

Hinweise zum Stromlaufplan

Gezeichnete Schalterstellungen:

Betriebsarten schalter	Keine Bereichs-Taste gedrückt
Speichereinheit	S 006 gedrückt

Die angegebenen Spannungswerte ohne Klammer sind ohne Signal, die angegebenen Spannungswerte mit Klammer sind mit Nennleistung, mit einem Instrument $R_i \geq 50 \text{ Kohm/V}$ bei Netzspannung 220V und bei einer Umgebungstemperatur von 25°C zu messen.

Spannungsangaben ohne Bezugslinie sind gegen Masse zu messen. Die angegebenen Spannungen können um $\pm 15\%$ abweichen.

Die Anfänge der Spulenwicklungen sind im Stromlaufplan mit einem Punkt versehen.

Frequenzbereiche:

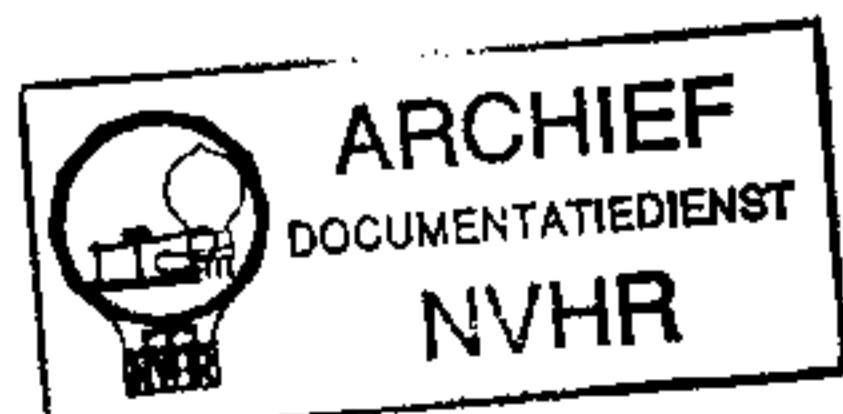
FM 87,5 ... 104 MHz	FM/ZF: 10,7 MHz
KW 5,9 ... 6,2 MHz	AM/ZF: 455 KHz
MW 510 ... 1610 KHz	
LW 145 ... 285 KHz	

Oszillatorspannungen:

FM 100 ... 130 mV	am Emitter T 102	} Meß- punkt 2
KW 20 ... 30 mV	am Emitter T 201	
MW 90 ... 120 mV	am Emitter T 201	} Meß- punkt 5
LW 40 ... 60 mV	am Emitter T 201	

gemessen mit UHF-Millivoltmeter URV
Rhode & Schwarz.

Ned. Ver. v. Historie v/d Radio



Notes on Circuit Diagram

Switches are shown in the following positions:

Function selector:	no function button depressed
FM pushbutton tuner:	S 006 depressed

Voltages not in parentheses are without signal.

Voltages in parentheses are measured with rated output.

Voltages are measured with a 50 Kohm/volt meter, with 220 V mains voltage, and at 25°C (77°F) ambient temperature.

Unless otherwise indicated by reference lines, voltages are measured with respect to chassis. Voltages may vary $\pm 15\%$.

Coils are shown with start of winding indicated by a dot.

Tuning range:

FM 87.5 ... 104 MHz	FM IF: 10.7 MHz
SW 5.9 ... 6.2 MHz	AM IF: 455 KHz
AM 510 ... 1610 KHz	
LW 145 ... 285 KHz	

Local oscillator voltages:

