

30 eel

KONINKLIJKE LANDMACHT

3 TH 11-170/2

TECHNISCHE HANDLEIDING

FM RADIO-INSTALLATIES

OP BASIS VAN

ZENDER-ONTVANGER, RADIO RT-3600 EN

ZENDER-ONTVANGER, RADIO RT-3610

SCHEMA'S EN FIGUREN

375-4912019



DEZE MAP IS EIGENDOM VAN HET MINISTERIE VAN DEFENSIE

KONINKLIJKE LANDMACHT

3 TH 11-170/2

TECHNISCHE HANDLEIDING

FM RADIO-INSTALLATIES

OP BASIS VAN

ZENDER-ONTVANGER, RADIO RT-3600 en

ZENDER-ONTVANGER, RADIO RT-3610

HANDLEIDING VOOR HET OPSPOREN EN

HERSTELLEN VAN FOUTEN 3e ECHELON

SCHEMA'S EN FIGUREN



3 TH 11-170/2

TECHNISCHE HANDLEIDING

FM RADIO-INSTALLATIES

OP BASIS VAN

ZENDER-ONTVANGER, RADIO RT-3600 en

ZENDER-ONTVANGER, RADIO RT-3610

HANDLEIDING VOOR HET OPSPOREN EN

HERSTELLEN VAN FOUTEN

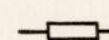
SCHEMA'S EN FIGUREN

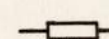
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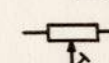
Tekening	1	Symbolenoverzicht	
Tekening	2	Blokschema zender-ontvanger	RT-3600
Tekening	3	Schema zender-ontvanger	RT-3600
Tekening	4	Blokschema zender-ontvanger	RT-3610
Tekening	5	Schema zender-ontvanger	RT-3610
Tekening	6	Schema Voedingstoestel	PP-3620
Tekening	7	Schema Batterijhouder	BX-3600
Tekening	8	Schema Batterijhouder	BX-3610
Tekening	9	Schema Doorverbindingskast	JB-3600
Tekening	10	Schema Doorverbindingskast	JB-3610
Tekening	11	Schema H.f.-versterker	AM-3600
Tekening	12	Schema Antenne-Afstemeenheid	RF-3620
Tekening	13	Schema Antenne-Afstemeenheid	RF-3610
Tekening	14	Schema Regel- en Intercommunicatie- Eenheid	IC-3620
Tekening	15	Schema Regel- en Luidsprekereenheid	AF-3620
Tekening	16	Schema Schakelkast	C-3621
Tekening	17	Schema Luidspreker	LS-3621
Tekening	18	Doorverbindingsdoos	JB-3620
Tekening	19	Meetkast, Radio	TS-3601
Tekening	20	Blokschema Meetkast, Radio	TS-3601
Tekening	21	Meetkast, Boordnet	TS-3602
Tekening	22	Blokschema Meetkast, Boordnet	TS-3602
Tekening	23	Referentietoestel	TS-3600
Tekening	24	Rek voor Referentietoestel	MT-3630
Tekening	25	Tekstplaat Meetkast, Radio	TS-3601
Tekening	26	Tekstplaat Meetkast, Boordnet	TS-3602
Tekening	27	Bedrading	RT-3600
Tekening	28	Onderaanzicht	RT-3600
Tekening	29	Vervangen van onderdelen voor het stapelen en vastzetten	RT-3600
Tekening	30	Uitnemen van Modules 1 t/m 5 en monteren van de afdichtring	RT-3600

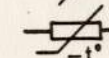
Tekening 31	Uitnemen van Module 6 van de	RT-3600
Tekening 32	Neerklappen van het front	RT-3600
Tekening 33	Uitnemen van Module 7 en Connector-samenstel	RT-3600
Tekening 34	Vervangen van Contactdoos PD3 en Microschakelaars	RT-3600
Tekening 35	Vervangen van Regelbare weerstand R1, schakelaar SK2 en drukknopschakelaar	RT-3600
Tekening 36	Vervangen van Filtercontactdozen PD1 en PD2	RT-3600
Tekening 37	Vervangen van Transistor TS1 en Relais RE1	RT-3600
Tekening 38	Vervangen van Relais RE2 en Montageplaat 2	RT-3600
Tekening 39	Monteren van H.f.-Kabels aan Stopconnectors	RT-3600
Tekening 40	Demonteren en monteren van Contactdozen	RT-3600
Tekening 41	Bedrading	RT-3610
Tekening 42	Onderaanzicht	RT-3610
Tekening 43	Uitnemen van de Modules 27, 28 en 29	RT-3610
Tekening 44	Vervangen van het Connectorsamenstel de Microschakelaar SK3, de Trekveer en Relais RE1	RT-3610
Tekening 45	Bedrading	BX-3600
Tekening 46	Reparatie	BX-3600
Tekening 47	Bedrading	BX-3610
Tekening 48	Bedrading	JB-3600
Tekening 49	Losnemen van Module 40 uit de	JB-3600
Tekening 50	Bedrading	JB-3610
Tekening 51	Onderaanzicht	JB-3610
Tekening 52	Bedrading	AM-3600
Tekening 53	Onderaanzicht	AM-3600
Tekening 54	Uitnemen van de Modules 45 en 46	AM-3600
Tekening 55	Bedrading	RF-3620
Tekening 56	Repareren van de	RF-3620
Tekening 57	Demonteren en monteren van de Kap	RF-3610
Tekening 58	Uitnemen van Module 57	RF-3610
Tekening 59	Bedrading	PP-3620
Tekening 60	Onderaanzicht	PP-3620

Tekening 61	Bedrading	IC-3620
Tekening 62	Onderaanzicht	IC-3620
Tekening 63	Bedrading	AF-3620
Tekening 64	Onderaanzicht	AF-3620
Tekening 65	Vervangen van de Weerstand en het Relais RE1 van de	AF-3620
Tekening 66	Onderdelen op het Front van de	AF-3620
Tekening 67	Bedrading	C-3621
Tekening 68	Demontage	C-3621
Tekening 69	Repareren van de Montageplaat	MT-3621
Tekening 70	Bedrading	LS-3621
Tekening 71	Repareren van de Luidspreker	LS-3621
Tekening 72	Repareren Doorverbindingsdoos	JB-3620
Tekening 73	Repareren van het Rek	MT-3620
Tekening 74	Repareren van de Montageplaat	MT-3622
Tekening 75	Schema Schakelkast	C-3625
Tekening 76	Bedrading	C-3625
Tekening 77	Het vervangen van Module 254 van de	C-3625
Tekening 78	Vooraanzicht	C-3625

 WEERSTAND (R)

 POTENTIOMETER

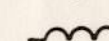
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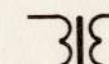
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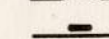
 CONDENSATOR (C)

 ELECTROL. CONDENSATOR

 DOORVOERCONDENSATOR

 SPOEL, WIKKELING (L)

 TRANSFORMATOR (T)

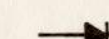
 FERRIETKRAAL (L)

 FERRO MAGNETISCHE KERN VAN
GELEIDEND MATERIAAL

 FERRO MAGN. KERN VAN NIET
GELEIDEND MATERIAAL

 REGELBAAR

 INSTELBAAR

 HALFGELEIDER DIODE (GR)

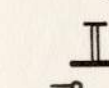
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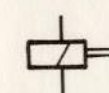
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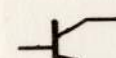
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 OMSCHAKELAAR

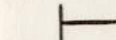
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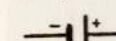
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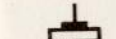
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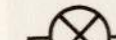
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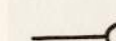
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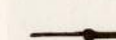
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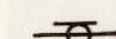
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 KWARTS KRISTAL (KT)

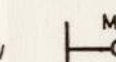
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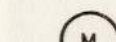
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 PENSTEKER (PS)

 COAX. BUSCONTACT

 COAX. PENSTEKER

 MEETPUNT (MP)

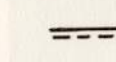
 MOTOR (M)

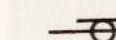
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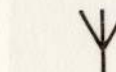
 MICROFOON (MC)

 LUIDSPREKER (LS)

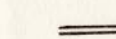
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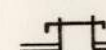
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LEIDING

 COAX. LEIDING

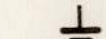
 ANTENNE

 BEDIENING MET DE HAND

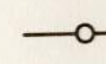
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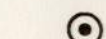
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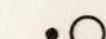
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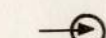
 AARDING

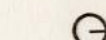
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VERBINDING

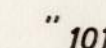
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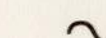
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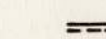
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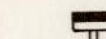
 INGANG

 UITGANG

 "101" GRAVERING

 WISSELSTROOM

 GELUKSTROOM

 THERM. SYSTEEM

 MAGN. MAX. BEV.

 OMSCHAKELAAR
MET GEISOLEERDE
MIDDENSTAND

 LAAG-DOORLATEND FILTER

 HOOG-DOORLATEND FILTER

 BAND-DOORLATEND FILTER

 PULSGENERATOR

 VERSTERKER

 HF-OSCILLATOR

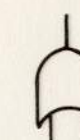
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 KRISTAL OSCILLATOR

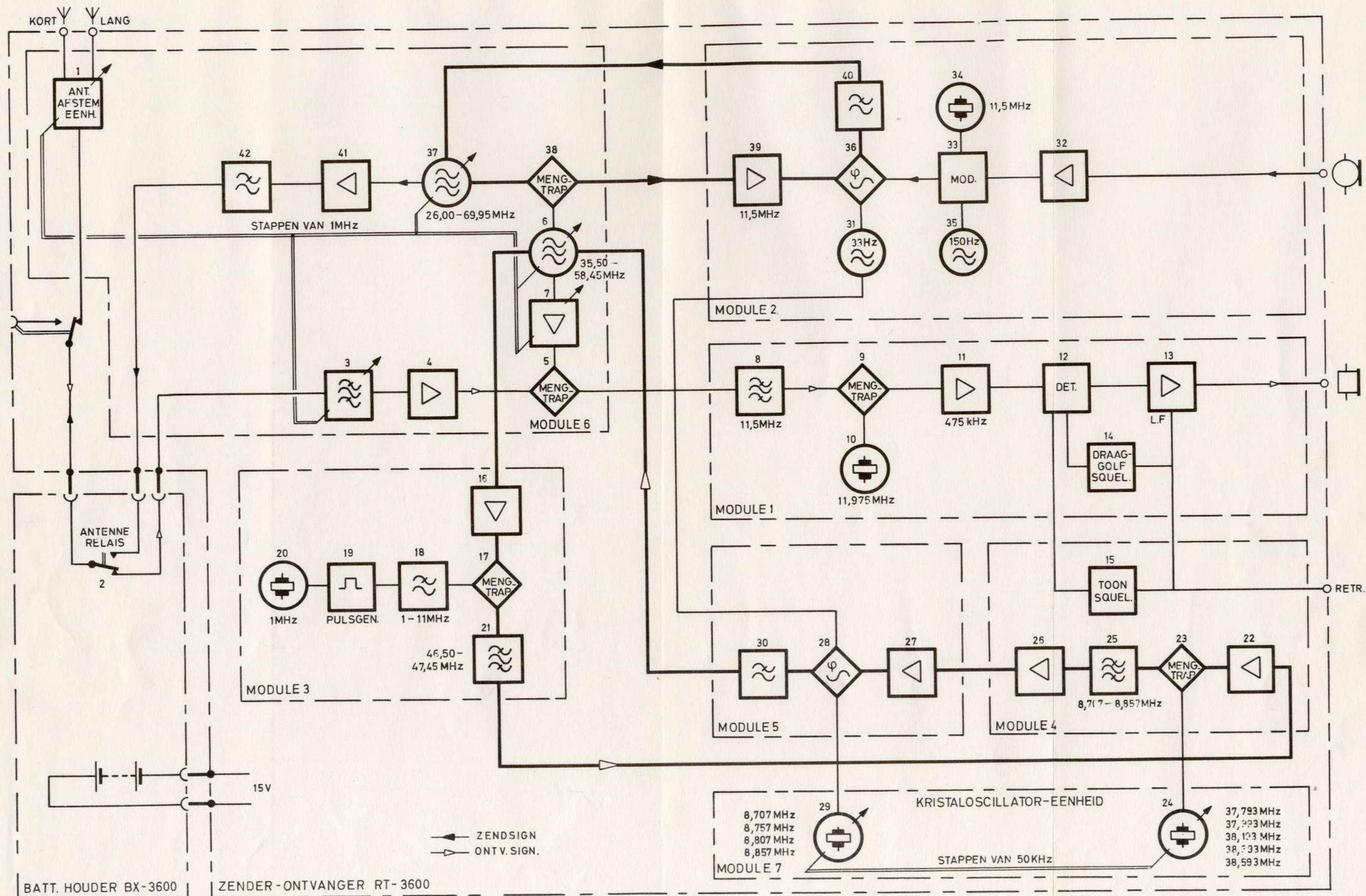
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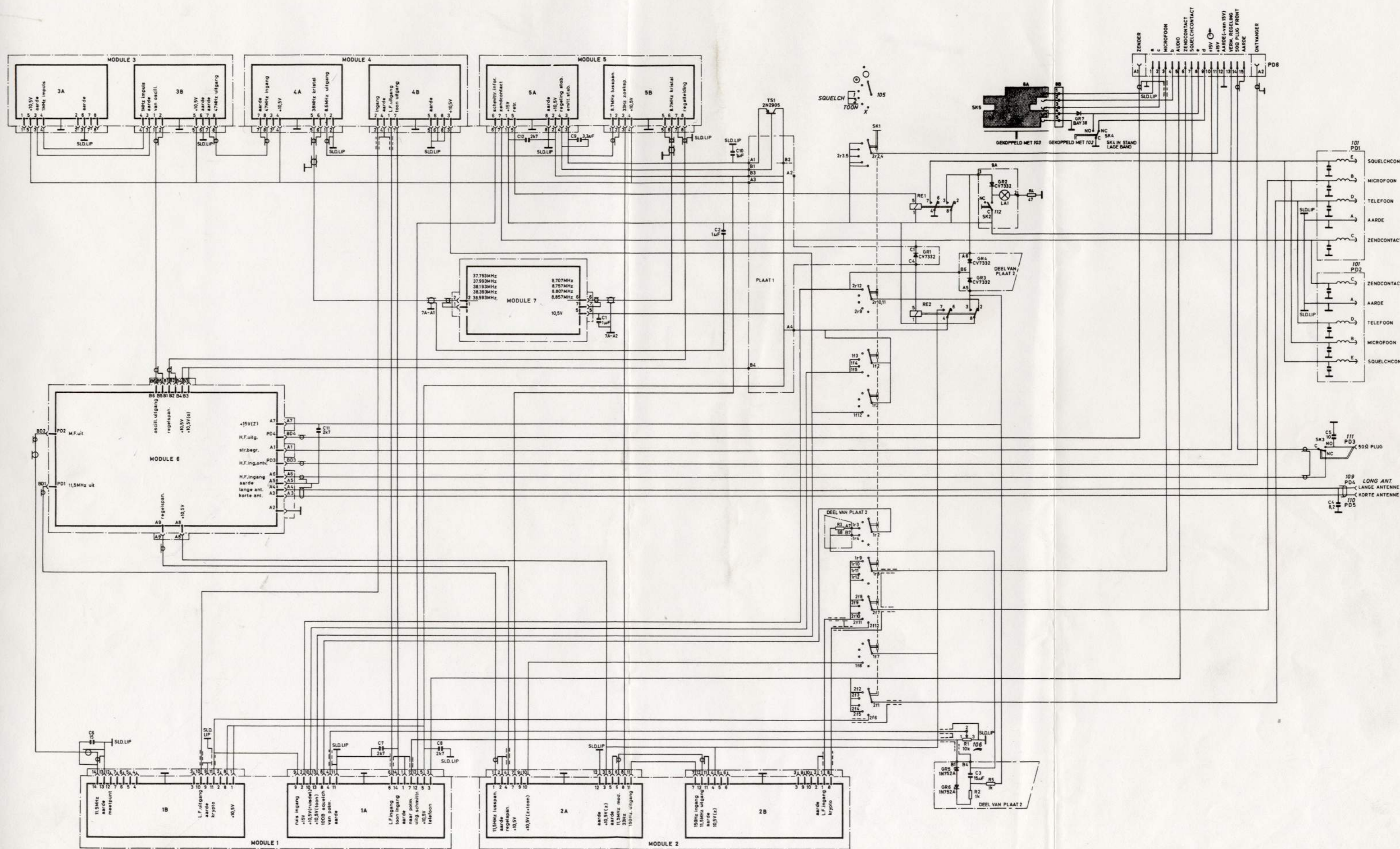
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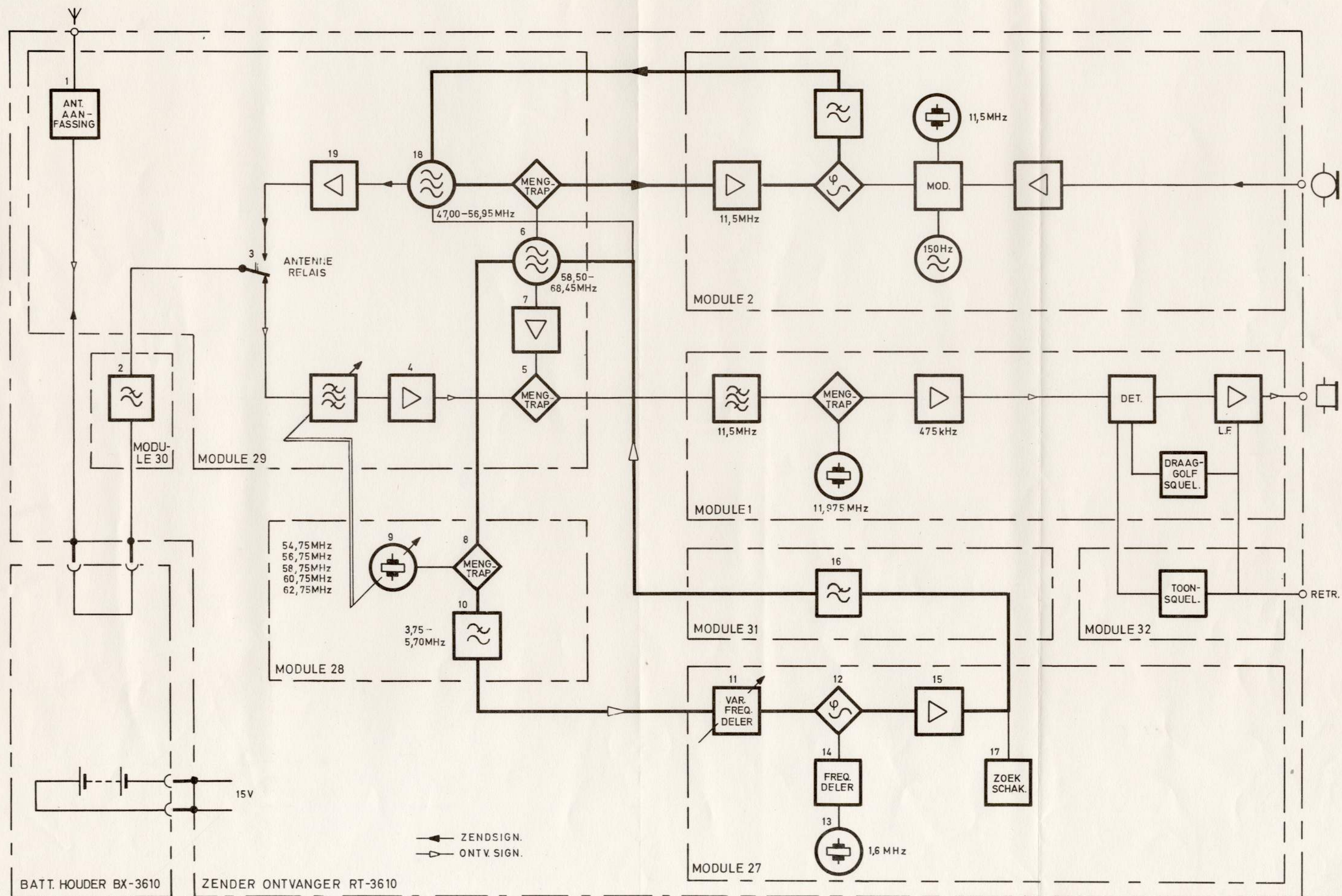
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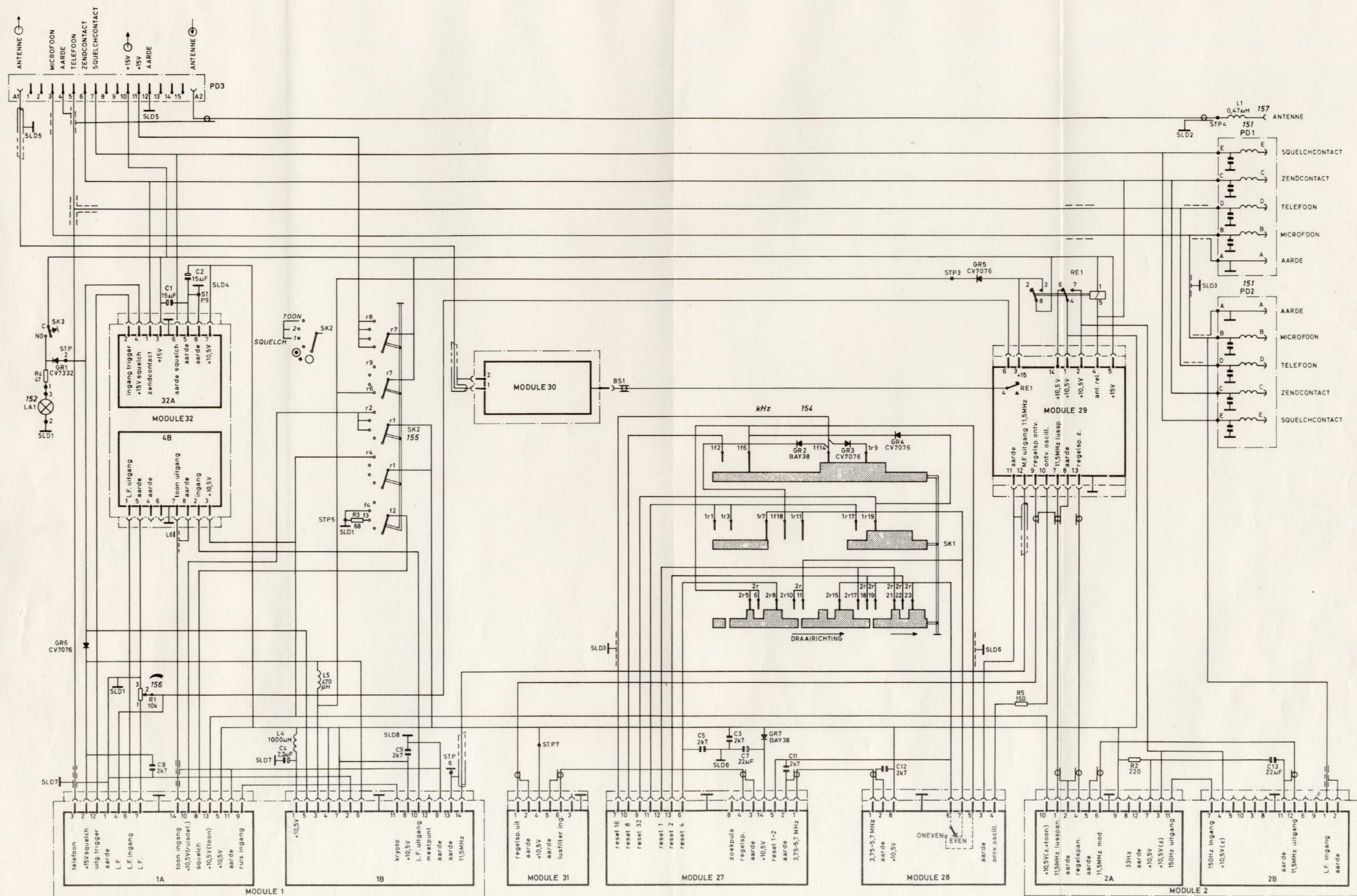
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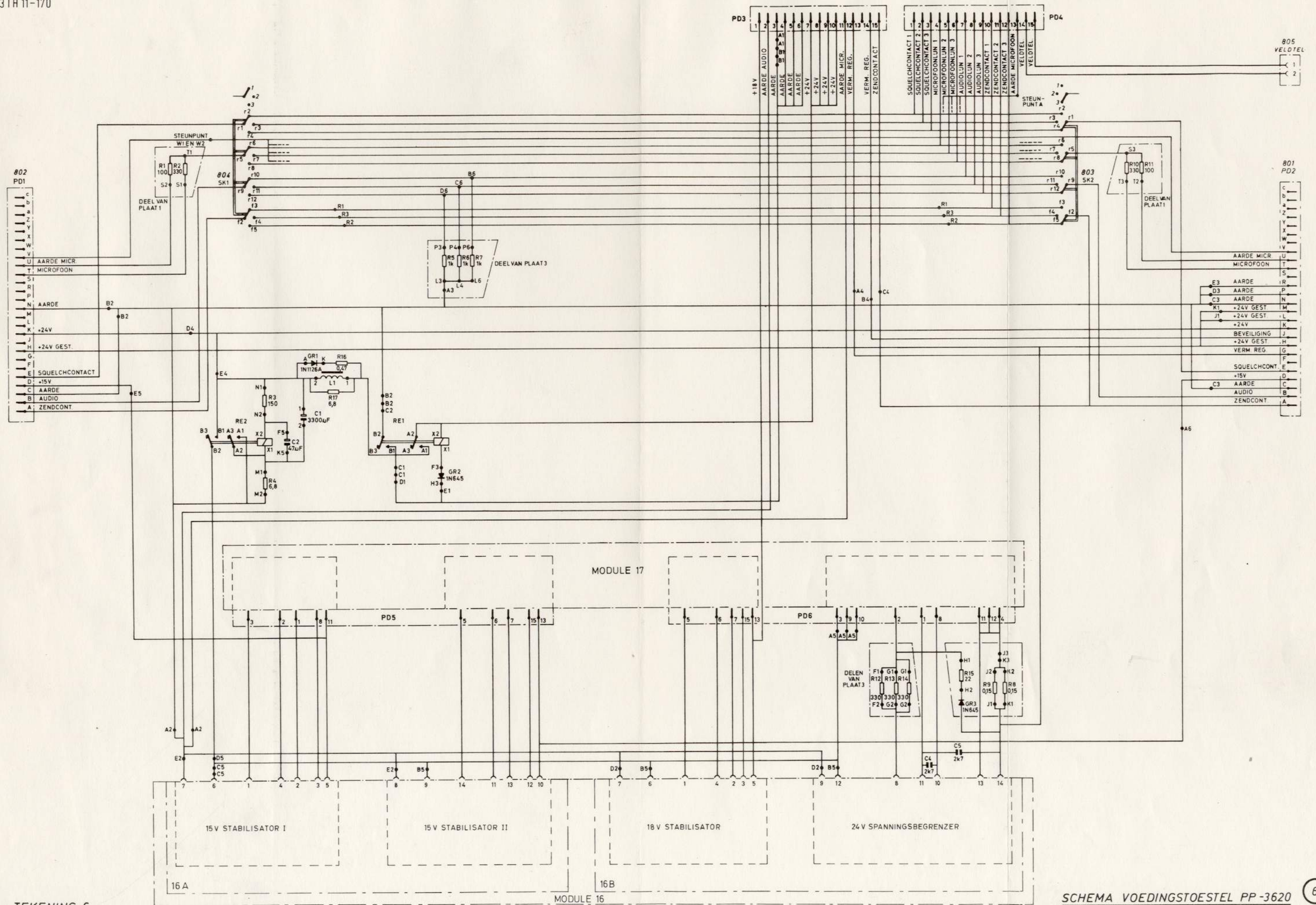
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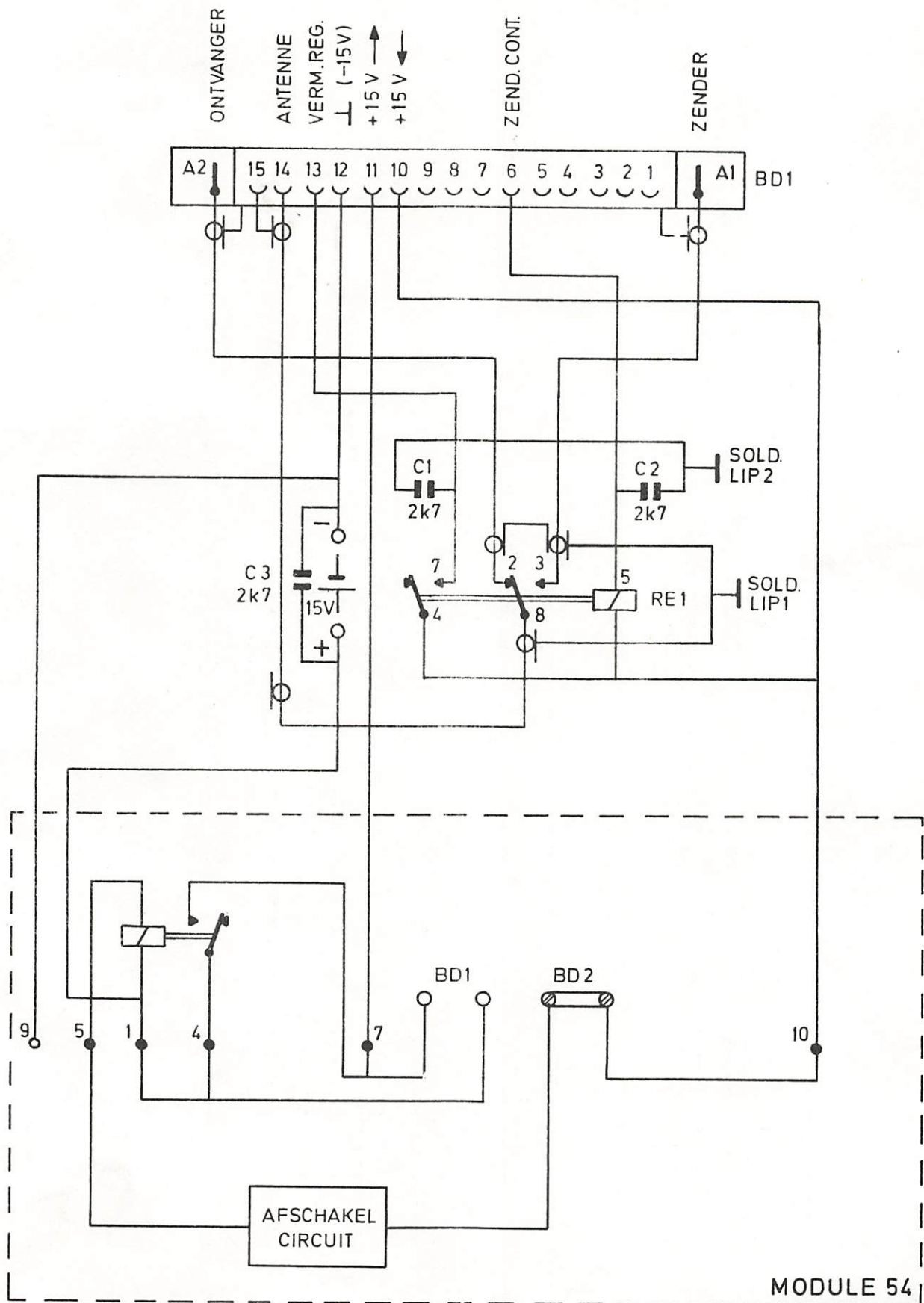


