



C O N T E N T S

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325357	06	CABL EXT EPSON-80	KM-1D	322946
325358	06	CABL EXT T-1612	KM-1D	
325359	10	CABL EXT FACIT N-10	8PIN CU.LO	
325360	10	CABL EXT FACIT N-10	42PI CU.LO	
325361	06	CABL EXT OMNI 825	N-100 RS232	
325362	06	CABL EXT OMNI 825	KM1-D RS232	
325363	06	CABL EXT 1640/50	KM1-D RS232	
325364	06	CABL EXT FACIT4420	N-100 RS232	
325365	06	CABL EXT FACIT4420	N-10 ND711	
325366	06	CABL EXT FACIT4420	KM1-D RS232	
325367	06	CABL EXT TALLY1612	N-100 RS232	322873
325368	06	CABL EXT CDC 9352	N-10	322287
325369	06	CABL EXT LP 3-900L	938X N100	322878
325370	02	CABL EXT SMD SNITT	SMC N100	322877
325370	06	CABL EXT SMD SNITT	SMC N100	322877
325370	08	CABL EXT SMD SNITT	SMC N100	322877
325371	02	CABL EXT SMD SNIT	SMR/SMT N100	322876
325371	06	CABL EXT SMD SNIT	SMR/SMT N100	322876
325371	08	CABL EXT SMD SNIT	SMR/SMT N100	322876
325372	01	CABL EXT SMD SNITT	DAISY CHAIN	322299
325372	02	CABL EXT SMD SNITT	DAISY CHAIN	322299
325372	04	CABL EXT SMD SNITT	DAISY CHAIN	322291
325373	08	CABL EXT SMD SNITT	SMC N10	322274
325374	04	CABL EXT 9.2 MBYTE	N-10	322288
325375	02	CABL EXT 9.2 MBYTE	DAISY CHAIN	322289
325375	08	CABL EXT 9.2 MBYTE	DAISY CHAIN	
325376	04	CABL EXT SMD SNITT	SMR/SMT N10	322290
325377	01	CABL EXT MMD SNITT	DAISY CHAIN	322482
325378	03	CABL EXT 1-2 STC	125 6250 N100	322858
325379	03	CABL EXT 3-4 STC	125 6250 N100	322858
325379	06	CABL EXT STC	125 6250 N100	322858
325382	06	CABL EXT CDC 900LP	N-100	
325383	06	CABL EXT X-DCE X21	N-100 X21	325234
325384	06	CABL EXT PIOC COM.L	N100 X21	325233
325385	06	CABL EXT PIOC/HDLC	N100 X21	
325386	06	CABL EXT S.MOD	N100 HDLC/PIOC	322872
325387	06	CABL EXT A.MOD	VDCE N100 PIOC	
325390	06	CABL EXT 4 PAIR	1-1 8-PINS	322275
325391	10	CABL EXT 4 PAIR	1-0 42-PINS	322276
325392	04	CABL EXT 12 PAIR	1-0 42-PINS	322700
325392	06	CABL EXT 12 PAIR	1-0 42-PINS	322277
325392	08	CABL EXT 12 PAIR	1-0 42-PINS	322701
325392	10	CABL EXT 12 PAIR	1-0 42-PINS	322702
325393	04	CABL EXT 21 PAIR	1-1 42-PINS	322278
325393	06	CABL EXT 21 PAIR	1-1 42-PINS	322703
325393	200	CABL EXT 21 PAIR	1-1 42-PINS	322716
325394	06	CABL EXT 21 PAIR	1-0 42-PINS	322343
325394	08	CABL EXT 21 PAIR	1-0 42-PINS	322344
325394	10	CABL EXT 21 PAIR	1-0 42-PINS	322344
325396	02	CABL EXT MAINS F/ISO.	TRAFO	322830
325396	04	CABL EXT VERSATEC	N10 DMA	322293
325397	06	CABL EXT VERSATEC	N10 SERIAL	322304
325398	06	CABL EXT NTB 1-4PLUG	N100	322864
325398	10	CABL EXT NTB 1-4PLUG	N100	322864
325399	06	CABL EXT NTB 3-4PLUG	N100	322865
325399	10	CABL EXT NTB 3-4PLUG	N100	322865
325400	06	CABL EXT MEGALINK	N100 N100	322866
325401	06	CABL EXT HDLC	N100 N10S	322870
325402	06	CABL EXT HDLC	N100 N100	322871
325403	04	CABL EXT FREEST.FL	ND360 N100	322875
325404	06	CABL EXT DATAPR.	1210 N100	322879
325405	06	CABL EXT DATAPR.	1210 N10	322718
325406	06	CABL EXT LP 3-900L	938X N10	322298