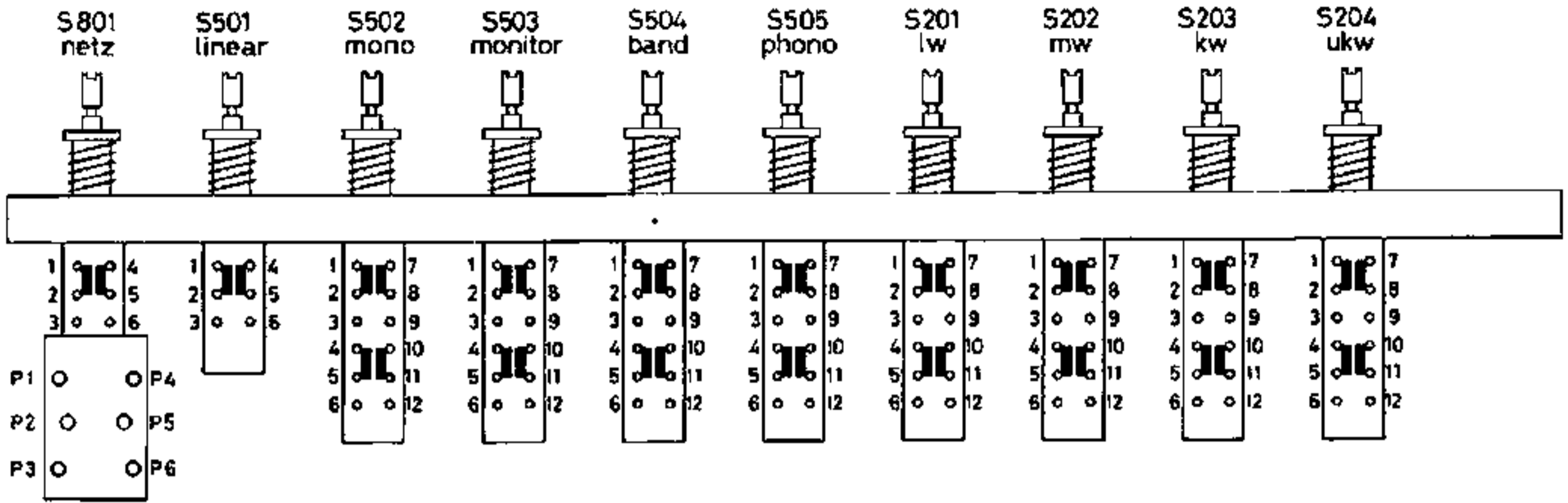
FM 100 ... 130 mV	} at emitter of T102	Test point 2
SW 20 ... 30 mV		
AM 90 ... 120 mV	} at emitter of T201	Test point 5
LW 40 ... 60 mV		

measured with Rhode & Schwarz UHF Millivoltmeter, type URV.

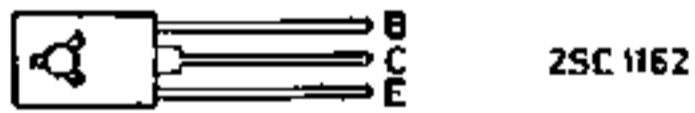
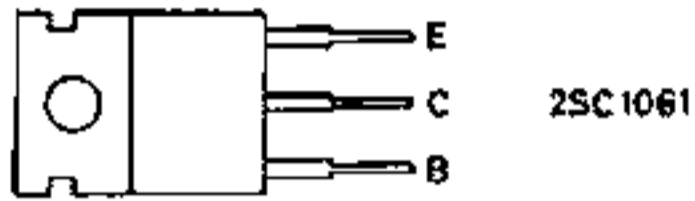
Anschlußcode Connection Code

Anschlußcode
Connections Code

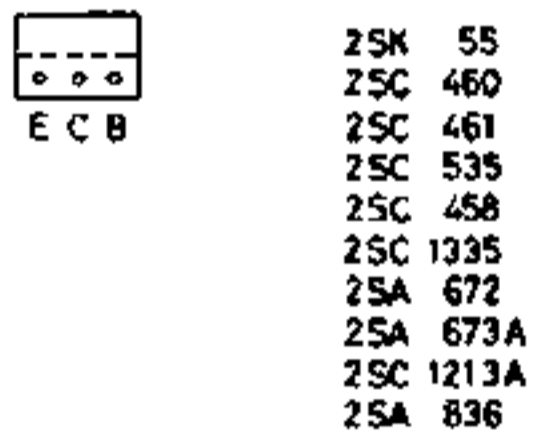
Tastatur
Keys



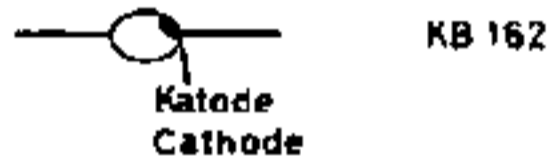
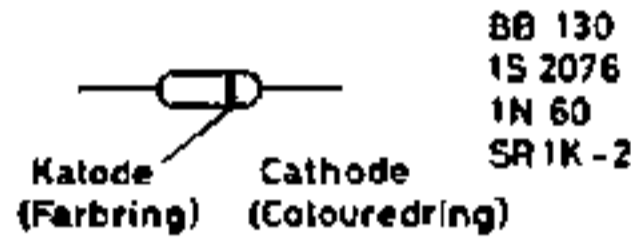
Transistoren
Transistors