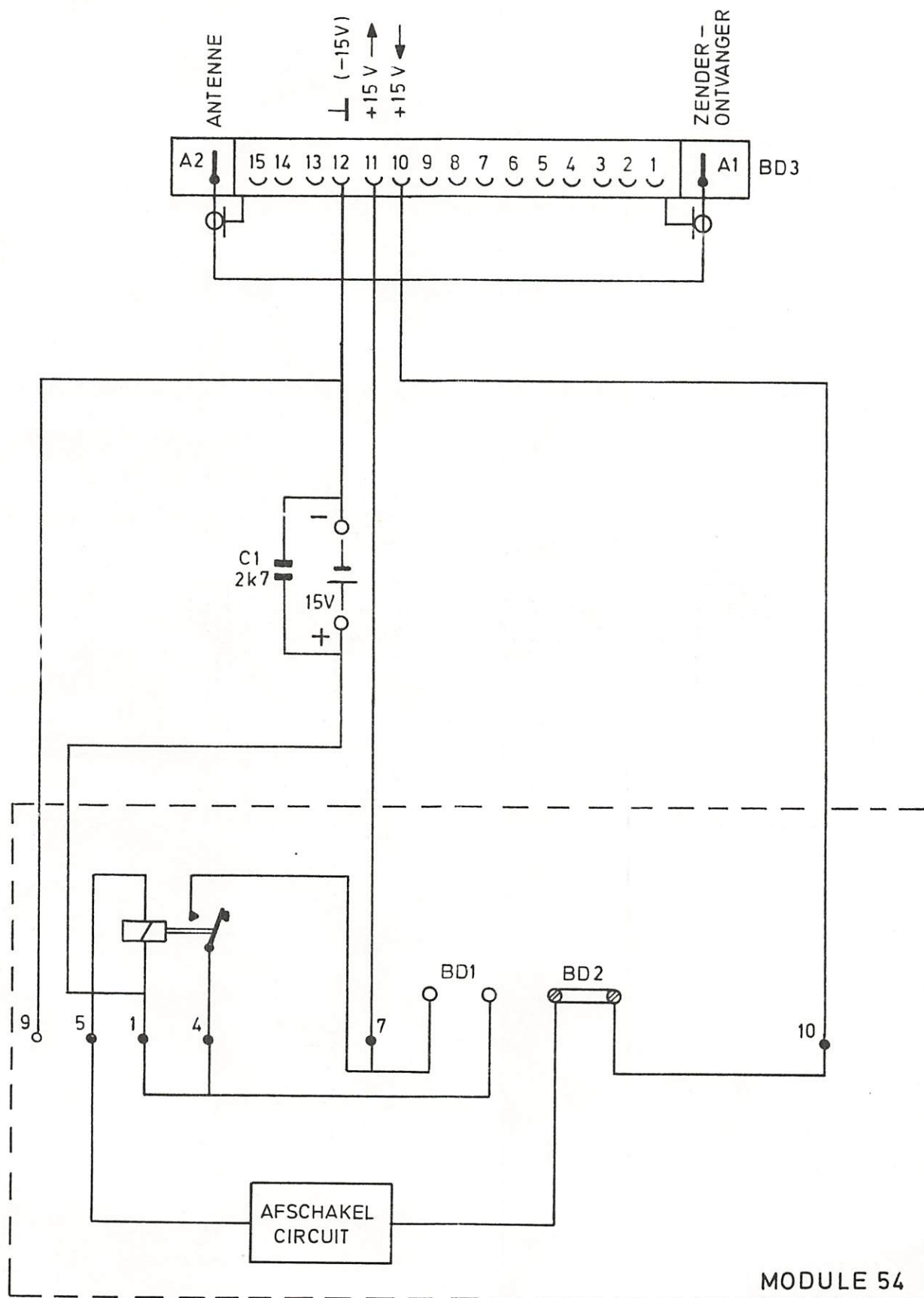


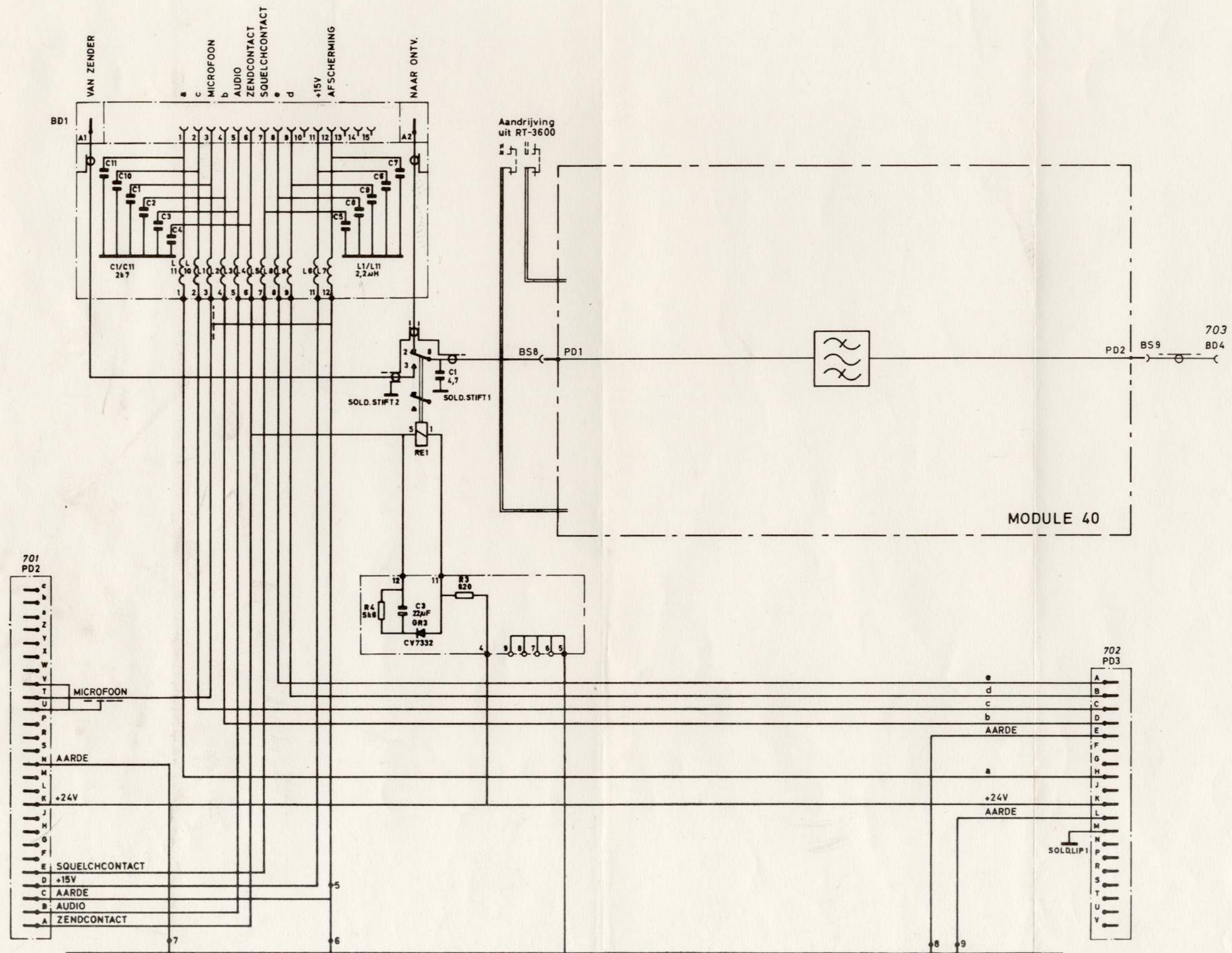


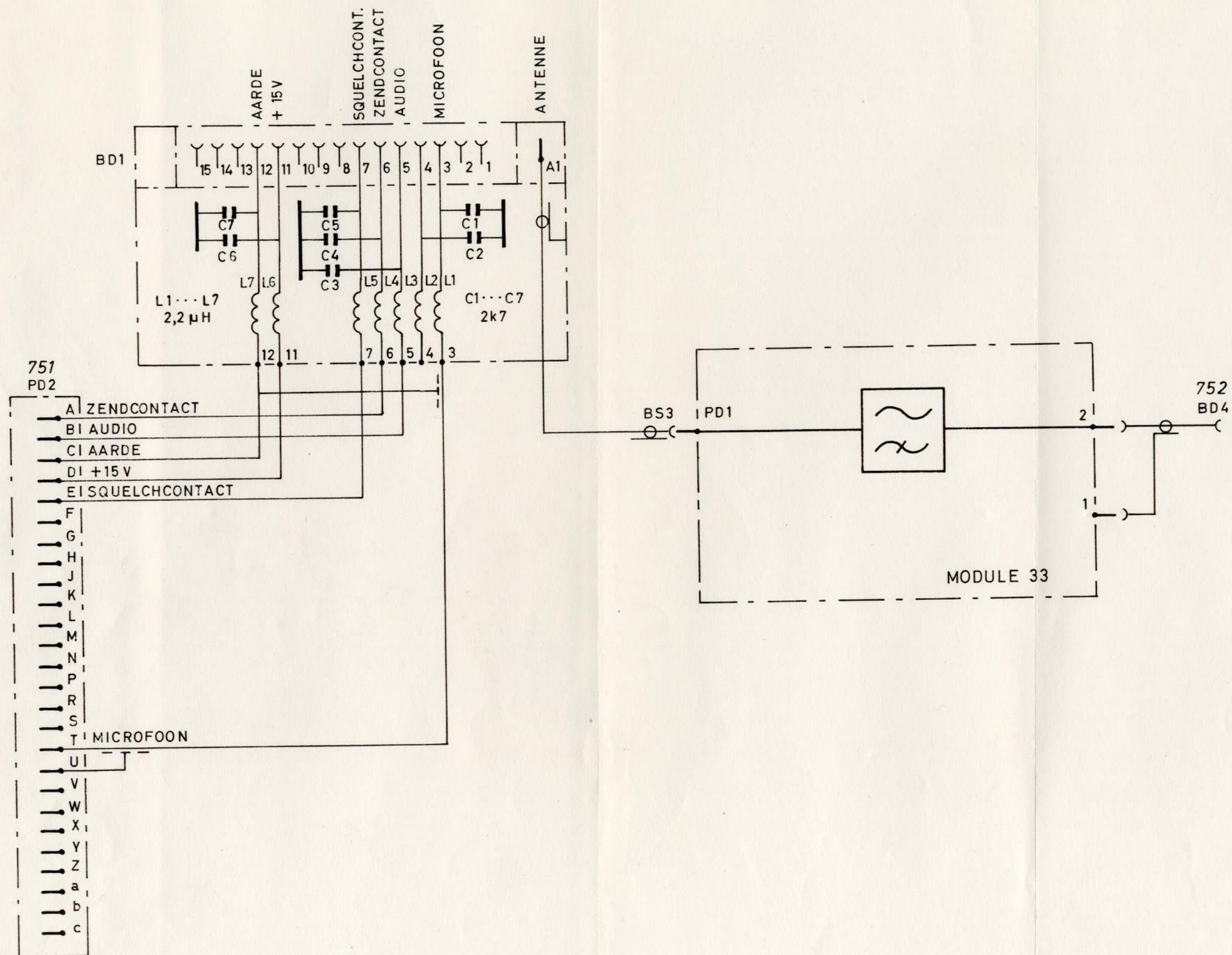


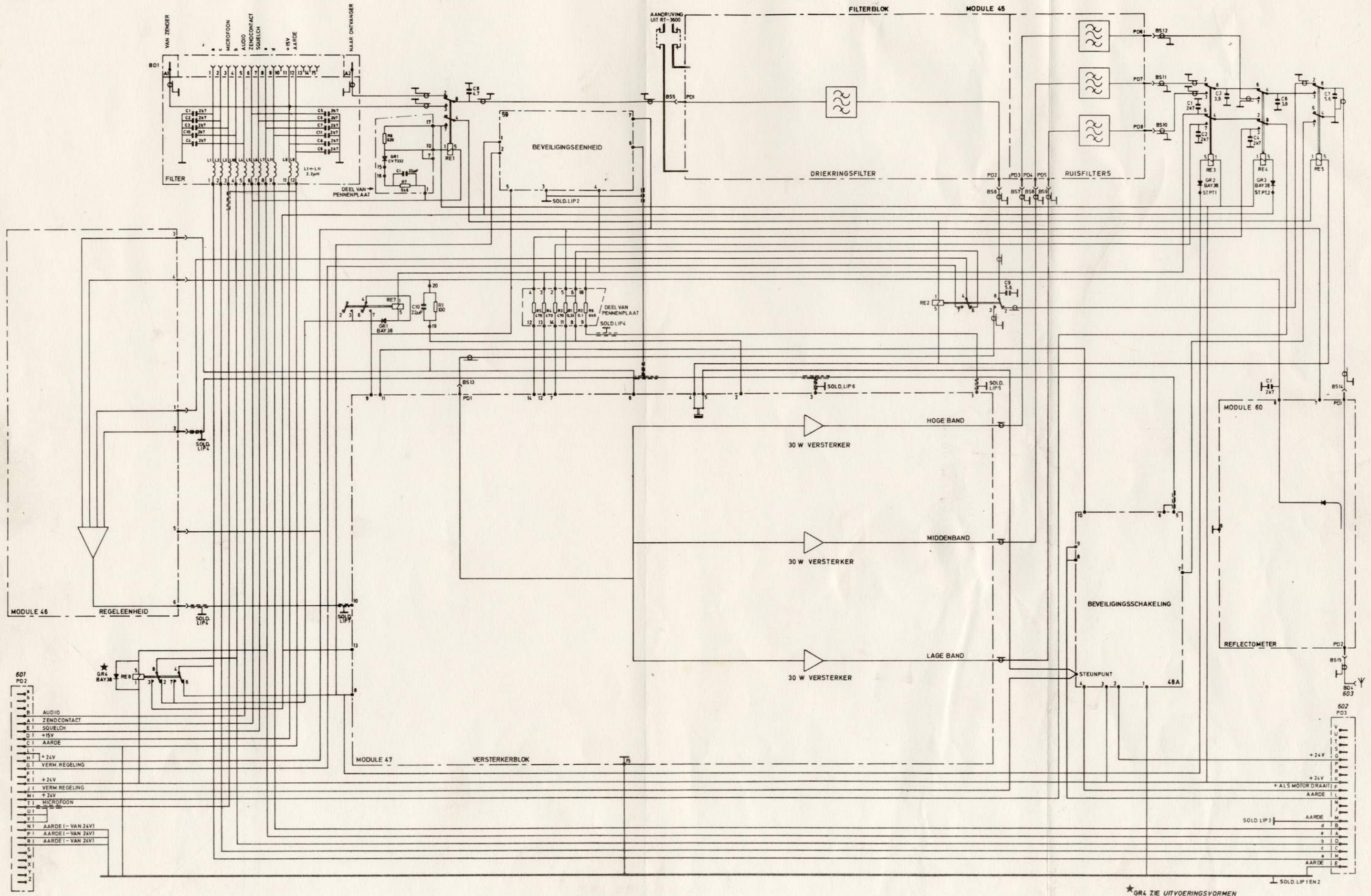




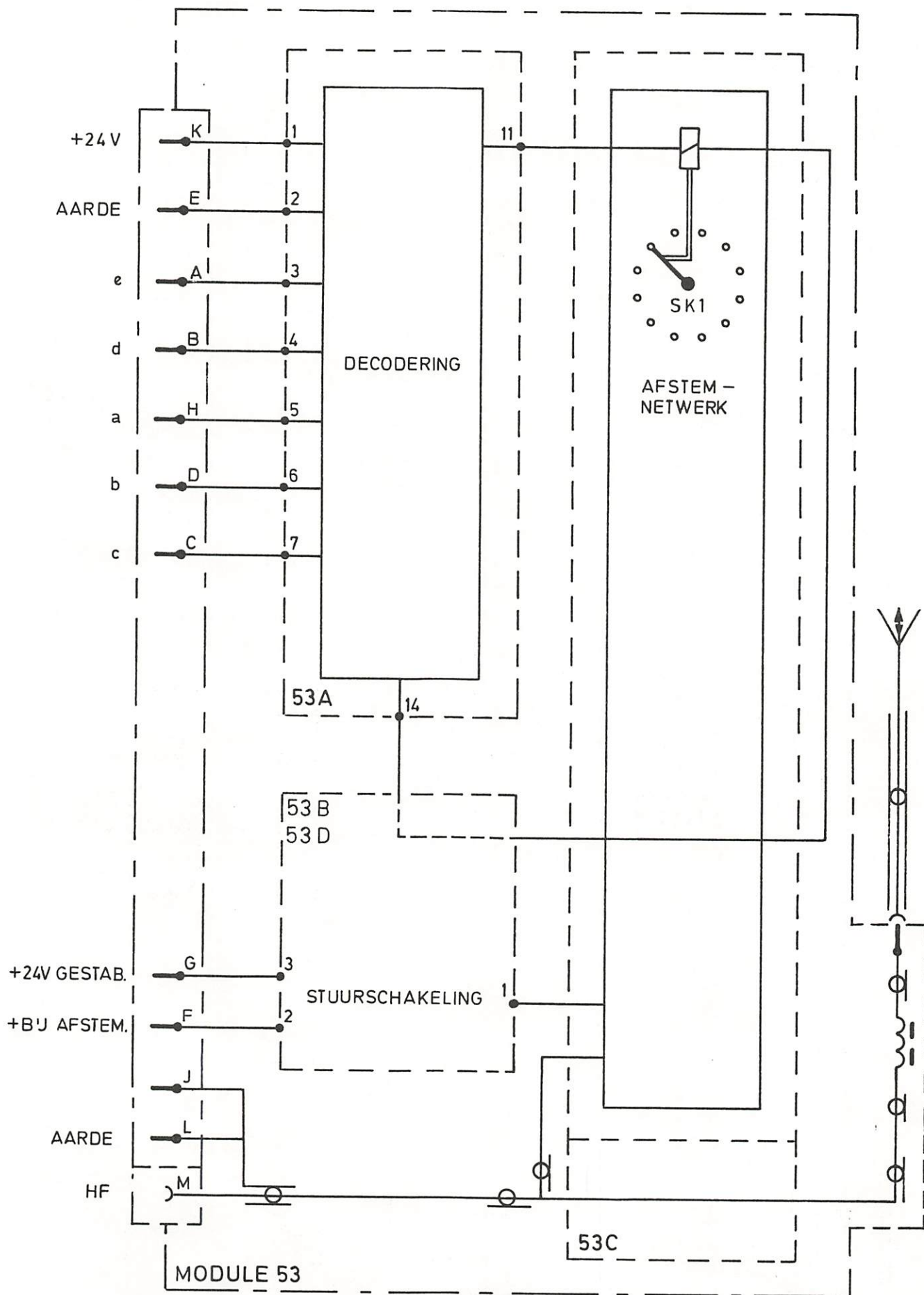


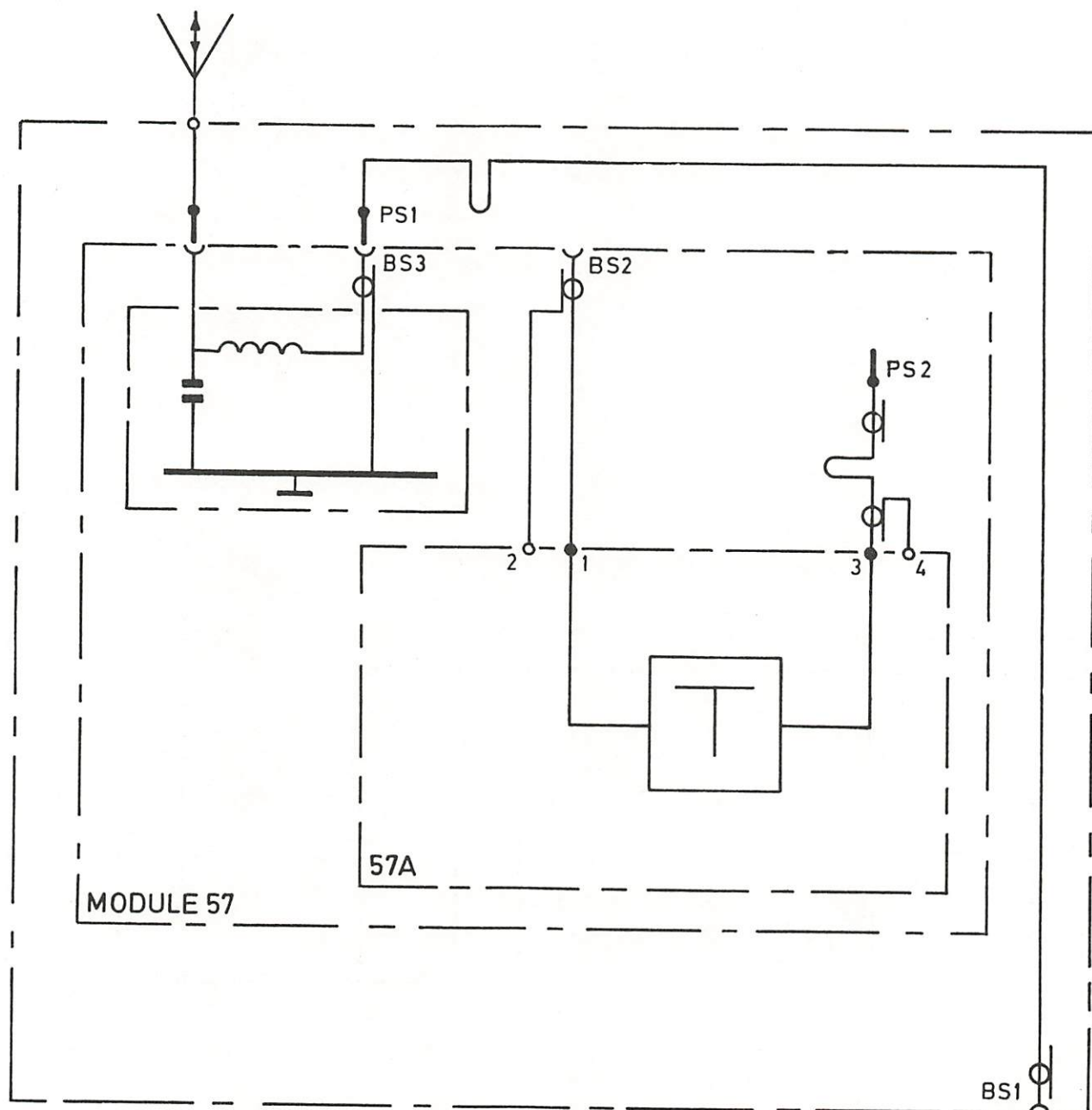


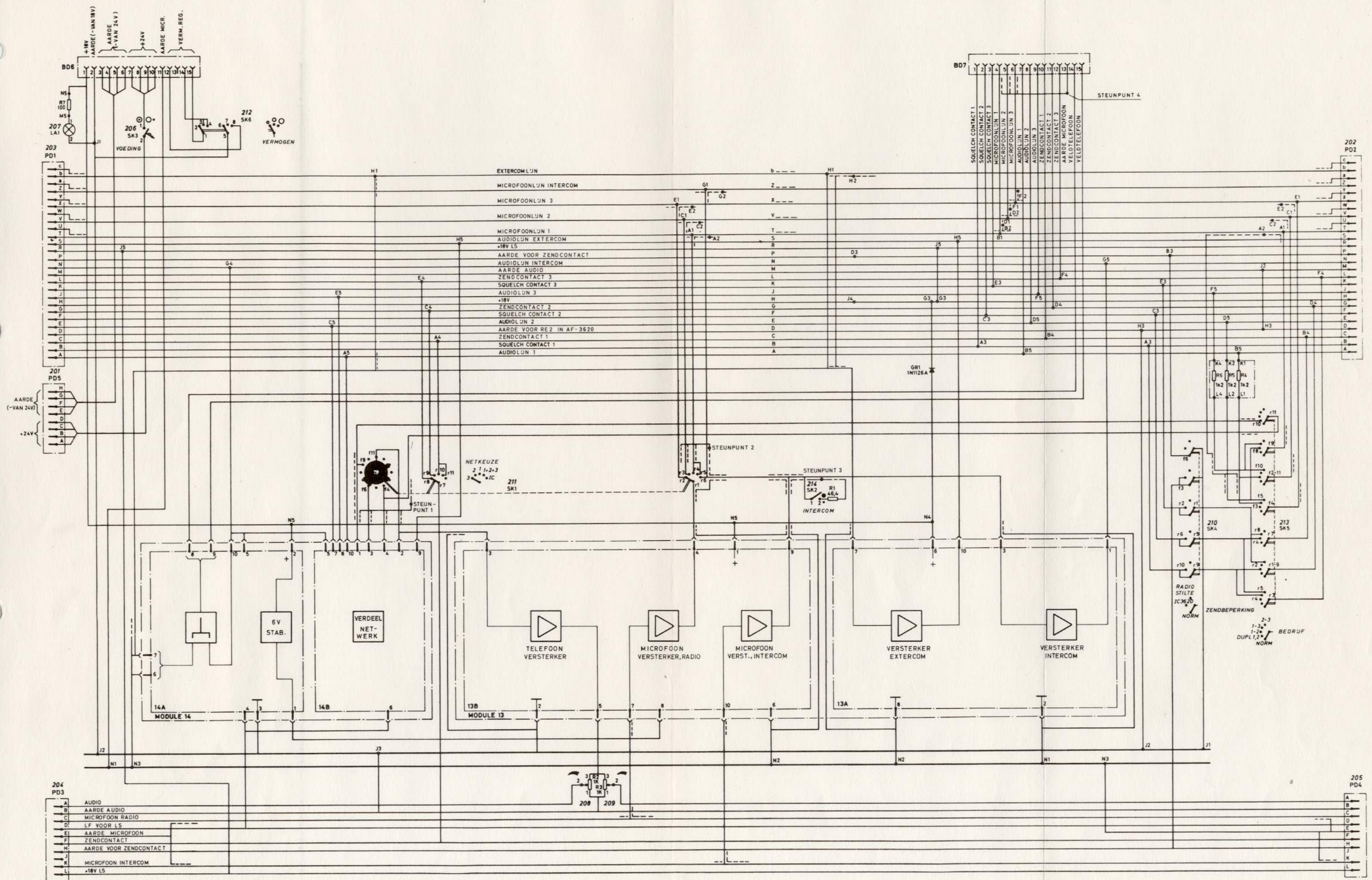




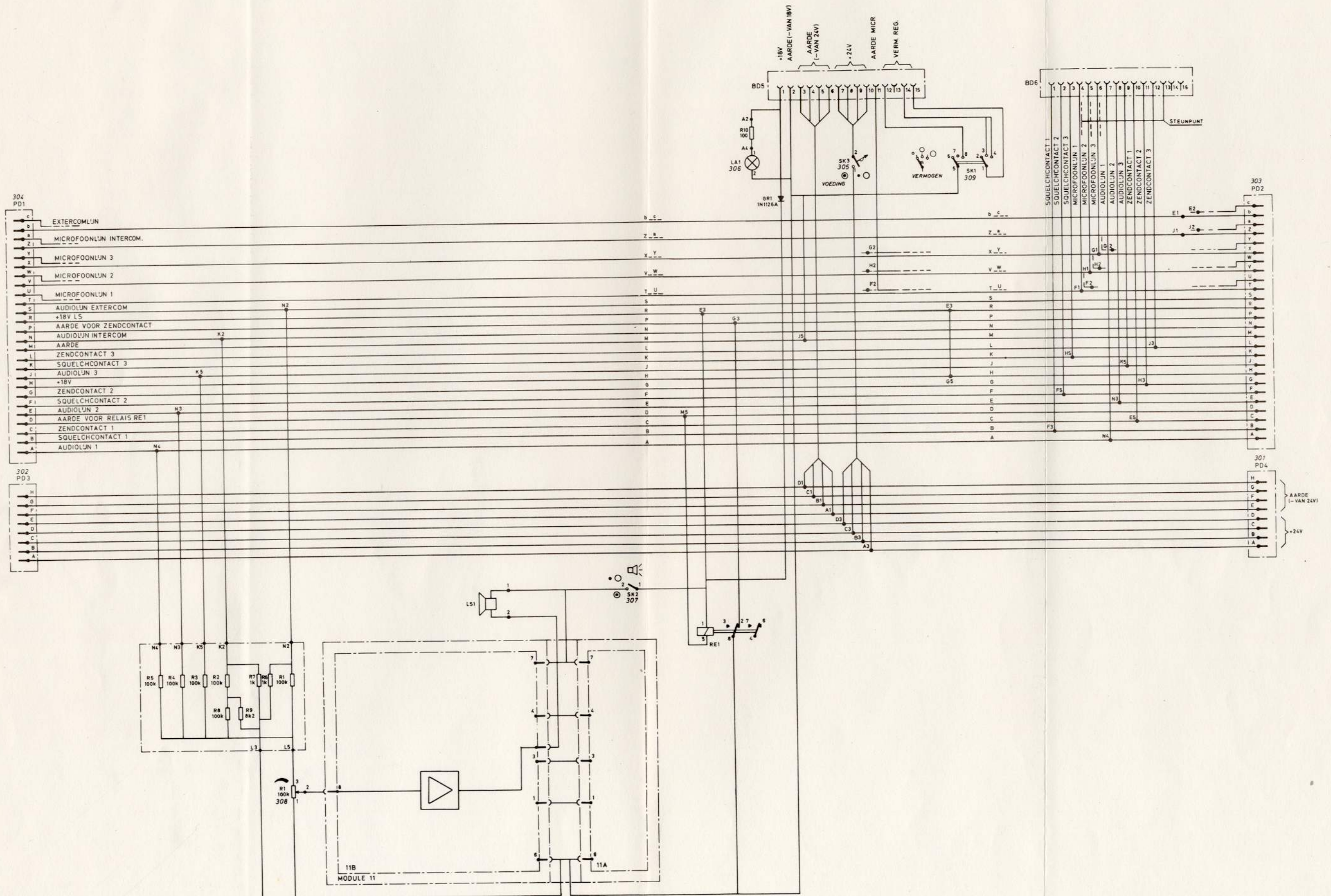
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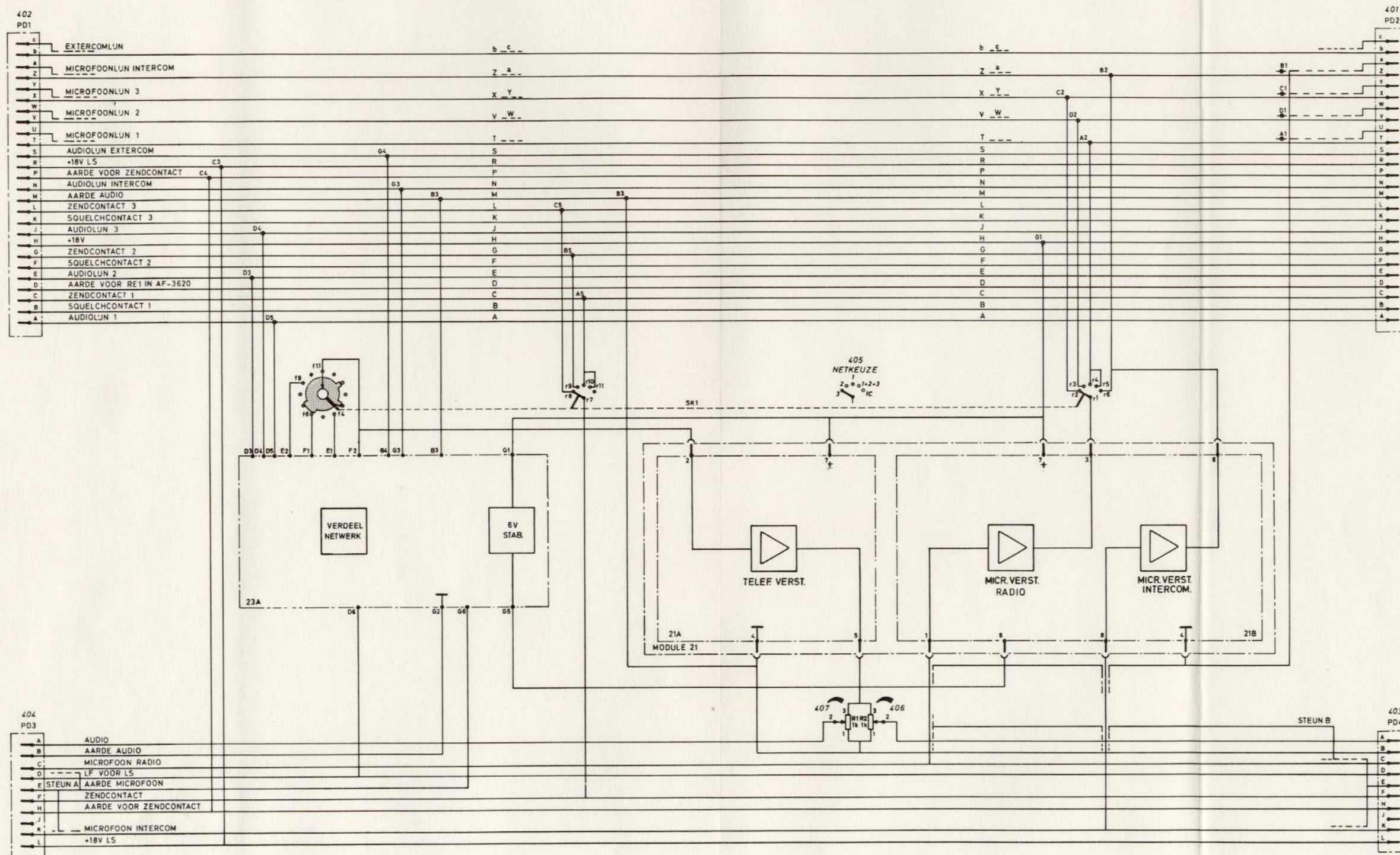


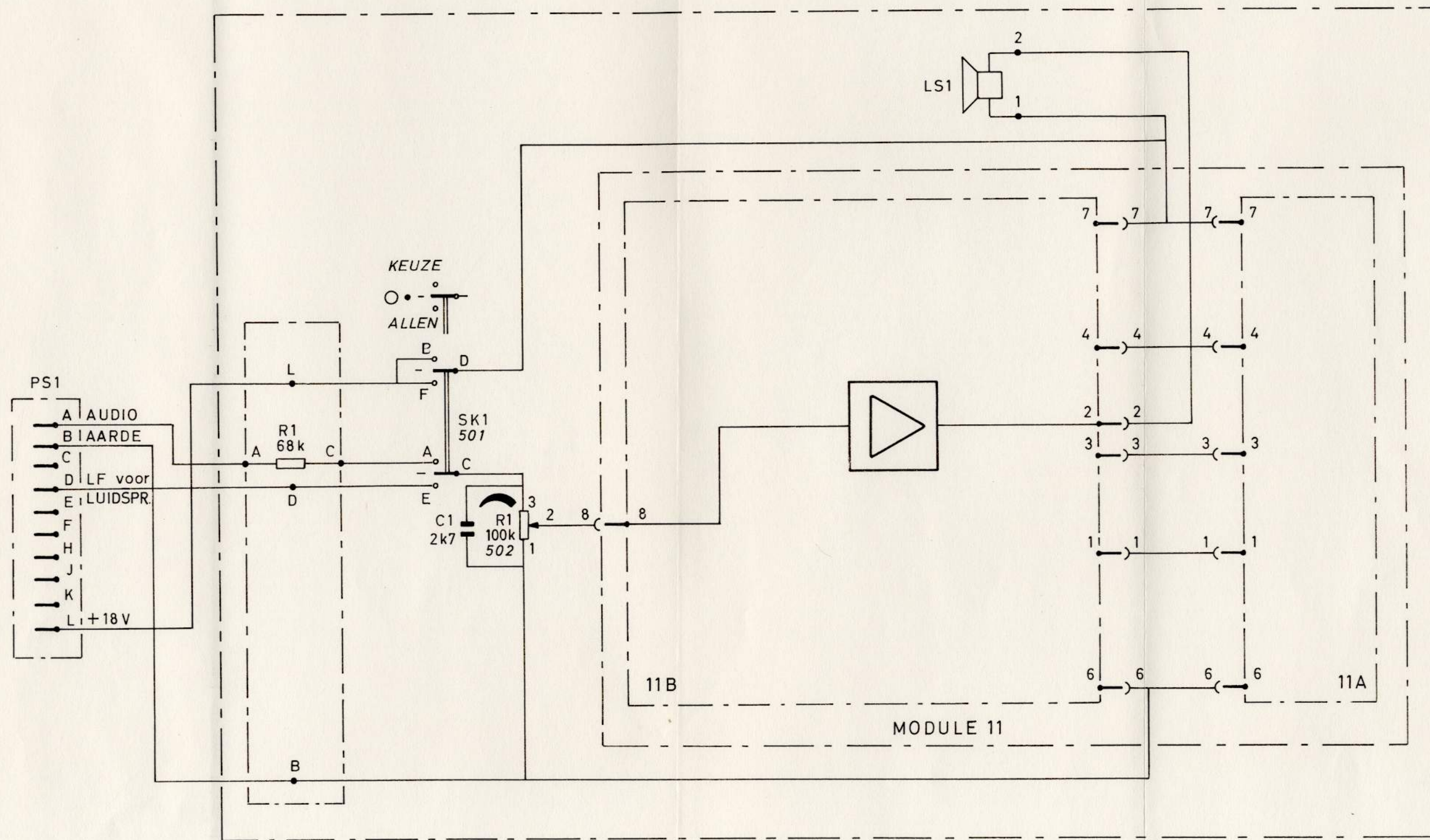


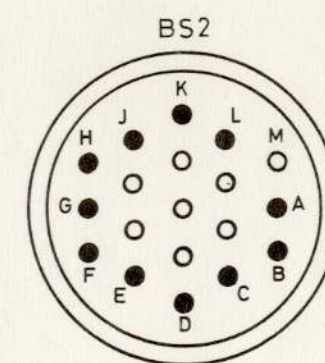
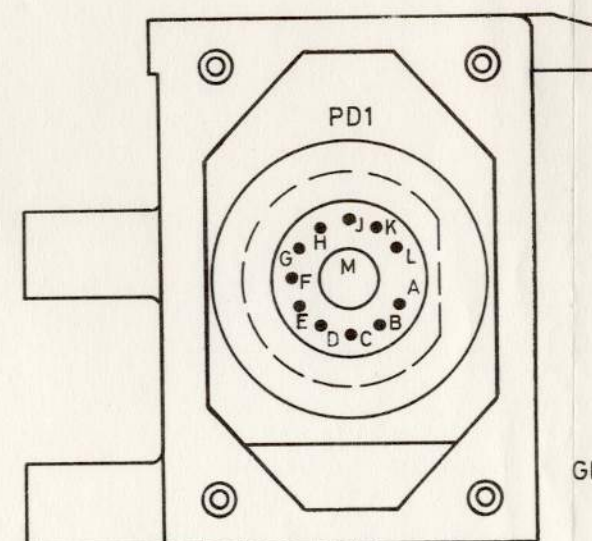
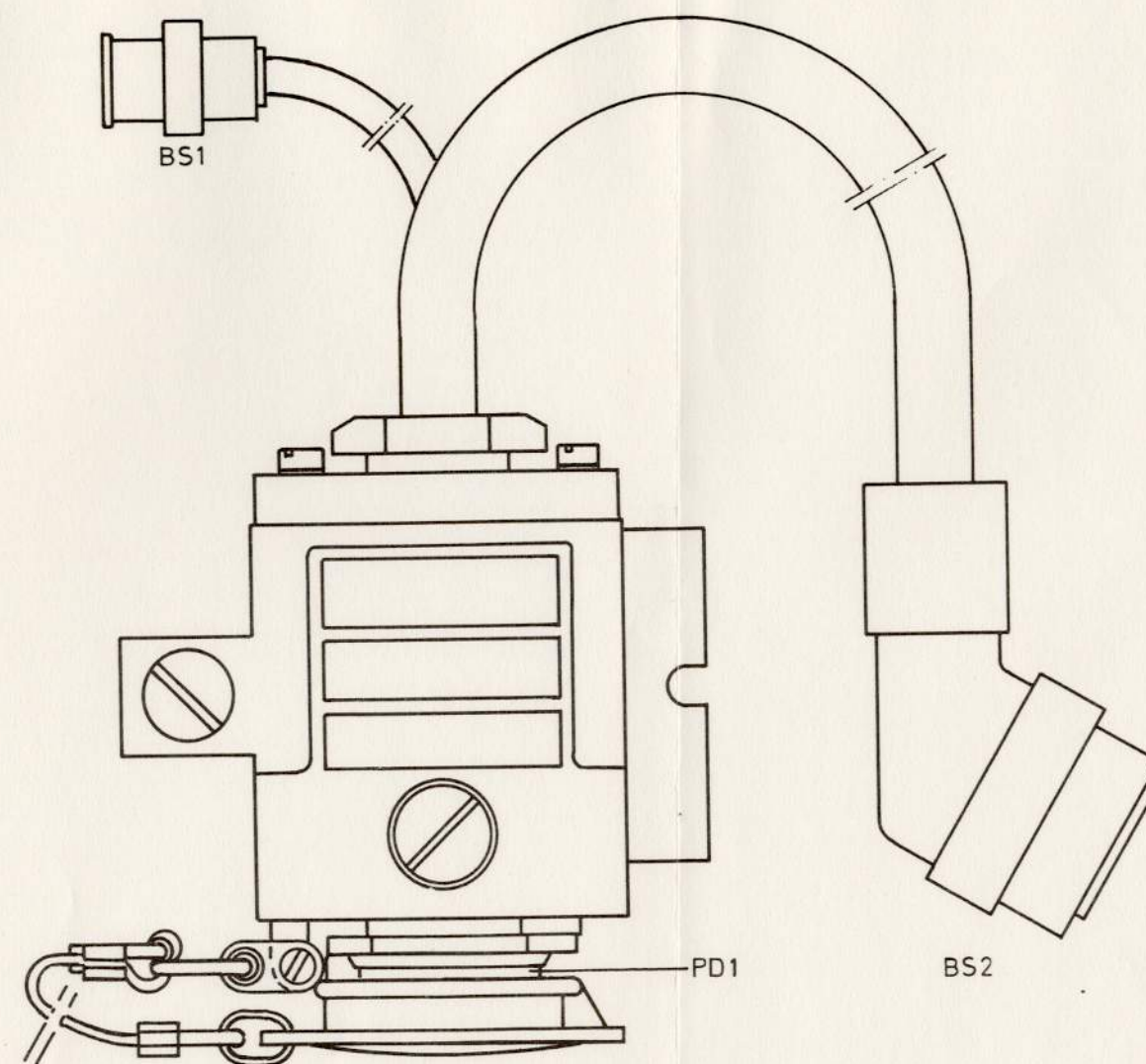
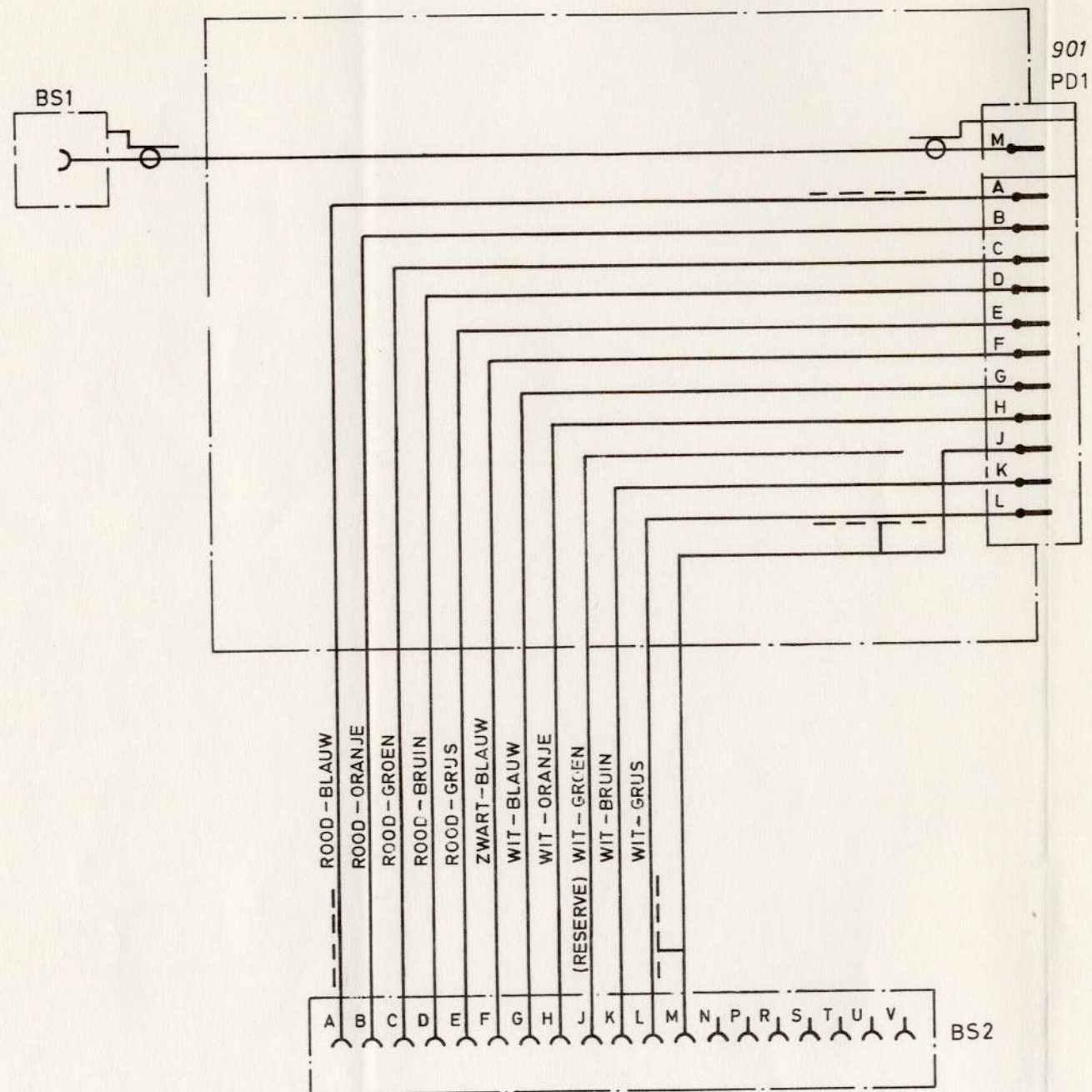