325407	04	CABL EXT PERTEC	N-100	322920
325408	01	CABL EXT FALCON	N-100	322921
325408	03	CABL EXT FALCON	N-100	322921
325409	04	CABL EXT HAWK DISK	N-100	322922
325410	06	CABL EXT ND845	N-100 25PIN	322923
325411	06	CABL EXT ND845	N-100 37PIN	322924
325412	06	CABL EXT ND845	N-10 42PIN	322925
325413	02	CABL EXT SMD SNITT	SMC 1:1	322938
325414	06	CABL EXT MEGALINK	N100 N10S	
325415	04	CABL EXT N100 V24	N100 RS232	
325416	06	CABL EXT NTB V24	N100 25PIN	
325417	06	CABL EXT NTB V24	N100 37PIN	
325418	06	CABL EXT NTB V24	N10 ND711	
325419	06	CABL EXT NTB V24	N10 ND253	
325420	06	CABL EXT DP 55	N-100 RS232	
325421	06	CABL EXT DP 55	KM-10 RS232	
325422	18	CABL EXT LINE SPLIT	MFC TO 0	325200
325423	10	CABL EXT LINE SPLIT	V24 TO 0	325201
325424	06	CABL EXT C.LIN	N100-N100 RS232	
325425	06	CABL EXT C.LINK	N10/N100 RS232	
325426	06	CABL EXT OMNI 825	N-10 ND711	
325427	06	CABL EXT 1640/1650	N-10 ND711	
325428	06	CABL EXT 2200/2115	N-10 ND711	
325429	06	CABL EXT FACIT 4420	N10 ND711	
325430	06	CABL EXT TALLY 1612	N10 ND711	
325431	06	CABL EXT EPSON-80	N-10 ND711	
325432	06	CABL EXT T-340	N-10 ND711	
325434	06	CABL EXT CO.LINK	N10-N10 ND711	
325435	06	CABL EXT DP-55	N-10 ND711	
325436	06	CABL EXT FACIT4420	MX80	
325437	06	CABL EXT SIMEX	N100	
325438	06	CABL EXT GP 300	ASYNC.	
325439	06	CABL EXT 1640/50	ASYNC.	
325441	06	CABL EXT HDLC LINK	N-10 N-10	322815
325442	03	CABL EXT SW CAB.	WATCH DOG X	
325443	10	CABL EXT SW CAB.	WATCH DOG A	
325444	10	CABL EXT SW CAB.	WATCH DOG B	

NORSK DATA A.S

Title

CABL EXT GP 300L KM-1D RS 232

Drawing No.

3-9569 B

325300 XX

WIRE NO.	KM-ID SIGNAL NAME	MODEM COVER KM-ID DB-25-P	MODEM COWER PHILIPS DB-25-P	PHILIPS NY KON/XOFF DTR
01				
02	TXD ←	2	2	2
03				
04	RXD →	3	3	3
05				
06	RTS ←	4		
07				
08	CTS →	5		
09				
10	DSR →	6	5-6	
11				
12	GND —	7	7	7
13				
14	RLSD →	8	8	8
15				
16	DTR ←	20	20	20
17				
18	DTB ←	18		
19				
20				
21				
22				* 4-5-6
23				
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NB! Shield connected to pin 1 in both plugs!

Cable type: 4 pair with Screen

* strappes

Drawn by HO/mä.	Remarks	Replacement for	Date
Approved		Replaced by	Date
Date 14.02.83			

NOBBI DATA A.G.

Title

CABL. EXT 2113/2115 N-100
RS 232

Drawing No.
3-9342 B

325303 XX

WIRE NO.	SIGNAL	POLARITY	EUROPEAN PIN NO.	PLUG PANEL FEMALE EXT. CAB. MALE COVER MANTING 25 PIN PLUG PIN NO.	25 S MODEM COVER PIN NO.		
01	CHASSIS			1			
02				* 14, 19			
03	TXD			2	3		
04	11+			15			
05	RXD			3	2		
06	12-			16			
07	RTS			4	8		
08	01+			17			
09	RFS			* 5, 6	20, 6		
10	02-			18			
11	DSR			* 6, 5			
12				* 19, 14			
13	GND			7	7		
14	DTR			20			
15	SIGN, DET.			8	4, 5		
16				21			
17	CHASSIS						
18							
19							
20							
21							
22							
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24							
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64							

INTERNAL CABLE TYPE :
 EXTERNAL CABLE TYPE 1: 4 pair shielded round cable
 EXTERNAL CABLE TYPE 2:
 EXTERNAL CABLE TYPE 3:
 EXTERNAL CABLE TYPE 4:

Pin 1 in the device plug is connected to cable shield.
 In the computer end of the external cable the shield is connected to an earth strap with faston.
 Male plug in computer end of cable

* Strap in external cable.