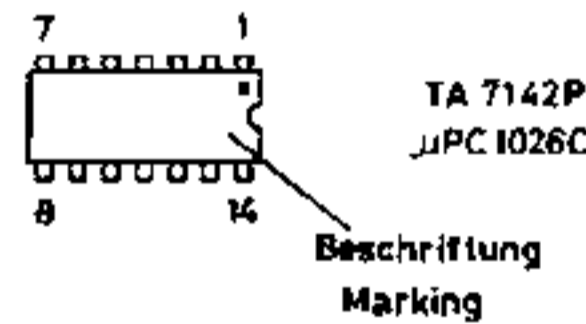
(auf die Anschlüsse gesehen)
(looking at the connections)



Dioden
Diodes

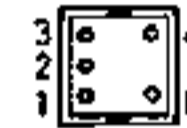


Integrierte Schaltung
Integrated circuits



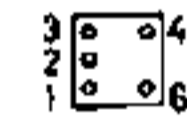
Filter
Filters

(auf die Anschlüsse gesehen)
(looking at the connections)



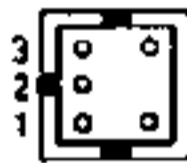
LBR - 30167 NE
LIN - 30168 NE

7BR - 388NE
7BR - 3770NE



22CN - 30016BFV

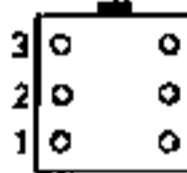
113CN - 5624NE
L103



YHE - 30513N
YHE - 30512BMP
YHE - 30514F
TKAC - 34313R
TKAC - 34314R
TKAC - 34353EJJ
CAN - 1898HM
MKAC - 14831SUB

RHE 30513N
RHE 30512BMP
RHE 30514F

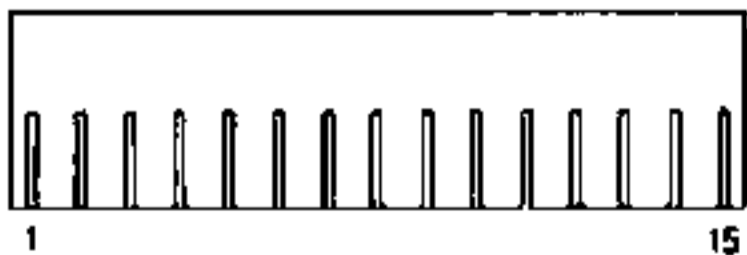
Farbcode
Colourcode



MV4FLK - A081 EGA 1140011
V6EQK - 30070 EGA 1148015
V6EQK - 30071 EGA 1148016

L101
L102

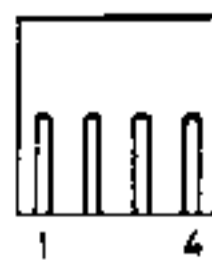
Steckverbindungen
Pluggable connections



St 501

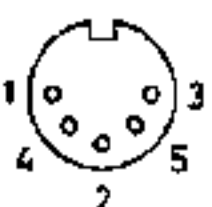


St 601



St 502

(auf die Lötanschlüsse gesehen)
(looking at the connections)



Bu 1101
Bu 501
Bu 502

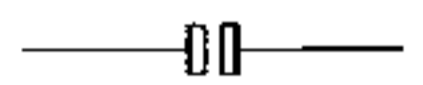


Bu 701

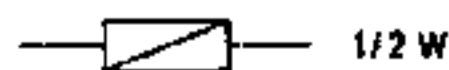
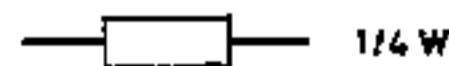
Elko
Electrolytic capacitor