TEKENING 14

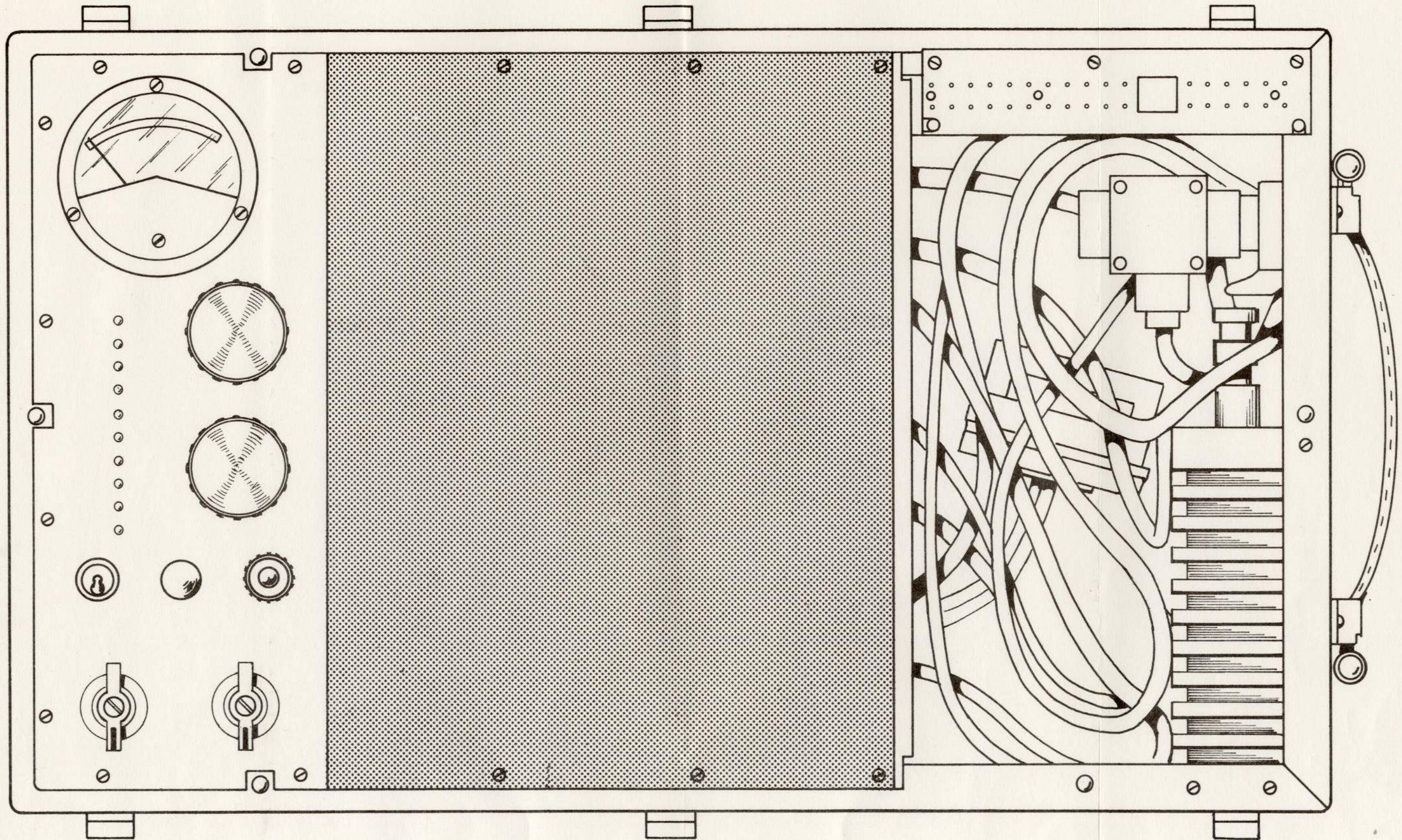


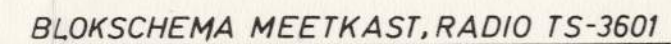


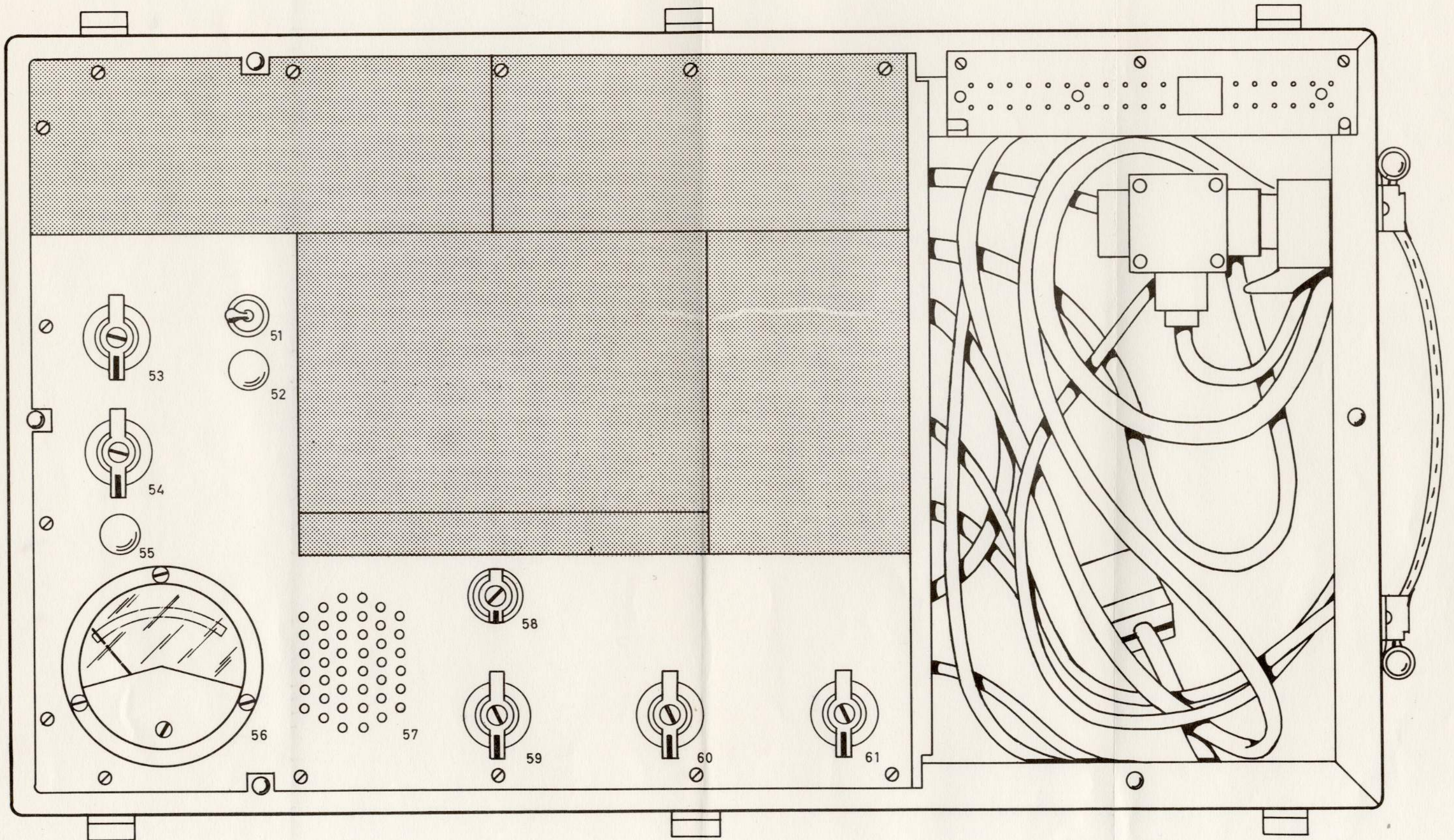


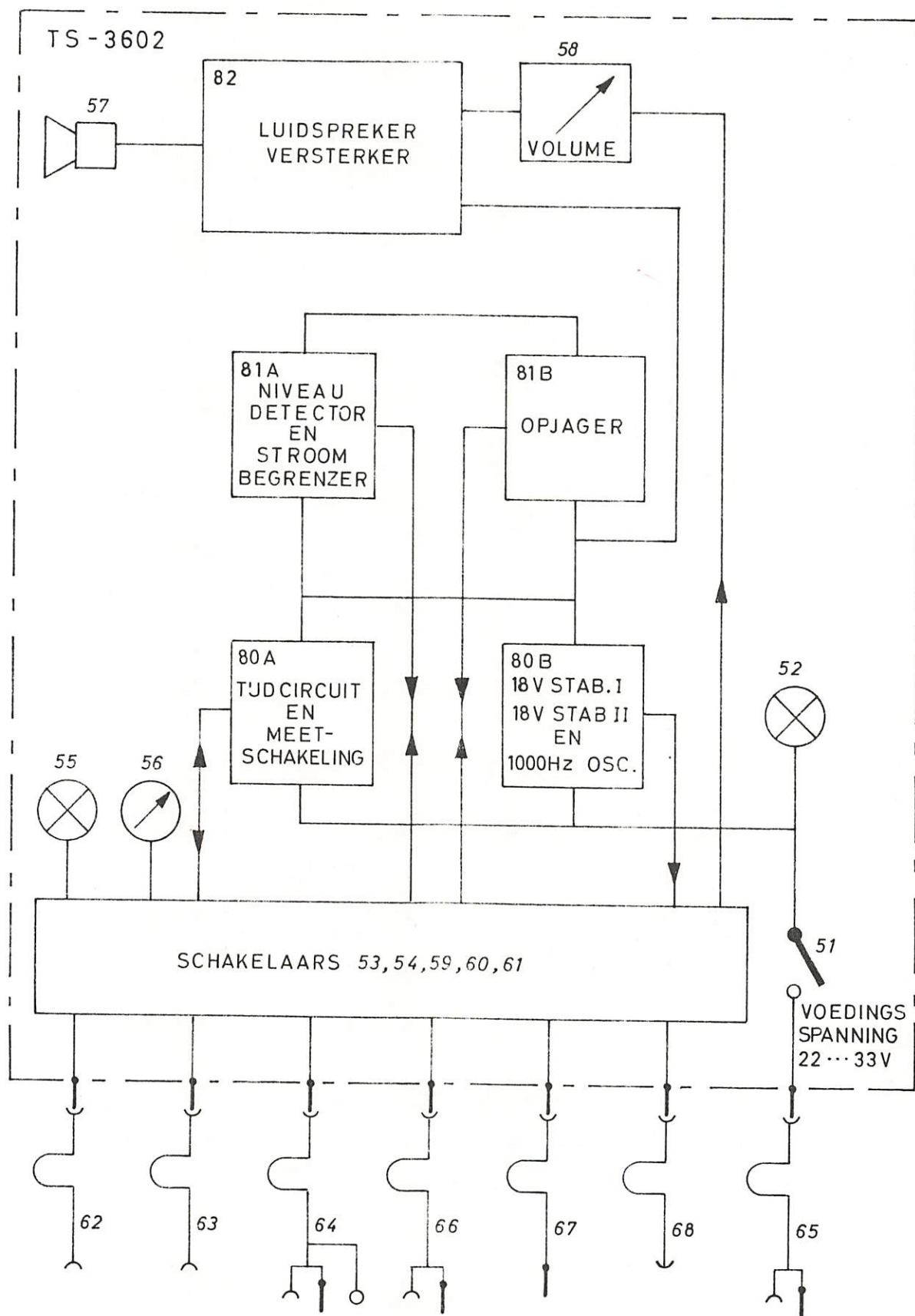


GEZIEN OP SOLDEERZIJDE

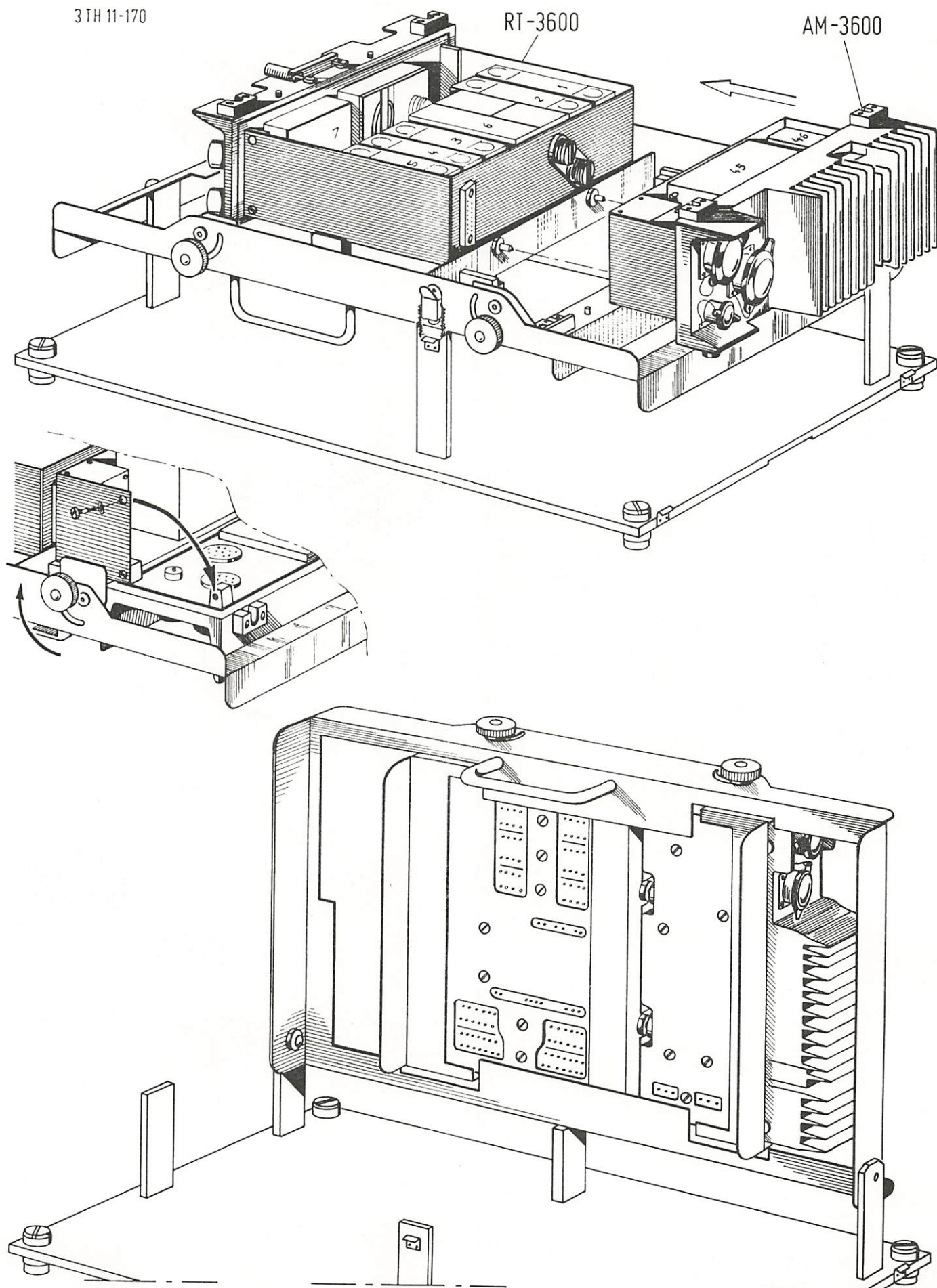


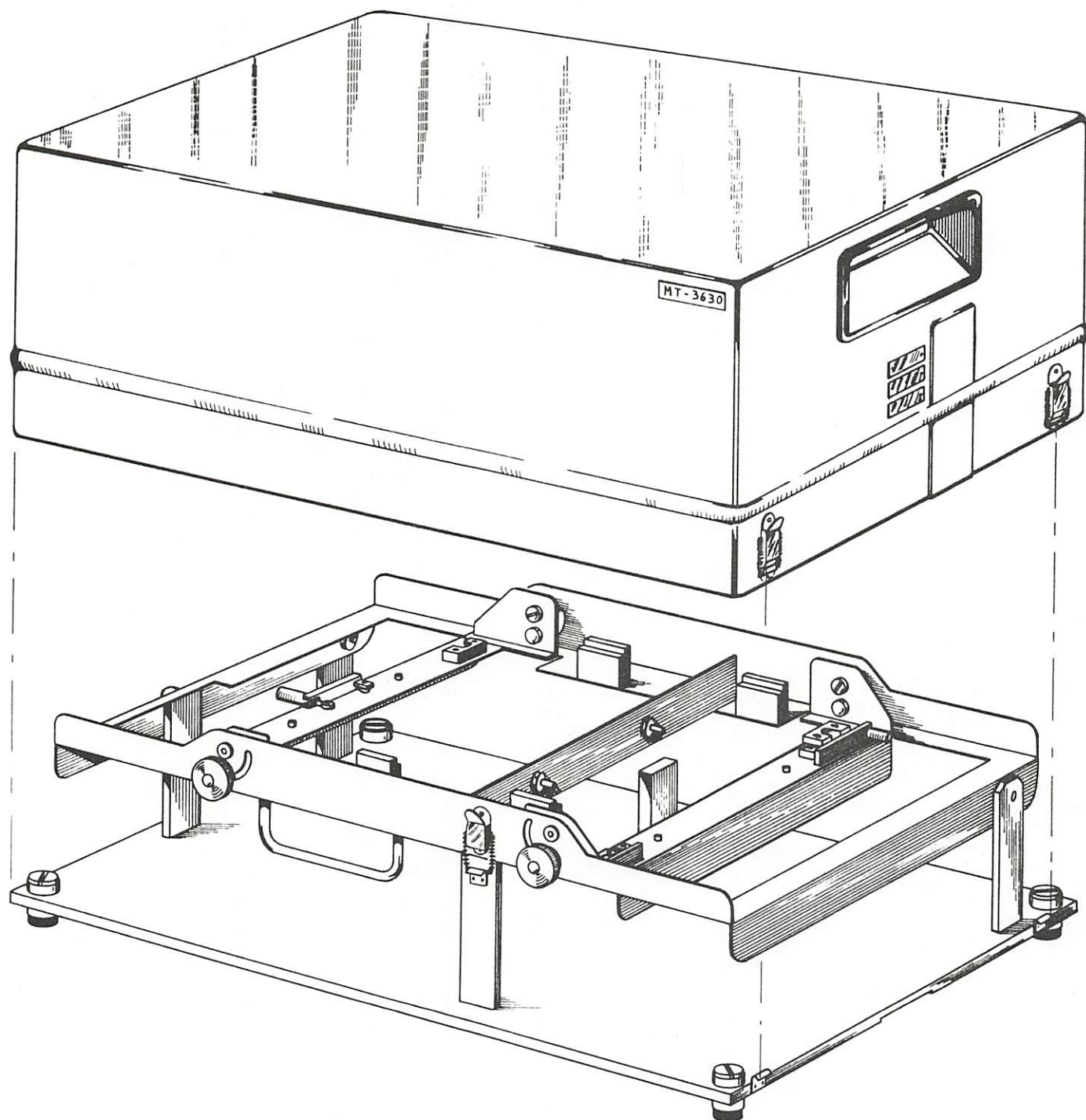




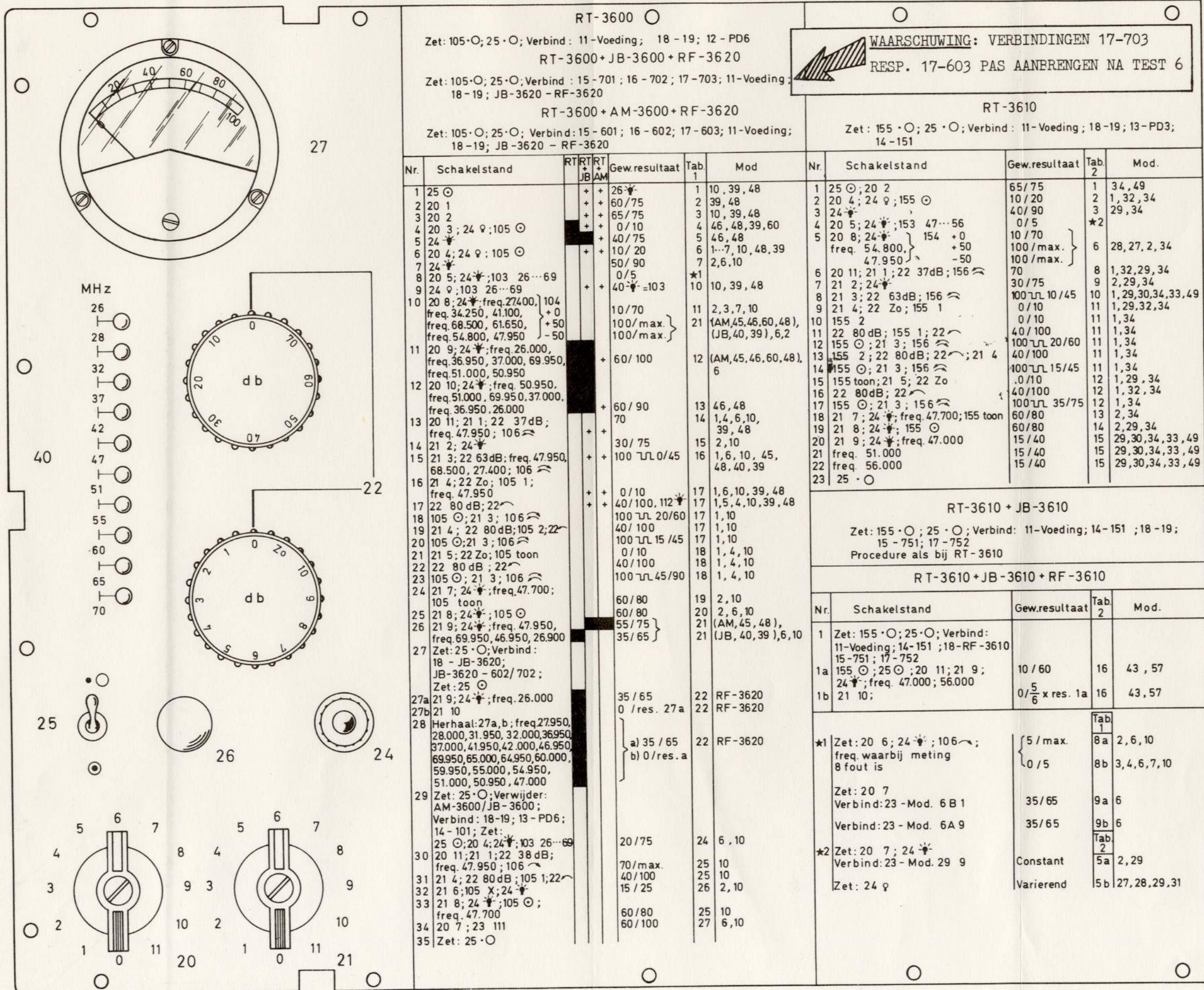


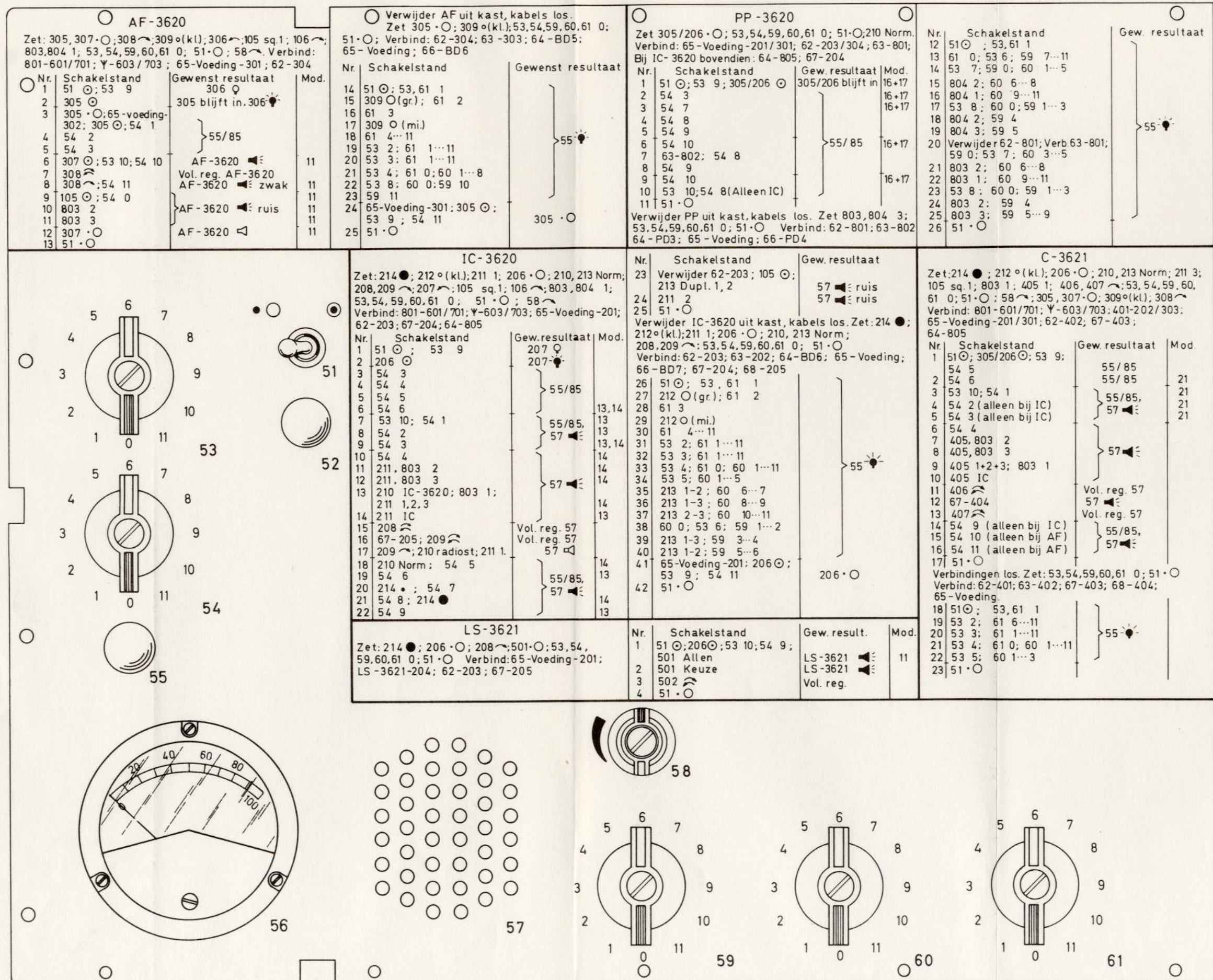
3TH 11-170

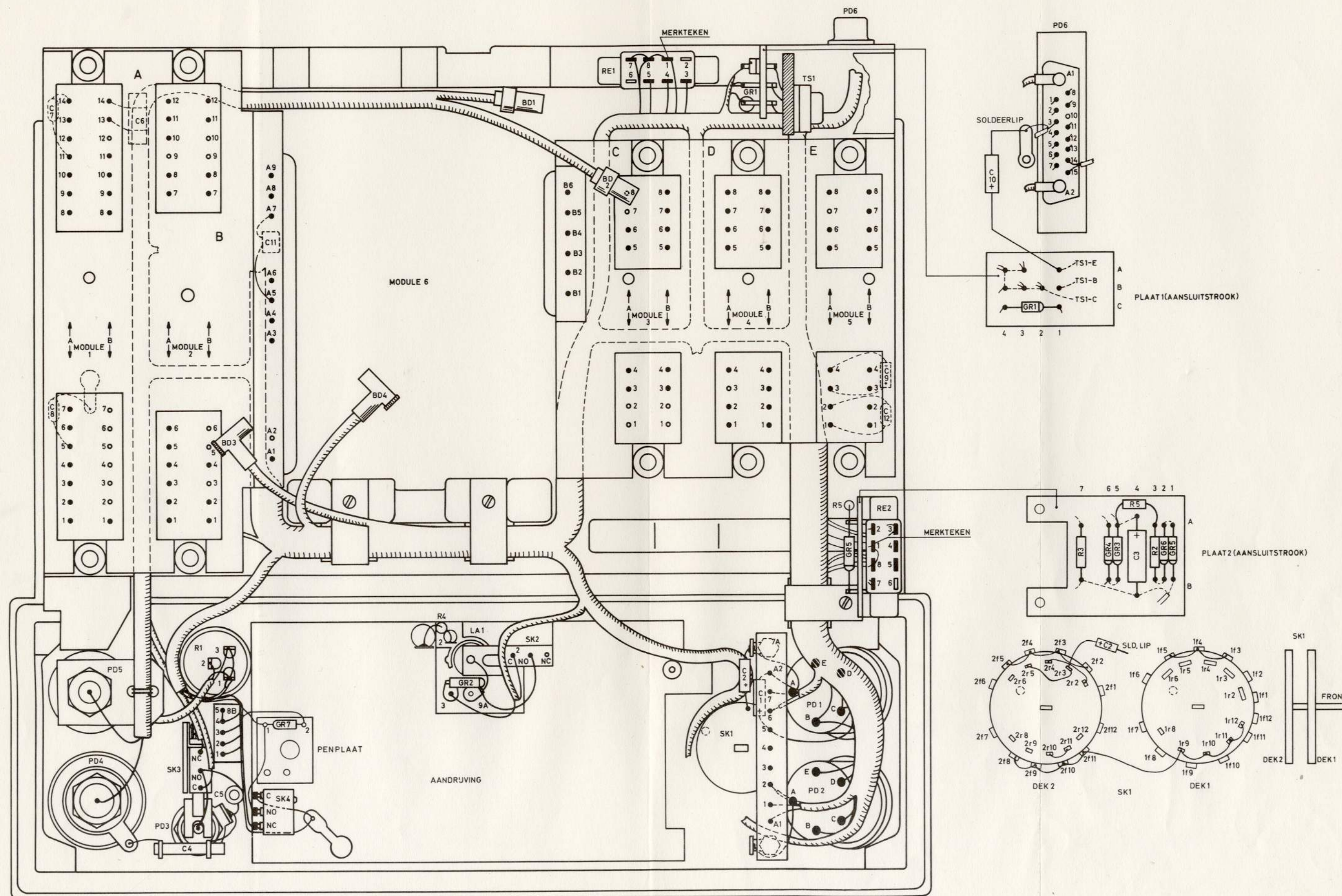


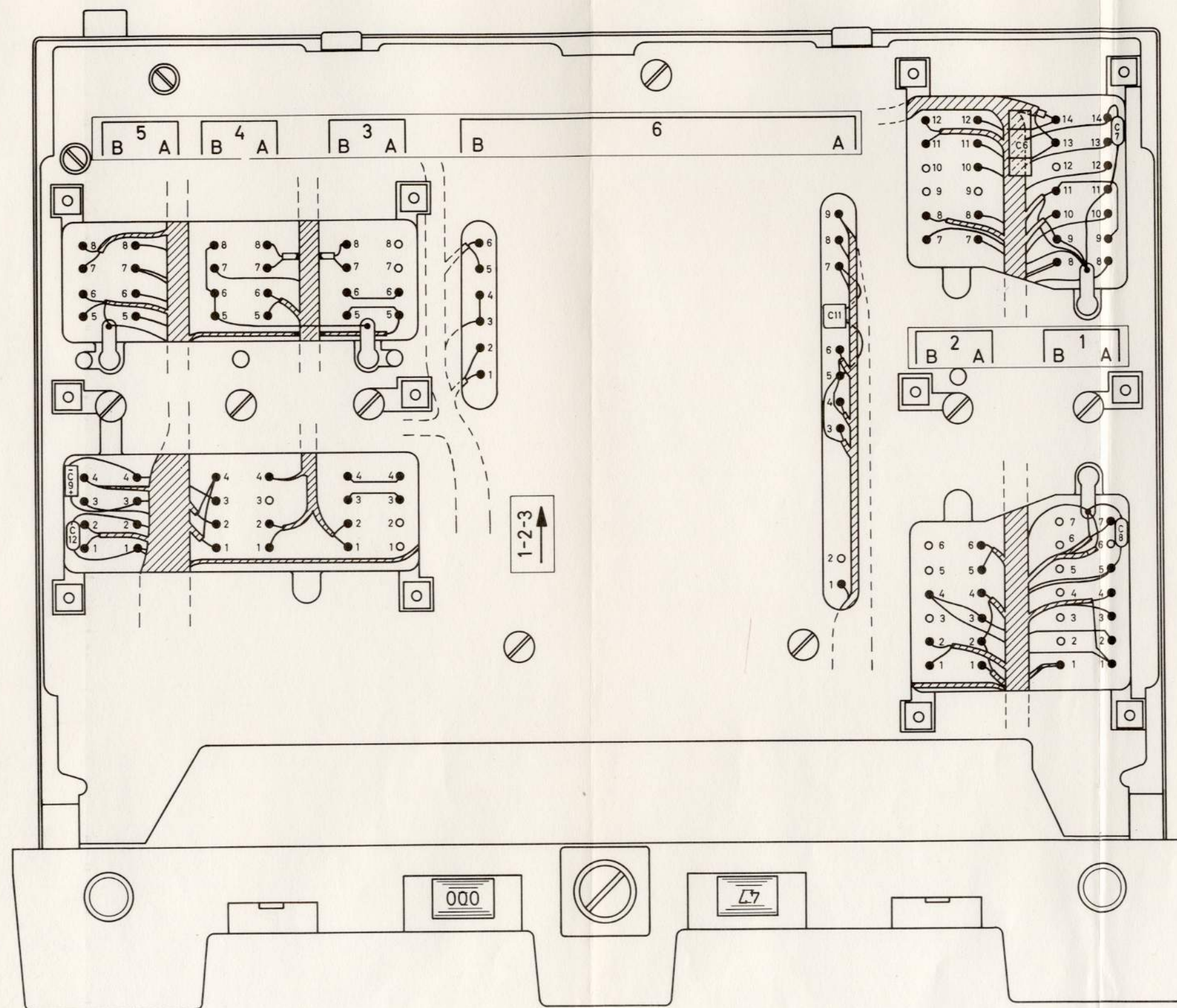


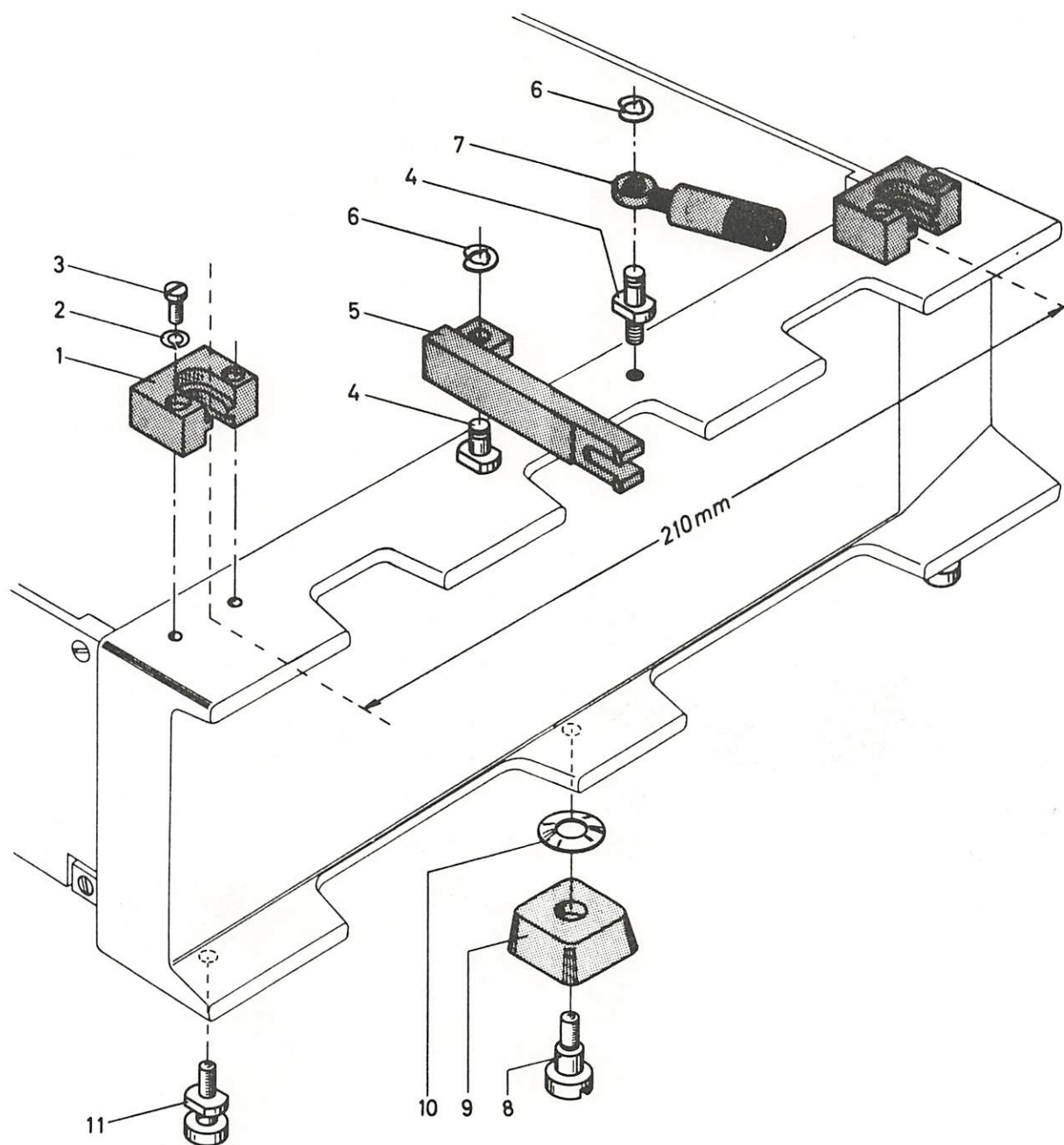
3TH 11-170

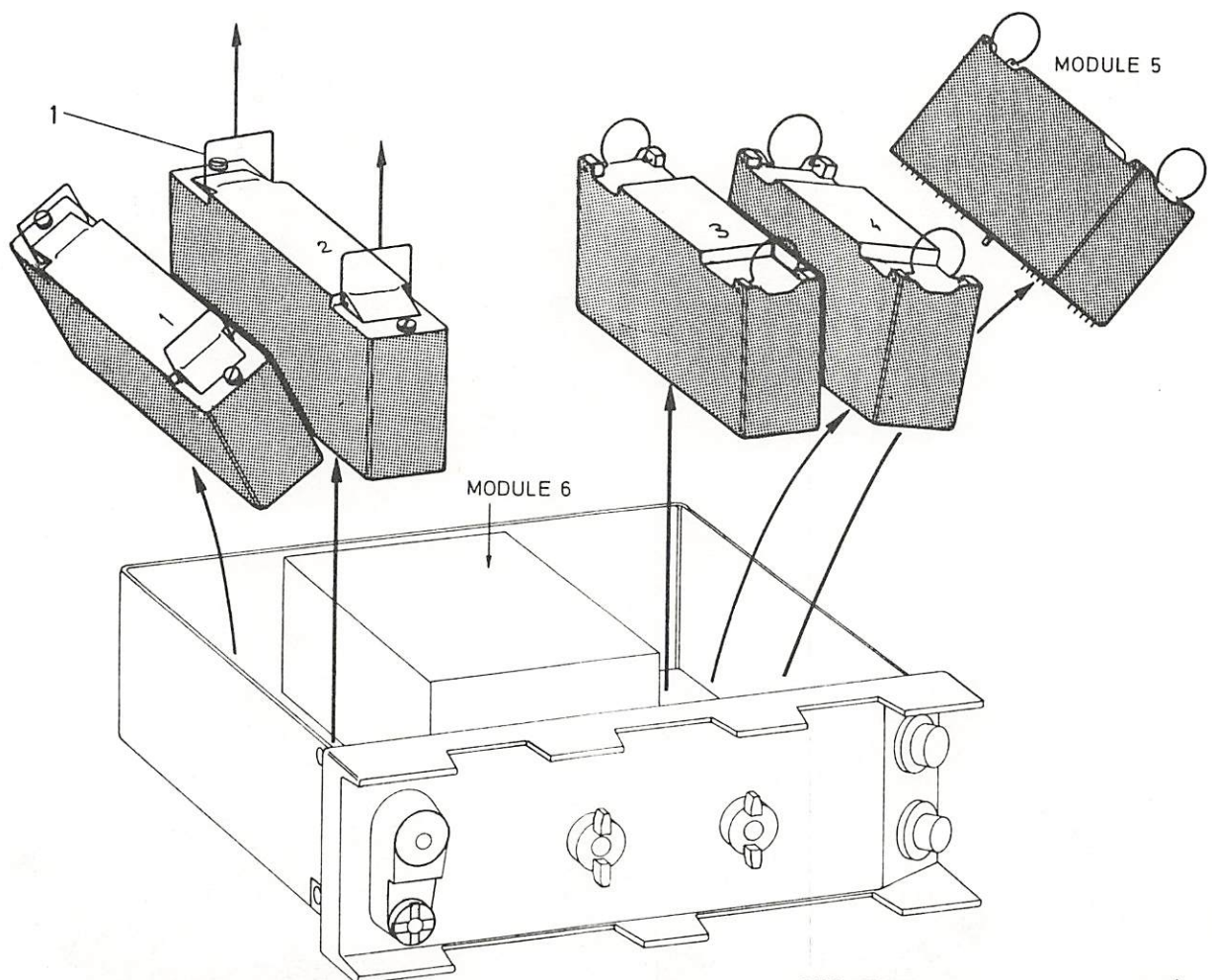
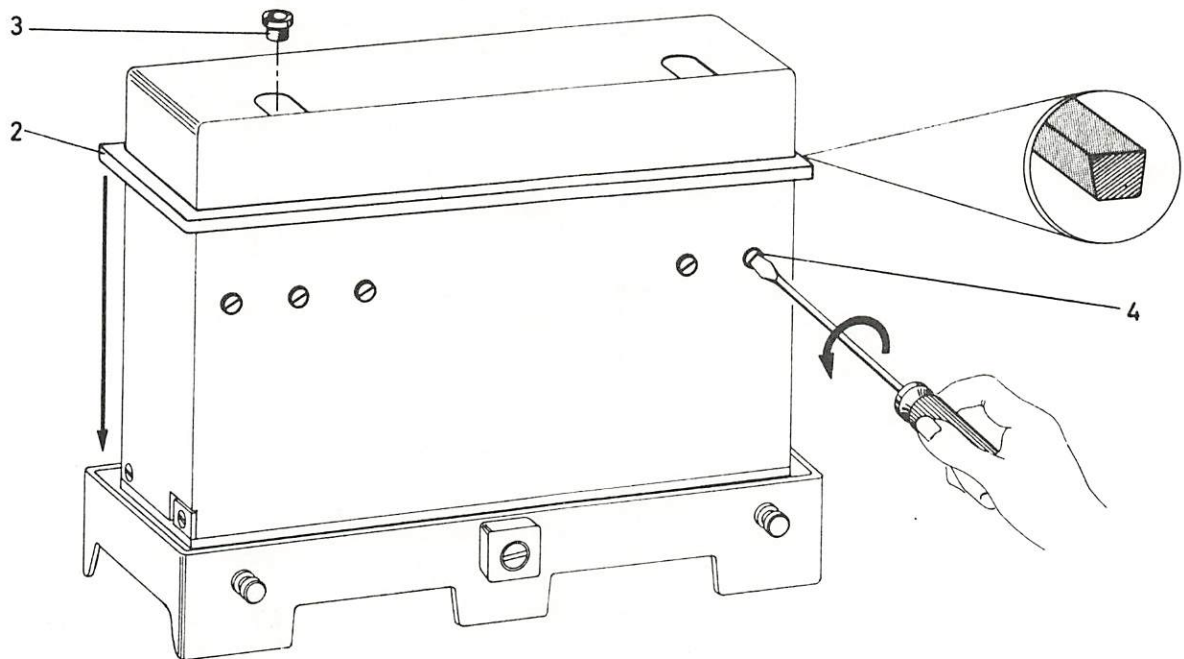




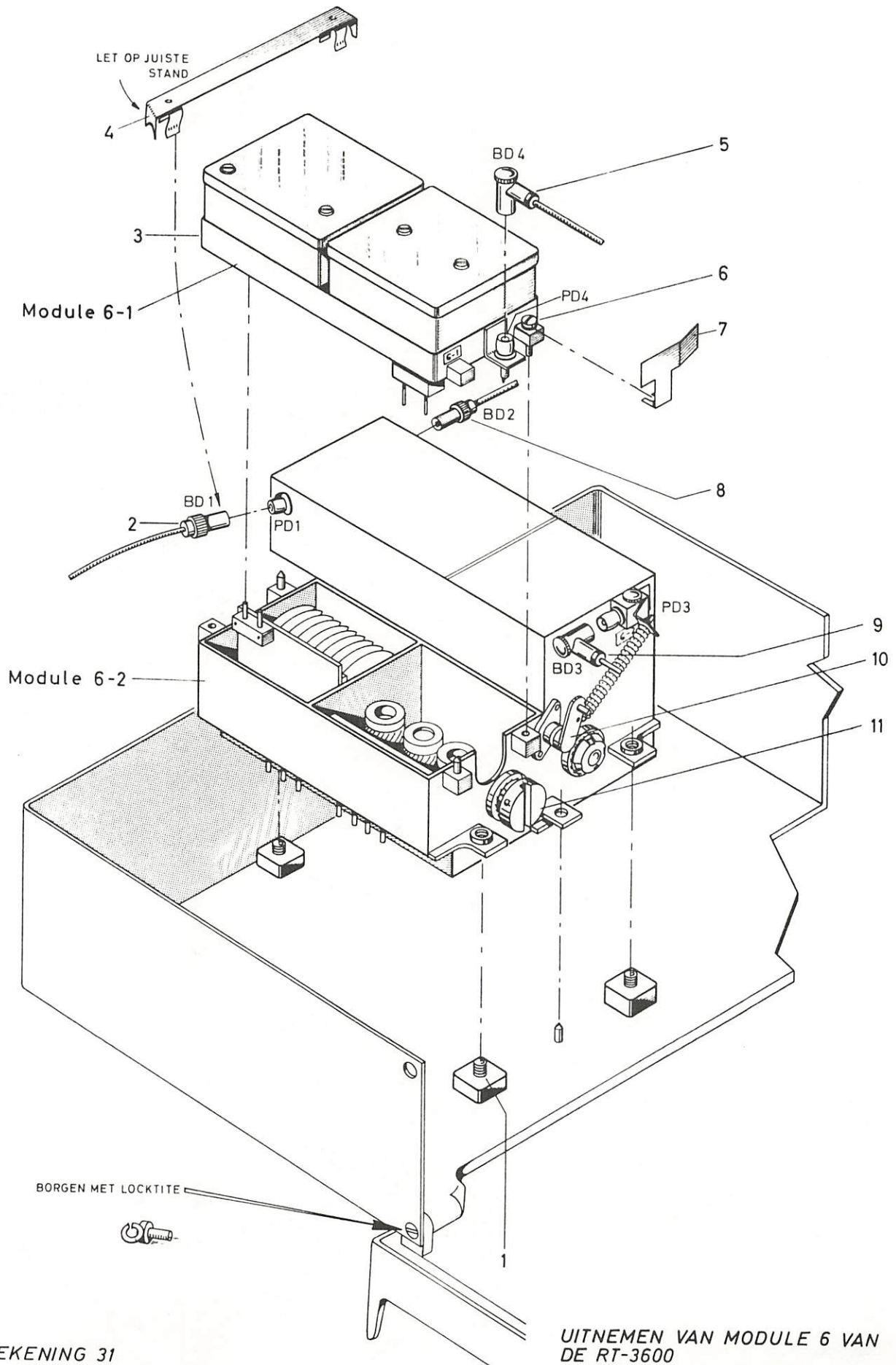