Drawn by	HO/kha	Remarks SHIELDED CONNECTOR IN COMPUTER END	Replacement for	Date
Approved			Replaced by	Date
Date	26.11.79			

WIRE NO.	SIGNAL		MODEM CANNON DB-25-P (MALE) MODED	MODEM CANNON DB-25-S FEMALE TDV	
01	TRANSMITTED DATA		2	2	BROWN
	RECEIVED DATA		3	3	BLACK
02	REQUEST TO SEND		4	4	GREEN
	FEADY FOR SENDING		5	5	BLACK
03	DATA SET READY		6		ORANGE
	SIGNAL GROUND		7	7	BLACK
04	CONN:DATA SET TO LINE		20	20,8,6	BLUE
	CALLING INDICATOR		22	22	BLACK
05					
06					
07					
08					
09					
10					
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18					
19					
20					
21					

NB! SHIELD CONNECTED TO PIN 1 IN BOTH PLUGS

DRAWN BY HO/ma	Remarks	Replacement for	Date
APPROVED BY		Replaced by	Date
DATE 06.04.81			

NORSK DATA A.S

Title

CABL EXT 2215 N-100 CU.LO

Drawing No.

3 - 9503

325307 XX

WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO.	EXT. C.B. 25 PIN PLUG PIN NO.	DEVICE PLUG EXT: CAB. FEMALE COVER MODEM 25 S PLUG PIN NO.	
1	CHASSIS		c 1	1		
2			a 1	14		
3	TXD		c 2	2		
4	11+		a 2	15	23	
5	RXD		c 3	3		
6	12-		a 3	16	24	
7	RTS		c 4	4		TERMINAL 1
8	01+		a 4	17	12	
9	RFS		c 5	5		
10	02-		a 5	18	13	
11	DSR		c 6	6		
12			a 6	19		
13	GND		c 7	7		
14	DTR		a 7	20		
15	SIGN. DET.		c 8	8		
16			a 8	21		
17	CHASSIS		c 9	1		
18			a 9	14		
19	TXD		c 10	2		
20	11+		a 10	15		
21	RXD		c 11	3		
22	12-		a 11	16		
23	RTS		c 12	4		TERMINAL 2
24	01+		a 12	17		
25	RFS		c 13	5		
26	02-		a 13	18		
27	DSR		c 14	6		
28			a 14	19		
29	GND		c 15	7		
30	DTR		a 15	20		
31	SIGN. DET.		c 16	8		
32			a 16	21		
33	CHASSIS		c 17	1		
34			a 17	14		
35	TXD		c 18	2		
36	11+		a 18	15		
37	RXD		c 19	3		
38	12-		a 19	16		
39	RTS		c 20	4		TERMINAL 3
40	01+		a 20	17		
41	RFS		c 21	5		
42	02-		a 21	18		
43	DSR		c 22	6		
44			a 22	19		
45	GND		c 23	7		
46	DTR		a 23	20		
47	SIGN. DET.		c 24	8		
48			a 24	21		
49	CHASSIS		c 25	1		
50			a 25	14		
51	TXD		c 26	2		
52	11+		a 26	15		
53	RXD		c 27	3		
54	12-		a 27	16		
55	RTS		c 28	4		TERMINAL 4
56	01+		a 28	17		
57	RFS		c 29	5		
58	02-		a 29	18		
59	DSR		c 30	6		
60			a 30	19		
61	GND		c 31	7		
62	DTR		a 31	20		
63	SIGN. DET.		c 32	8		
64			a 32	21		

INTERNAL CABLE TYPE : 64 wire flat cable
 EXTERNAL CABLE TYPE 1: 2 pair shielded round cable
 EXTERNAL CABLE TYPE 2:
 EXTERNAL CABLE TYPE 3:
 EXTERNAL CABLE TYPE 4:

Pin 1 in the device plug is connected to cable shield.
 In the computer end of the external cable the shield is connected to an earth strap with faston.
 Male plug in computer end of cable.

Drawn by HO/ma	Remarks B-connector on 3010 B & A-connector on 3013	Replacement for	Date
Approved		Replaced by	Date
Date 17.3.81			

A/S NORSK DATA-
ELEKTRONIKK

Title

CABL EXT 2215 TELEX PLUG
CU.LO.

Drawing no.

4 - 9457 B

325308 XX

NO.	SIGNAL.	POLARITY	PLUG BERG	CPU POS.	8 PIN BURNDY	8 PIN TELEX 64-908-011 plug or 60-908-011 socket: external 60-108-011 socket: internal	CANNON DB 25 S
1	SIGN				A	1	24
	GND				B	2	23
2	SIGN				C	4	13
	GND				D	3	12
3	SCREEN				E		
					H	6	
4					F		
					J		
5					K		
					M		
6					L		
					N		
7					P		
					S		
8					R		
					T		
9					U		
					W		
10					V		
					X		
11					Y		
					AA		
12					Z		
					BB		
13					CC		
					EE		
14					DD		
					FF		
15					HH		
					KK		
16					JJ		
					LL		
17					MM		
					PP		
18					NN		
					RR		
19					SS		
					UU		
20					TT		
					VV		

