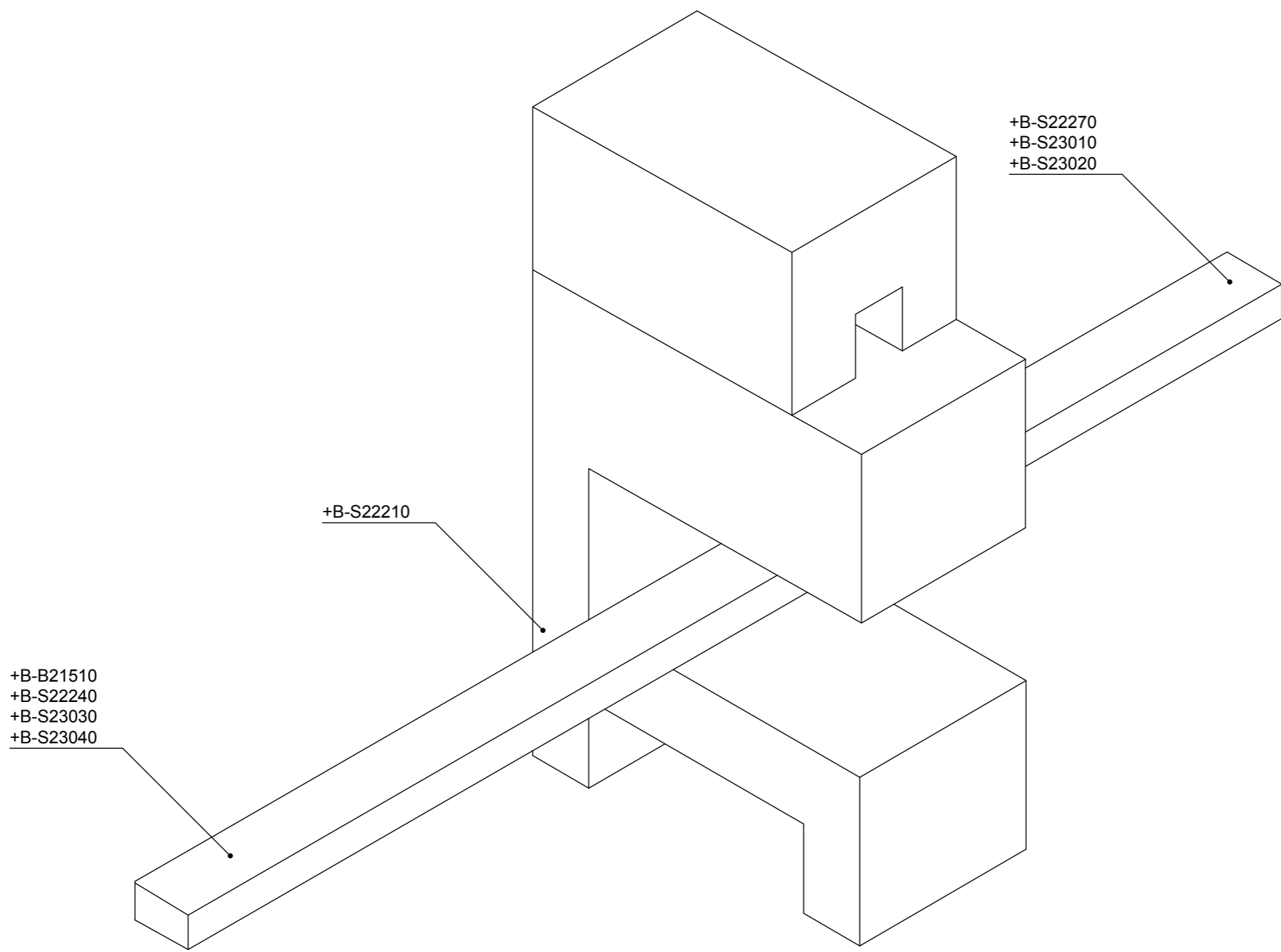


			MODIF.	07/12/2007
			PROC.	GGraziosi
			CHECK	
REVISION NR.	DATE	NAME	NORM	



RIEPILOGO LUBRIFICAZIONE E ARIA  
LUBRICATION AND AIR SUMMARY

CUSTOMER		PREV.	SUBS.
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		983	985
SKIPPER_100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	984

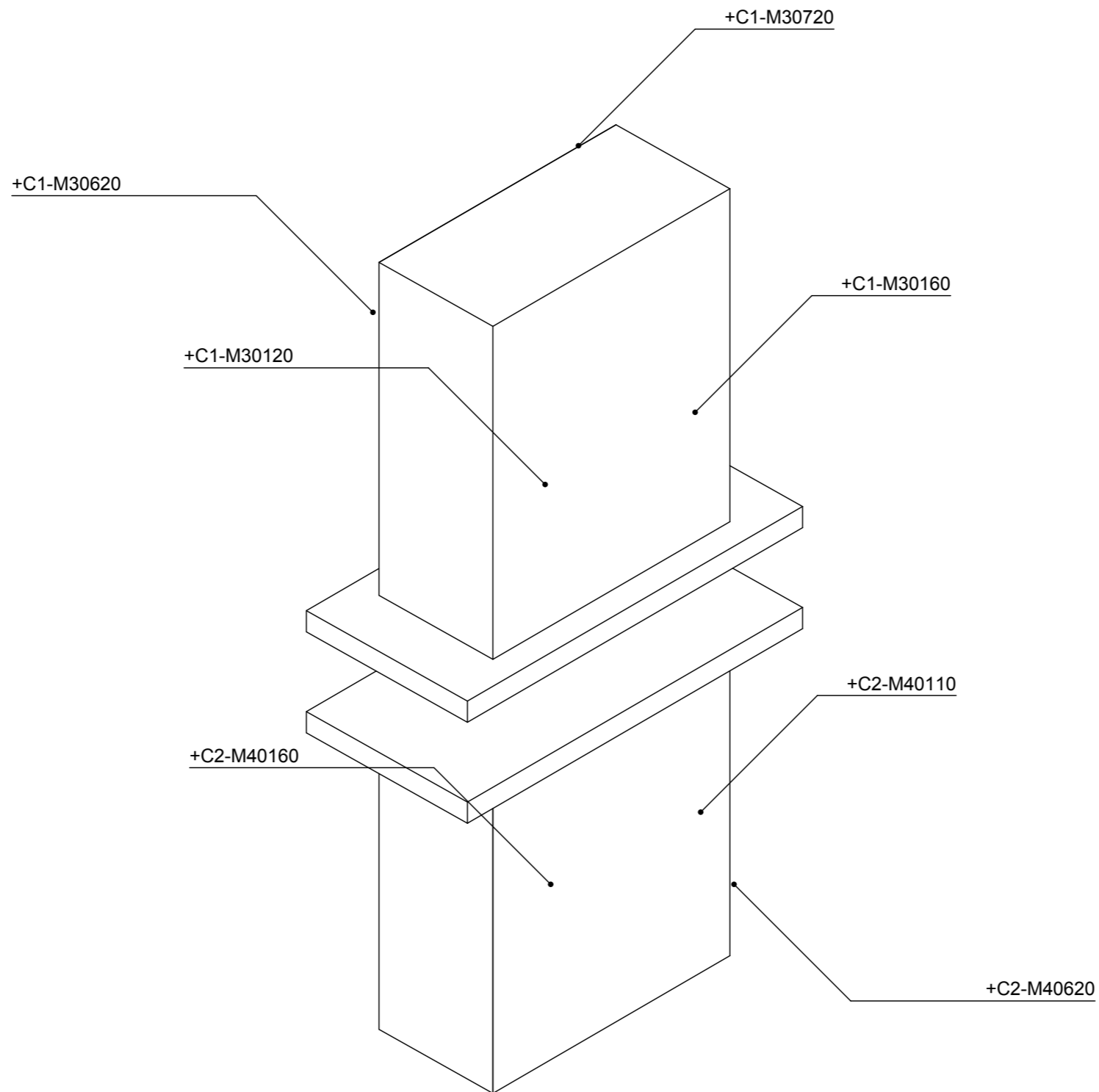
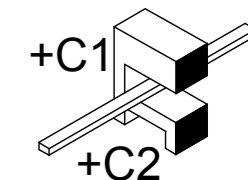