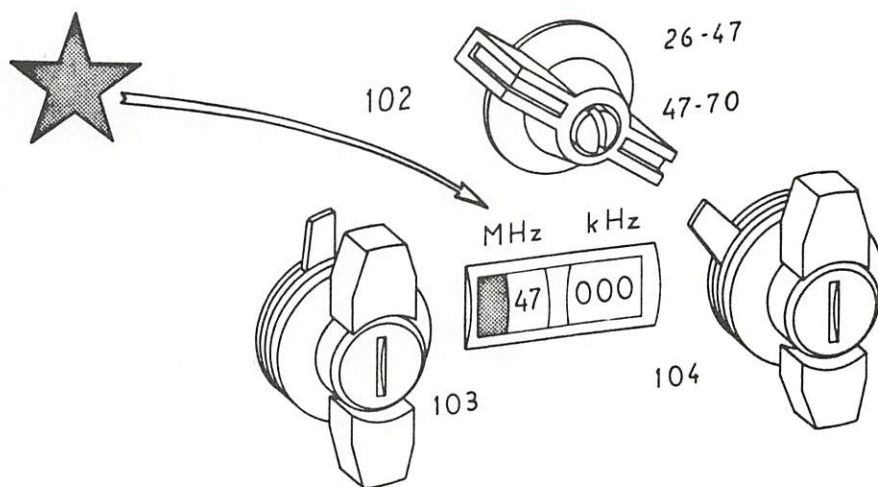




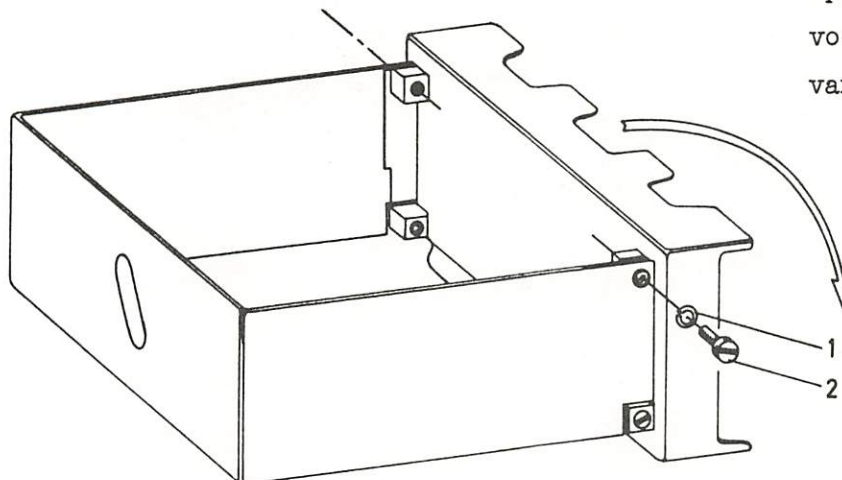


BEUGEL MAG NIET IN AANRAKING KOMEN
MET TRANSISTOR ACHTEROP MODULE 6-1!





STAND VAN DE AFSTEMKNOPPEN BIJ HET OPENDRAAIEN VAN HET FRONT

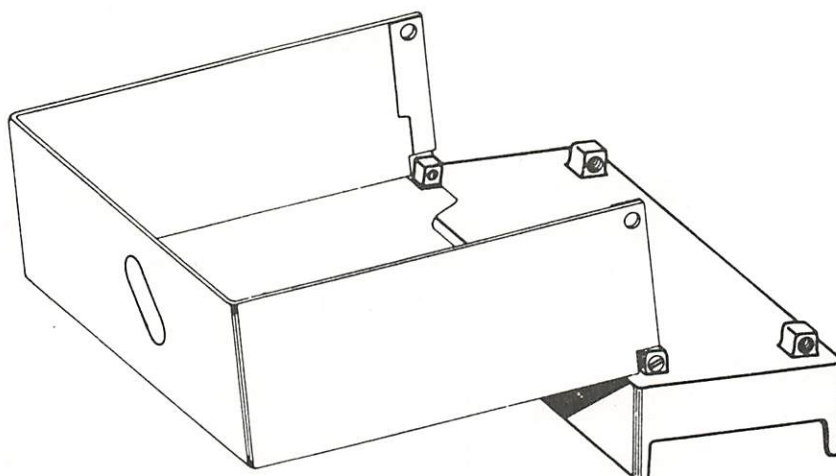


Opmerking:

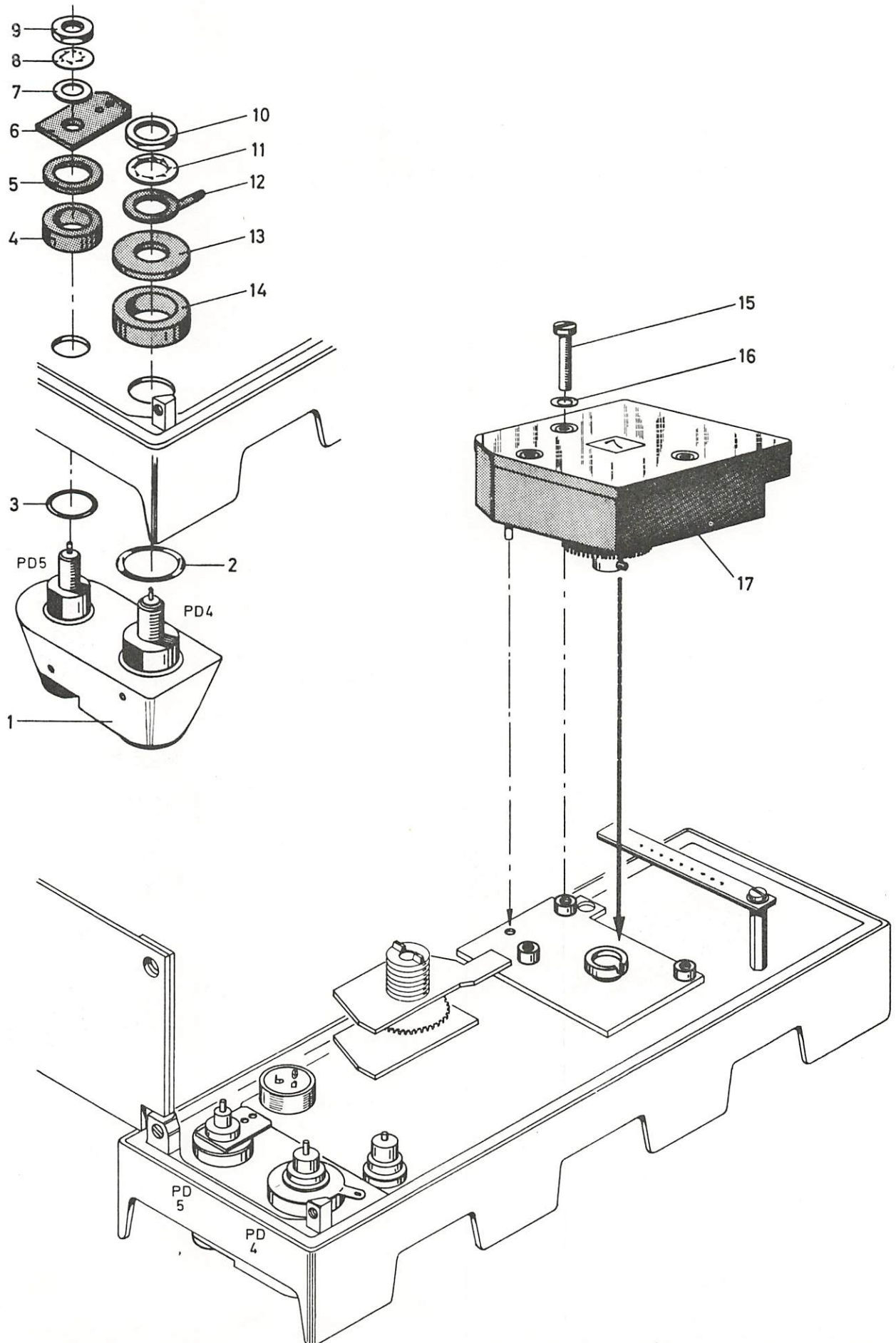
voor het dichtscharnieren
van het front -- zie

3TH11-170/1 hoofdstuk

2; sectie 3 punt 30a (5).

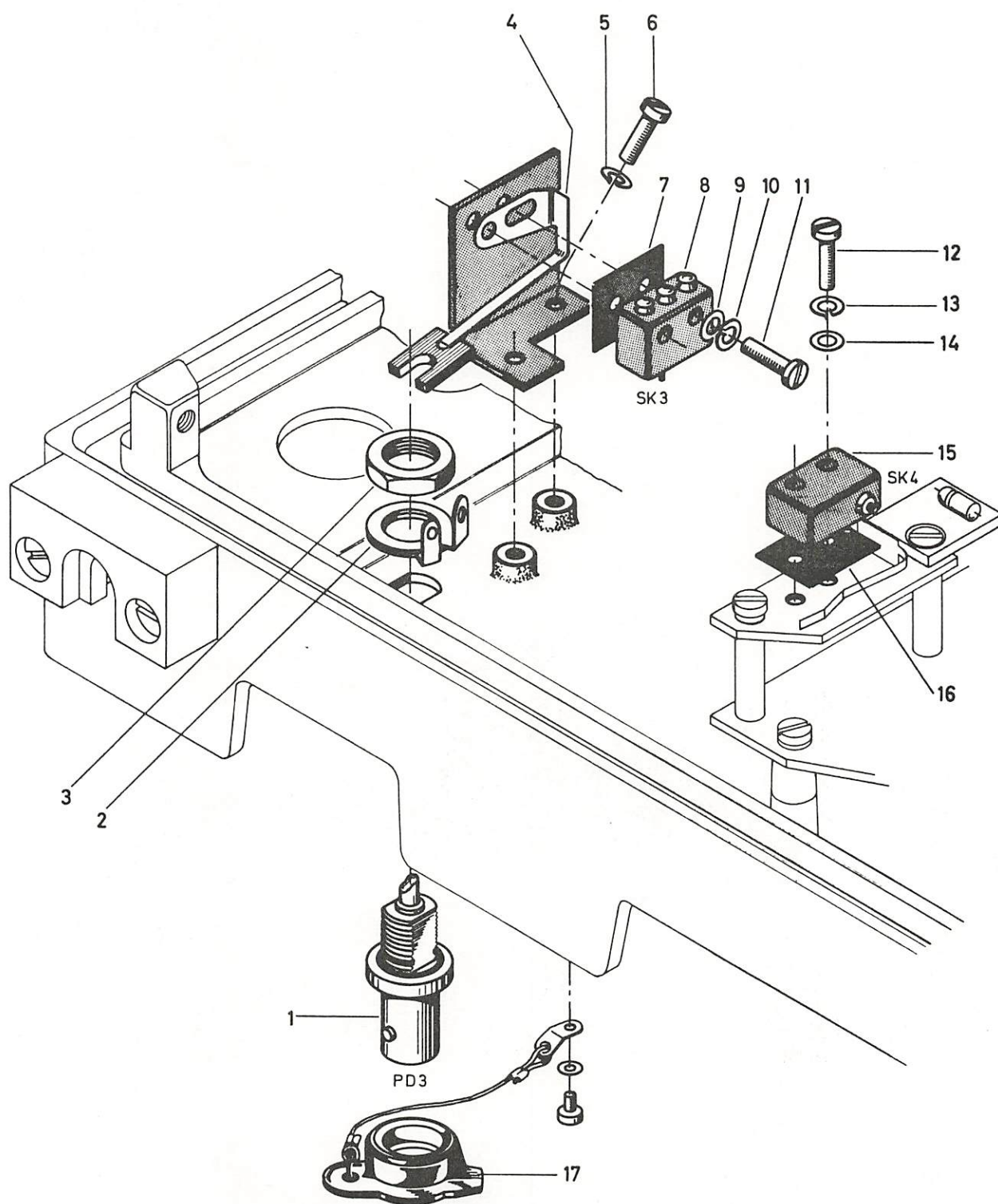


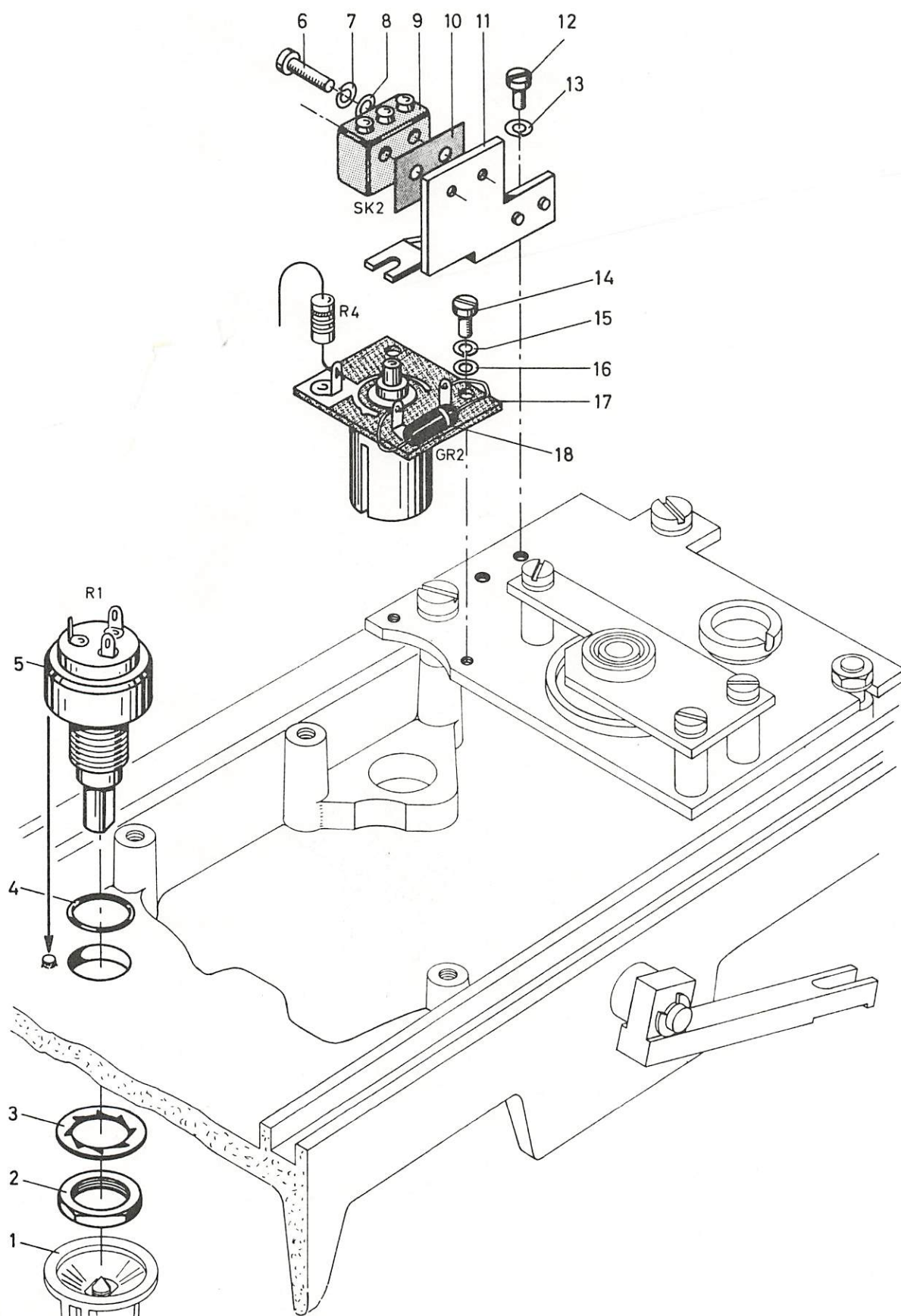
3 TH 11-170



TEKENING 33

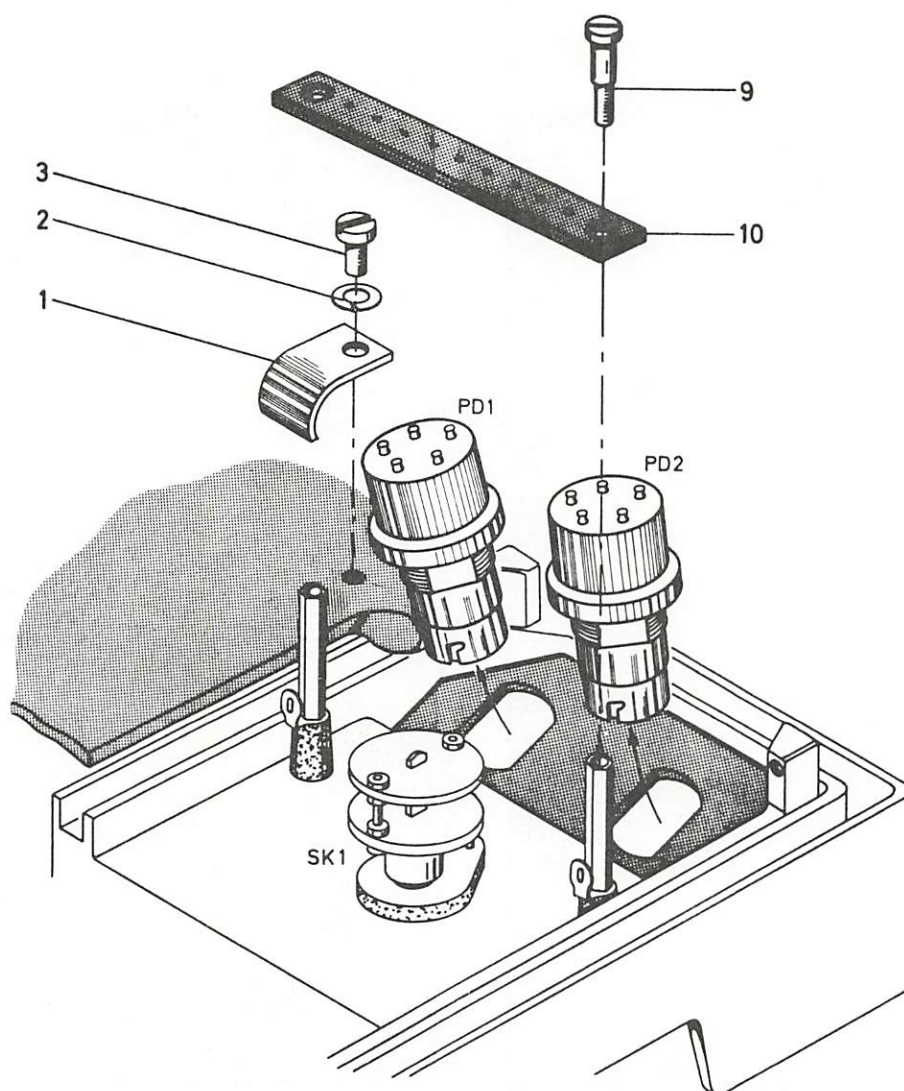
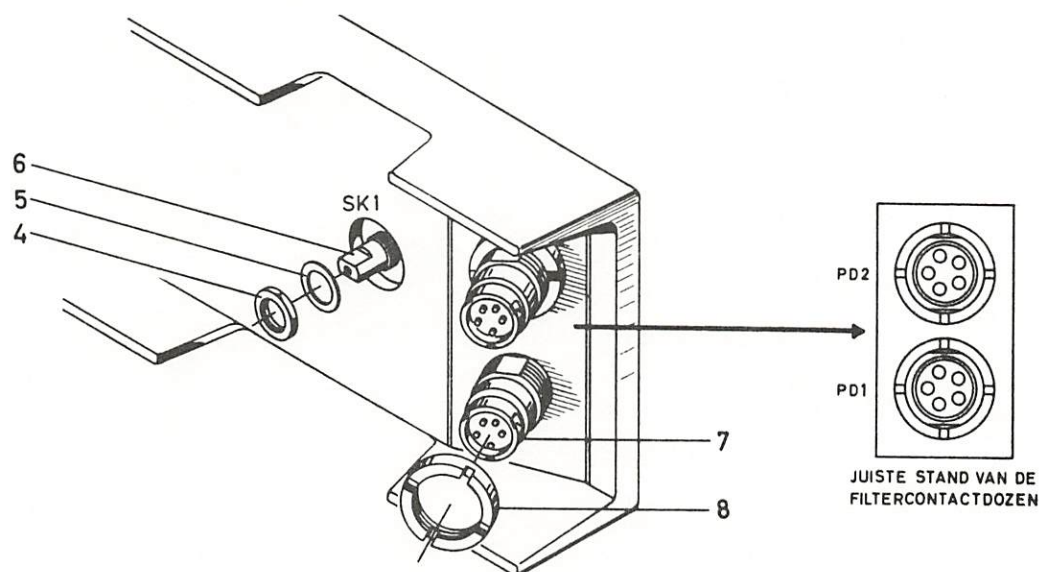
UITNEMEN VAN MODULE 7 EN
CONNECTORSAMENSTEL RT-3600