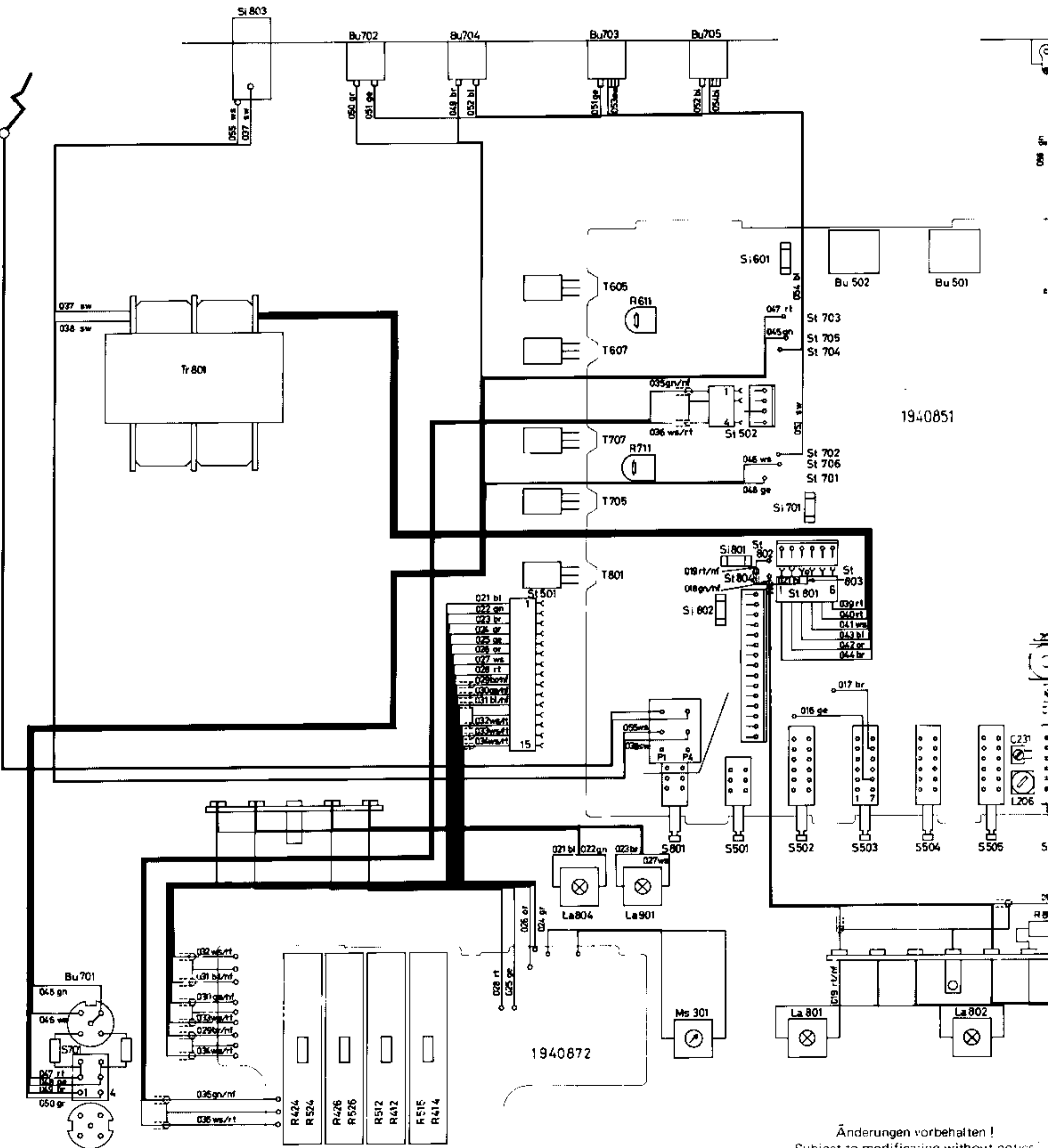
Elko bipolar
None polar electrolytic cap