REVISION NR.	DATE	NAME	NORM



RIEPILOGO FINECORSA E SENSORI  
LIMIT SWITCH AND SENSORS SUMMARY

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 984	SUBS. 986
<b>SKIPPER 100</b>	SERIAL NUMBER 22127	DIAGRAM 22127 - 01	PAGE 985

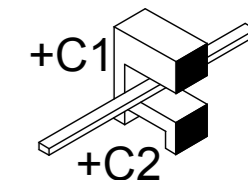


REVISION NR.	DATE	NAME	NORM



RIEPILOGO MOTORI TESTE  
HEAD MOTORS SUMMARY

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 985	SUBS. 987
SKIPPER_100	SERIAL NUMBER 22127	DIAGRAM 22127 - 01	PAGE 986



+C1-S32040

+C1-S32070

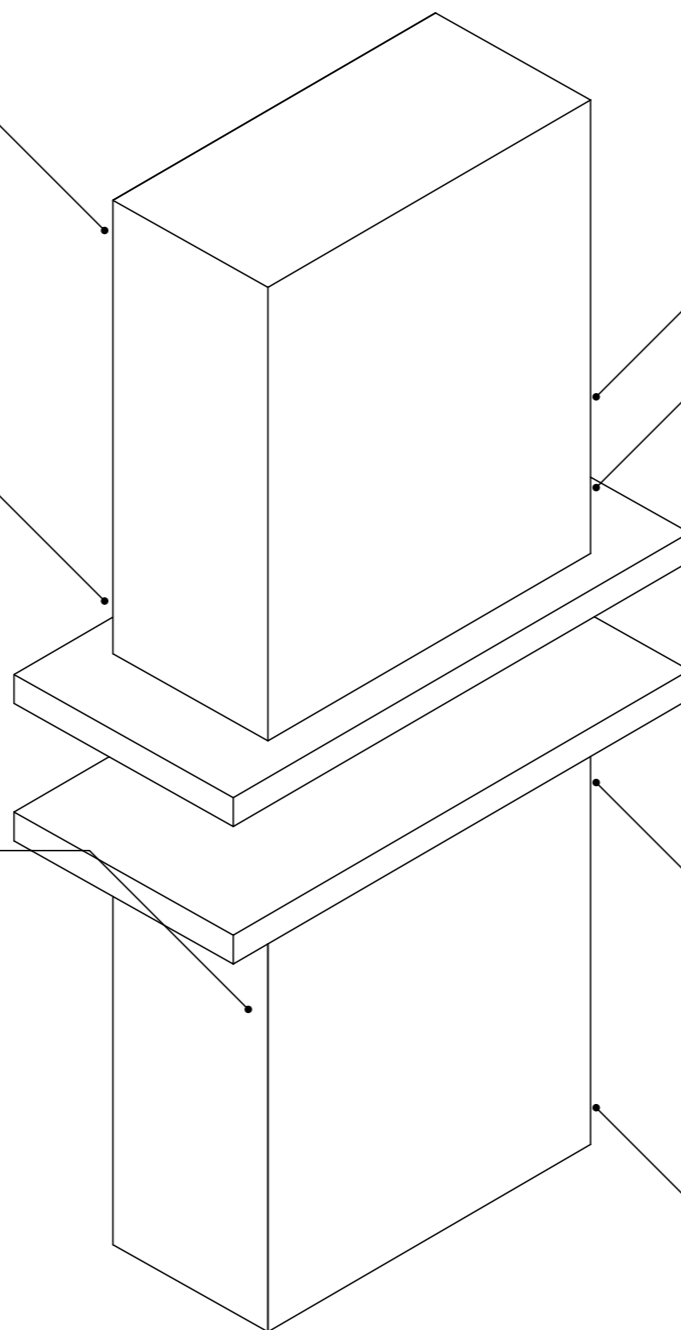
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+C1-S33570  
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+C2-S43560

+C2-S42010

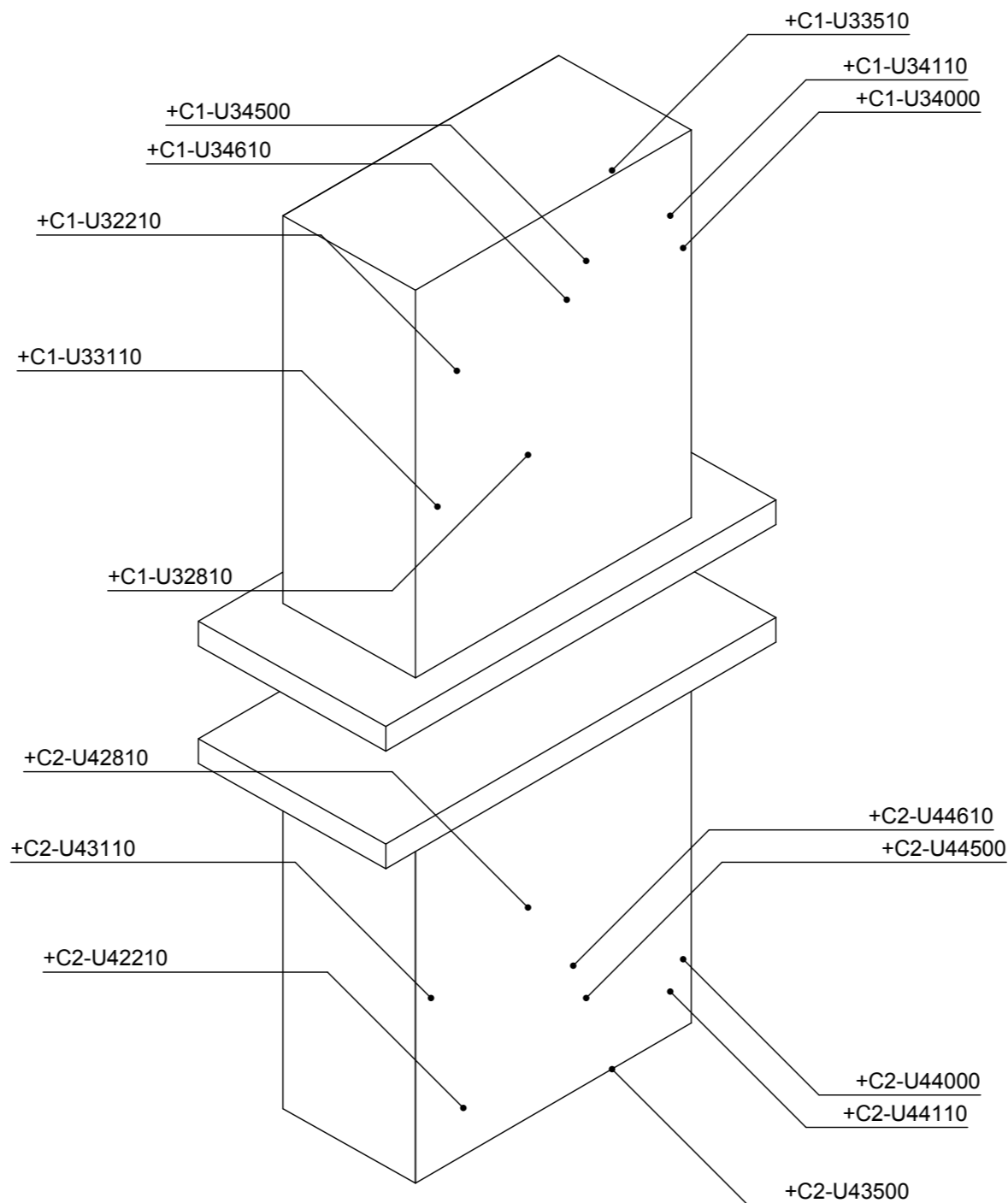
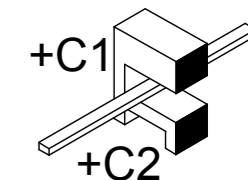