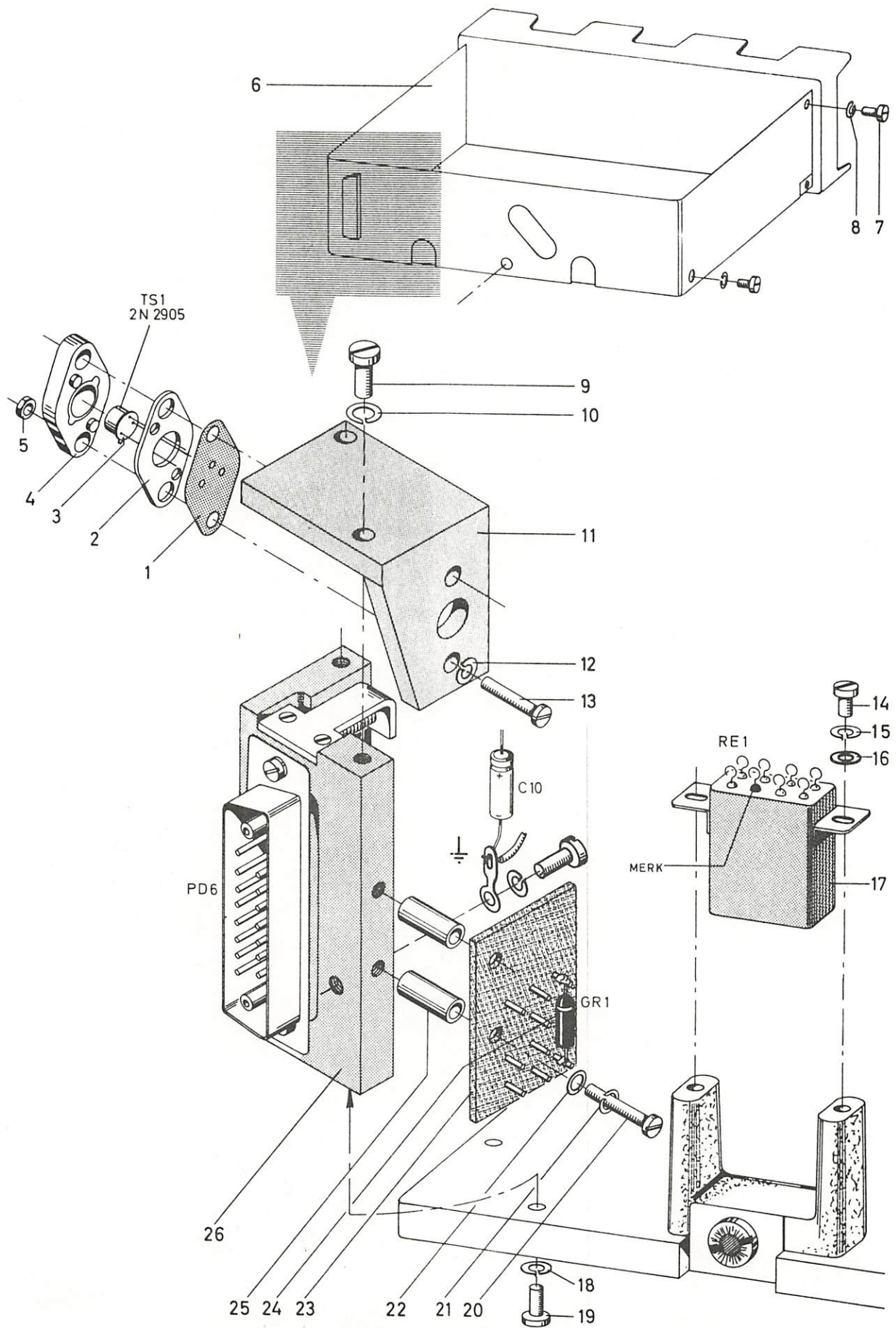


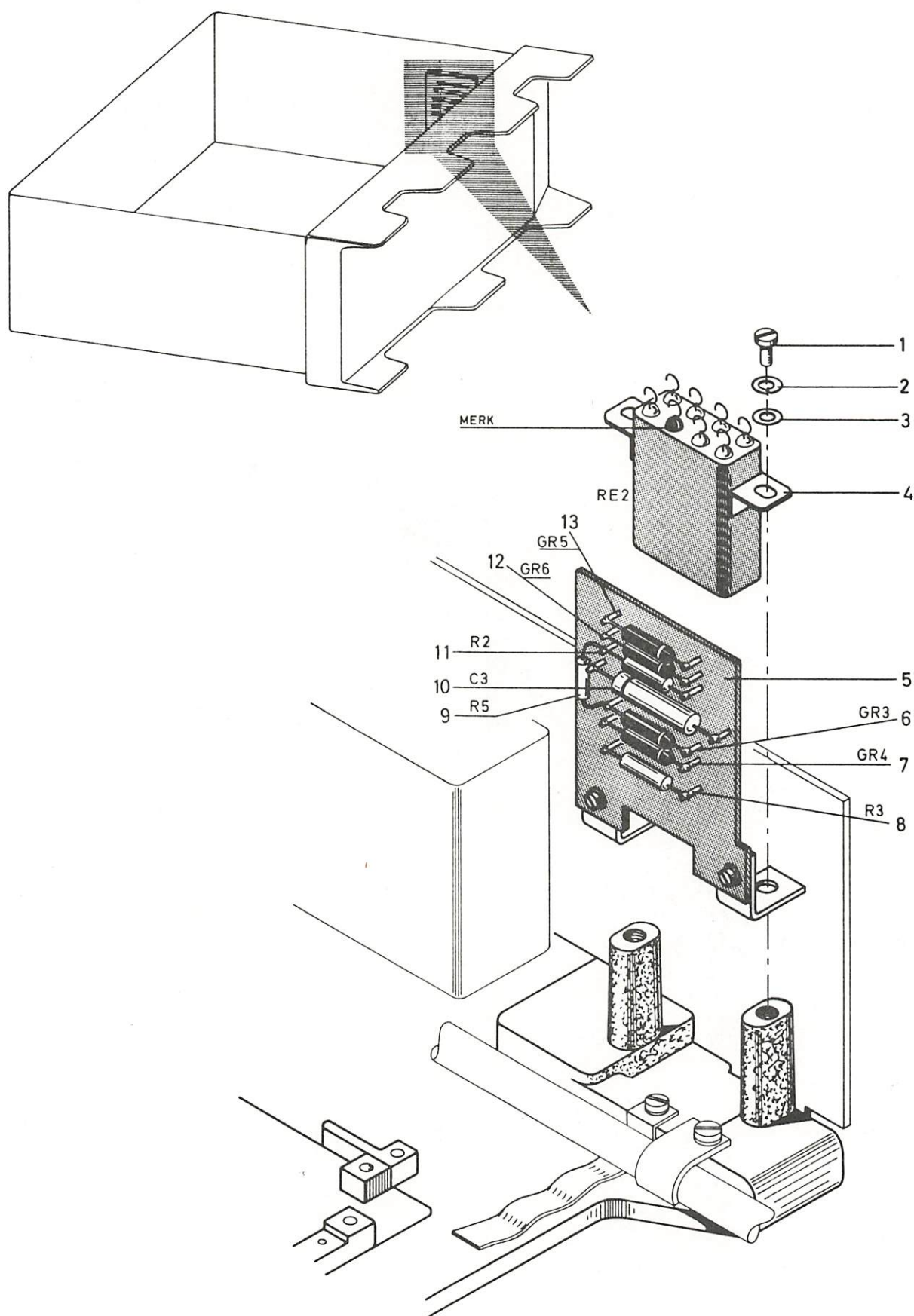


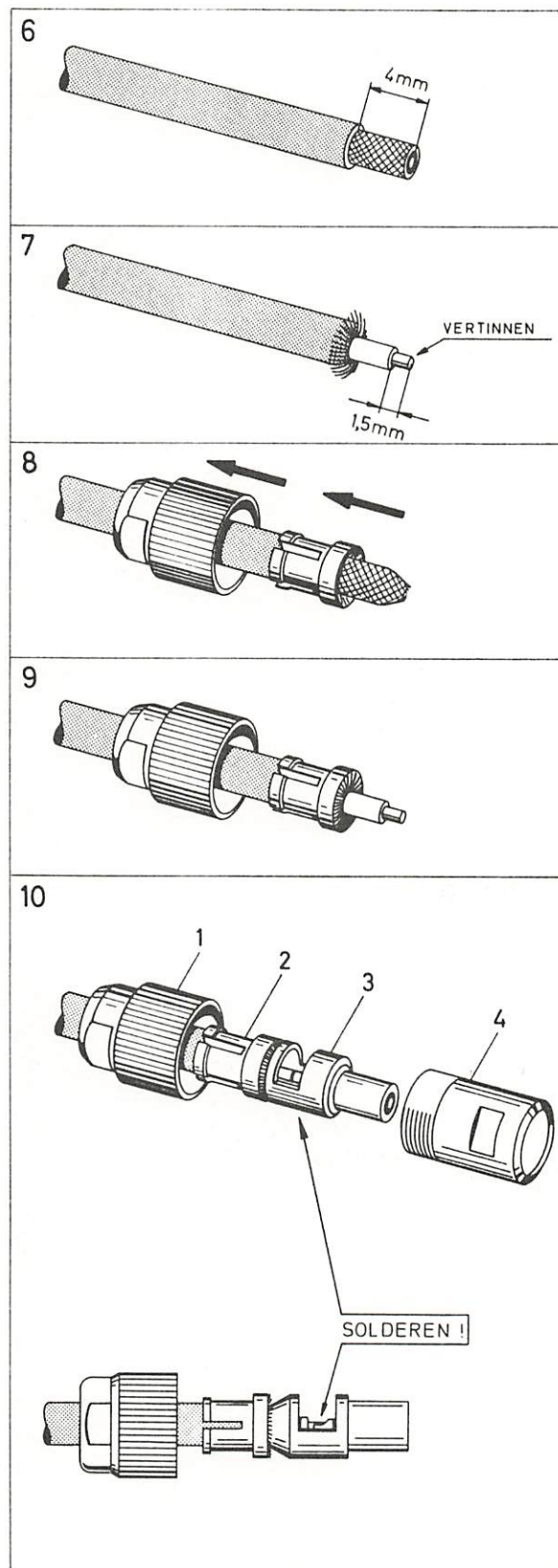
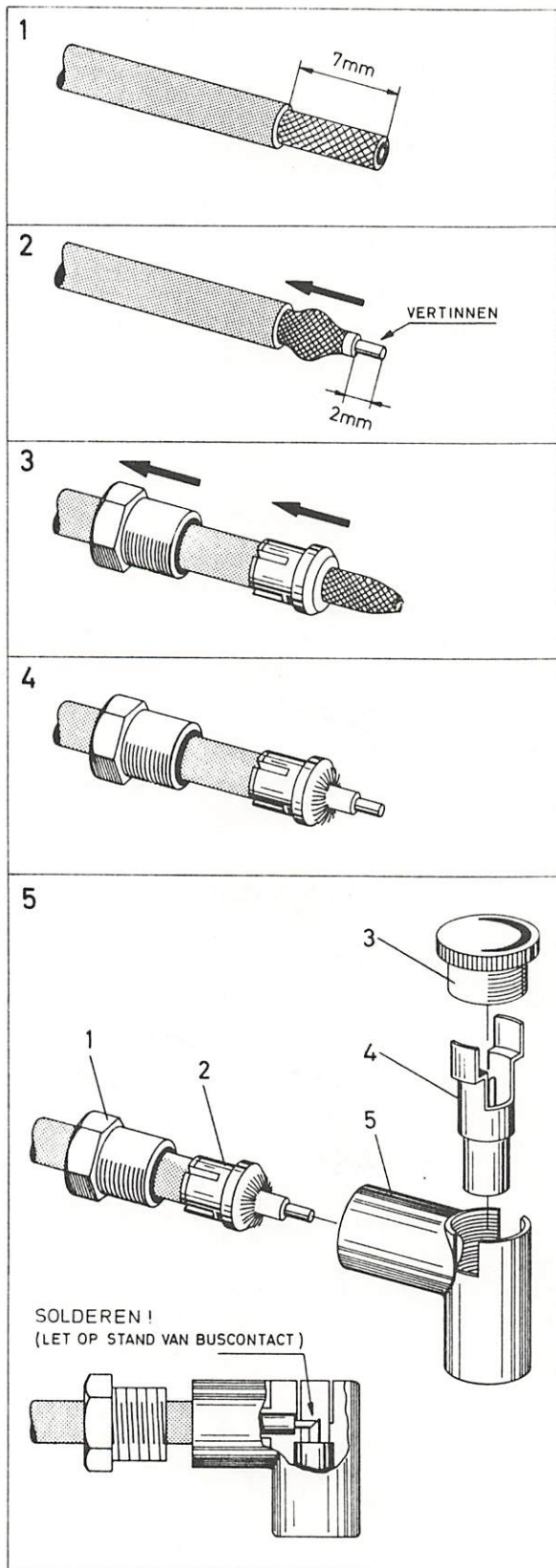
TEKENING 35

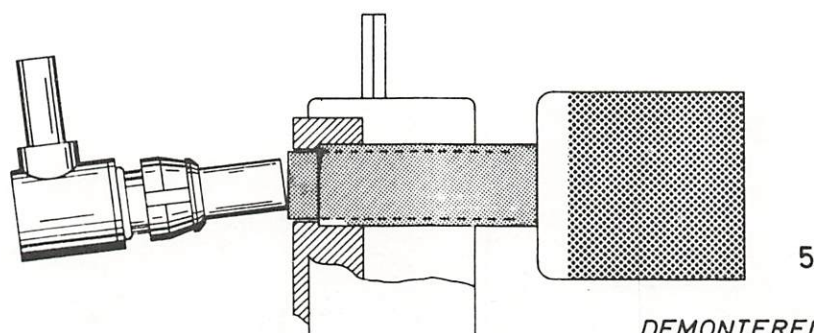
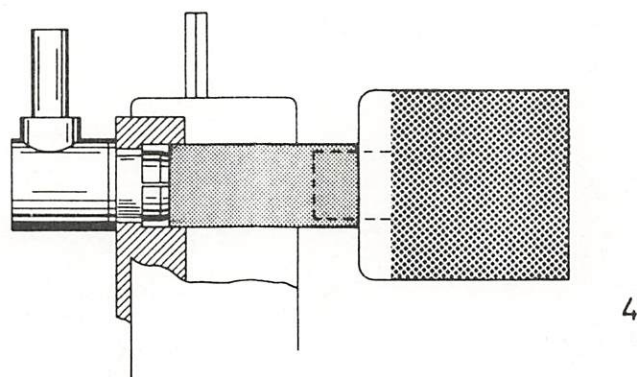
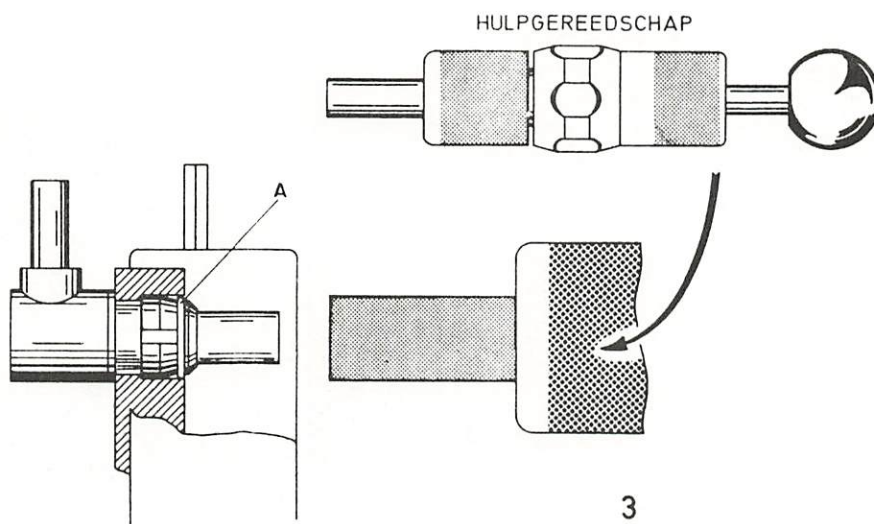
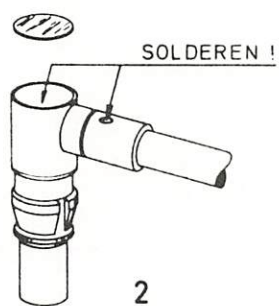
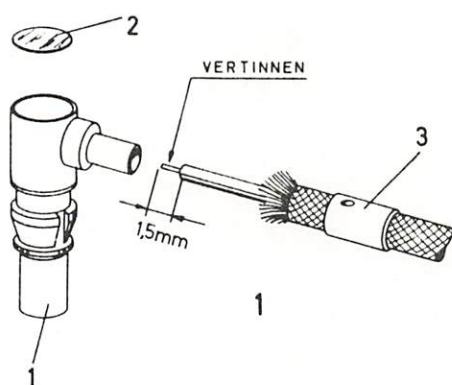
VERVANGEN VAN REGELBARE
WEERSTAND R1, SCHAKELAAR
SK2 EN DRUKKNOPSCHAKELAAR
RT-3600

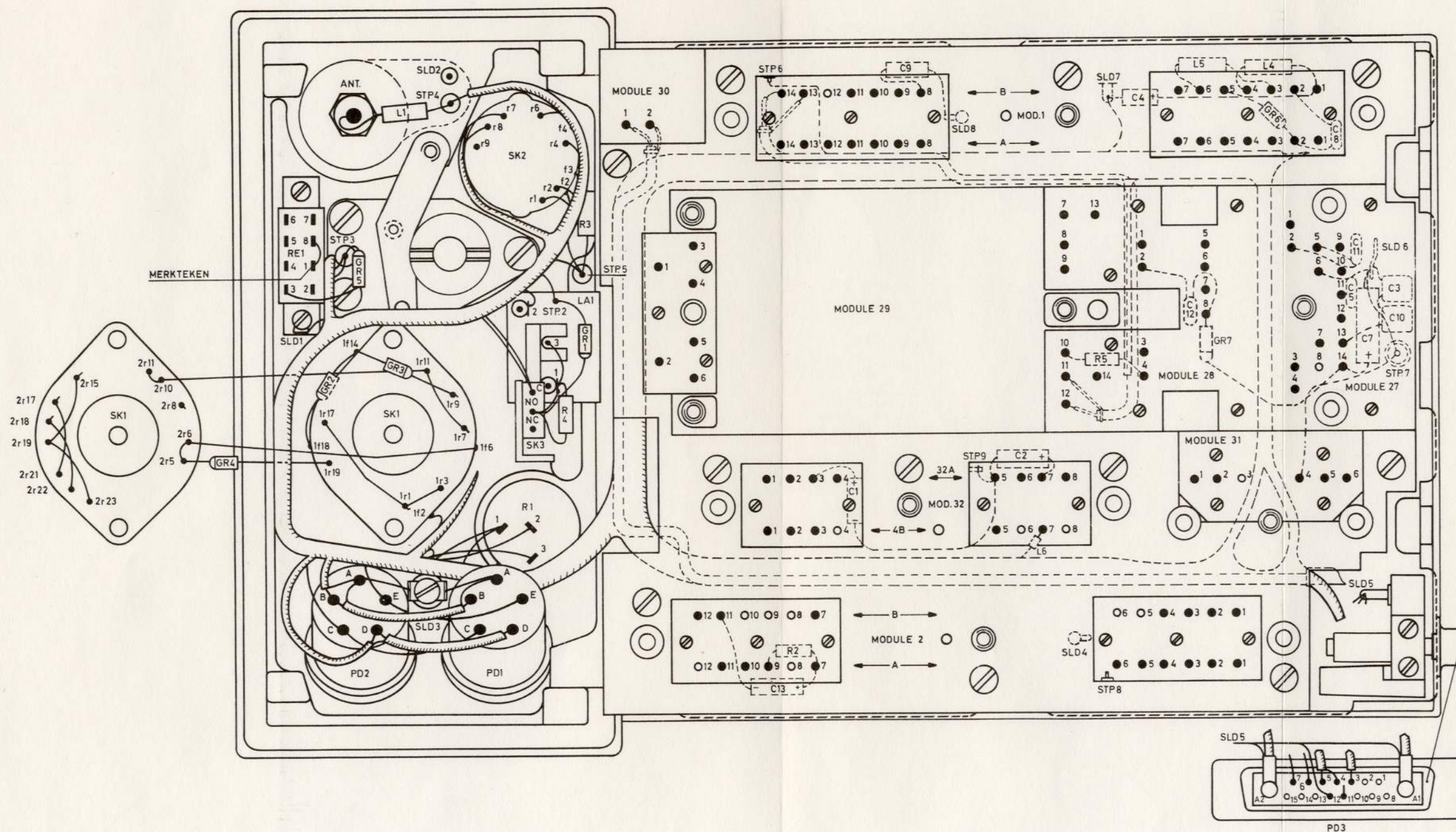


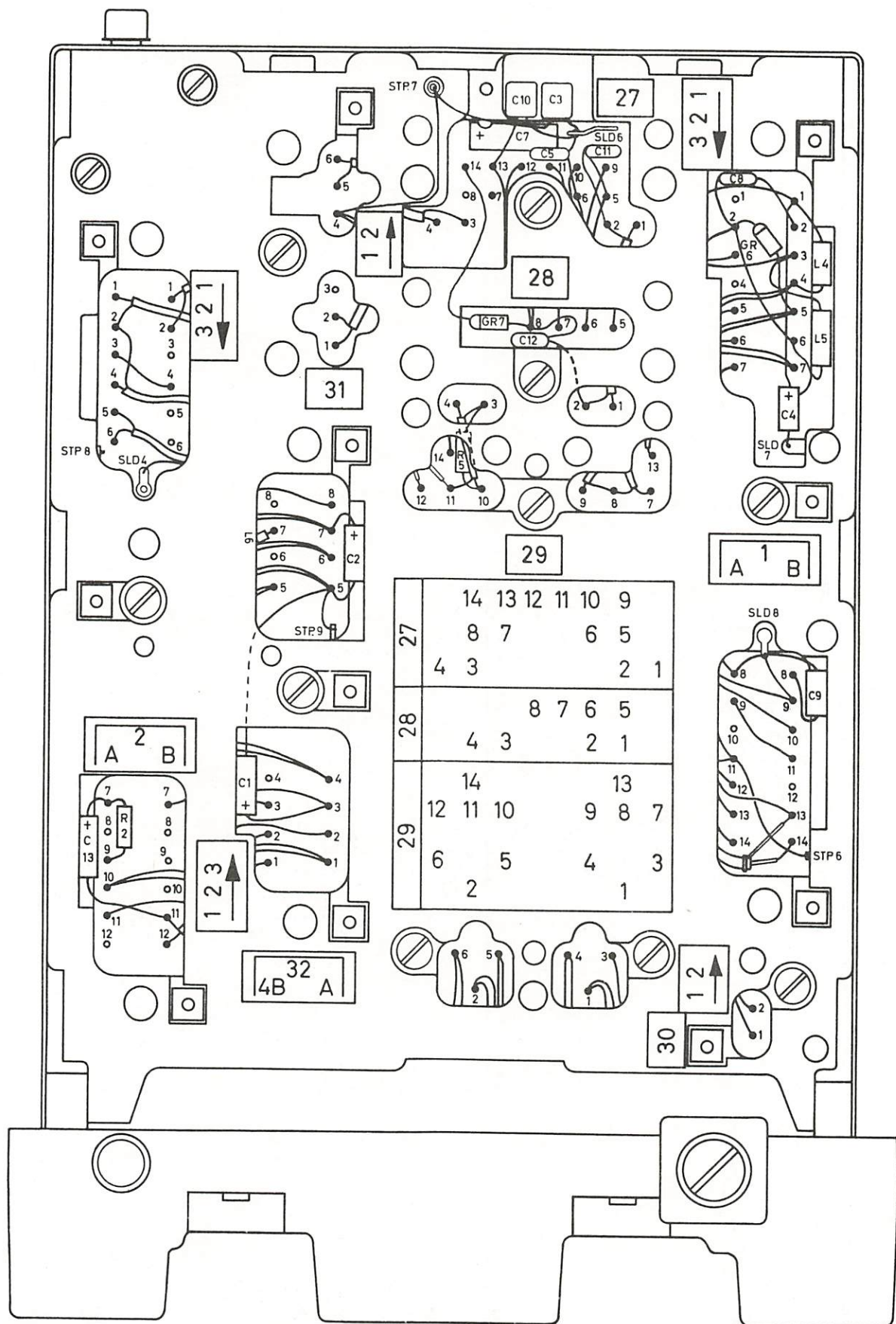


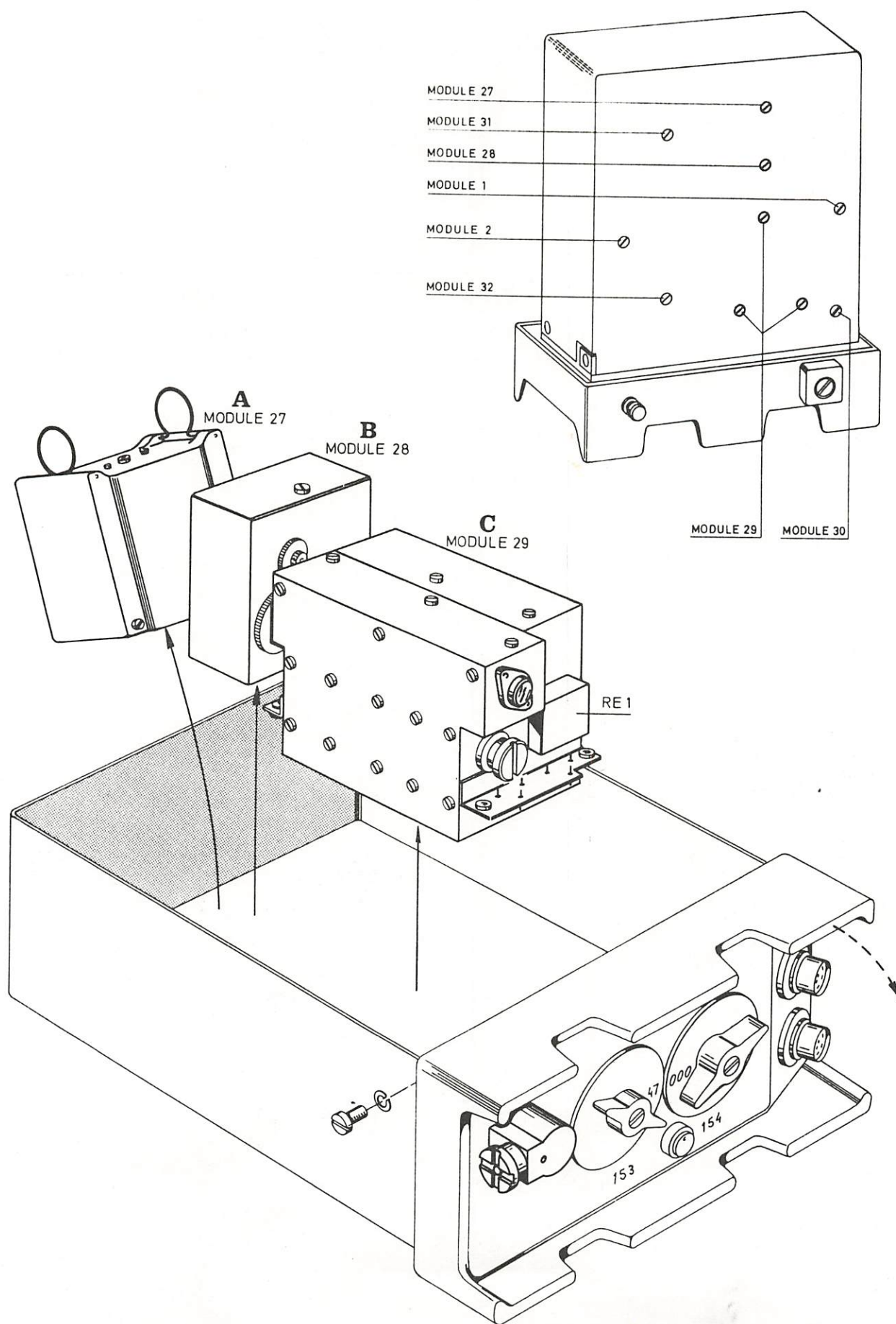


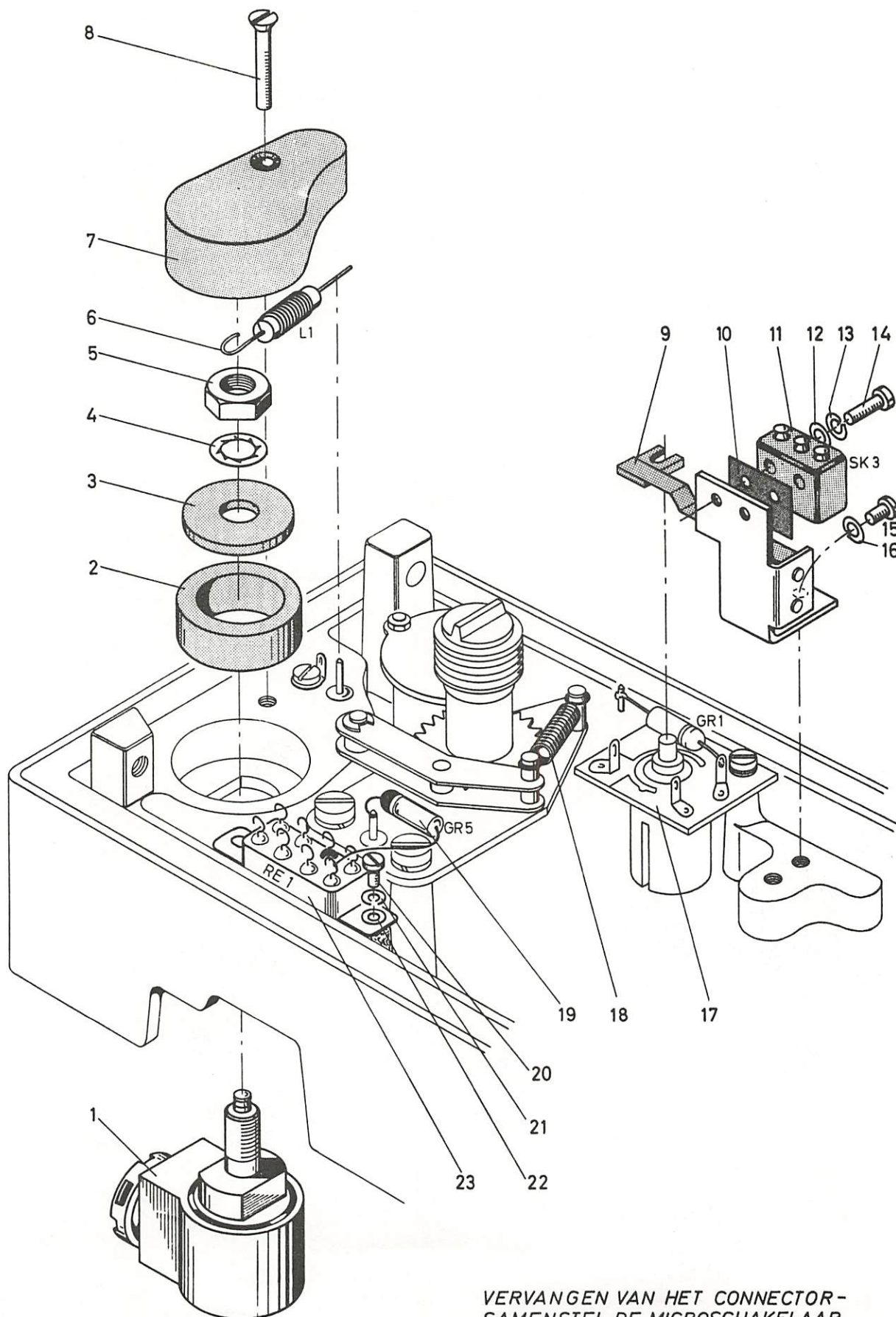




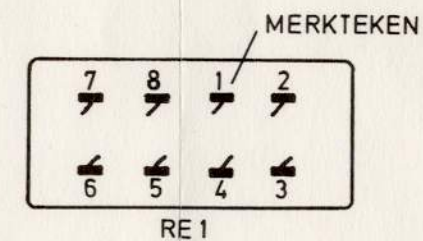
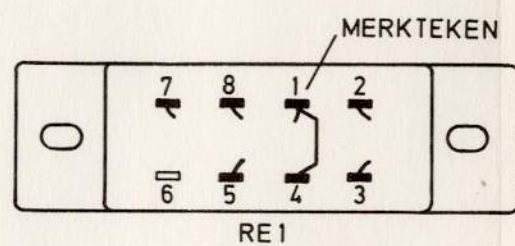
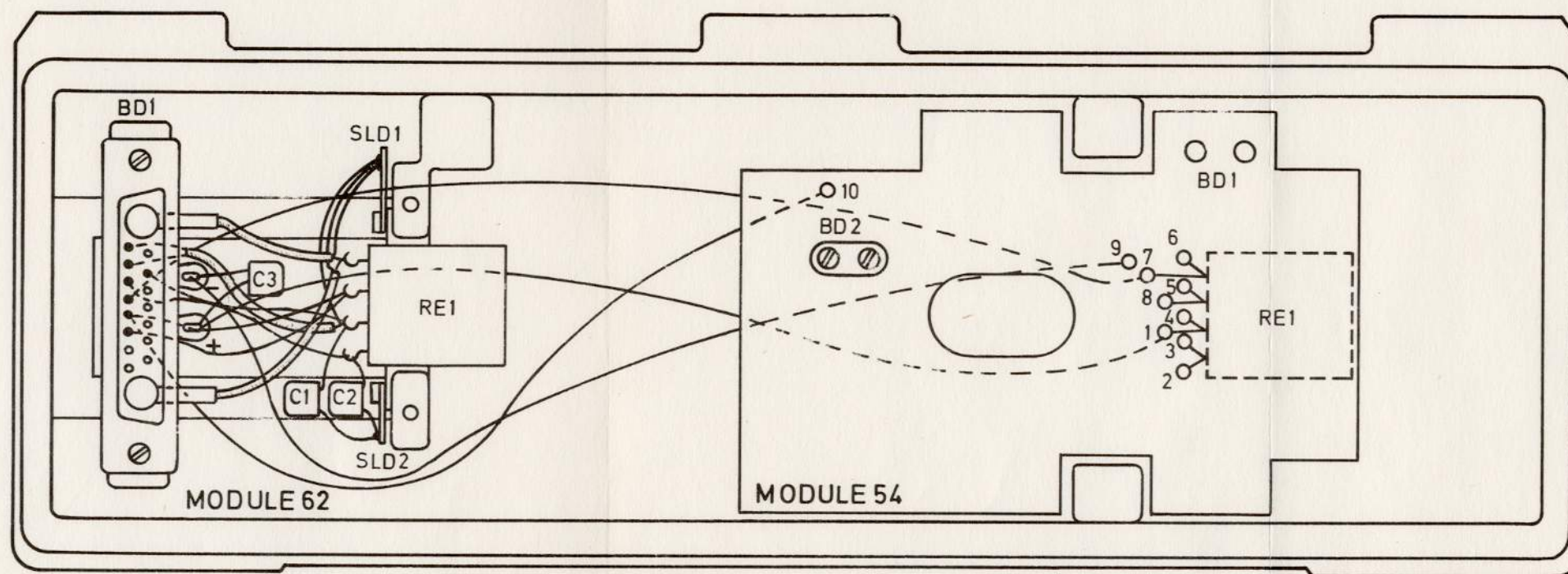
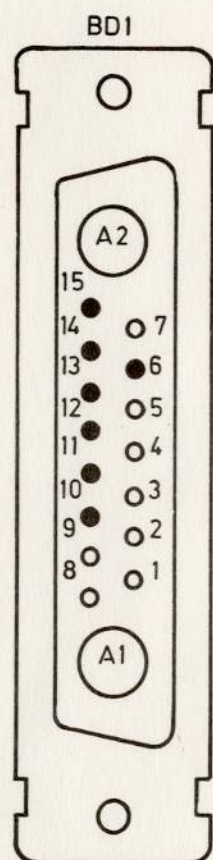