EXT. CABLE: 2 PAIR WITH SCREEN

DRAWN BY HO/ma
APPROVED BY
DATE 18.3.81

Remarks

Replacement for Date
Replaced by Date

NORSK DATA A.S Oslo, Norway		Title CABL EXT 2215 N-10 8 pin CU.10				Drawing no. 325309 XX	
WIRE NO.	SIGNAL	POLARITY	PLUG BERG (CPU POS.)	PLUG BURNDY 42 PINS	TDV 2215 PLUG: CANNON DB-25S COVER: CANNON DB-51226-1A	PLUG BURNDY 8PINS	
01	LINE I 2	1	BERG 95	A	24	A	
	LINE I 1	0	BERG 94	C	23	B	
	LINE O 2	1	BERG 93	B	13	C	
02	LINE O 1	0	BERG 92	D	12	D	
03				E			
04				H			
				F			
04				J			
				K			
05				M			
				L			
06				N			
				P			
07				S			
				R			
08				T			
				U			
09				W			
				V			
10				X			
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FOR CURRENT LOOP							
DRAWN BY		Remarks			Replacement for		Date
APPROVED BY					Replaced by		Date
DATE							

NORSK DATA A.S Oslo, Norway	Title CABL EXT 2215 N-10 42 PIN CU.LO.	Drawing no. 325310 XX
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WIRE NO.	SIGNAL	POLARITY	PLUG BERG (CPU POS.)	PLUG BURNDY 42 PINS	TDV 2215 PLUG: CANNON DB-25S COVER: CANNON DB-51226-1A	PLUG BURNDY 8 PINS
01	LINE I 2	1	BERG 95	A	24	A
	LINE I 1	0	BERG 94	C	23	B
02	LINE O 2	1	BERG 93	B	13	C
	LINE O 1	0	BERG 92	D	12	D
03				E		
04				H		
05				F		
06				J		
07				K		
08				M		
09				L		
10				N		
11				P		
12				S		
13				R		
14				T		
15				U		
16				W		
17				V		
18				X		
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20						
21						

FOR CURRENT LOOP

DRAWN BY	Remarks	Replacement for	Date
APPROVED BY		Replaced by	Date
DATE			

A/S NORSK DATA-
ELEKTRONIKK

Title

CABL EXT 2115 TELEX PLUG
CU.LO

Drawing no.

325311 XX

NO.	SIGNAL		PLUG BERG (CPU POS.)	8 PIN BURNDY	8 PIN TELEX 64-908-011. plug or 60-908-011 socket external 60-108-011 socket internal	CANNON DB 25 S
1	Sign.				1	24 and 25
	GND				2	23
2	Sign.				4	13
	GND				3	12
3	SCREEN				6	
4						
5						
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EXT: CABLE: 2 PAIR WITH SCREEN

DRAWN BY NJN
APPROVED BY
DATE 26.8.80

Remarks

Replacment for Date

Repl. cud by Date

NORSK DATA A.S	Title	CABL EXT 2115 N-100 CU.LO	Drawing No. 3-9322
			325312 XX

WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO.	PLUG PANEL FEMALE EXT.CAB. MALE COVER HARTING 25 PIN PLUG PIN NO.	DEVICE PLUG EXT.CAB.FEMALE COVER MODEM 25S PLUG PIN NO.		
1	CHASSIS		c 1	1		}	
2			a 1	14			
3	TXD		c 2	2			
4	I1+		a 2	15	23		
5	RXD		c 3	3			
6	I2-		a 3	16	* 24-25		
7	RTS		c 4	4			
8	O1+		a 4	17	12		TERMINAL 1
9	RFS		c 5	5			
10	O2-		a 5	18	13		
11	DSR		c 6	6			
12			a 6	19			
13	GND		c 7	7			
14	DTR		a 7	20			
15	SIGN. DET.		c 8	8			
16			a 8	21			
17	CHASSIS		c 9	1		}	
18			a 9	14			
19	TXD		c 10	2			
20	I1+		a 10	15			
21	RXD		c 11	3			
22	I2-		a 11	16			
23	RTS		c 12	4			TERMINAL 2
24	O1+		a 12	17			
25	RFS		c 13	5			
26	O2-		a 13	18			
27	DSR		c 14	6			
28			a 14	19			
29	GND		c 15	7			
30	DTR		a 15	20			
31	SIGN. DET.		c 16	8			
32			a 16	21			
33	CHASSIS		c 17	1		}	
34			a 17	14			
35	TXD		c 18	2			
36	I1+		a 18	15			
37	RXD		c 19	3			
38	I2-		a 19	16			
39	RTS		c 20	4			TERMINAL 3
40	O1+		a 20	17			
41	RFS		c 21	5			
42	O2-		a 21	18			
43	DSR		c 22	6			
44			a 22	19			
45	GND		c 23	7			
46	DTR		a 23	20			
47	SIGN. DET.		c 24	8			
48			a 24	21			
49	CHASSIS		c 25	1		}	
50			a 25	14			
51	TXD		c 26	2			
52	I1+		a 26	15			
53	RXD		c 27	3			
54	I2-		a 27	16			TERMINAL 4
55	RTS		c 28	4			
56	O1+		a 28	17			
57	RES		c 29	5			
58	O2-		a 29	18			
59	DSR		c 30	6			
60			a 30	19			
61	GND		c 31	7			
62	DTR		a 31	20			
63	SIGN. DET.		c 32	8			
64			a 32	21			

INTERNAL CABLE TYPE : 64 wire flatcable
EXTERNAL CABLE TYPE 1: 2 pair shielded round cable
EXTERNAL CABLE TYPE 2:
EXTERNAL CABLE TYPE 3:
EXTERNAL CABLE TYPE 4:

Pin 1 in the device plug is connected to cable. shield.
In the computer end of the external cable the shield is connected to an earth strap with faston.
Male plug in computer end of cable

* Strap in external cable.