REVISION NR.	DATE	NAME	NORM



RIEPILOGO FINECORSA E SENSORI TESTE  
HEAD LIMIT SWITCH AND SENSORS SUMMARY

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 986	SUBS. 988
SKIPPER_100	SERIAL NUMBER 22127	DIAGRAM 22127 - 01	PAGE 987



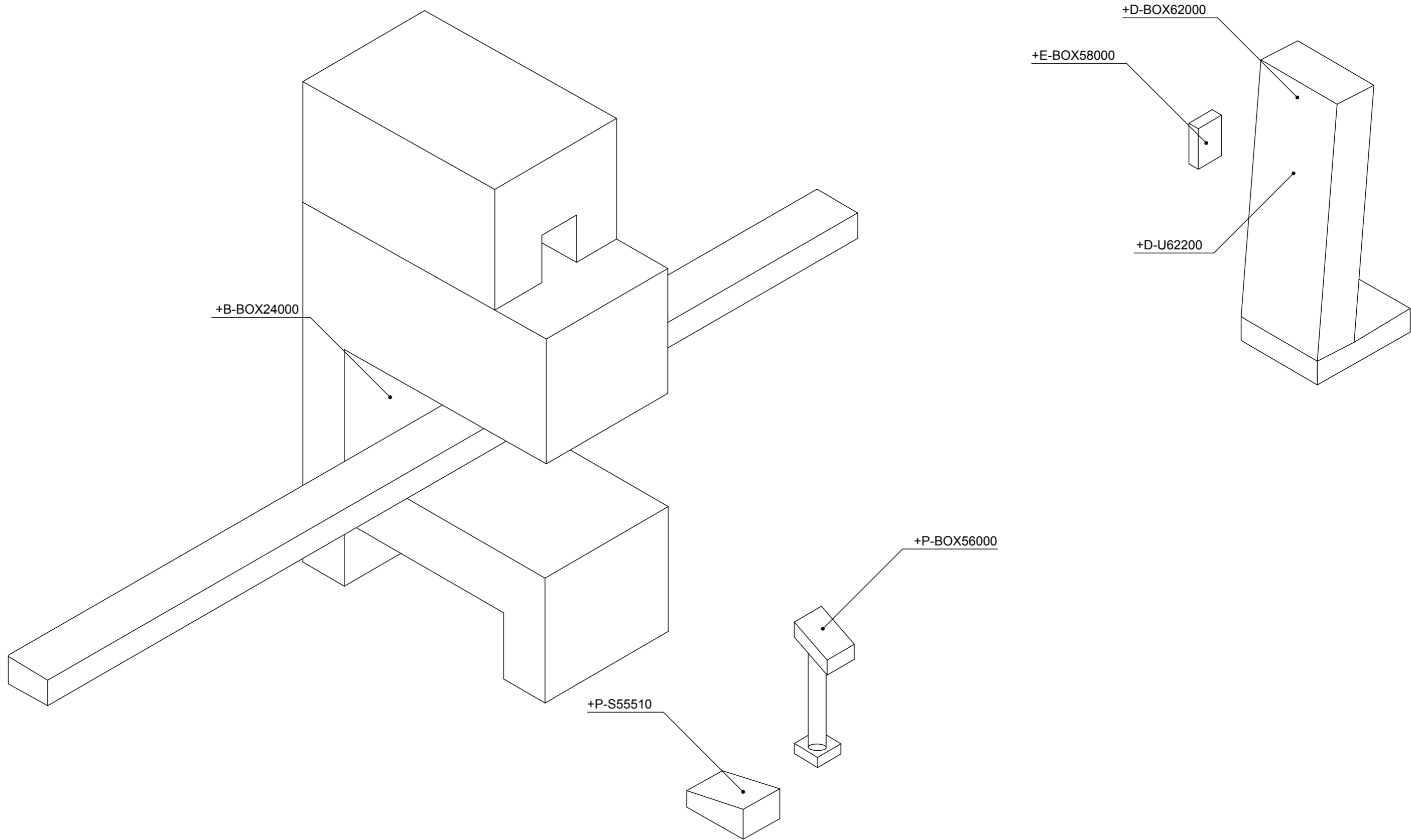
REVISION NR.	DATE	NAME	NORM



RIEPILOGO BOX TESTE  
HEAD BOX SUMMARY

CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	SUBS.
		987	989
SKIPPER_100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	988

0 1 2 3 4 5 6 7 8 9



REVISION NR.	DATE	NAME	NORM

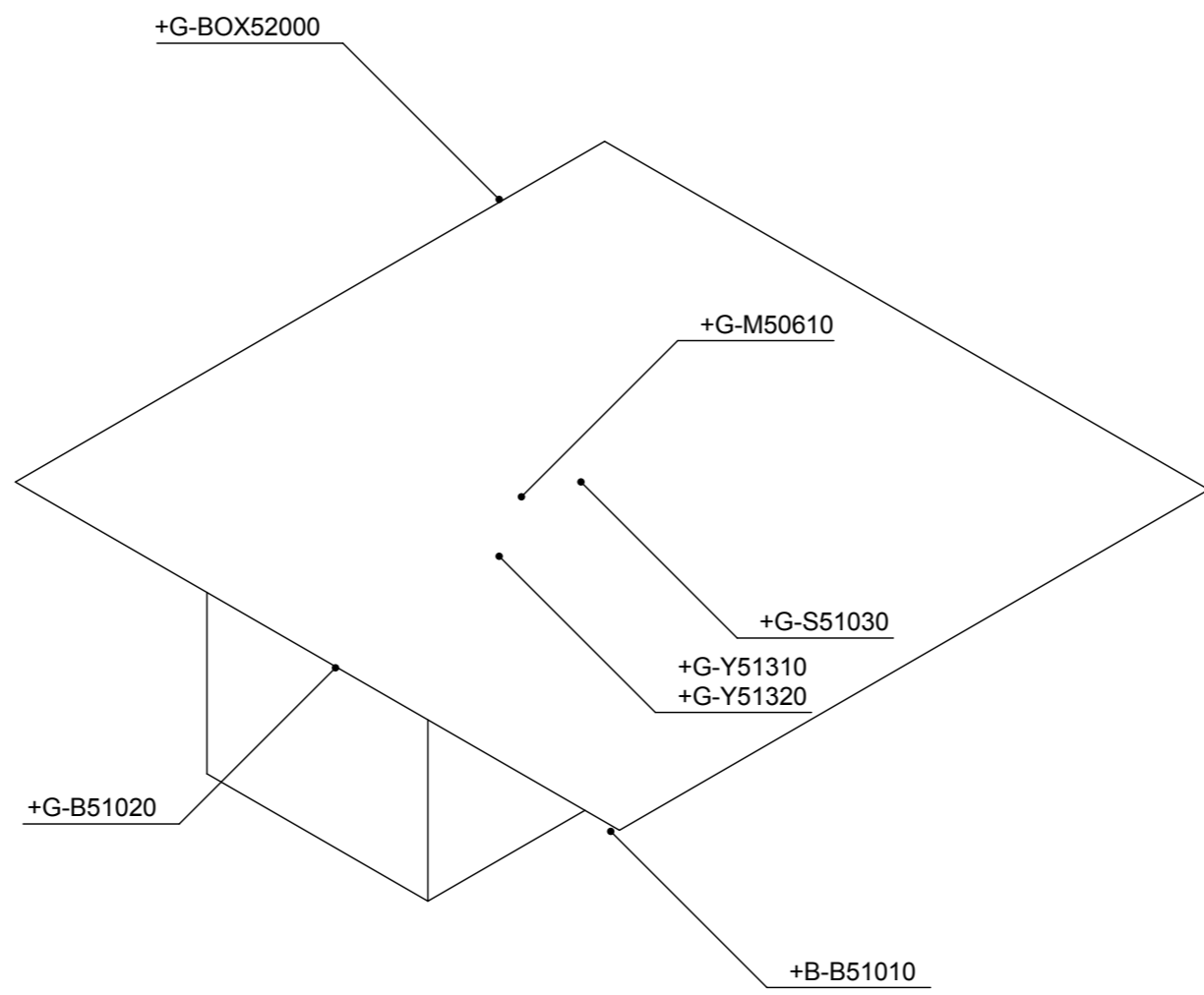
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RIEPILOGO BOX  
BOX SUMMARY