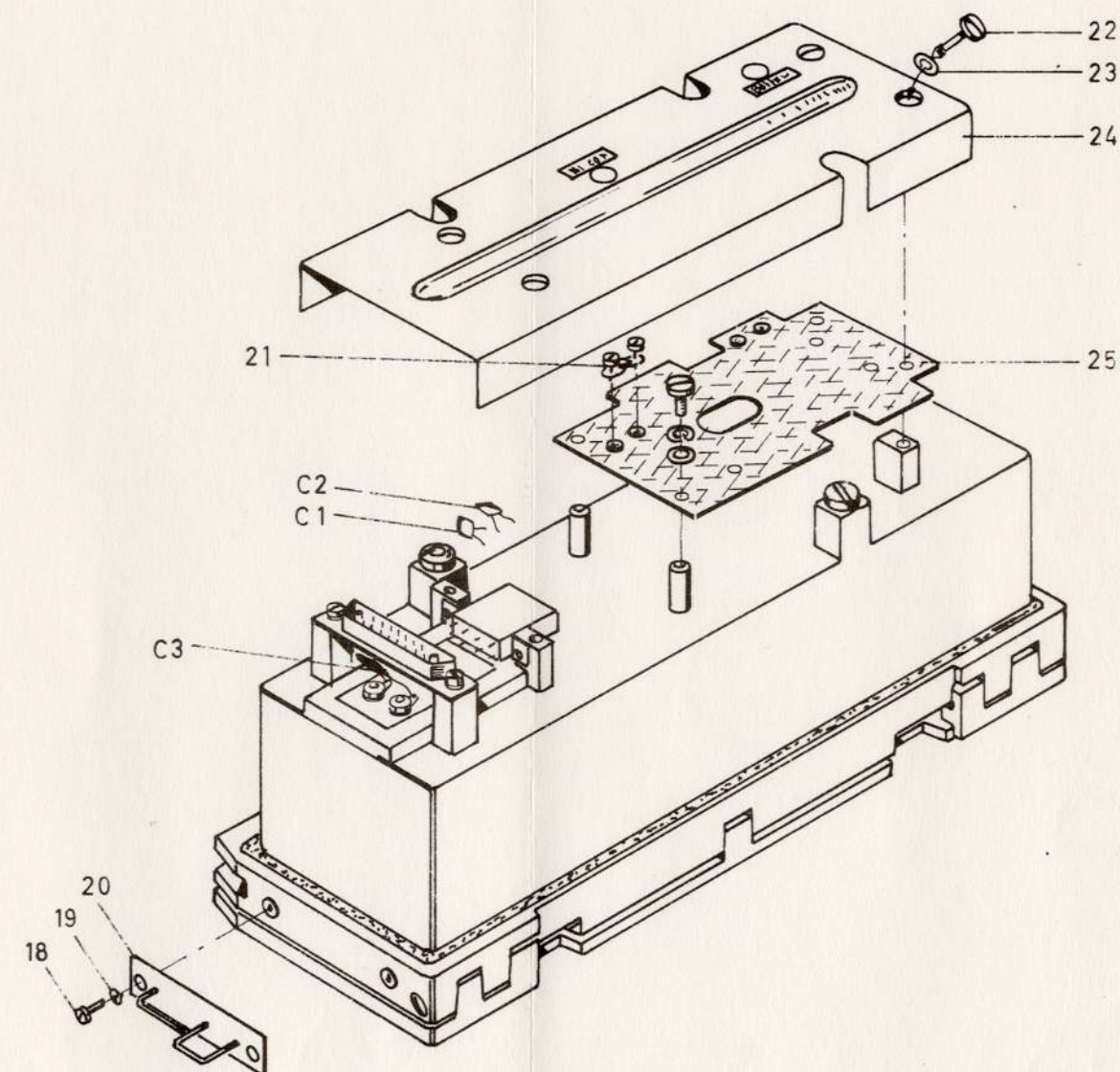
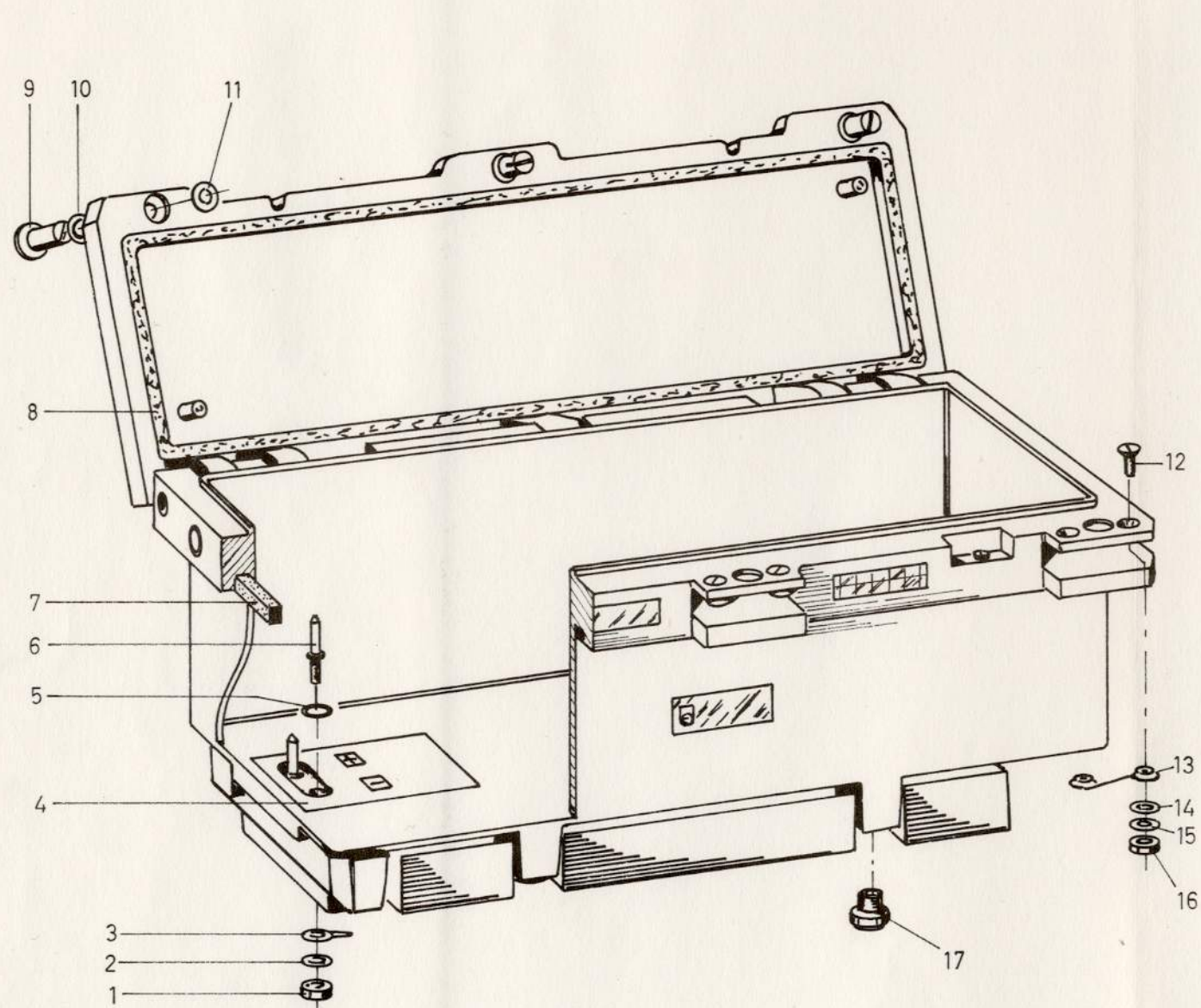


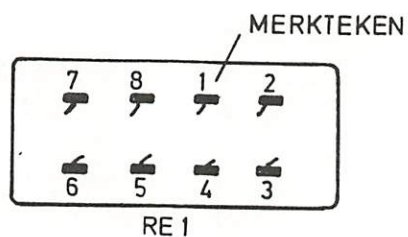
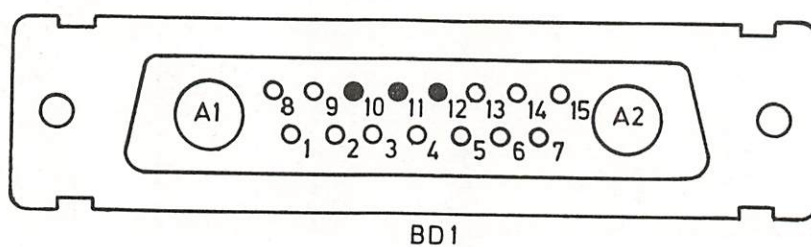
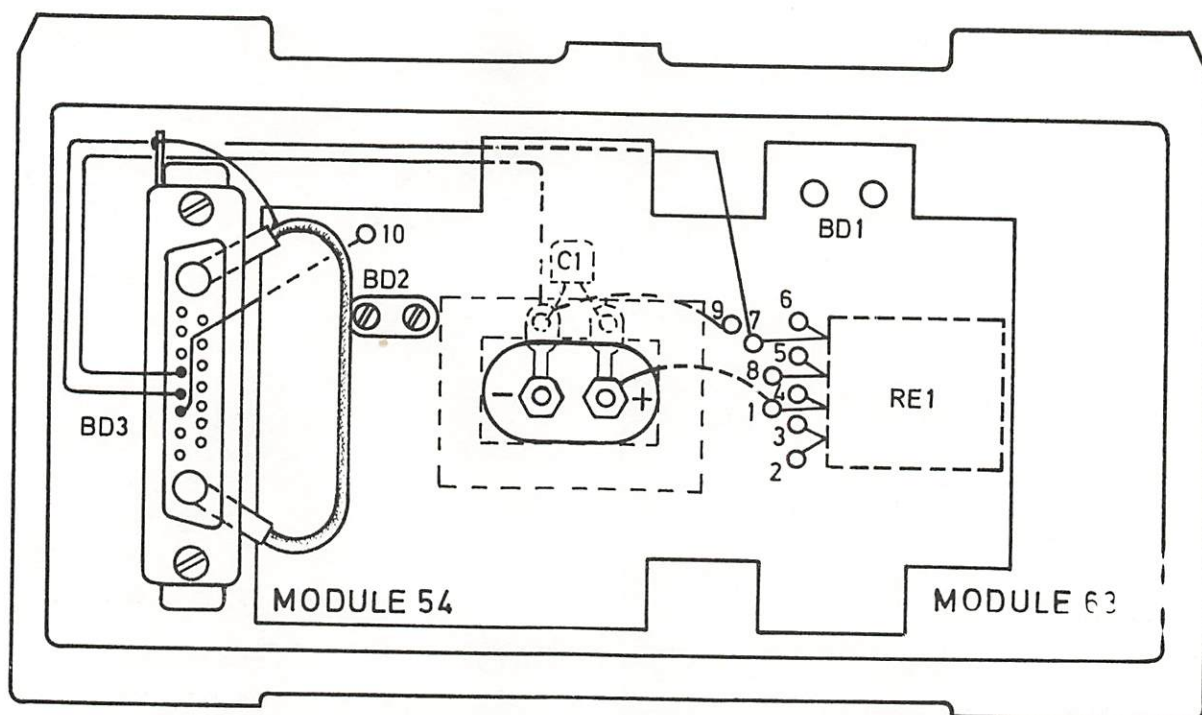


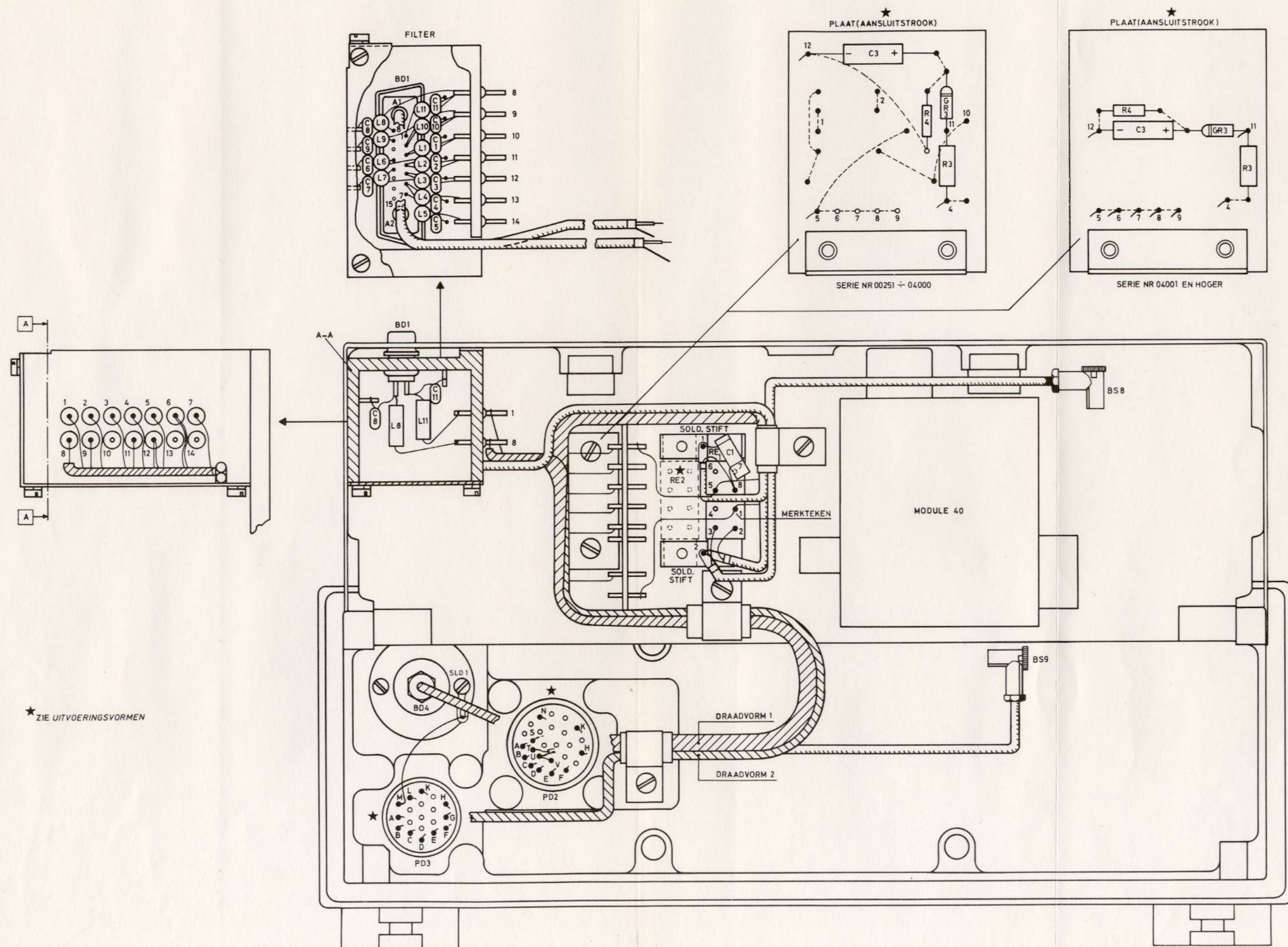


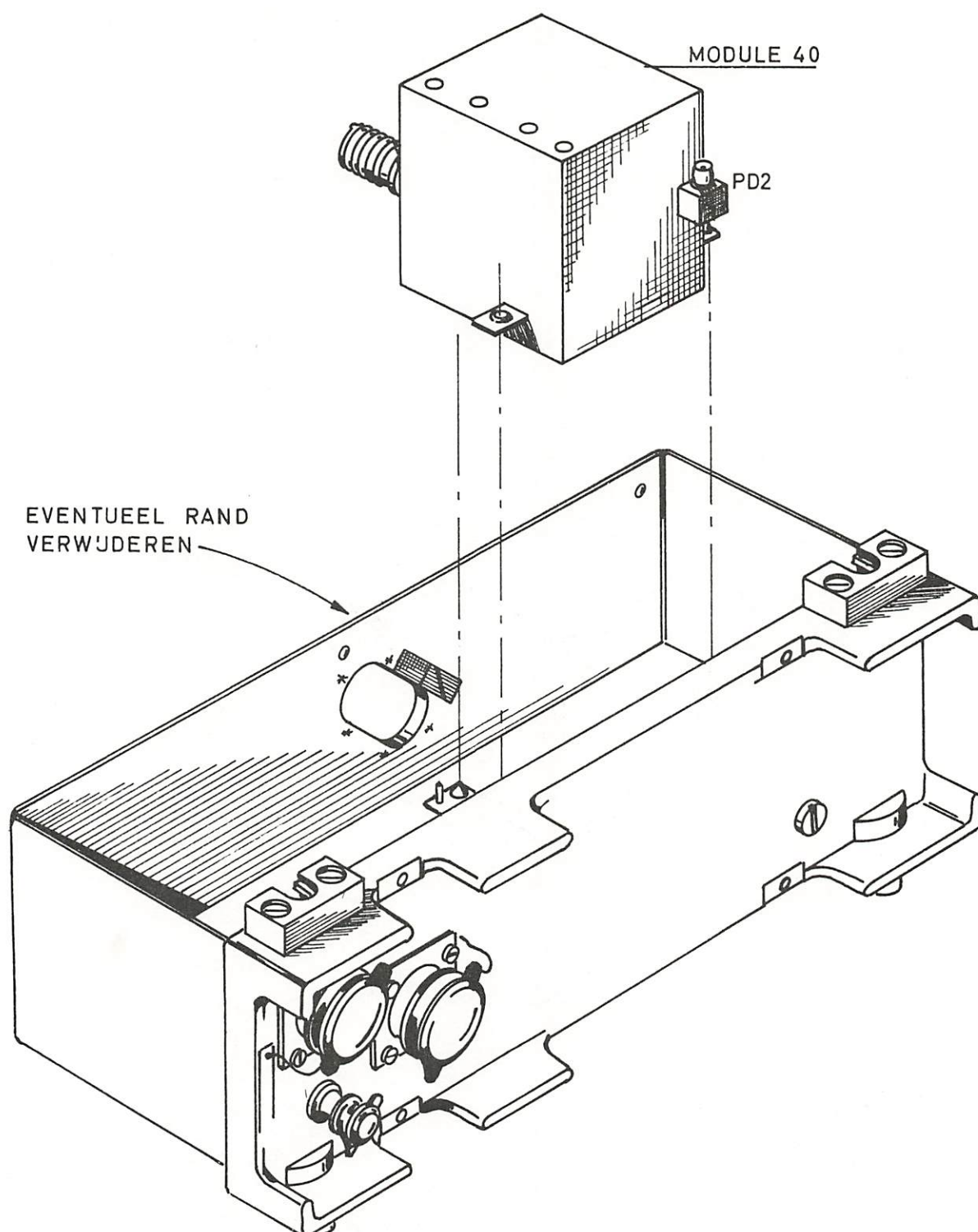
VERVANGEN VAN HET CONNECTOR-
SAMENSTEL, DE MICROSCHAKELAAR
SK3, DE TREKVEER EN RELAIS RE 1
RT-3610