Drawn by HO/kha	Remarks B-connector on 3010 B & A-connector on 3013	Replacement for	Date
Approved		Replaced by	Date
Date 26.11.79			

A/S NORSK DATA-
ELEKTRONIKK

Title

CABL EXT 2115 N-10 8 PIN CU.LO.

Drawing no.

N-10

325313 XX

NO.	SIGNAL	POLARITY	PLUG BERG (CPU POS.)	PLUG BURNDY PINS	TDV-2115 Plug: CANNON DB-25S Cover: CANNON DB-51226-1A	
1	Line I 2	1	Berg 95	A	24 - 25	
	Line I 1	0	Berg 94	B	23	
2	Line O 2	1	Berg 93	C	13	
	Line O 1	0	Berg 92	D	12	
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20						

For Current Loop
In computerend the screen is connected to an earth Faston

DRAWN BY

Remarks

Replacement for

Date

APPROVED BY

Replaced by

Date

DATE

A/S NORSK DATA-
ELEKTRONIKK

Title

CABL EXT 2115 N-10 42 PIN CU.LO

Drawing no.

N-10

325314 XX

NO.	SIGNAL	POLARITY	PLUG BERG (CPU POS.)	PLUG BURNDY 42 PINS	TDV-2115 Plug: CANNON DB-25S Cover: CANNON DB-51226-1A
1	Line I 2	1	Berg 95	A	24 - 25
	Line I 1	0	Berg 94	C	23
2	Line O 2	1	Berg 93	B	13
	Line O 1	0	Berg 92	D	12
3				E	
4				H	
5				F	
6				J	
7				K	
8				M	
9				L	
10				N	
11				P	
12				S	
13				R	
14				T	
15				U	
16				W	
17				V	
18				X	
19					
20					

For Current Loop

In computerend the screen is connected to an earth Faston

DRAWN BY

Remarks

Replacement for: Date

APPROVED BY

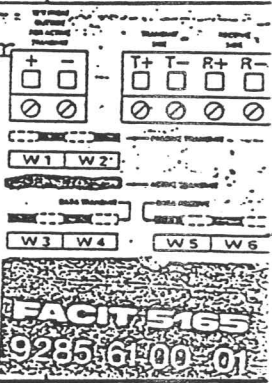
Replaced by: Date

DATE

NORSK DATA A.S Oslo, Norway	Title CABL EXT FACIT TELEX PL. CU.LO.	Drawing no.
		4-9464
		325316 XX

WIRE NO.	SIGNAL			8 PIN BURNDY	8 PIN TELEX 64-908-011 plug or 60-908-011 socket ext. 60-108-011 socket int.	Adapter Facit 5165 92856100 01
01	SIGN			A	1	T-
	GND			B	2	T+
02	SIGN			C	4	R-
	GND			D	3	R+
03				E		
	SCREEN			H	6	NC
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

In adapter jumper
W1-W2-W3-W4-W5
and W6 must be
linked as shown



EXT. CABLE. 2 PAIR WITH SCREEN
In telex plug, the screen is connected to pin 6.

DRAWN BY HO/ma	Remarks	Replacement for	Date
APPROVED BY		Replaced by	Date
DATE 14.02.83			

A/S NORSK DATA-
ELEKTRONIKK

Title

CABL EXT N10 8-42P CL

Drawing no.

325321 XX

No.	SIGNAL	PLUG BERG (CPU POS.)	PLUG BURNDY	8-PIN BURNDY CONNECTOR (MALE)
1	LINEI 2	BERG 95	A	A
	LINEI 1	" 94	C	B
2	LINEO 2	" 93	B	C
	LINEO 1	" 92	D	D
3		" 91	E	
		" 90	H	
4		" 89	F	
		" 88	J	
5		" 87	K	
		" 86	M	
6		" 85	L	
		" 84	N	
7		" 83	P	
		" 82	S	
8		" 81	R	
		" 80	T	
9		" 79	U	
		" 78	W	
10		" 77	V	
		" 76	X	
11		" 75	Y	
		" 74	AA	
12		" 73	Z	
		" 72	BB	
13		" 71	CC	
		" 70	EE	
14		" 69	DD	
		" 68	FF	
15		" 67	HH	
		" 66	KK	
16		" 65	JJ	
		" 64	LL	
17		" 63	MM	
		" 62	PP	
18		" 61	NN	
		" 60	RR	
19		" 59	SS	
		" 58	UU	
20		" 57	TT	
		" 56	VV	

DRAWN BY TU/BBO.