CUSTOMER		PREV.	SUBS.
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		988	991
SKIPPER_100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	989



REVISION NR.	DATE	NAME	NORM

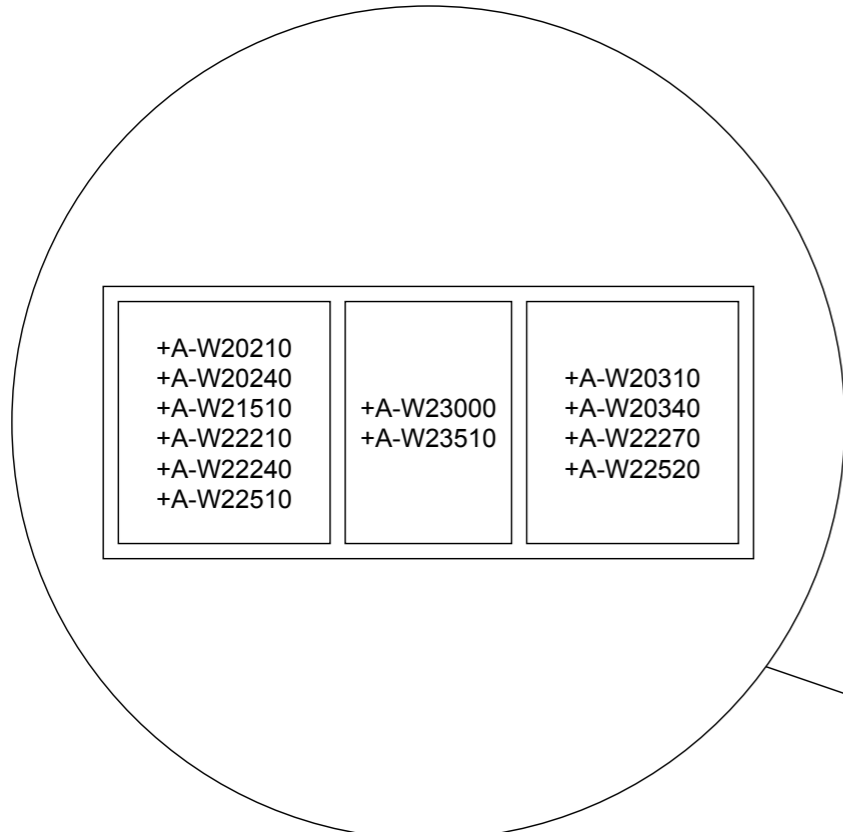


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UNLOADING TRANSFER SUMMARY

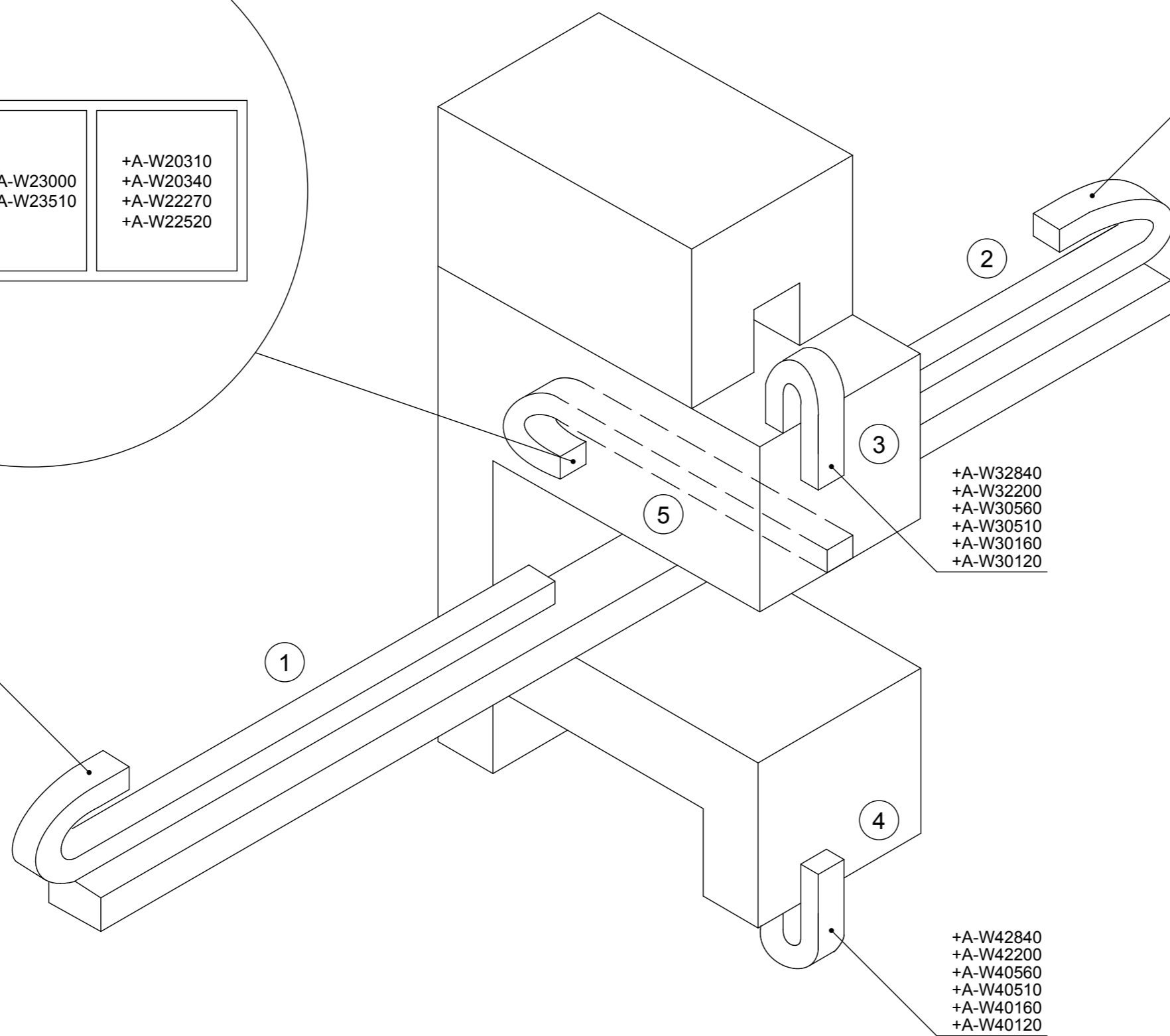
CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 989	SUBS. 992
<b>SKIPPER 100</b>	SERIAL NUMBER 22127	DIAGRAM 22127 - 01	PAGE 991