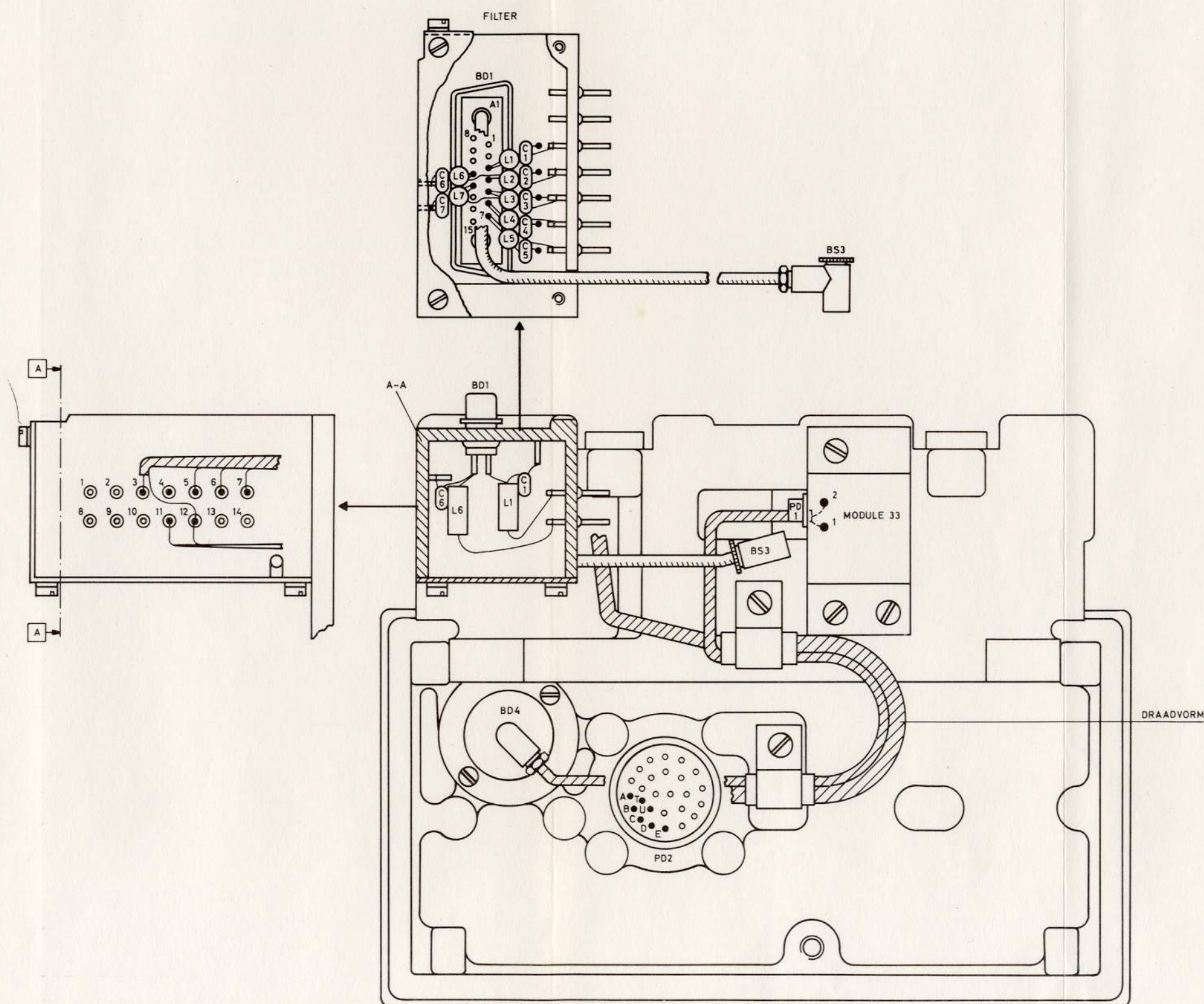


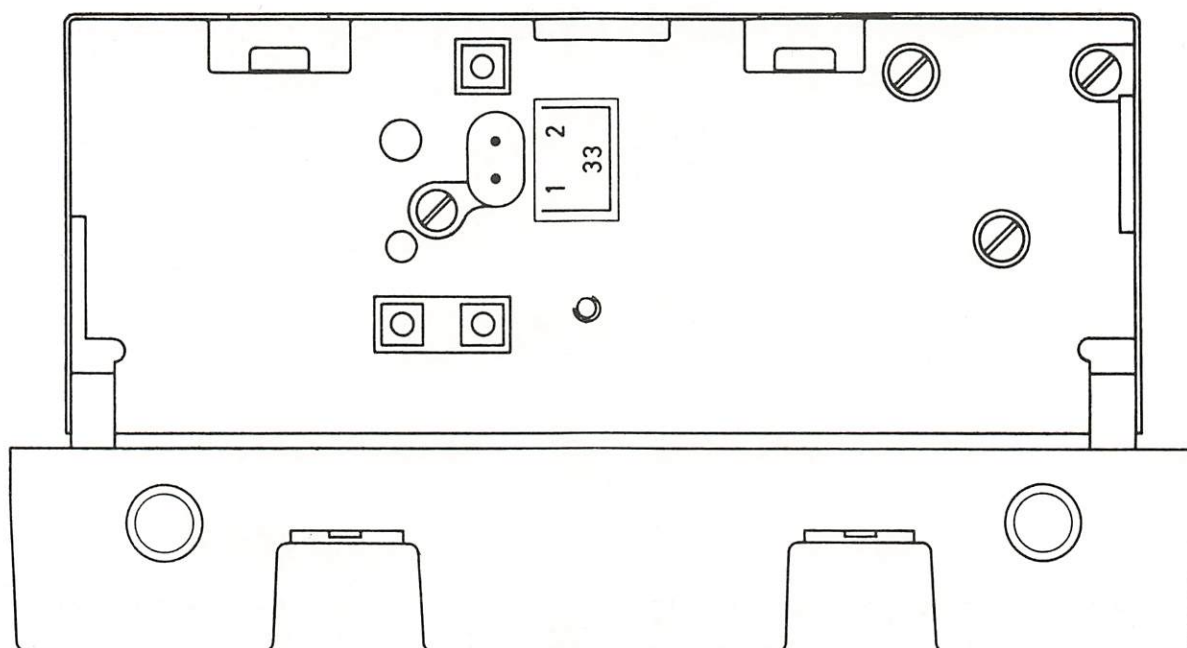


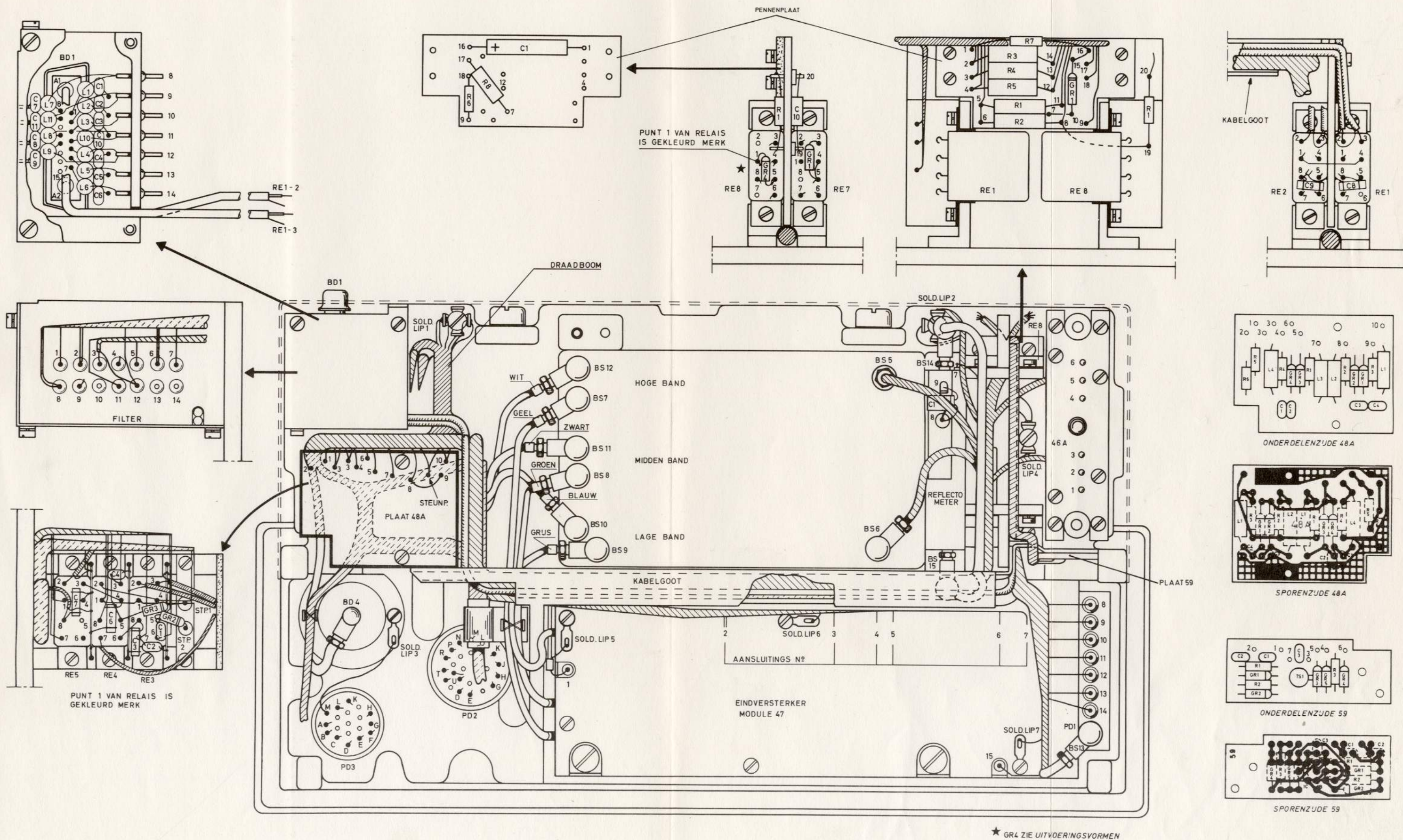


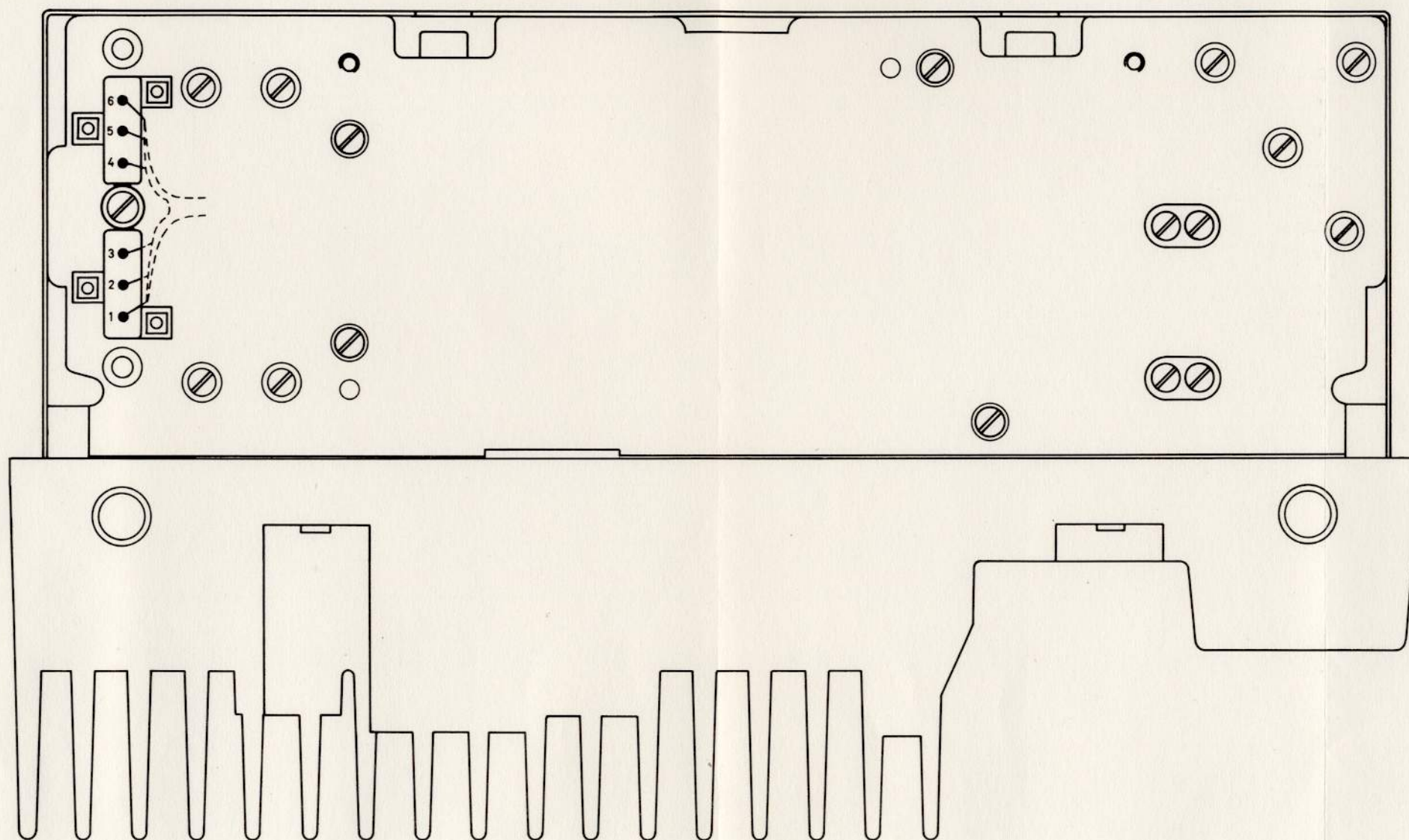


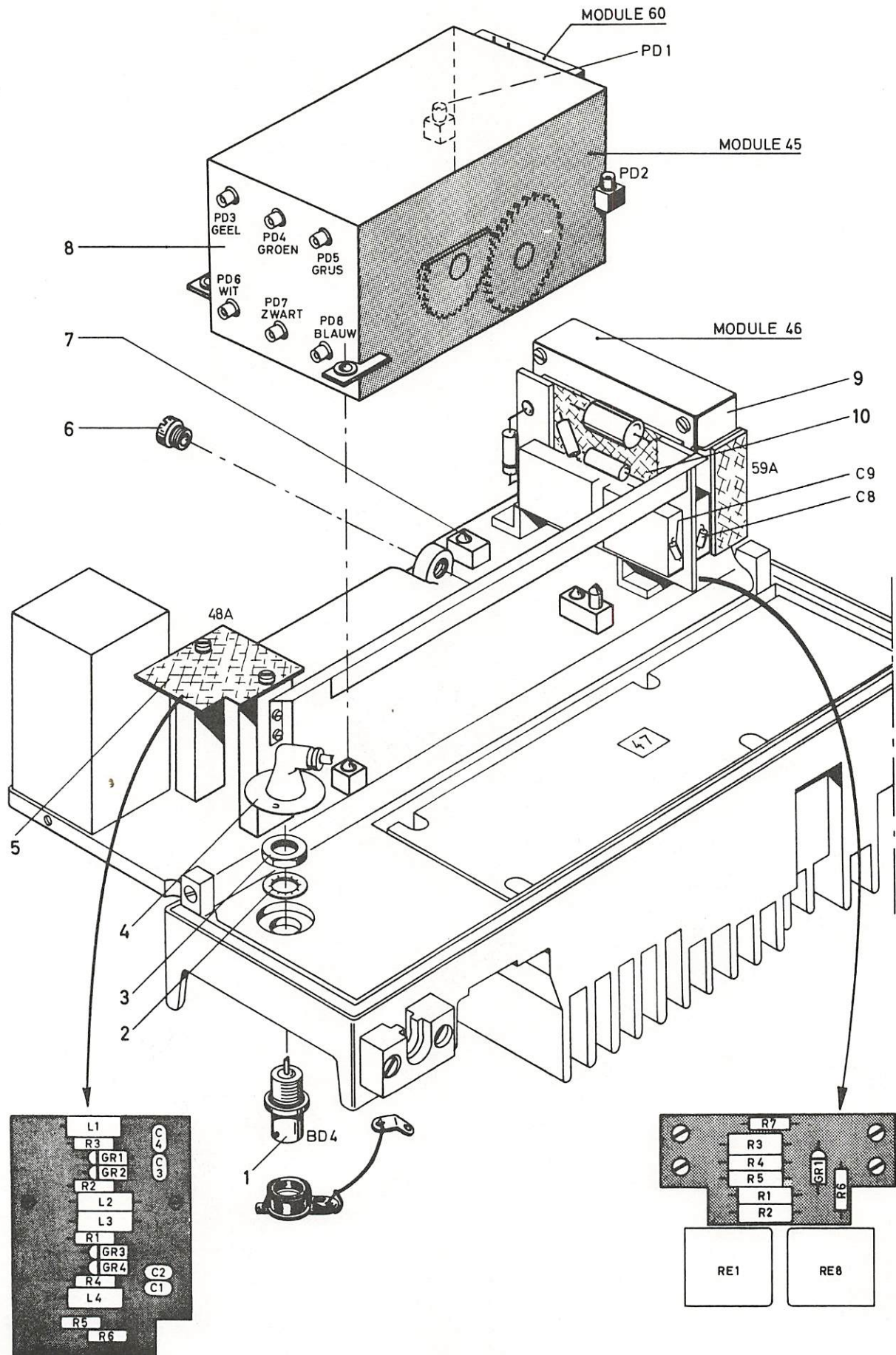






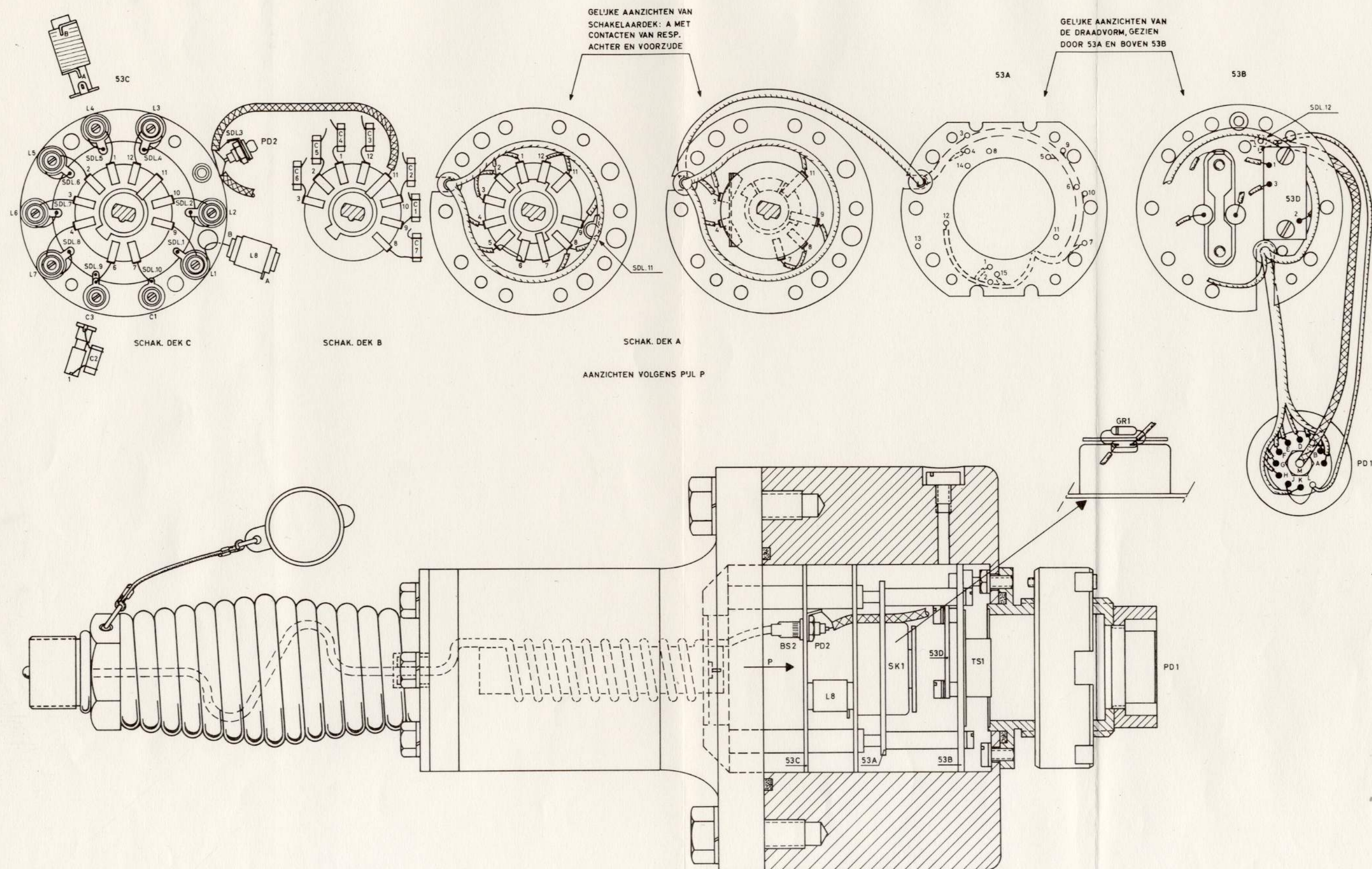


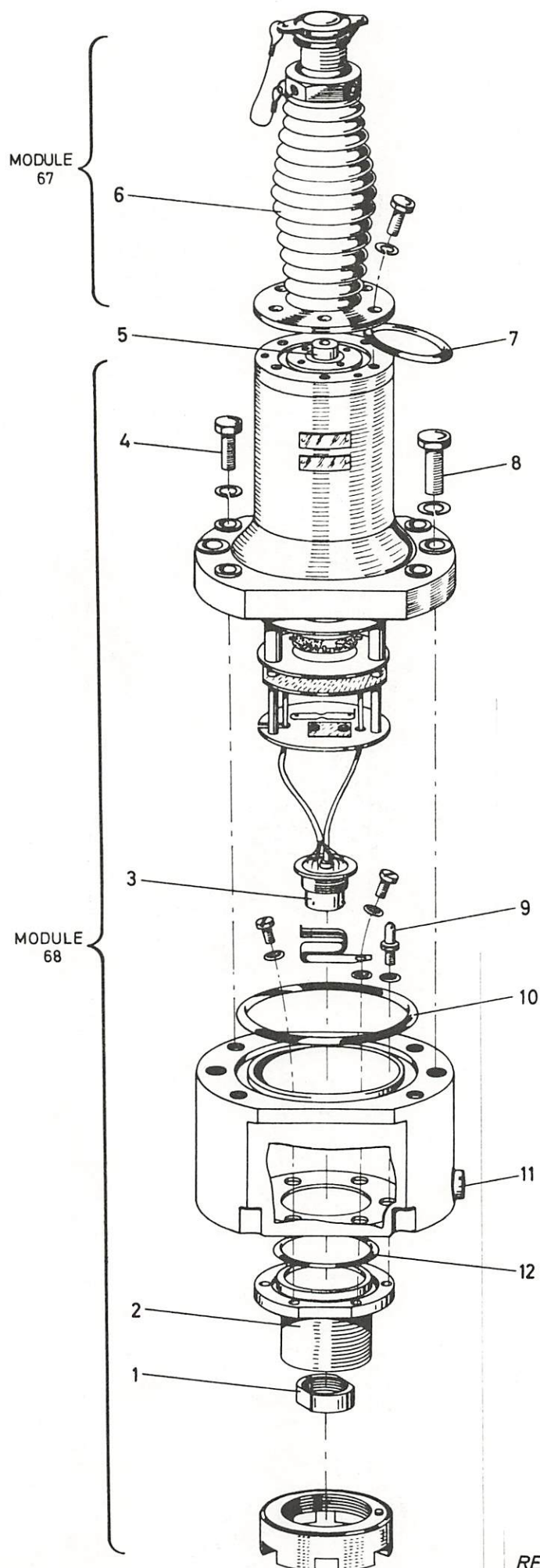


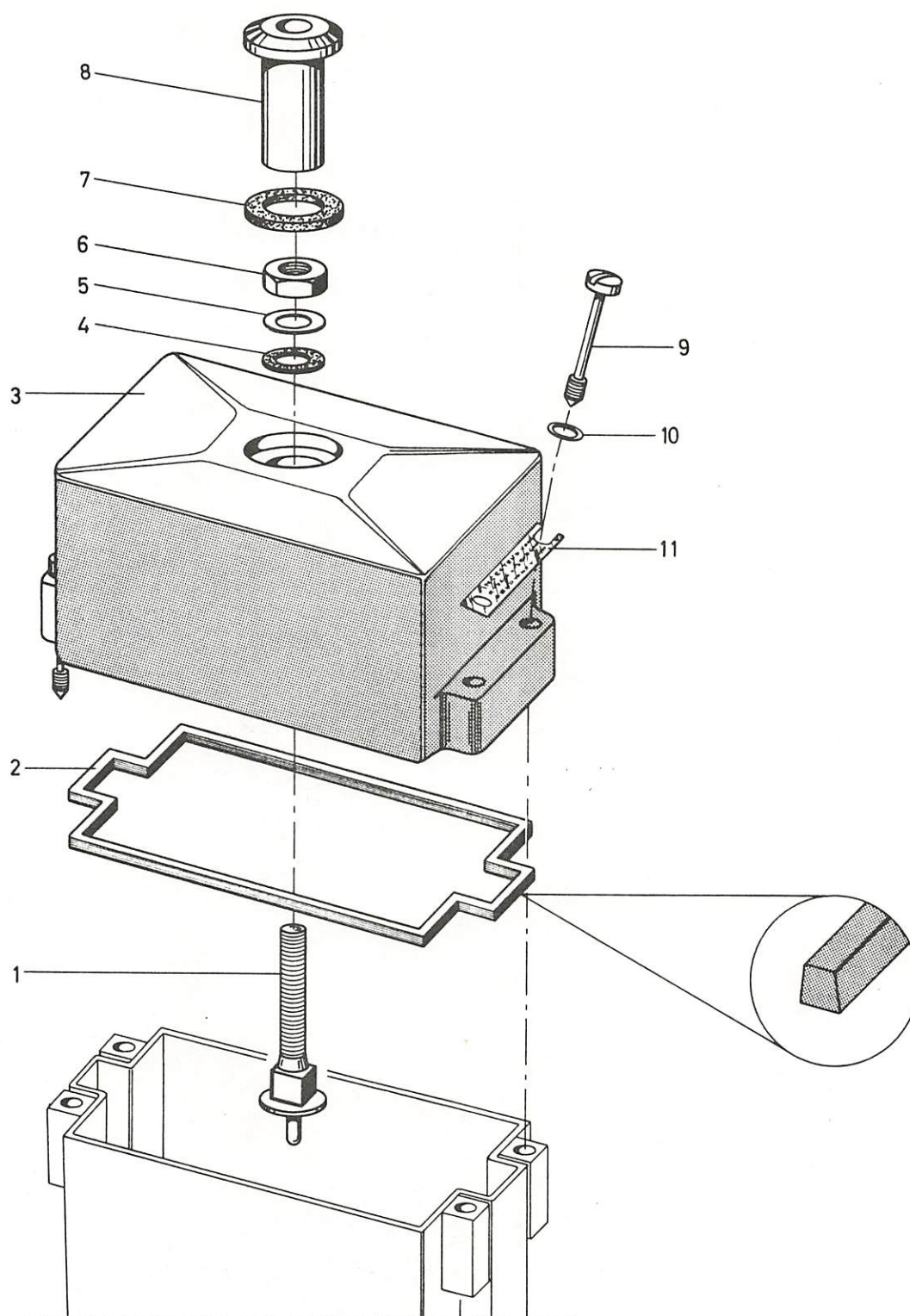


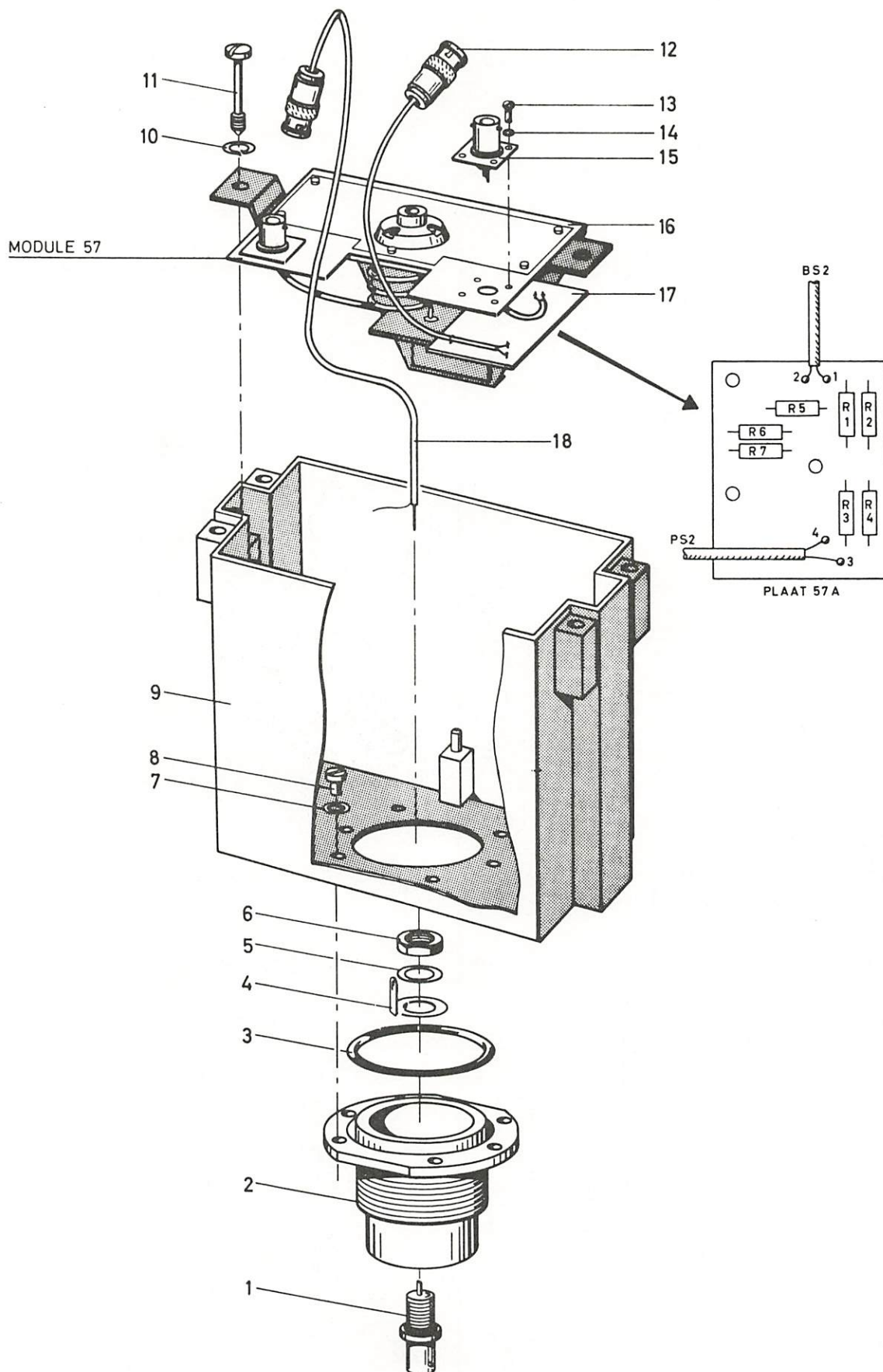
TEKENING 54

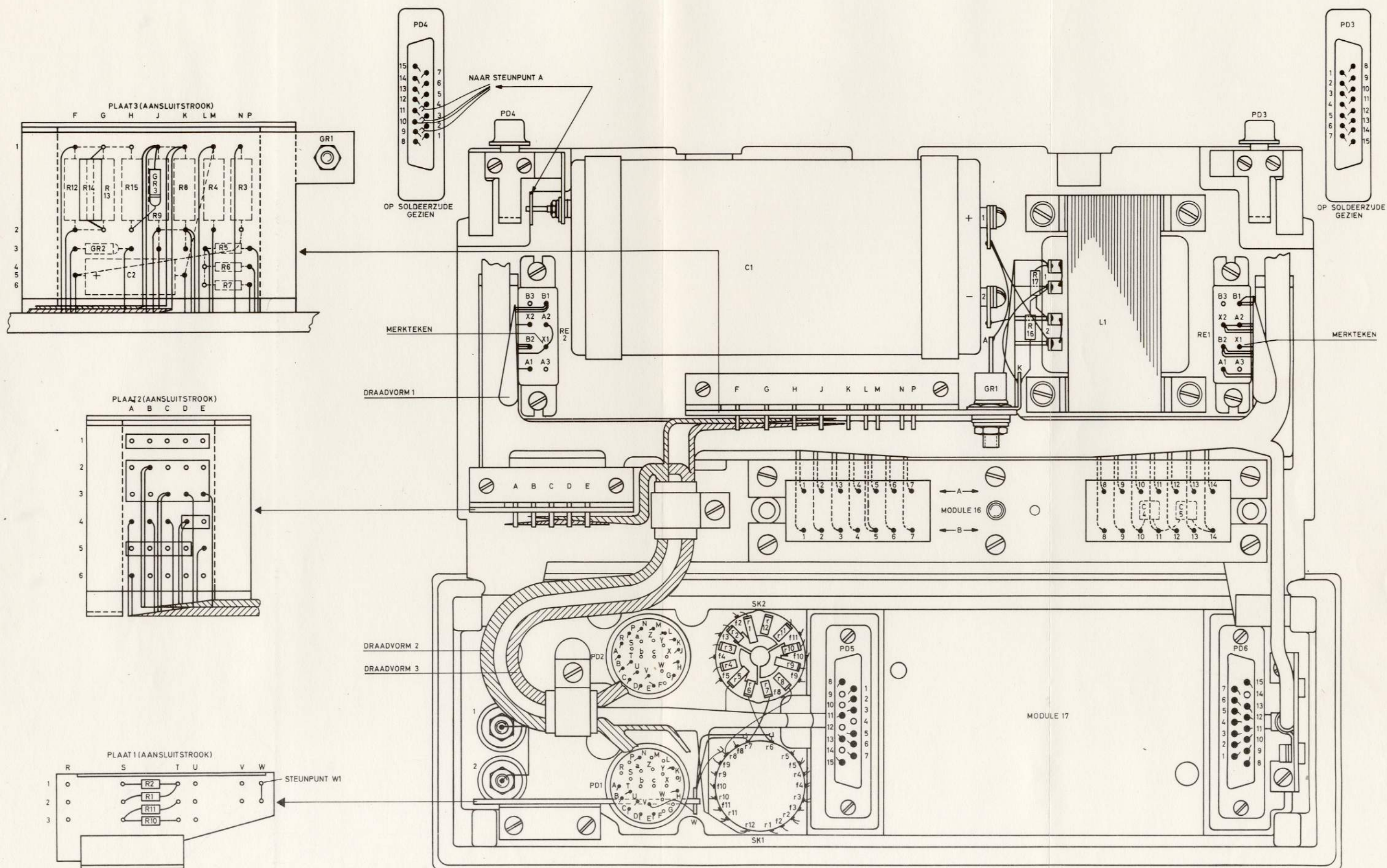
UITNEMEN VAN DE MODULES 45
EN 46 AM-3600

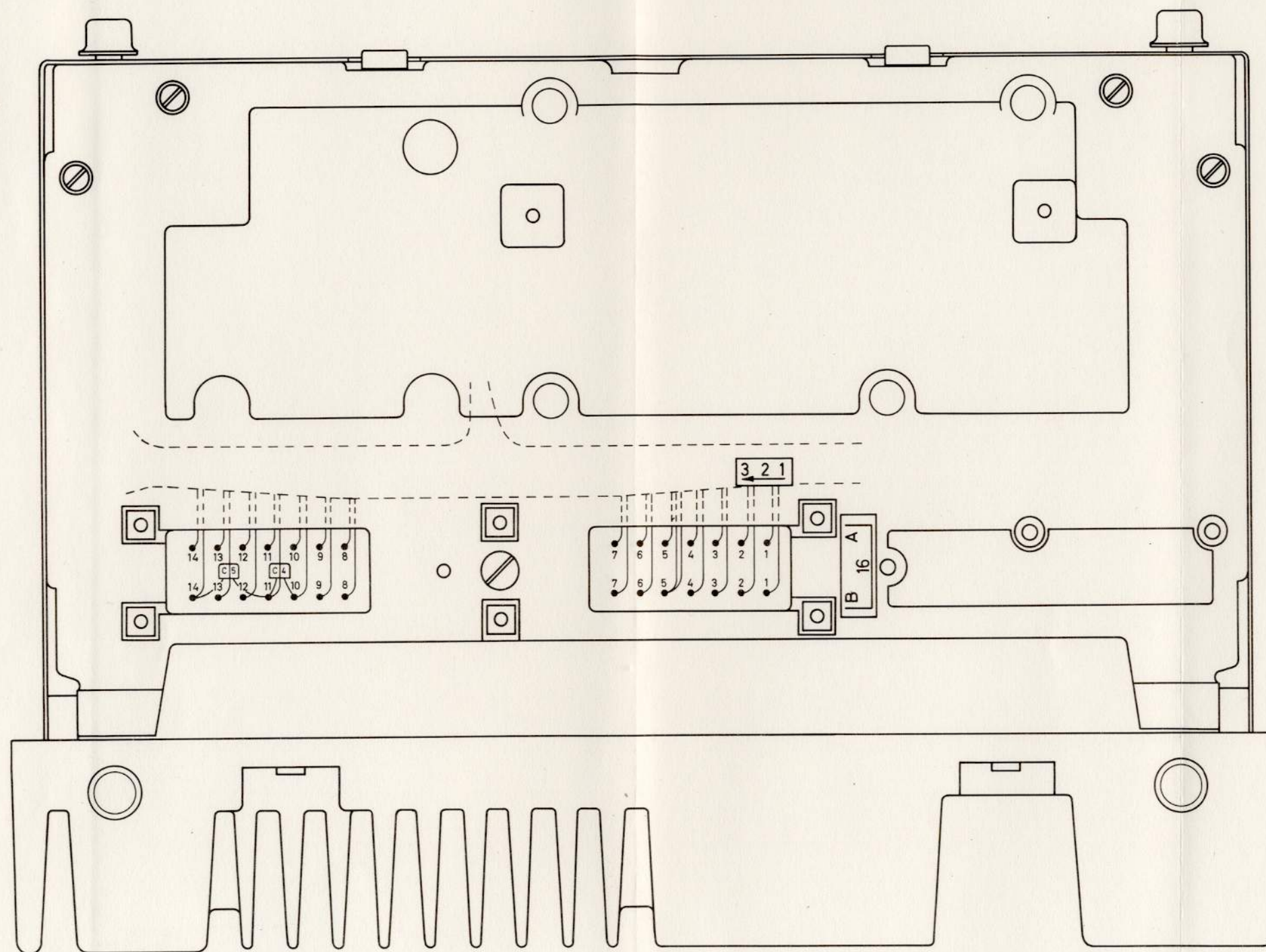


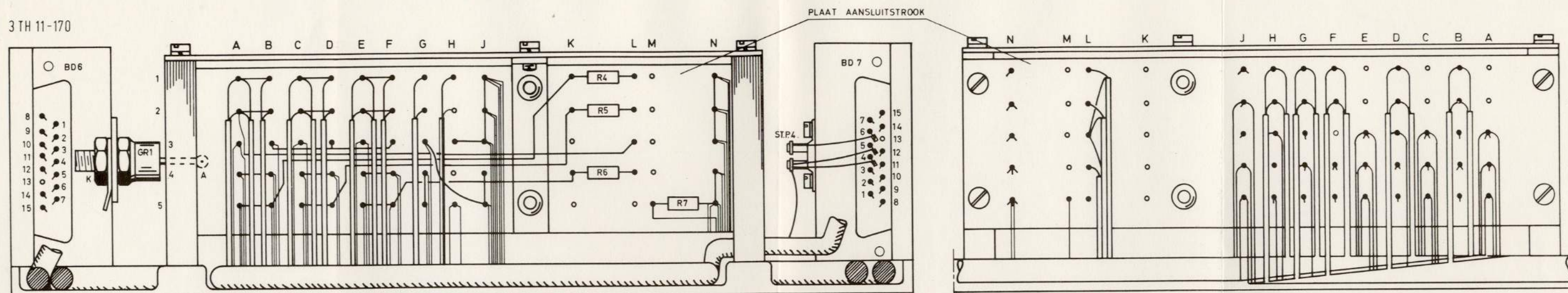






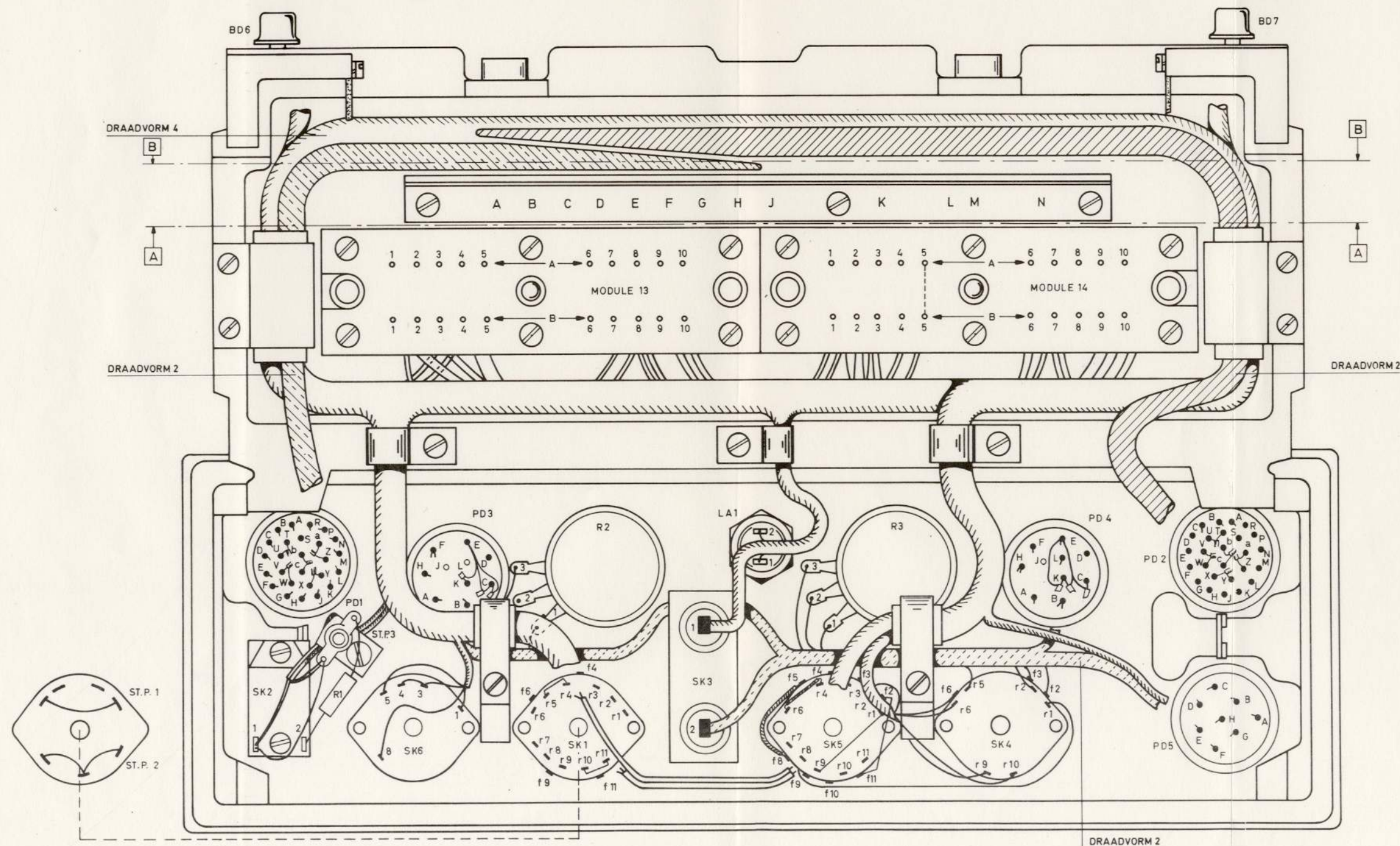


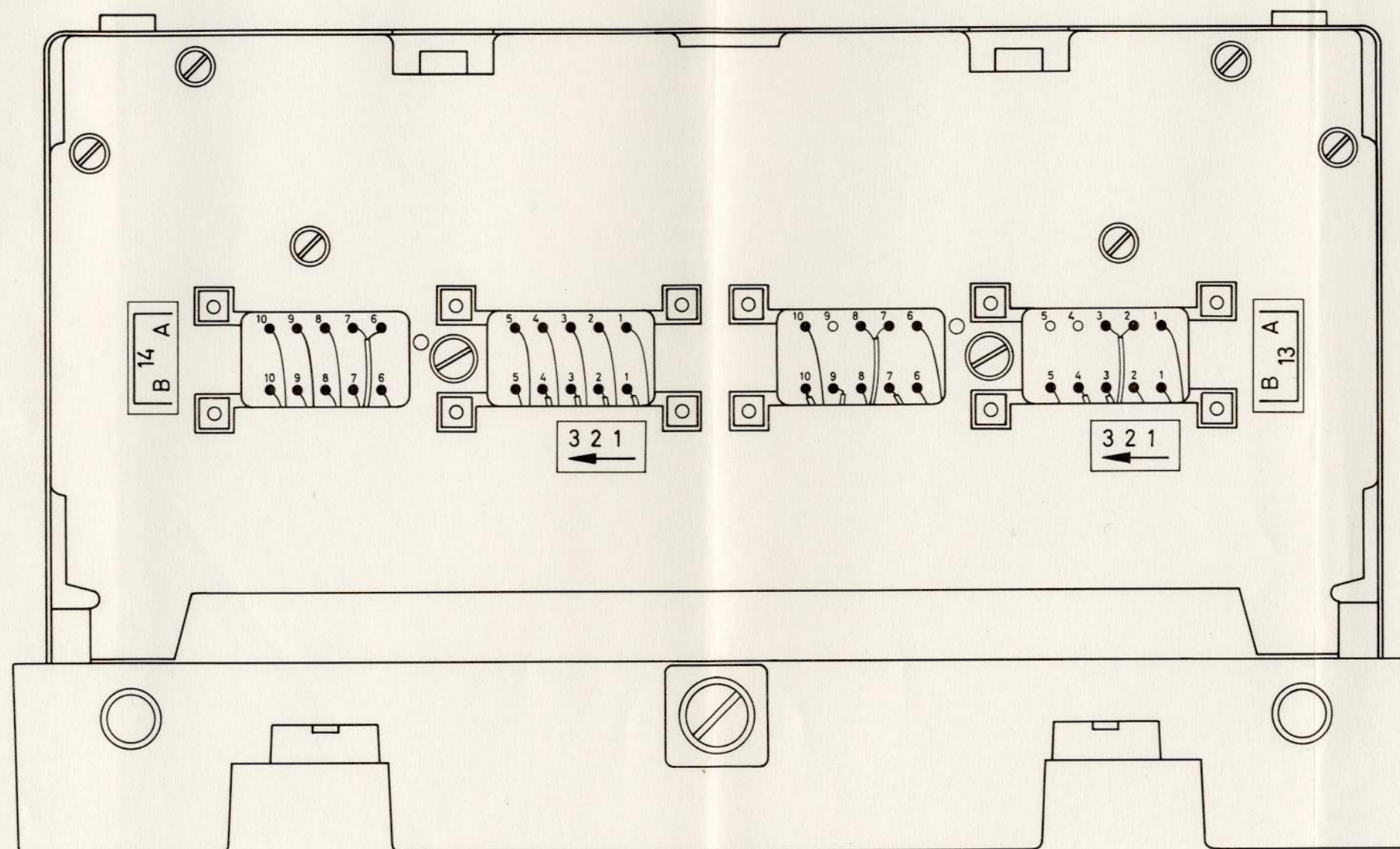


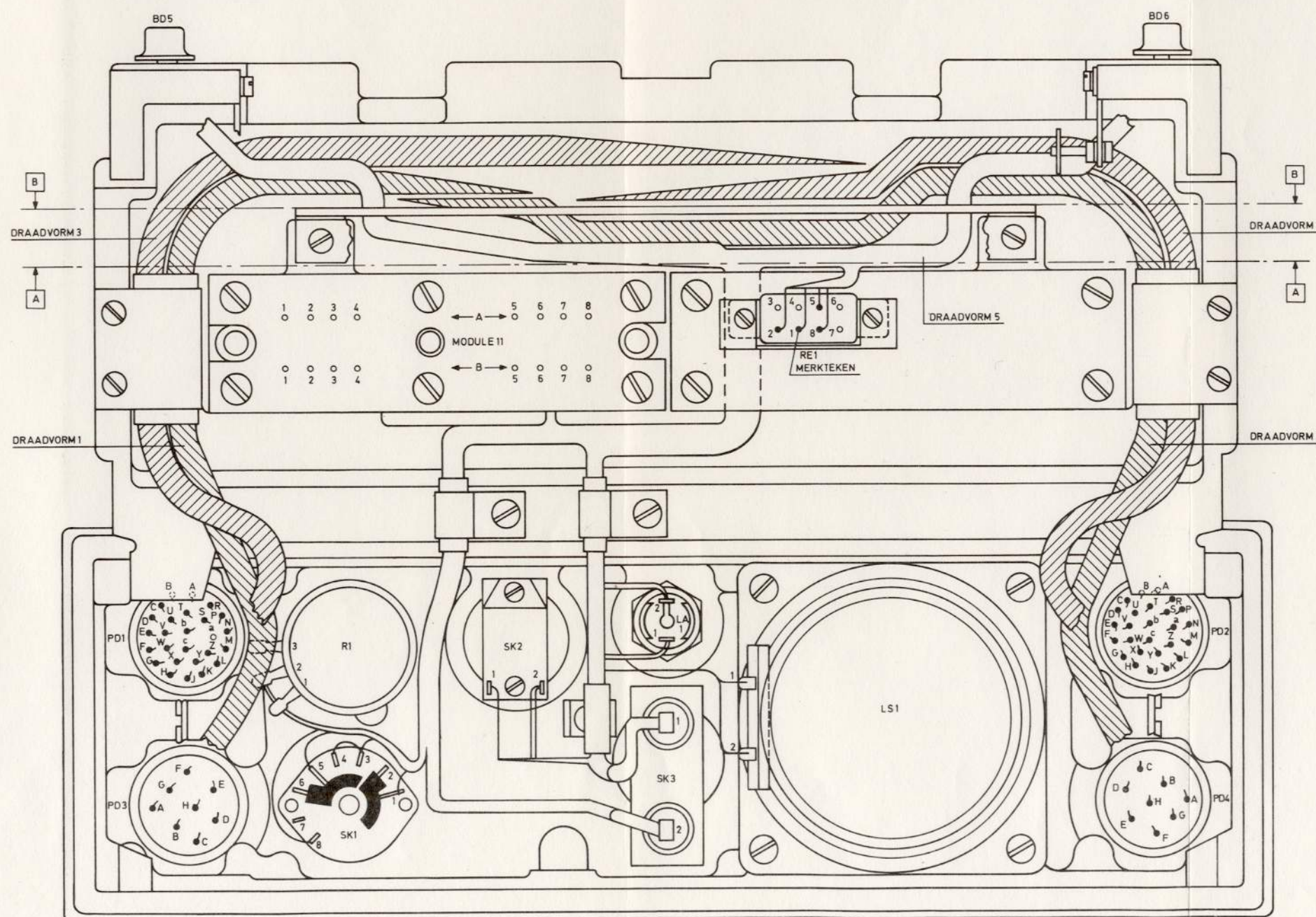
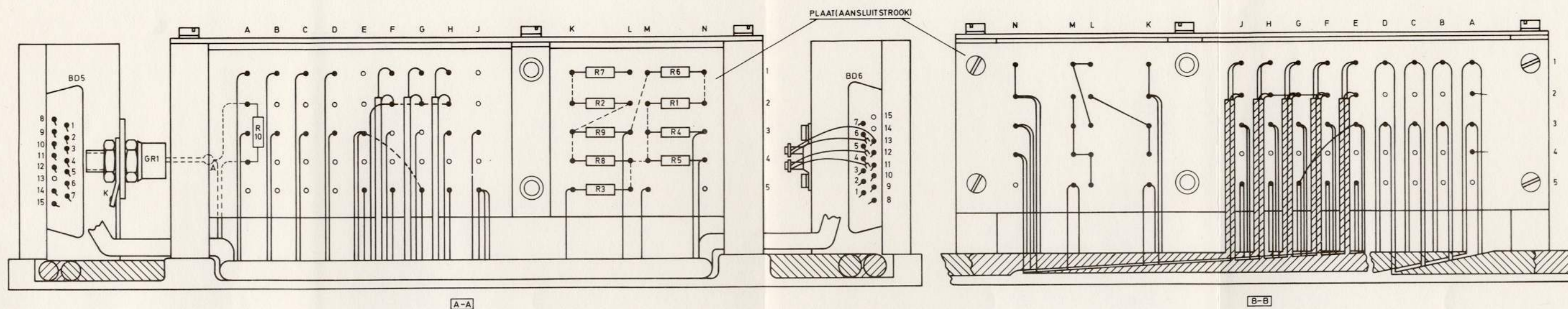