Remarks

Replacement for Date

APPROVED BY

Replaced by Date

DATE 29.7.75.

A/S NORSK DATA-
ELEKTRONIKK

Title

CABL EXT N10 TELE 8P CL

Drawing no.

325323 XX

NO.	SIGNAL			PLUG BERG (CPU POS.)	8 PIN BURNDY	8 PIN TELEX 64-908-011 plug or 60-908-011 socket external 60-108-011 socket internal		
1	Sign.				A	1		
	GND				B	2		
2	Sign.				C	4		
	GND				D	3		
3					E			
	SCREEN				H			
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								

EXT: CABLE: 2 PAIR WITH SCREEN

DRAWN BY NJN
APPROVED BY
DATE 26.8.80

Remarks

Replacement for	Date
Repl. ced by	Date

NO.	SIGNAL	PLUG BERG (CPU POS.)	PLUG BURNDY	CANNON DB-25-S	
1		BERG 95	A		
		" 94	C		
2		" 93	B		
		" 92	D		
3		" 91	E		
		" 90	H		
4		" 89	F		
		" 88	J		
5	T.DATA	" 87	K	3	R.DATA
	GND	" 86	M	7	GND
6	REQUEST TO SEND	" 85	L	8	SIGN:DETEC
	GND	" 84	N	7	
7	HIGH	" 83	P	6,5	DSR,RFS
	HIGH	" 82	S /X	LOOP TO 76	
		" 81	R		
8	BUSY	" 80	T	11,25	PRINTER BU
	GND	" 79	U	7	
9	R.DATA	" 78	W	2	T.DATA
10	SIGNAL DETECTOR	" 77	V	4	REQ.TO SEN
	SELECT RS-232	" 76	X /S	LOOP TO 82	
11	READY FOR SENDING	" 75	Y	20	TERM. READ
	GND	" 74	AA	7	
12		" 73	Z		
		" 72	BB		
13		" 71	CC		
		" 70	EE		
14		" 69	DD		
		" 68	FF		
15		" 67	HH		
		" 66	KK		
16		" 65	JJ		
		" 64	LL		
17		" 63	MM		
		" 62	PP		
18		" 61	NN		
		" 60	RR		
19		" 59	SS		
		" 58	UU		
20		" 57	TT		
		" 56	VV		

DRAWN BY TU/bbo.	Remarks	Replacement for	Date
APPROVED BY		Replaced by	Date
DATE 29.7.75.			

NORSK DATA A.S Oslo, Norway	Title CABL EXT PTP N-100	Drawing no. 4.9433
		325330 XX

NO.	SIGNAL	POLARITY	PLUG BERG	EUROPLUG NORD-100	PLUGPANEL 2x37 pin plug conn.	PLUG CHANNEL
1	PR ₁	1	BERG 95	a 20	1	12
	GND	0	" 94	c 20	20	25
2	CH9 ₁	1	" 93	a 19	2	9 & 11
	GND	0	" 92	c 19	21	25
3	CH8 ₁	1	" 91	a 18	3	8
	GND	0	" 90	c 18	22	25
4	CH7 ₁	1	" 89	a 17	4	7
	GND	0	" 88	c 17	23	25
5	CH6 ₁	1	" 87	a 16	5	6
	GND	0	" 86	c 16	24	25
6	CH5 ₁	1	" 85	a 15	6	5
	GND	0	" 84	c 15	25	25
7	CH4 ₁	1	" 83	a 14	7	4
	GND	0	" 82	c 14	26	25
8	CH3 ₁	1	" 81	a 13	8	3
	GND	0	" 80	c 13	27	25
9	CH2 ₁	1	" 79	a 12	9	2
	GND	0	" 78	c 12	28	25
10	CH1 ₁	1	" 77	a 11	10	1
	GND	0	" 76	c 11	29	25
11	DUMMY	1	" 75	a 10	11	14/15
	"	0	" 74	c 10	30	
12	"	1	" 73	a 9	12	
	"	0	" 72	c 9	31	
13	"	1	" 71	a 8	13	
	"	0	" 70	c 8	32	
14	"	1	" 69	a 7	14	
	"	0	" 68	c 7	33	
15	"	1	" 67	a 6	15	
	"	0	" 66	c 6	34	
16	"	1	" 65	a 5	16	
	"	0	" 64	c 5	35	
17	"	1	" 63	a 4	17	
	"	0	" 62	c 4	36	
18	"	1	" 61	a 3	18	
	"	0	" 60	c 3	37	
19	"	1	" 59	a 2	1	
	"	0	" 58	c 2	20	
20	"	1	" 57	a 1	2	
	"	0	" 56	c 1	21	
21	"	1	" 55		3	
	"	0	" 54		22	