0 1 2 3 4 5 6 7 8 9



+A-W23041  
+A-W23031  
+A-W22240  
+A-W20240  
+A-W20210  
+A-W21510



+A-W23021  
+A-W23011  
+A-W22270  
+A-W20340  
+A-W20310

+A-W32840  
+A-W32200  
+A-W30560  
+A-W30510  
+A-W30160  
+A-W30120

+A-W42840  
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+A-W40120

REVISION NR.	DATE	NAME	NORM

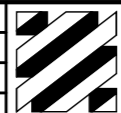


RIEPILOGO CATENE  
CHAINS SUMMARY

CUSTOMER		PREV.	SUBS.
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		991	5000
SKIPPER 100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	992

SHEET <b>+A-U90220</b>		ADJUSTMENT CH1-1					CODE P260	
TYPE	ADDRESS	PAGE	PIN	CABLE	COND.	COLOR	FUNCTION	
Digital output	O.0	/70.01	J2.1		O.0	BU	PLC OK PLC OK	
Digital output	O.1	/551.05	J2.3		O.1	BU	START INIZIO CICLO CYCLE START	
Digital output	O.2	/551.07	J2.5		55170	BU	HOLD HOLD	
Digital output	O.3	/85.02	J2.7		O.3	BU	ABILITAZIONE ASSI ENABLE AXES	
Digital output	O.4		J2.9				ABILITAZIONE INVERTER SLOT 1 ENABLE SLOT 1 INVERTER	
Digital output	O.5		J2.11				MARCIA ELETTRIMANDRINO 1	
Digital output	O.6		J2.13				MARCIA LAMA 1	
Digital output	O.7		J2.15				ABILITAZIONE INVERTER SLOT 2 ENABLE SLOT 2 INVERTER	
Digital output	O.8		J1.1				MARCIA ELETTRIMANDRINO 2	
Digital output	O.9		J1.3				MARCIA LAMA 2	
Digital output	O.10	/310.01	J1.5		O.10	BU	MARCIA MANDRINI 1 SPINDLES 1 ON	
Digital output	O.11	/410.01	J1.7		O.11 O.11	BU BU	MARCIA MANDRINI 2 SPINDLES 2 ON	
Digital output	O.12	/225.01	J1.9		O.12	BU	ALTA PRESSIONE PINZA SINISTRA LEFT COLLET HIGH PRESSURE	
Digital output	O.13	/225.02	J1.11		O.13	BU	ALTA PRESSIONE PINZA DESTRA RIGHT COLLET HIGH PRESSURE	
Digital output	O.14		J1.13					
Digital output	O.15		J1.15					
Digital input	I.0	/70.03	J3.1		7030	BU	DISPOSITIVO DI SICUREZZA INSERITO SAFETY DEVICE ON	
Digital input	I.1	/551.04	J3.2		I.1	BU	START INIZIO CICLO CYCLE START	

MODIF.	07/12/2007		
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REVISION NR.	DATE	NAME	NORM



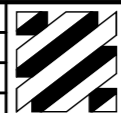
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I/O LIST: +A-U90220

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 992	SUBS. 5001
<b>SKIPPER 100</b>	SERIAL NUMBER 22127	DIAGRAM 22127 - 01	PAGE 5000

SHEET +A-U90220		ADJUSTMENT CH1-1					CODE P260	
TYPE	ADDRESS	PAGE	PIN	CABLE	COND.	COLOR	FUNCTION	
Digital input	I.2	/551.06	J3.3		55160	BU	HOLD HOLD	
Digital input	I.3	/85.05	J3.4		8540	BU	ATTREZZAGGIO UTENSILE MANDRINI SPINDLE TOOL TOOLING	
Digital input	I.4	/87.01	J3.5		I.6 I.6	BU BU	MANCANZA ARIA AIR LACKING	
Digital input	I.5	/87.02	J3.6		I.6 I.6	BU	INVERTER SLOT SUPERIORE OK TOP SLOT INVERTER OK	
Digital input	I.6	/87.03	J3.7		I.6		INVERTER SLOT INFERIORE OK BOTTOM SLOT INVERTER OK	
Digital input	I.7	/83.05	J3.8		I.7	BU	SERIE TERMICHE OK THERMAL CUTOUT SERIES OK	
Digital input	I.8		J3.9				SENSORE TERMICO DELLO SLOT 1 SLOT 1 HEAT SENSOR	
Digital input	I.9		J3.10				SENSORE TERMICO DELLO SLOT 2 SLOT 2 HEAT SENSOR	
Digital input	I.10		J3.11				SLOT 1 FERMO SLOT 1 STOPPED	
Digital input	I.11		J3.12				SLOT 2 FERMO SLOT 2 STOPPED	
Digital input	I.12	/75.01	J3.13		I.12	BU	TAPPETO OCCUPATO CONTACT MAT OCCUPIED	
Digital input	I.13	/651.01	J3.14		I.13	BU	PANNELLO DEPOSITATO	
Digital input	I.14	/651.02	J3.15		I.14	BU	PANNELLO PRELEVATO	
Digital input	I.15	/82.03	J3.16		I.15	BU	SERIE RESISTENZE OK RESISTOR GROUP OK	

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REVISION NR.	DATE	NAME	NORM



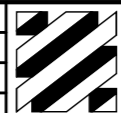
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I/O LIST: +A-U90220

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 5000	SUBS. 5002
SKIPPER 100	SERIAL NUMBER 22127	DIAGRAM 22127 - 01	PAGE 5001

SHEET <b>+A-U90420</b>		ADJUSTMENT CH1-2					CODE P260	
TYPE	ADDRESS	PAGE	PIN	CABLE	COND.	COLOR	FUNCTION	
Digital output	O.16	/90.01	J2.1		O.16	BU	LAVORO WORKING	
Digital output	O.17	/90.02	J2.3		O.17	BU	EMERGENZA EMERGENCY	
Digital output	O.18	/90.03	J2.5		O.18	BU	ERRORE ERROR	
Digital output	O.19	/104.01	J2.7		O.19	BU	MARCIA COMPRESSORE VELO D'ARIA	
Digital output	O.20		J2.9				ABILITAZIONE ASSI TRANSFER ENABLE TRANSFER AXES	
Digital output	O.21		J2.11					
Digital output	O.22	/655.01	J2.13		O.22	OG	PEZZO INCOMPLETO PIECE NOT FINISHED	
Digital output	O.23	/655.03	J2.15		O.23	OG	SCARICO LENTO SLOW UNLOAD	
Digital output	O.24	/655.05	J1.1		O.24	OG	CONSENSO CARICO A MONTE ENABLE UPSTREAM LOADING	
Digital output	O.25	/655.07	J1.3		O.25	OG	CONSENSO CARICO A MONTE LENTO ENABLE SLOW UPSTREAM LOADING	
Digital output	O.26		J1.5					
Digital output	O.27		J1.7					
Digital output	O.28		J1.9					
Digital output	O.29		J1.11					
Digital output	O.30		J1.13					
Digital output	O.31		J1.15					
Digital input	I.16	/576.02	J3.1	+A-W57640	I.16	BN	OVERRIDE REMOTO (BIT 0 ) REMOTE OVERRIDE (BIT 0 )	
Digital input	I.17	/576.03	J3.2	+A-W57640	I.17	GN	OVERRIDE REMOTO (BIT 1 ) REMOTE OVERRIDE (BIT 1 )	