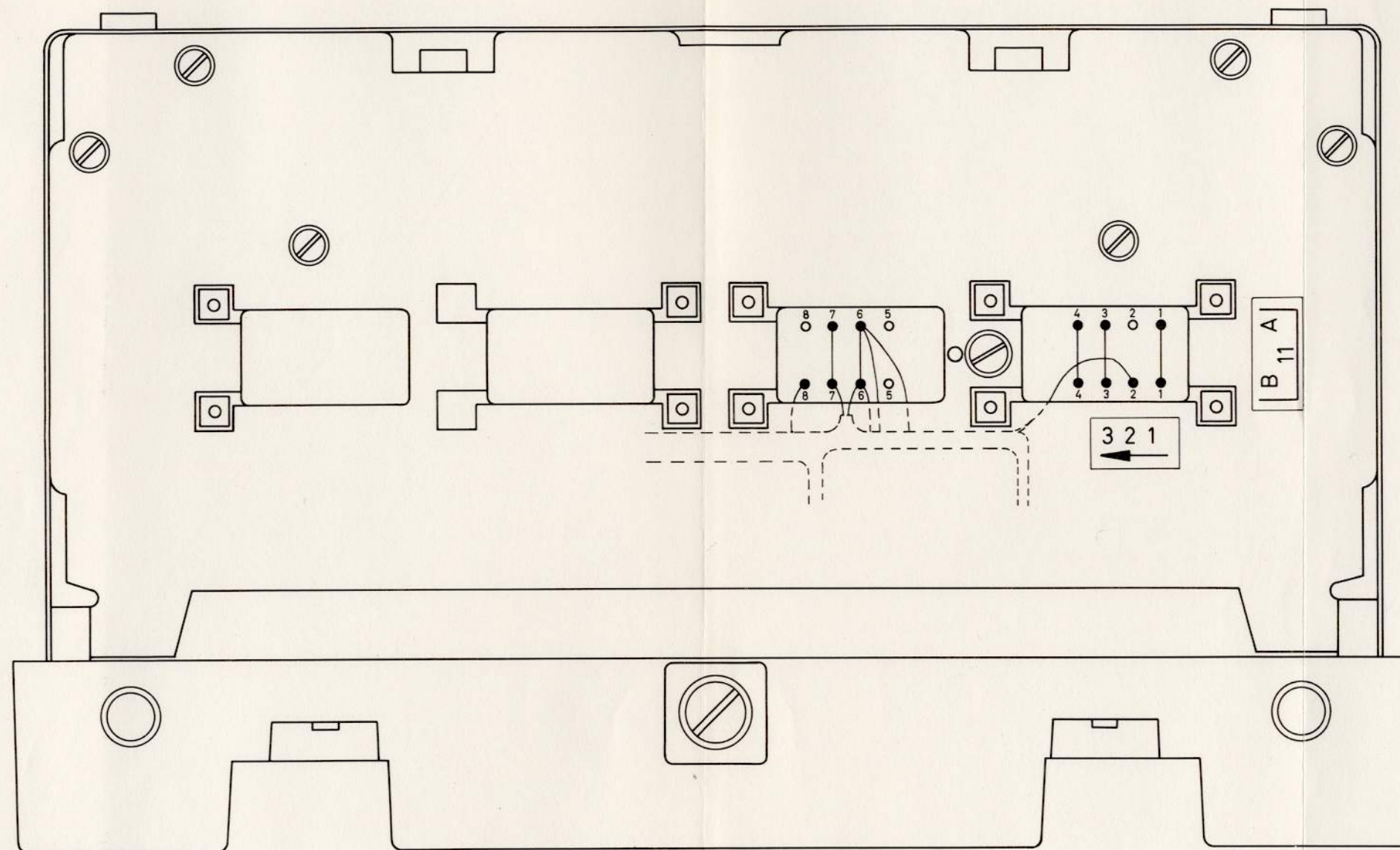
A-A

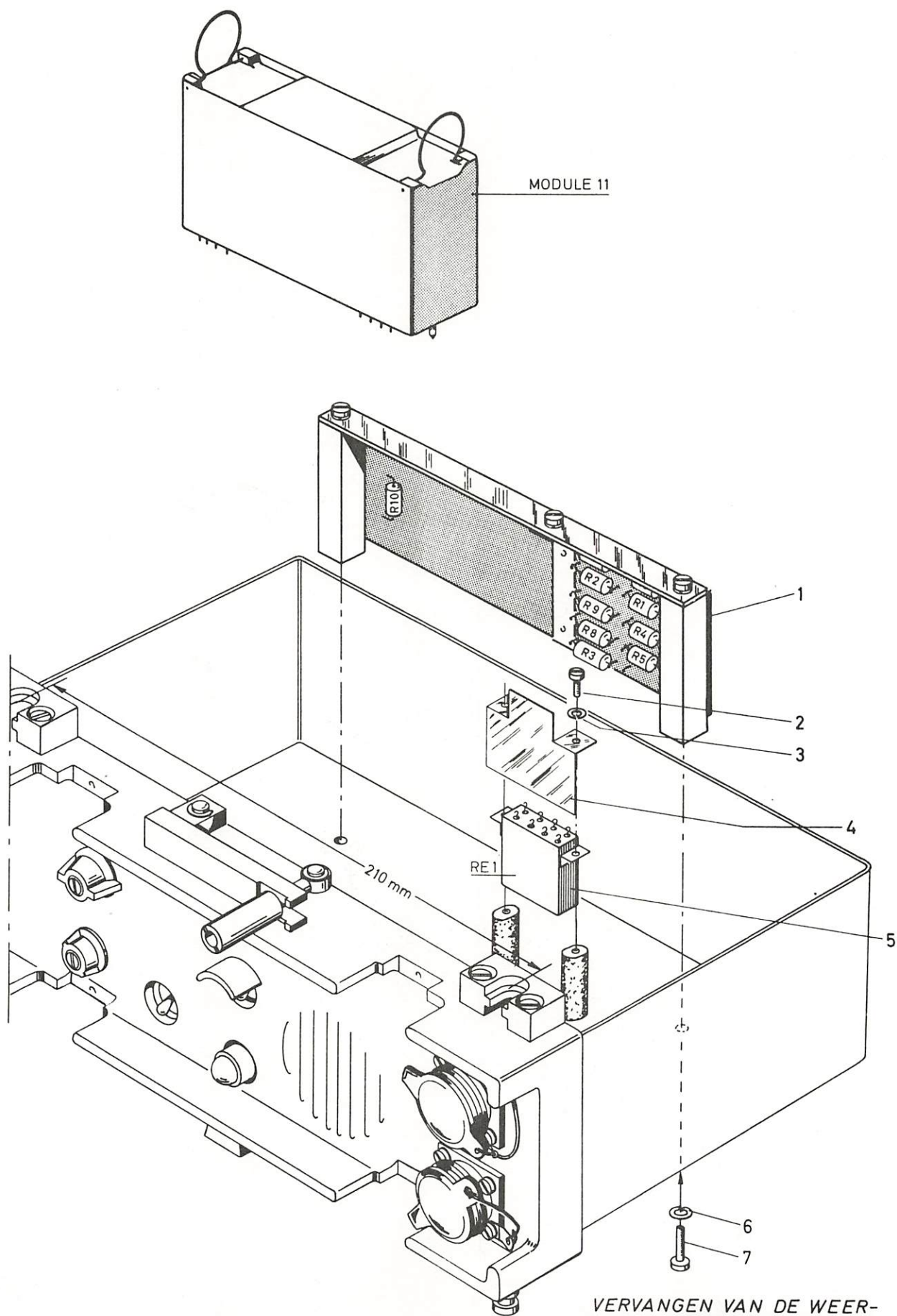
B-B



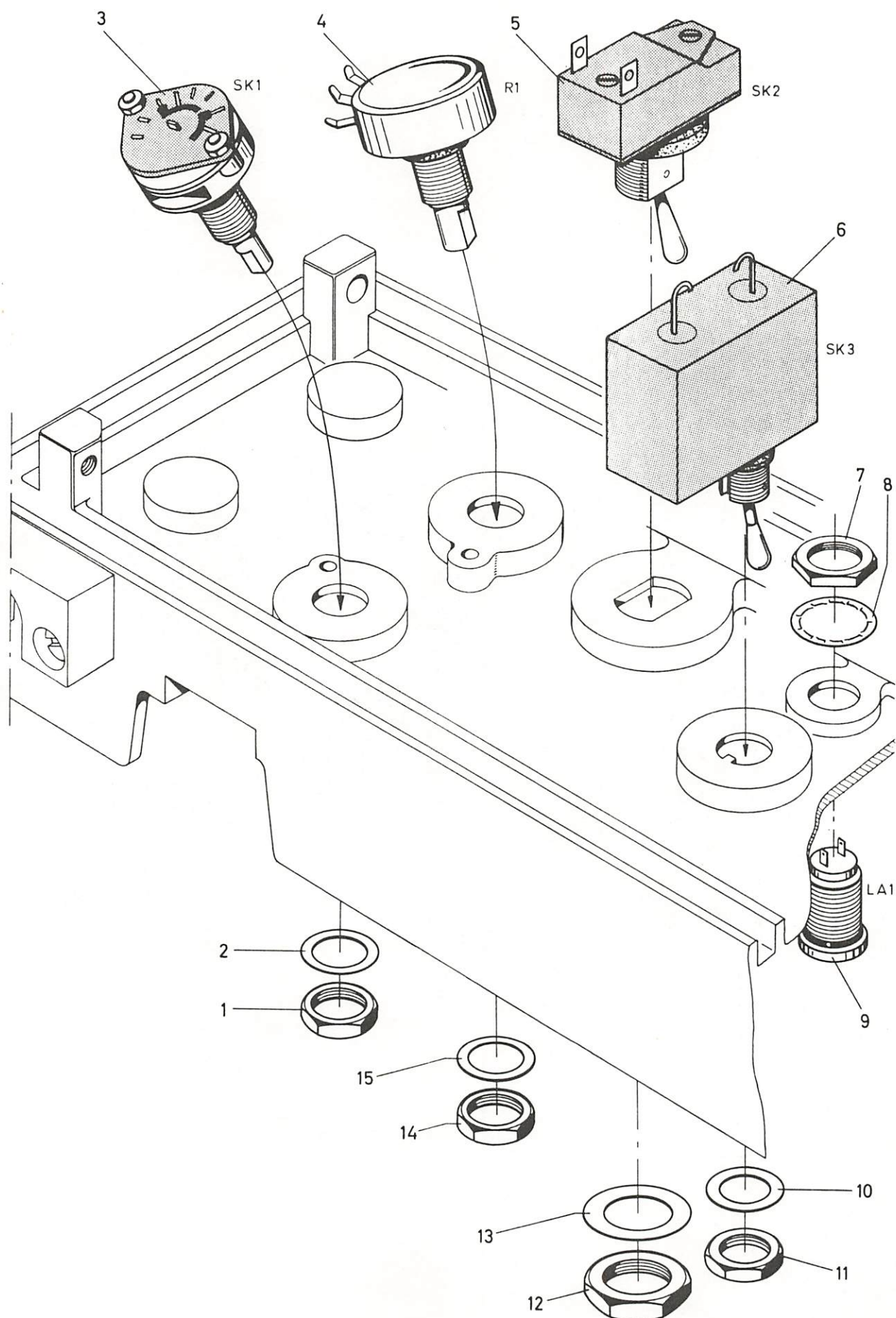


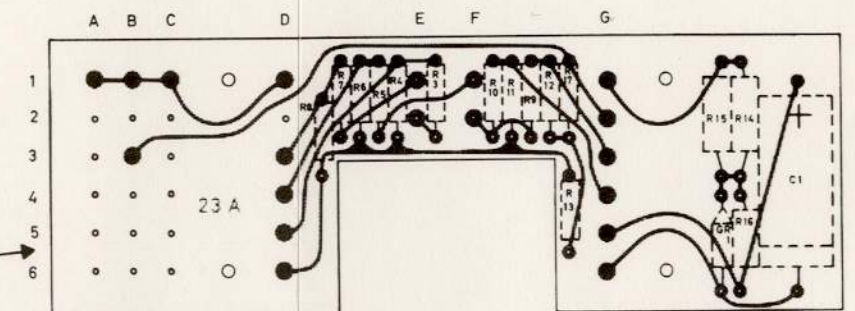
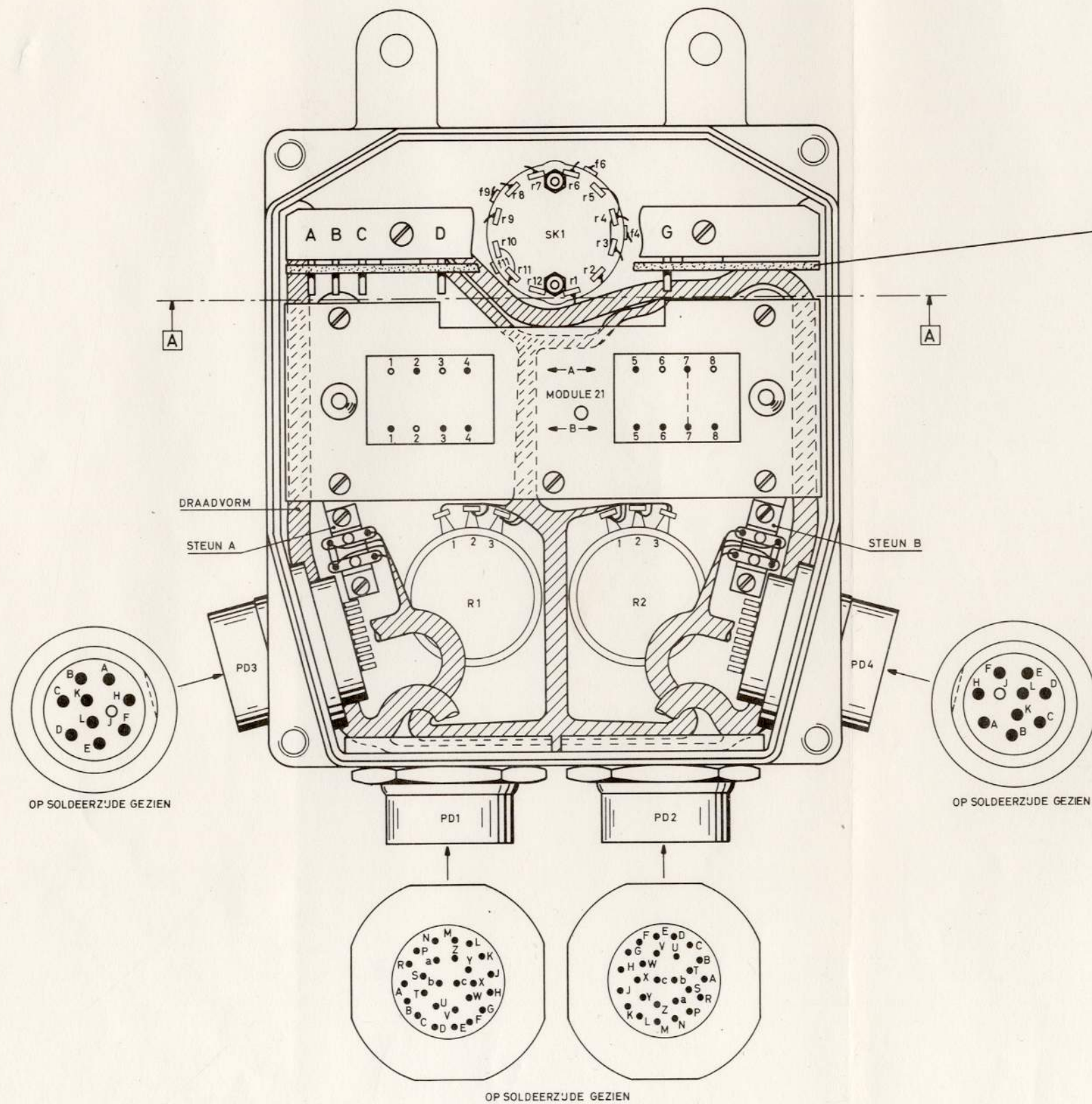




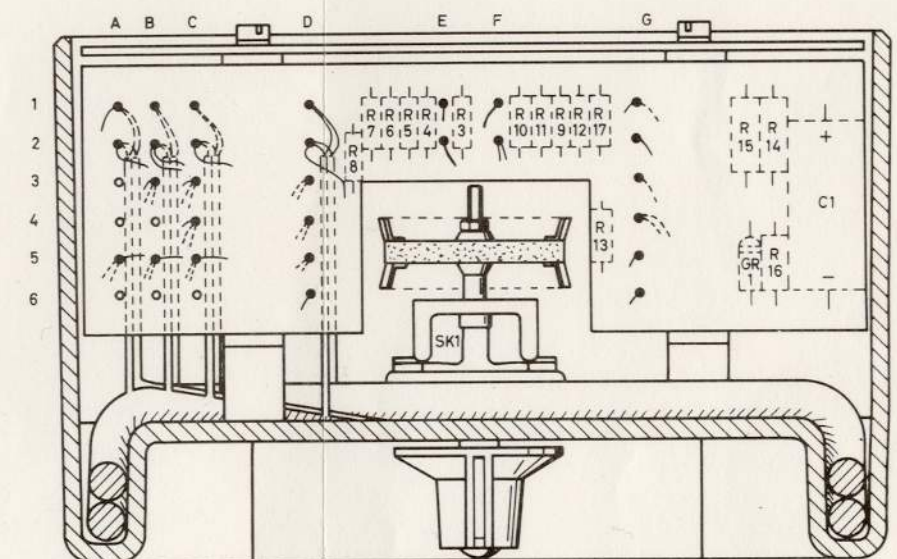


VERVANGEN VAN DE WEER-
STANDEN EN HET RELAIS RE1
VAN DE AF-3620

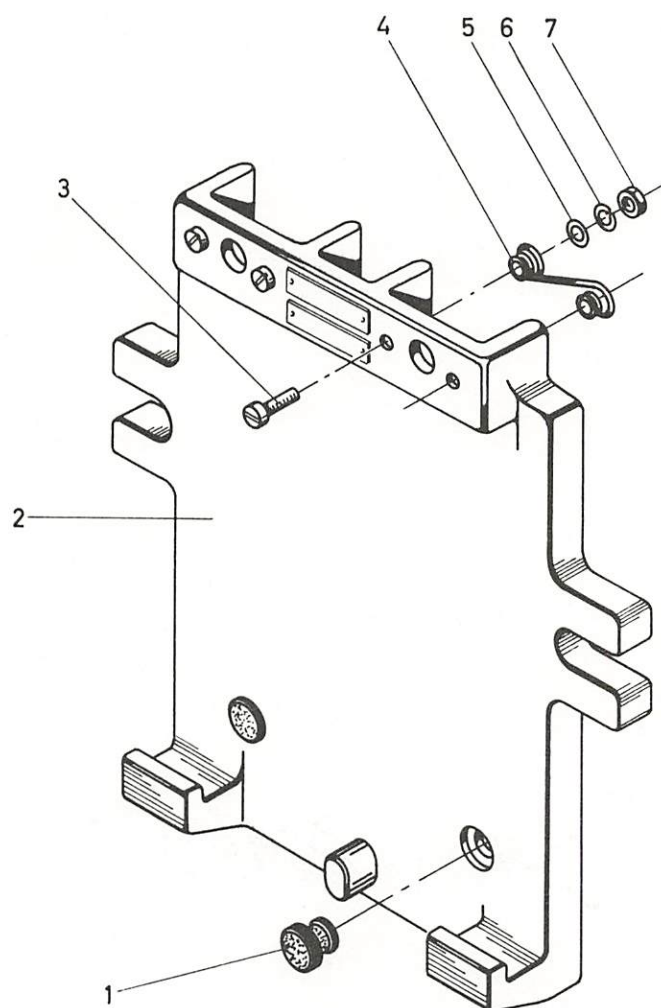


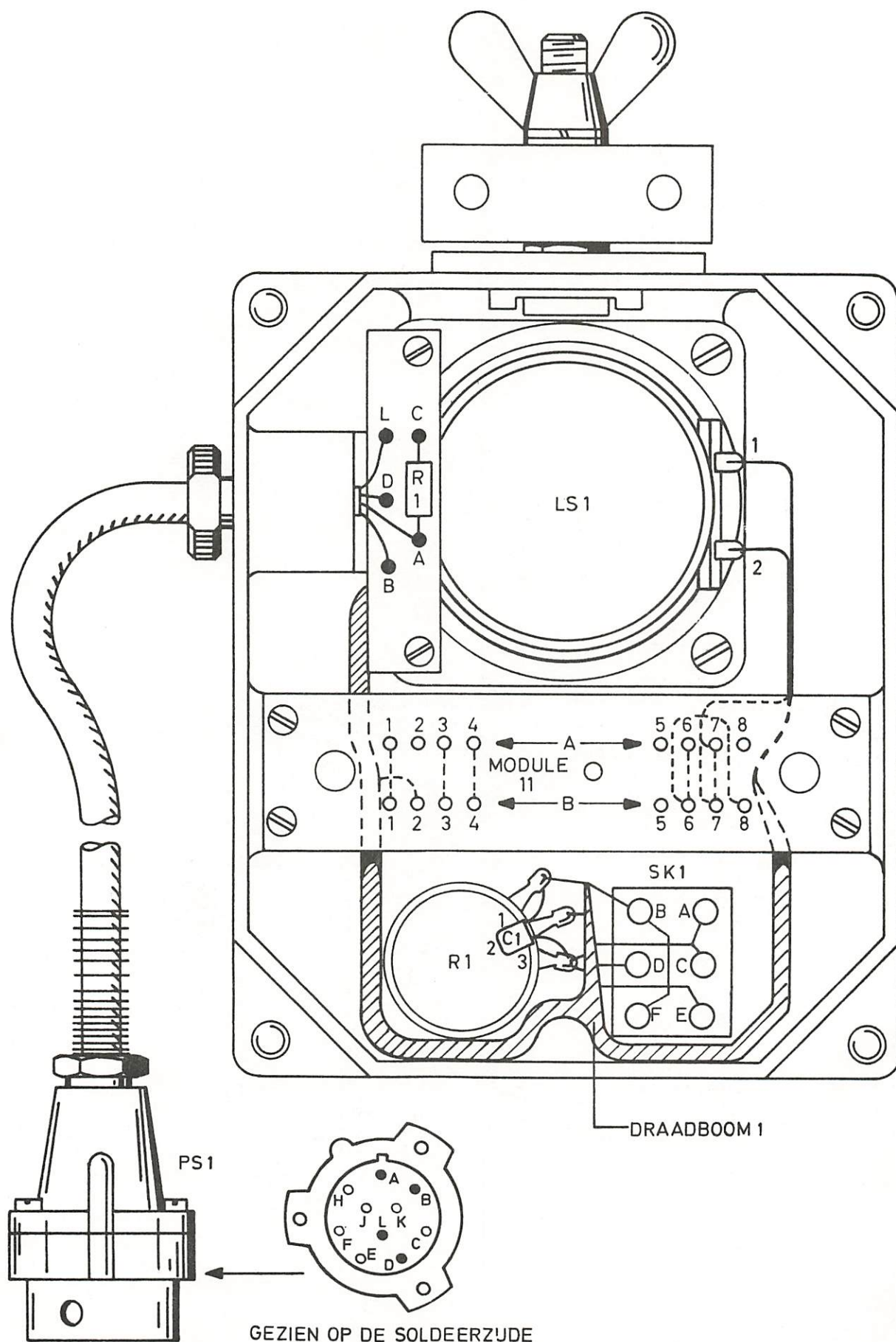


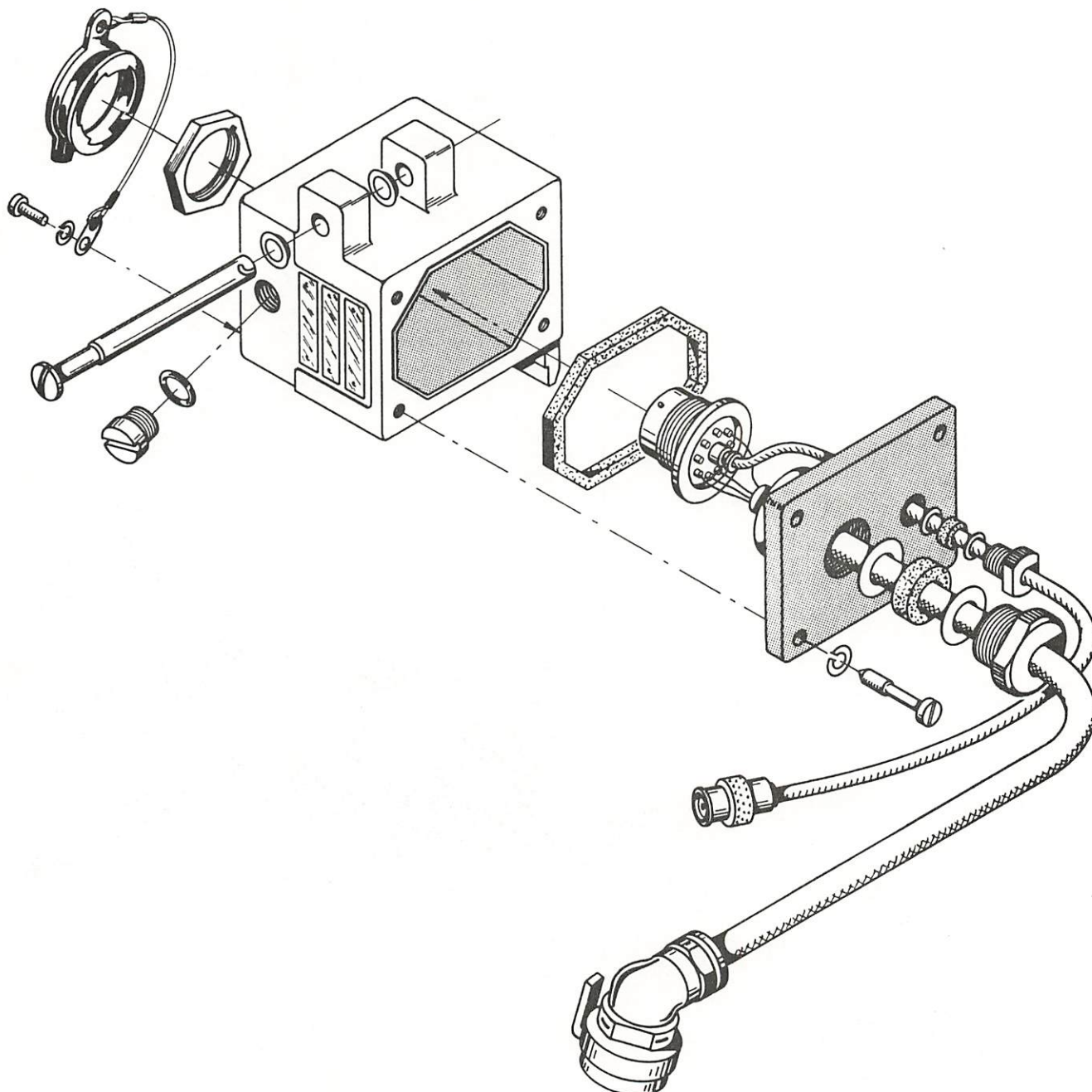
SPORENZUDE 23A

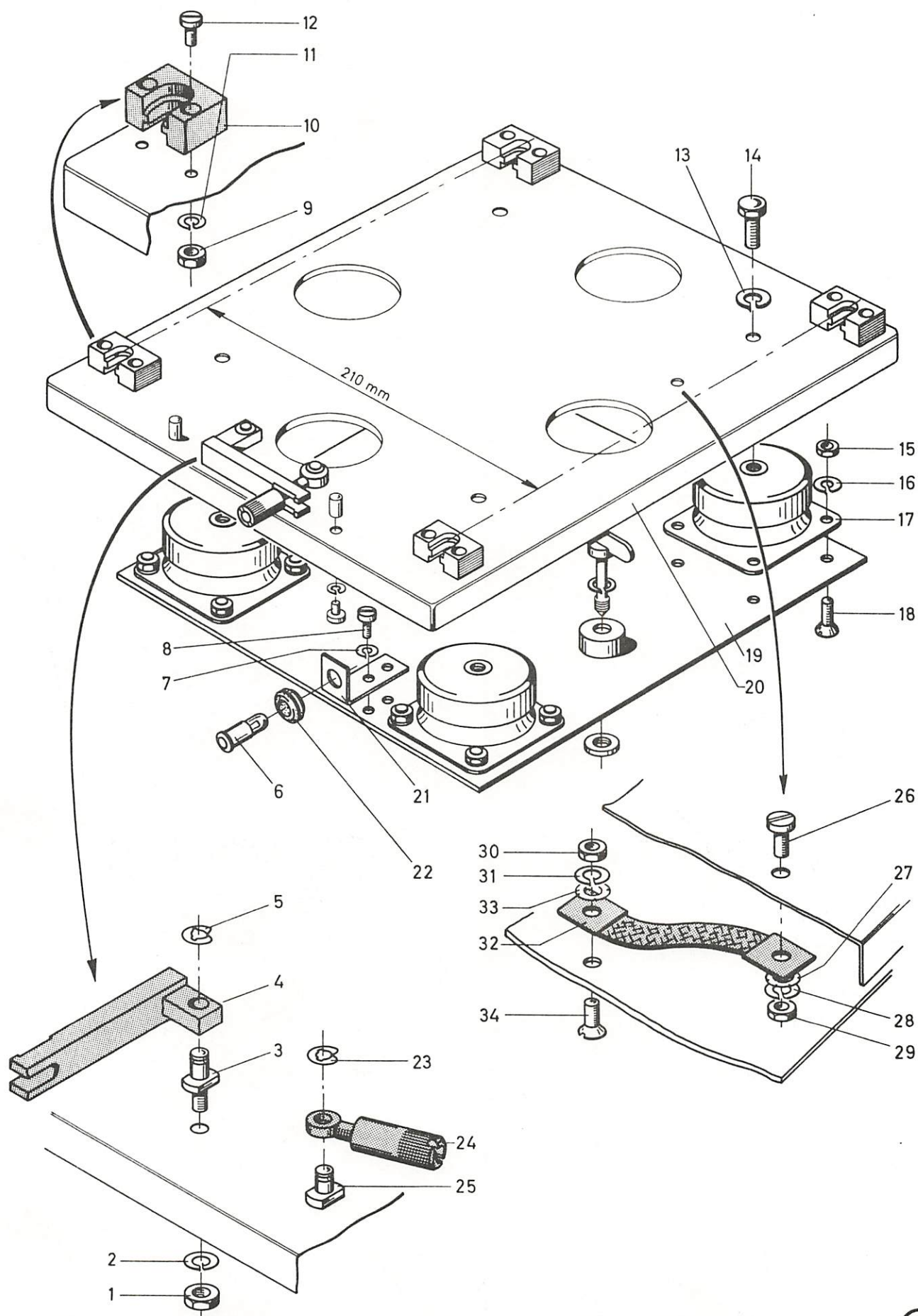


A-A

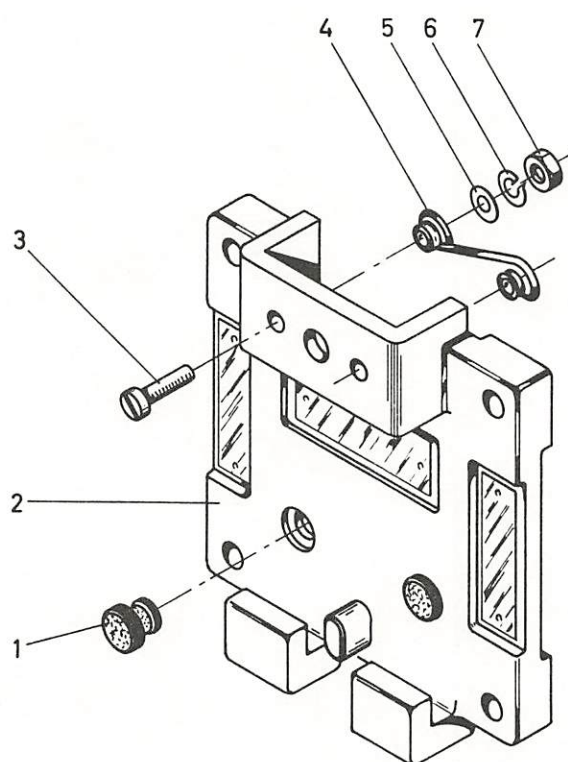


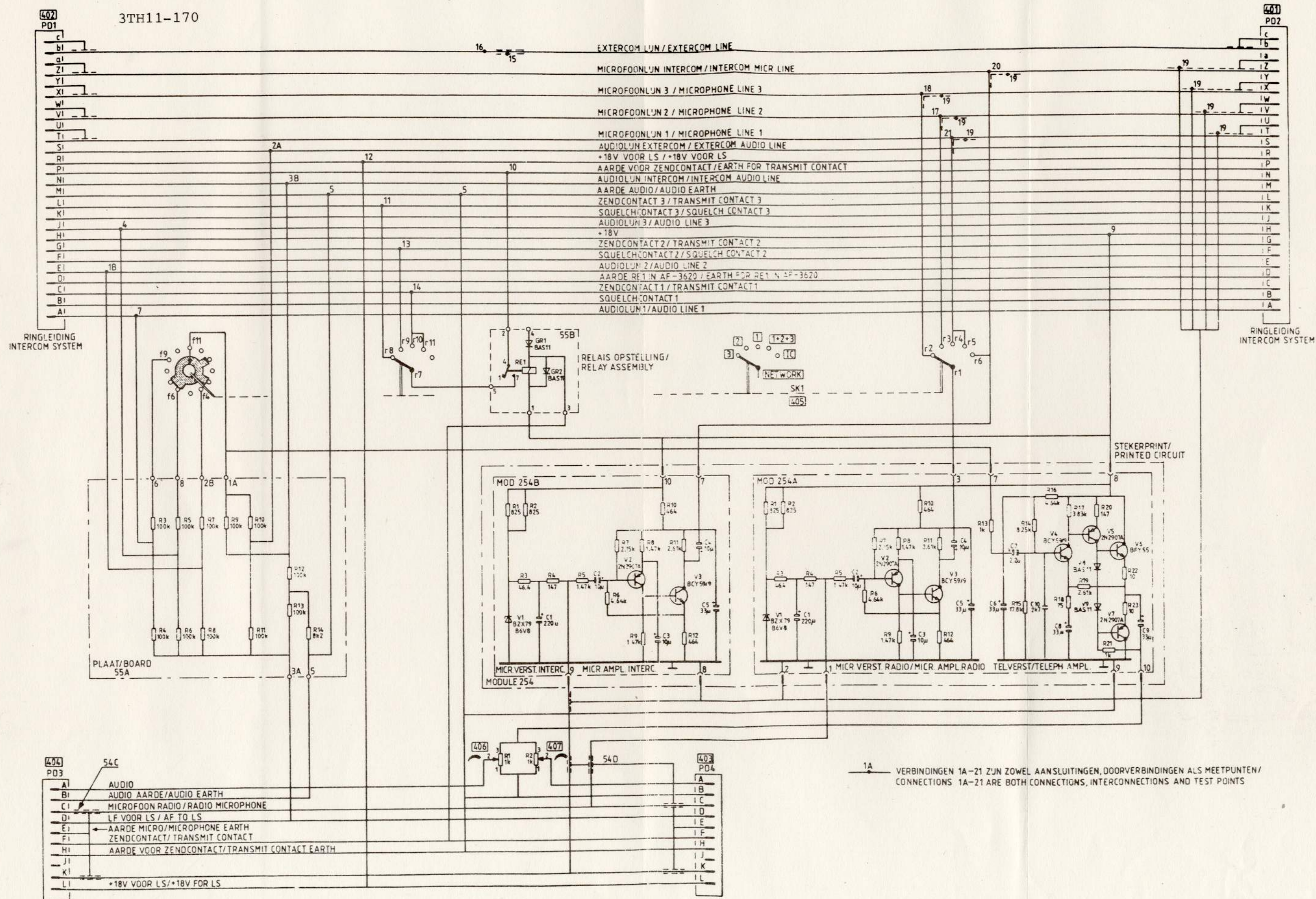


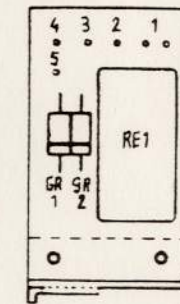
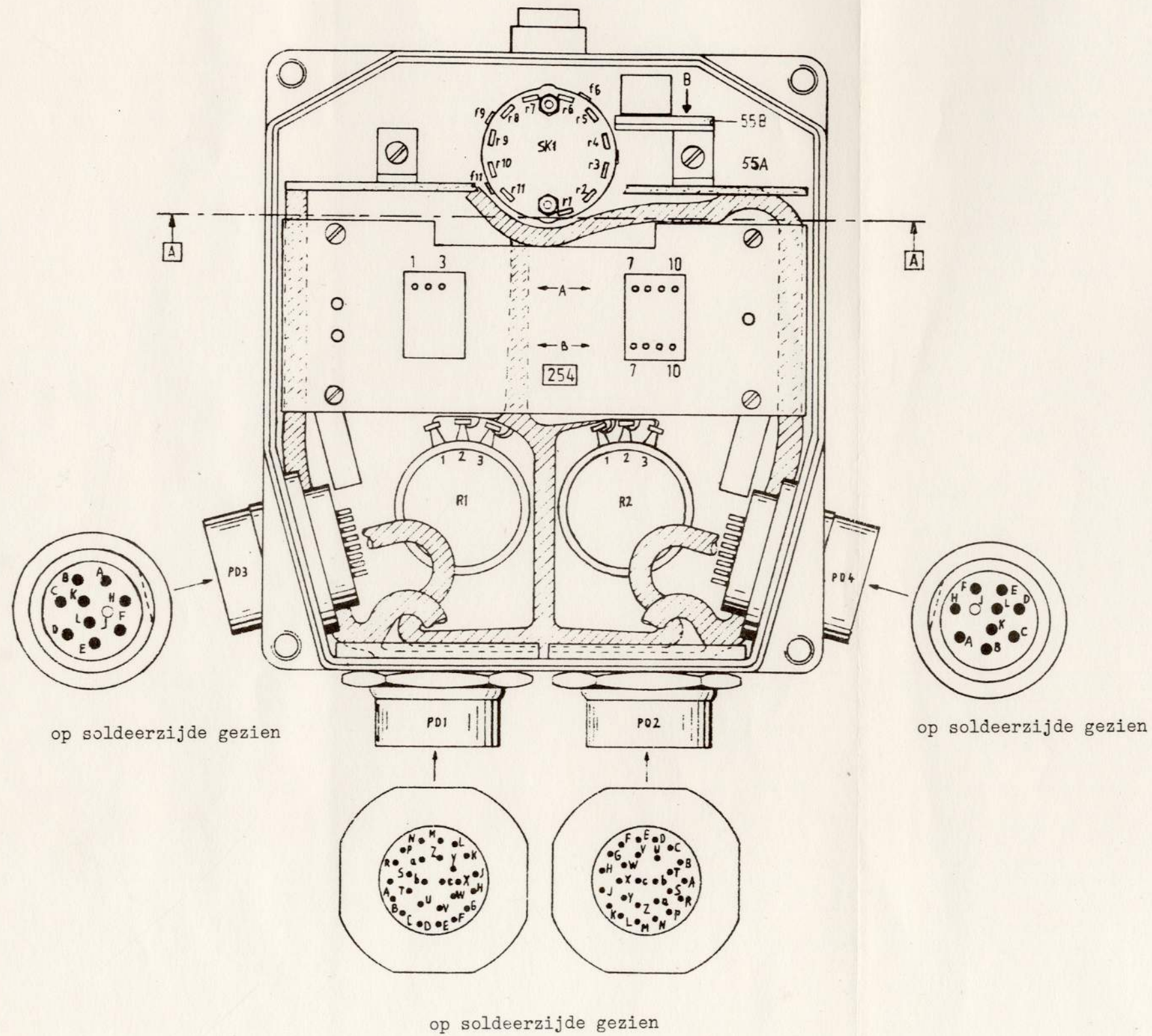




TEKENING 73







vooraanzicht B