DRAWN BY HO APPROVED BY DATE 6.9.79	Remarks	Replacement for: Date Replaced by: Date
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A/S NORSK DATA-
ELEKTRONIKK

Title CABL EXT PTP N10

Drawing no.
NORD-10

325331 XX

NO.	SIGNAL	POLARITY	PLUG BERG (CPU POS.)	PLUG BURNDY	PLUG CANNON
1	PR,	1	BERG 95	A	12
	GND	0	" 94	C	25
2	CH9,	1	" 93	B	9 & 11
	GND	0	" 92	D	25
3	CH8,	1	" 91	E	8
	GND	0	" 90	H	25
4	CH7,	1	" 89	F	7
	GND	0	" 88	J	25
5	CH6,	1	" 87	K	6
	GND	0	" 86	M	25
6	CH5,	1	" 85	L	5
	GND	0	" 84	N	25
7	CH4,	1	" 83	P	4
	GND	0	" 82	S	25
8	CH3,	1	" 81	R	3
	GND	0	" 80	T	25
9	CH2,	1	" 79	U	2
	GND	0	" 78	W	25
10	CH1,	1	" 77	V	1
	GND	0	" 76	X	25
11	DUMMY	1	" 75	Y	14/15
	"	0	" 74	AA	
12	"	1	" 73	Z	
	"	0	" 72	BB	
13	"	1	" 71	CC	
	"	0	" 70	EE	
14	"	1	" 69	DD	
	"	0	" 68	FF	
15	"	1	" 67	HH	
	"	0	" 66	KK	
16	"	1	" 65	JJ	
	"	0	" 64	LL	
17	"	1	" 63	NM	
	"	0	" 62	PP	
18	"	1	" 61	NN	
	"	0	" 60	RR	
19	"	1	" 59	SS	
	"	0	" 58	UU	
20	"	1	" 57	TT	
	"	0	" 56	VV	
21	"	1	" 55	XX	
	"	0	" 54	WW	

DRAWN BY	TM/eml	Remarks	Replacement for	Date
APPROVED BY			Replaced by	Date
DATE	14/8/73			

NORSK DATA A.S Oslo, Norway	Title CABL EXT PTR N-100	Drawing no. 4.9432
		325332 XX

NO.	SIGNAL	POLARITY	PLUG BERG	EUROPLUG NORD-100	PLUGPANEL 2x37 pin plug conn.	PLUG DIGITRONICS
1	STOP ₁	1	BERG 95	a 20	1	20
	GND	0	" 94	c 20	20	12
2	DRIVE ₁	1	" 93	a 19	2	18
	GND	0	" 92	c 19	21	12
3	SPROCKET ₁	1	" 91	a 18	3	N
	GND	0	" 90	c 18	22	12
4	RD7 ₁	1	" 89	a 17	4	M
	GND	0	" 88	c 17	23	11
5	RD6 ₁	1	" 87	a 16	5	L
	GND	0	" 86	c 16	24	10
6	RD5 ₁	1	" 85	a 15	6	K
	GND	0	" 84	c 15	25	9
7	RD4 ₁	1	" 83	a 14	7	J
	GND	0	" 82	c 14	26	8
8	RD3 ₁	1	" 81	a 13	8	H
	GND	0	" 80	c 13	27	7
9	RD2 ₁	1	" 79	a 12	9	F
	GND	0	" 78	c 12	28	6
10	RD1 ₁	1	" 77	a 11	10	E
	GND	0	" 76	c 11	29	5
11	RDO ₁	1	" 75	a 10	11	D
	GND	0	" 74	c 10	30	4
12	DUMMY	1	" 73	a 9	12	
	"	0	" 72	c 9	31	
13	"	1	" 71	a 8	13	
	"	0	" 70	c 8	32	
14	"	1	" 69	a 7	14	
	"	0	" 68	c 7	33	
15	"	1	" 67	a 6	15	
	"	0	" 66	c 6	34	
16	"	1	" 65	a 5	16	
	"	0	" 64	c 5	35	
17	"	1	" 63	a 4	17	
	"	0	" 62	c 4	36	
18	"	1	" 61	a 3	18	
	"	0	" 60	c 3	37	
19	"	1	" 59	a 2	1	
	"	0	" 58	c 2	20	
20	"	1	" 57	a 1	2	
	"	0	" 56	c 1	21	
21	"	1	" 55		3	
	"	0	" 54		22	

DRAWN BY HO	Remarks	Replacement for	Date
APPROVED BY		Replaced by	Date
DATE 6.9.79			