MODIF.	07/12/2007		
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REVISION NR.	DATE	NAME	NORM



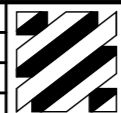
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I/O LIST: +A-U90420

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 5001	SUBS. 5003
<b>SKIPPER 100</b>	SERIAL NUMBER 22127	DIAGRAM 22127 - 01	PAGE 5002

SHEET +A-U90420		ADJUSTMENT CH1-2					CODE P260	
TYPE	ADDRESS	PAGE	PIN	CABLE	COND.	COLOR	FUNCTION	
Digital input	I.18	/576.04	J3.3	+A-W57640	I.18	BK	OVERRIDE REMOTO (BIT 2 ) REMOTE OVERRIDE (BIT 2 )	
Digital input	I.19	/576.05	J3.4	+A-W57640	I.19	OG	OVERRIDE REMOTO (BIT 3 ) REMOTE OVERRIDE (BIT 3 )	
Digital input	I.20		J3.5					
Digital input	I.21	/80.07	J3.6		8070	BU	CIRCUITO DI EMERGENZA OK EMERGENCY CIRCUIT OK	
Digital input	I.22	/555.01	J3.7		I.22	BU	APERTURA CHIUSURA PINZE COLLETS OPEN CLOSED	
Digital input	I.23	/320.02	J3.8		I.23	BU	CIRCUITO DI LUBRIFICAZIONE OSTRUITO LUBRICATION CIRCUIT BLOCKED	
Digital input	I.24	/87.04	J3.9		I.24	BU	LIVELLO MINIMO GRASSO GREASE MINIMUM LEVEL	
Digital input	I.25		J3.10				DISPOSITIVO SICUREZZA TRANSFER INSERITO	
Digital input	I.26	/320.01	J3.11		I.26	BU	PROTEZIONE CHIUSA GUARD CLOSED	
Digital input	I.27		J3.12				SENSORE TERMICO LAMA 1	
Digital input	I.28		J3.13				SENSORE TERMICO LAMA 2	
Digital input	I.29		J3.14					
Digital input	I.30		J3.15					
Digital input	I.31		J3.16					

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REVISION NR.	DATE
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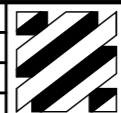
CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 5002	SUBS. 5004
SKIPPER 100	SERIAL NUMBER 22127	DIAGRAM 22127 - 01	PAGE 5003





SHEET		ADJUSTMENT					CODE	
+C1-U32810		CH3-0					PM40;CE305;PM40;PM41	
TYPE	ADDRESS	PAGE	PIN	CABLE	COND.	COLOR	FUNCTION	
Digital output	O.48	/328.02					ESTRAZIONE MANDRINO 42 TESTA SUPERIORE EXTRACT TOP HEAD SPINDLE 42	
Digital output	O.49	/328.01					ESTRAZIONE MANDRINO 43 TESTA SUPERIORE EXTRACT TOP HEAD SPINDLE 43	
Digital output	O.50	/327.08					ESTRAZIONE MANDRINO 44 TESTA SUPERIORE EXTRACT TOP HEAD SPINDLE 44	
Digital output	O.51	/327.07					ESTRAZIONE MANDRINO 45 TESTA SUPERIORE EXTRACT TOP HEAD SPINDLE 45	
Digital output	O.52	/327.06					ESTRAZIONE MANDRINO 46 TESTA SUPERIORE EXTRACT TOP HEAD SPINDLE 46	
Digital output	O.53	/327.05					ESTRAZIONE MANDRINO 47 TESTA INFERIORE EXTRACT BOTTOM HEAD SPINDLE 47	
Digital output	O.54	/327.04					ESTRAZIONE MANDRINO 48 TESTA SUPERIORE EXTRACT TOP HEAD SPINDLE 48	
Digital output	O.55	/327.03					ESTRAZIONE MANDRINO 49 TESTA SUPERIORE EXTRACT TOP HEAD SPINDLE 49	
Digital output	O.56	/328.03					ESTRAZIONE MANDRINO 41 TESTA SUPERIORE EXTRACT TOP HEAD SPINDLE 41	
Digital output	O.57	/328.04					ESTRAZIONE MANDRINO 40 TESTA SUPERIORE EXTRACT TOP HEAD SPINDLE 40	
Digital output	O.58	/328.05					ESTRAZIONE MANDRINO 39 TESTA SUPERIORE EXTRACT TOP HEAD SPINDLE 39	
Digital output	O.59	/328.06					ESTRAZIONE MANDRINO 38 TESTA SUPERIORE EXTRACT TOP HEAD SPINDLE 38	
Digital output	O.60	/328.07					ESTRAZIONE MANDRINO 37 TESTA SUPERIORE EXTRACT TOP HEAD SPINDLE 37	
Digital output	O.62	/327.01					ESTRAZIONE MANDRINO 51 TESTA SUPERIORE EXTRACT TOP HEAD SPINDLE 51	
Digital output	O.63	/327.02					ESTRAZIONE MANDRINO 50 TESTA SUPERIORE EXTRACT TOP HEAD SPINDLE 50	

MODIF.	07/12/2007		
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REVISION NR.	DATE	NAME	NORM




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I/O LIST: +C1-U32810

CUSTOMER		PREV.	SUBS.
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		5005	5007
SKIPPER 100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	5006



SHEET		ADJUSTMENT					CODE	
<b>+C1-U33110</b>		CH3-1					PM40;PM41;CE305;PM40	
TYPE	ADDRESS	PAGE	PIN	CABLE	COND.	COLOR	FUNCTION	
Digital output	O.64	/331.02					ESTRAZIONE MANDRINO 35 TESTA SUPERIORE EXTRACT TOP HEAD SPINDLE 35	
Digital output	O.65	/331.01					ESTRAZIONE MANDRINO 36 TESTA SUPERIORE EXTRACT TOP HEAD SPINDLE 36	
Digital output	O.66	/330.07					ESTRAZIONE MANDRINO 52 TESTA SUPERIORE EXTRACT TOP HEAD SPINDLE 52	
Digital output	O.67	/330.06					ESTRAZIONE MANDRINO 58 TESTA SUPERIORE EXTRACT TOP HEAD SPINDLE 58	
Digital output	O.68	/330.05					ESTRAZIONE MANDRINO 57 TESTA SUPERIORE EXTRACT TOP HEAD SPINDLE 57	
Digital output	O.69	/330.04					ESTRAZIONE MANDRINO 56 TESTA SUPERIORE EXTRACT TOP HEAD SPINDLE 56	
Digital output	O.70	/330.03					ESTRAZIONE MANDRINO 55 TESTA SUPERIORE EXTRACT TOP HEAD SPINDLE 55	
Digital output	O.71	/330.02					ESTRAZIONE MANDRINO 54 TESTA SUPERIORE EXTRACT TOP HEAD SPINDLE 54	
Digital output	O.72	/331.03					ESTRAZIONE MANDRINO 34 TESTA SUPERIORE EXTRACT TOP HEAD SPINDLE 34	
Digital output	O.73	/331.04					ESTRAZIONE MANDRINO 33 TESTA SUPERIORE EXTRACT TOP HEAD SPINDLE 33	
Digital output	O.74	/331.05					ESTRAZIONE MANDRINO 32 TESTA SUPERIORE EXTRACT TOP HEAD SPINDLE 32	
Digital output	O.75	/331.06					ESTRAZIONE MANDRINO 31 TESTA SUPERIORE EXTRACT TOP HEAD SPINDLE 31	
Digital output	O.76	/331.07					ESTRAZIONE MANDRINO 30 TESTA SUPERIORE EXTRACT TOP HEAD SPINDLE 30	
Digital output	O.79	/330.01					ESTRAZIONE MANDRINO 53 TESTA SUPERIORE EXTRACT TOP HEAD SPINDLE 53	