Resistors



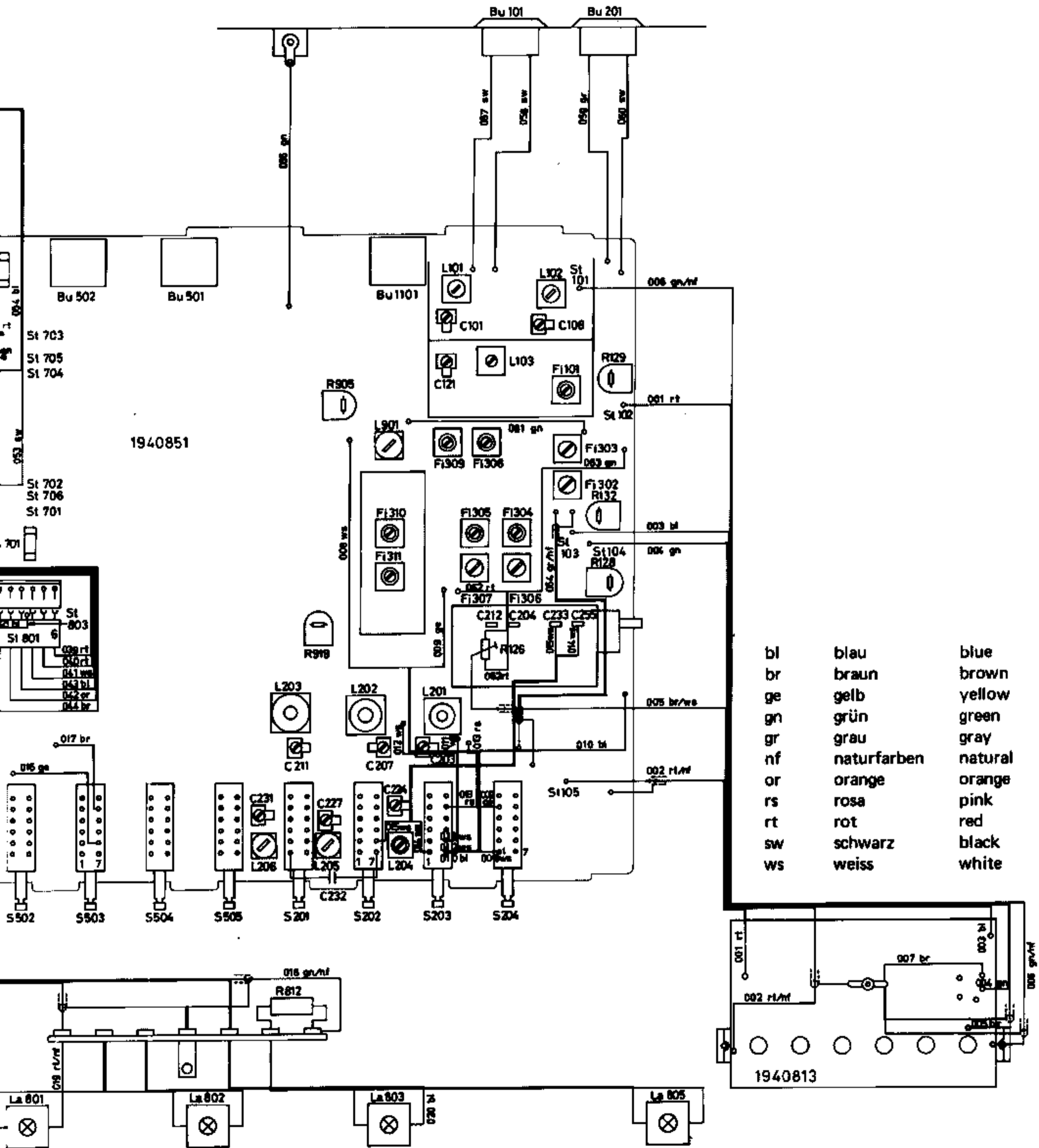
Lageplan Component location



Änderungen vorbehalten!
Subject to modification without notice

Hinweise
Hints for

- 001 rt
- 002 rt/nf
- 003 bl
- 004 gn
- 005 br/ws
- 006 gn/nf
- 007 br
- 008 ws
- 009 ge.
- 010 bl
- 011 ws
- 012 ws
- 013 re
- 014 ws
- 015 ws
- 016 ge
- 017 br
- 018 gn/nf
- 019 rt/nf
- 020 bl
- 021 bl
- 022 gn
- 023 br
- 024 gr
- 025 ge
- 026 or
- 027 ws
- 028 rt
- 029 br/nf
- 030 ge/nf
- 031 bl/nf
- 032 ws/rt
- 033 ws/rt
- 034 ws/rt
- 035 gn/nf
- 036 ws/rt
- 037 sw
- 038 sw
- 039 rt
- 040 rt
- 041 ws
- 042 or