MODIF.	07/12/2007		<b>BIESSE</b>
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REVISION NR.	DATE	NAME	

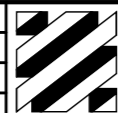
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CUSTOMER		PREV.	SUBS.
TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		5006	5008
SKIPPER 100	SERIAL NUMBER	DIAGRAM	PAGE
	22127	22127 - 01	5007



SHEET <b>+C1-U34110</b>		ADJUSTMENT CH3-3					CODE PM57	
TYPE	ADDRESS	PAGE	PIN	CABLE	COND.	COLOR	FUNCTION	
Digital output	O.80	/341.02					MANDRINO ORIZZONTALE 1 FUORI HORIZONTAL SPINDLE 1 OUT	
Digital output	O.81	/341.03					MANDRINO ORIZZONTALE 2 FUORI HORIZONTAL SPINDLE 2 OUT	
Digital output	O.82	/341.04					MANDRINO ORIZZONTALE 3 FUORI HORIZONTAL SPINDLE 3 OUT	
Digital output	O.83	/341.05					MANDRINO ORIZZONTALE 4 FUORI HORIZONTAL SPINDLE 4 OUT	
Digital output	O.84	/341.06					MANDRINO ORIZZONTALE 5 FUORI HORIZONTAL SPINDLE 5 OUT	
Digital output	O.85	/341.07					MANDRINO ORIZZONTALE 6 FUORI HORIZONTAL SPINDLE 6 OUT	
Digital output	O.86	/341.08						
Digital output	O.87	/341.09						
Digital output	O.88	/341.02					MANDRINO ORIZZONTALE 1 DENTRO HORIZONTAL SPINDLE 1 IN	
Digital output	O.89	/341.03					MANDRINO ORIZZONTALE 2 DENTRO HORIZONTAL SPINDLE 2 IN	
Digital output	O.90	/341.04					MANDRINO ORIZZONTALE 3 DENTRO HORIZONTAL SPINDLE 3 IN	
Digital output	O.91	/341.05					MANDRINO ORIZZONTALE 4 DENTRO HORIZONTAL SPINDLE 4 IN	
Digital output	O.92	/341.06					MANDRINO ORIZZONTALE 5 DENTRO HORIZONTAL SPINDLE 5 IN	
Digital output	O.93	/341.07					MANDRINO ORIZZONTALE 6 DENTRO HORIZONTAL SPINDLE 6 IN	
Digital output	O.94	/341.08						
Digital output	O.95	/341.09						

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REVISION NR.	DATE	NAME	NORM



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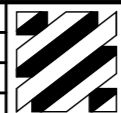
I/O LIST: +C1-U34110

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 5008	SUBS. 5010
<b>SKIPPER 100</b>	SERIAL NUMBER 22127	DIAGRAM 22127 - 01	PAGE 5009



SHEET +C2-U42810		ADJUSTMENT CH4-0					CODE PM40;PM41;CE305;PM40	
TYPE	ADDRESS	PAGE	PIN	CABLE	COND.	COLOR	FUNCTION	
Digital output	O.112	/428.02					ESTRAZIONE MANDRINO 17 TESTA INFERIORE EXTRACT BOTTOM HEAD SPINDLE 17	
Digital output	O.113	/428.01					ESTRAZIONE MANDRINO 16 TESTA INFERIORE EXTRACT BOTTOM HEAD SPINDLE 16	
Digital output	O.114	/427.08					ESTRAZIONE MANDRINO 15 TESTA INFERIORE EXTRACT BOTTOM HEAD SPINDLE 15	
Digital output	O.115	/427.07					ESTRAZIONE MANDRINO 14 TESTA INFERIORE EXTRACT BOTTOM HEAD SPINDLE 14	
Digital output	O.116	/427.06					ESTRAZIONE MANDRINO 13 TESTA INFERIORE EXTRACT BOTTOM HEAD SPINDLE 13	
Digital output	O.117	/427.05					ESTRAZIONE MANDRINO 12 TESTA INFERIORE EXTRACT BOTTOM HEAD SPINDLE 12	
Digital output	O.118	/427.04					ESTRAZIONE MANDRINO 11 TESTA INFERIORE EXTRACT BOTTOM HEAD SPINDLE 11	
Digital output	O.119	/427.03					ESTRAZIONE MANDRINO 10 TESTA INFERIORE EXTRACT BOTTOM HEAD SPINDLE 10	
Digital output	O.120	/428.03					ESTRAZIONE MANDRINO 18 TESTA INFERIORE EXTRACT BOTTOM HEAD SPINDLE 18	
Digital output	O.121	/428.04					ESTRAZIONE MANDRINO 19 TESTA INFERIORE EXTRACT BOTTOM HEAD SPINDLE 19	
Digital output	O.122	/428.05					ESTRAZIONE MANDRINO 20 TESTA INFERIORE EXTRACT BOTTOM HEAD SPINDLE 20	
Digital output	O.123	/428.06					ESTRAZIONE MANDRINO 21 TESTA INFERIORE EXTRACT BOTTOM HEAD SPINDLE 21	
Digital output	O.124	/428.07					ESTRAZIONE MANDRINO 22 TESTA INFERIORE EXTRACT BOTTOM HEAD SPINDLE 22	
Digital output	O.126	/427.01					ESTRAZIONE MANDRINO 8 TESTA INFERIORE EXTRACT BOTTOM HEAD SPINDLE 8	
Digital output	O.127	/427.02					ESTRAZIONE MANDRINO 9 TESTA INFERIORE EXTRACT BOTTOM HEAD SPINDLE 9	

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CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 5010	SUBS. 5012
SKIPPER 100	SERIAL NUMBER 22127	DIAGRAM 22127 - 01	PAGE 5011

SHEET +C2-U43110		ADJUSTMENT CH4-1					CODE PM40;PM41;CE305;PM40	
TYPE	ADDRESS	PAGE	PIN	CABLE	COND.	COLOR	FUNCTION	
Digital output	O.128	/431.02					ESTRAZIONE MANDRINO 29 TESTA INFERIORE EXTRACT BOTTOM HEAD SPINDLE 29	
Digital output	O.129	/431.01					ESTRAZIONE MANDRINO 23 TESTA INFERIORE EXTRACT BOTTOM HEAD SPINDLE 23	
Digital output	O.130	/430.07					ESTRAZIONE MANDRINO 7 TESTA INFERIORE EXTRACT BOTTOM HEAD SPINDLE 7	
Digital output	O.131	/430.06					ESTRAZIONE MANDRINO 6 TESTA INFERIORE EXTRACT BOTTOM HEAD SPINDLE 6	
Digital output	O.132	/430.05					ESTRAZIONE MANDRINO 5 TESTA INFERIORE EXTRACT BOTTOM HEAD SPINDLE 5	
Digital output	O.133	/430.04					ESTRAZIONE MANDRINO 4 TESTA INFERIORE EXTRACT BOTTOM HEAD SPINDLE 4	
Digital output	O.134	/430.03					ESTRAZIONE MANDRINO 3 TESTA INFERIORE EXTRACT BOTTOM HEAD SPINDLE 3	
Digital output	O.135	/430.02					ESTRAZIONE MANDRINO 2 TESTA INFERIORE EXTRACT BOTTOM HEAD SPINDLE 2	
Digital output	O.136	/431.03					ESTRAZIONE MANDRINO 28 TESTA INFERIORE EXTRACT BOTTOM HEAD SPINDLE 28	
Digital output	O.137	/431.04					ESTRAZIONE MANDRINO 27 TESTA INFERIORE EXTRACT BOTTOM HEAD SPINDLE 27	
Digital output	O.138	/431.05					ESTRAZIONE MANDRINO 26 TESTA INFERIORE EXTRACT BOTTOM HEAD SPINDLE 26	
Digital output	O.139	/431.06					ESTRAZIONE MANDRINO 25 TESTA INFERIORE EXTRACT BOTTOM HEAD SPINDLE 25	
Digital output	O.140	/431.07					ESTRAZIONE MANDRINO 24 TESTA INFERIORE EXTRACT BOTTOM HEAD SPINDLE 24	
Digital output	O.143	/430.01					ESTRAZIONE MANDRINO 1 TESTA INFERIORE EXTRACT BOTTOM HEAD SPINDLE 1	

MODIF.	07/12/2007	
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REVISION NR.	DATE	NAME

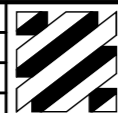
I/O LIST: +C2-U43110

CUSTOMER	TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV.	5011	SUBS.	5013
SKIPPER_100	SERIAL NUMBER	22127	DIAGRAM	22127 - 01	PAGE
					5012



SHEET +C2-U44110		ADJUSTMENT CH4-3					CODE PM57
TYPE	ADDRESS	PAGE	PIN	CABLE	COND.	COLOR	FUNCTION
Digital output	O.144	/441.02					MANDRINO ORIZZONTALE 1 DENTRO HORIZONTAL SPINDLE 1 IN
Digital output	O.145	/441.03					MANDRINO ORIZZONTALE 2 DENTRO HORIZONTAL SPINDLE 2 IN
Digital output	O.146	/441.04					MANDRINO ORIZZONTALE 3 DENTRO HORIZONTAL SPINDLE 3 IN
Digital output	O.147	/441.05					MANDRINO ORIZZONTALE 4 DENTRO HORIZONTAL SPINDLE 4 IN
Digital output	O.148	/441.06					MANDRINO ORIZZONTALE 5 DENTRO HORIZONTAL SPINDLE 5 IN
Digital output	O.149	/441.07					MANDRINO ORIZZONTALE 6 DENTRO HORIZONTAL SPINDLE 6 IN
Digital output	O.150	/441.08					
Digital output	O.151	/441.09					
Digital output	O.152	/441.02					MANDRINO ORIZZONTALE 1 FUORI HORIZONTAL SPINDLE 1 OUT
Digital output	O.153	/441.03					MANDRINO ORIZZONTALE 2 FUORI HORIZONTAL SPINDLE 2 OUT
Digital output	O.154	/441.04					MANDRINO ORIZZONTALE 3 FUORI HORIZONTAL SPINDLE 3 OUT
Digital output	O.155	/441.05					MANDRINO ORIZZONTALE 4 FUORI HORIZONTAL SPINDLE 4 OUT
Digital output	O.156	/441.06					MANDRINO ORIZZONTALE 5 FUORI HORIZONTAL SPINDLE 5 OUT
Digital output	O.157	/441.07					MANDRINO ORIZZONTALE 6 FUORI HORIZONTAL SPINDLE 6 OUT
Digital output	O.158	/441.08					
Digital output	O.159	/441.09					

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REVISION NR.	DATE	NAME	NORM



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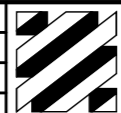
CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 5013	SUBS. 5015
SKIPPER 100	SERIAL NUMBER 22127	DIAGRAM 22127 - 01	PAGE 5014



0	1	2	3	4	5	6	7	8	9	
SHEET <b>+C2-U44610</b>				ADJUSTMENT CH4-0			CODE PM57			
TYPE	ADDRESS	PAGE	PIN	CABLE	COND.	COLOR	FUNCTION			
Digital output	O.160	/446.02					BATTUTA STELO FUORI STOP ROD OUT			
Digital output	O.161	/446.03								
Digital output	O.162	/446.04					PIANO AUSILIARIO STELO FUORI AUXILIARY TABLE ROD OUT			
Digital output	O.163	/446.05					VELO ARIA INFERIORE PRINCIPALE MAIN BOTTOM AIR JET			
Digital output	O.168	/446.02								
Digital output	O.169	/446.03								
Digital output	O.170	/446.04								
Digital output	O.171	/446.05					VELO ARIA INFERIORE SECONDARIO SECONDARY BOTTOM AIR JET			

SHEET <b>+G-U51620</b>		ADJUSTMENT CH2-4					CODE P260	
TYPE	ADDRESS	PAGE	PIN	CABLE	COND.	COLOR	FUNCTION	
Digital output	O.192	/513.01	J2.1		O.192	BU	SALITA CINGHIE 1 BELTS 1 LIFTING	
Digital output	O.193	/513.02	J2.3		O.193	BU	SOFFIO BLOWER	
Digital output	O.194	/506.04	J2.5		O.194	BU	TRASPORTATORE 1 AVANTI CONVEYOR 1 FORWARDS	
Digital output	O.195	/506.05	J2.7		O.195	BU	INDIETRO TRASPORTATORE 1 CONVEYOR 1 BACK	
Digital output	O.196	/506.06	J2.9		O.196	BU	VELOCITA' ALTA TRASPORTATORE 1 CONVEYOR HIGH SPEED 1	
Digital output	O.197		J2.11					
Digital output	O.198		J2.13					
Digital output	O.199		J2.15					
Digital output	O.200		J1.1					
Digital output	O.201		J1.3					
Digital output	O.202		J1.5					
Digital output	O.203		J1.7					
Digital output	O.204		J1.9					
Digital output	O.205		J1.11					
Digital output	O.206		J1.13					
Digital output	O.207		J1.15					
Digital input	I.72	/510.01	J3.1		I.72	BU	PRESENZA PANNELLO PANEL PRESENT	
Digital input	I.73	/510.02	J3.2		I.73	BU	BANCO LIBERO CONVEYOR FREE	

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CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO		PREV. 5015	SUBS. 5017
<b>SKIPPER 100</b>	SERIAL NUMBER 22127	DIAGRAM 22127 - 01	PAGE 5016

SHEET <b>+G-U51620</b>		ADJUSTMENT CH2-4					CODE P260	
TYPE	ADDRESS	PAGE	PIN	CABLE	COND.	COLOR	FUNCTION	
Digital input	I.74	/510.03	J3.3		I.74	BU	CINGHIE ALTE BELTS UP	
Digital input	I.75	/506.03	J3.4		I.75	BU	INVERTER OK INVERTER OK	
Digital input	I.76		J3.5					
Digital input	I.77		J3.6					
Digital input	I.78		J3.7					
Digital input	I.79		J3.8					
Digital input	I.80		J3.9					
Digital input	I.81		J3.10					
Digital input	I.82		J3.11					
Digital input	I.83		J3.12					
Digital input	I.84		J3.13					
Digital input	I.85		J3.14					
Digital input	I.86		J3.15					
Digital input	I.87		J3.16					

REVISION NR.	DATE	NAME	NORM



I/O LIST: +G-U51620

CUSTOMER TECNOCOM SRL SOCIETA' UNIPERSONALE A SOCIO UNICO	PREV. 5016	SUBS.
<b>SKIPPER 100</b>	SERIAL NUMBER 22127	DIAGRAM 22127 - 01
	PAGE 5017	