bl	blau	blue
br	braun	brown
ge	gelb	yellow
gn	grün	green
gr	grau	gray
nf	naturfarben	natural
or	orange	orange
rs	rosa	pink
rt	rot	red
sw	schwarz	black
ws	weiss	white

Änderungen vorbehalten!
Subject to modification without notice!

Hinweise zum Lageplan Hints for location of components

001	rt	St 102	1 940 813	043	bl	Tr 801	St 801-3
002	rt/nf	St 105	1 940 813	044	br	Tr 801	St 801-1
003	bl	At 103	1 940 813	045	gn	Bu 701	St 705
004	gn	St 104	1 940 813	046	ws	Bu 701	St 706
005	br/ws	R 126	1 940 813	047	rt	Bu 701 (S 2,3)	St 703
006	gn/nf	St 101	1 940 813	048	ge	Bu 701 (S5, 6)	St 701
007	br		1 940 813	049	br	Bu 701 (S1)	Bu 704
008	ws	S 204 (1)	1 940 851	050	gr	Bu 701 (S4)	Bu 702
009	ge	S 204 (5)	1 940 851	051	ge	Bu 702	Bu 703
010	bl	S 203 (7)	1 940 851	052	bl	Bu 704	Bu 705
011	ws	S 203 (8)	1 940 851	053	sw	Bu 703	St 702
012	ws	S 203 (7)	1 940 851	054	bl	Bu 705	St 704
013	re	S 203 (11)	1 940 851	055	ws	Si 803	S 801 (P-2)
014	ws	S 203 (1)	C 255	056	gn		1 940 851
015	ws	S 202 (8)	C 233	057	sw	Bu 101	1 940 851
016	ge	S 503 (8)	1 940 851	058	sw	Bu 101	1 940 851
017	br	S 503 (11)	1 940 851	059	gr	Bu 201	1 940 851
018	gn/nf	St 804	R 812	060	sw	Bu 201	1 940 851
019	rt/nf	St 802	La 801	061	gn	1 940 851	1 940 851
020	bl	St 803	La 803 or La 805	062	rt	R 126	1 940 851
021	bl	St 501-1	La 804	063	gn	R 126	1 940 851
022	gn	St 501-2	La 804	064	gr/nf	1 940 851	1 940 851
023	br	St 501-3	La 901				
024	gr	St 501-4	1 940 872				
025	ge	St 501-5	1 940 872				
026	or	St 501-6	1 940 872				
027	ws	St 501-7	La 901				
028	rt	St 501-8	1 940 872				
029	br/nf	St 501-9	1 940 872				
030	ge/nf	St 501-10	1 940 872				
031	bl/nf	St 501-(11)	1 940 872				
032	ws/rt	St 501-(13)	1 940 872				
033	ws/rt	St 501-(14)	1 940 872				
034	ws/rt	St 501-(15)	1 940 872				
035	gn/nf	St 502-(1)	1 940 872				
036	ws/rt	St 502-(4)	1 940 872				
037	sw	Tr 801	Si 803				
038	sw	Tr 801	S 801 (P5)				
039	rt	Tr 801	St 801-(6)				
040	rt	Tr 801	St 801-(5)				
041	ws	Tr 801	St 801-4				
042	or	Tr 801	St 801-2				

Oberstehends Ziffern und Farbkennzeichnungen zeigen die Verbindungen innerhalb der Kabelbäume zu den Bauteilen auf.

Above figures and colors show the connections within the cable-trunk to the assemblies.

bl	blau	blue
br	braun	brown
ge	gelb	yellow
gn	grün	green
gr	grau	gray
nf	naturfarben	natural
or	orange	orange
rs	rosa	pink
rt	rot	red
sw	schwarz	black
ws	weiss	white