A/S NORSK DATA-
ELEKTRONIKK

Title CABL EXT PTR N10

Drawing no.
NORD-10
325333 XX

NO.	SIGNAL	POLARITY	PLUG BERG (CPU POS.)	PLUG BURNDY	PLUG DIGITRONICS
1	STOP,	1	BERG 95	A	20
	GND	0	" 94	C	12
2	DRIVE,	1	" 93	B	18
	GND	0	" 92	D	12
3	SPROCKET,	1	" 91	E	N
	GND	0	" 90	H	12
4	RD7,	1	" 89	F	M
	GND	0	" 88	J	11
5	RD6,	1	" 87	K	L
	GND	0	" 86	M	10
6	RD5,	1	" 85	L	K
	GND	0	" 84	N	9
7	RD4,	1	" 83	P	J
	GND	0	" 82	S	8
8	RD3,	1	" 81	R	H
	GND	0	" 80	T	7
9	RD2,	1	" 79	U	F
	GND	0	" 78	W	6
10	RD1,	1	" 77	V	E
	GND	0	" 76	X	5
11	RDO,	1	" 75	Y	D
	GND	0	" 74	AA	4
12	DUMMY	1	" 73	Z	
	"	0	" 72	BB	
13	"	1	" 71	CC	
	"	0	" 70	EE	
14	"	1	" 69	DD	
	"	0	" 68	FF	
15	"	1	" 67	HH	
	"	0	" 66	KK	
16	"	1	" 65	JJ	
	"	0	" 64	LL	
17	"	1	" 63	MM	
	"	0	" 62	PP	
18	"	1	" 61	NN	
	"	0	" 60	RR	
19	"	1	" 59	SS	
	"	0	" 58	UU	
20	"	1	" 57	TT	
	"	0	" 56	VV	
21	"	1	" 55	XX	
	"	0	" 54	WW	

DRAWN BY TM/eml
APPROVED BY
DATE 14/8/73

Remarks

Replacement for: Date
Replaced by: Date

NORSK DATA A.S Oslo, Norway	Title CABL EXT CR N-100	Drawing no. 4-4912
		325334 XX

NO.	SIGNAL	POLARITY	PLUG BERG	EUROPLUG NORD-100	PLUGPANEL 2x37 pin plug conn.	CARD READER PLUG	NAME CPU
1	ROW 11 _o	1	BERG 95	a 20	1	B	D 10 _o
	GND	0	" 94	c 20	20	F	GND
2	ROW 0 _o	1	" 93	a 19	2	C	D 9 _o
	GND	0	" 92	c 19	21	H	GND
3	ROW 12 _o	1	" 91	a 18	3	A	D 11 _o
	GND	0	" 90	c 18	22	E	GND
4	ROW 1 _o	1	" 89	a 17	4	D	D 8 _o
	GND	0	" 88	c 17	23	J	GND
5	PC _o	1	" 87	a 16	5	LL	
	GND	0	" 86	c 16	24	SS	
6	ROW 2 _o	1	" 85	a 15	6	K	D 7 _o
	GND	0	" 84	c 15	25	P	GND
7	RDY _o	1	" 83	a 14	7	BB	
	GND	0	" 82	c 14	26	FF	
8	ROW 3 _o	1	" 81	a 13	8	L	D 6 _o
	GND	0	" 80	c 13	27	R	GND
9	BSY _o	1	" 79	a 12	9	MM	
	GND	0	" 78	c 12	28	TT	
10	ROW 4 _o	1	" 77	a 11	10	M	D 5 _o
	GND	0	" 76	c 11	29	S	GND
11	IM _o	1	" 75	a 10	11	AA	
	GND	0	" 74	c 10	30	EE	
12	ROW 5 _o	1	" 73	a 9	12	N	D 4 _o
	GND	0	" 72	c 9	31	T	GND
13	HCK _o	1	" 71	a 8	13	JJ	
	GND	0	" 70	c 8	32	PP	
14	ROW 6 _o	1	" 69	a 7	14	U	D 3 _o
	GND	0	" 68	c 7	33	W	GND
15	HER _o	1	" 67	a 6	15	HH	
	GND	0	" 66	c 6	34	NN	
16	ROW 7 _o	1	" 65	a 5	16	V	D 2 _o
	GND	0	" 64	c 5	35	X	GND
17	MOCK _o	1	" 63	a 4	17	KK	
	GND	0	" 62	c 4	36	RR	
18	ROW 8 _o	1	" 61	a 3	18	Y	D 1 _o
	GND	0	" 60	c 3	37	CC	GND
19		1	" 59	a 2	1		
		0	" 58	c 2	20		
20	ROW 9 _o	1	" 57	a 1	2	Z	D 0 _o
	GND	0	" 56	c 1	21	DD	GND
21		1	" 55		3		
		0	" 54		22		

DRAWN BY HO	Remarks	Replacement for	Date
APPROVED BY		Replaced by	Date
DATE 6.9.79			

A/S NORSK DATA-
ELEKTRONIKK

Tida

CABL EXT CR

N-10

Drawing no.

NORD-10

325335 XX

NO.	SIGNAL	POLARITY	PLUG BERG (CPU POS.)	PLUG BURNDY	CARD READER PLUG	NAME CPU
1	ROW 11.	1	BERG 95	A	B	D 10.
	GND	0	" 94	C	F	GND
2	ROW 0.	1	" 93	B	C	D 9.
	GND	0	" 92	D	H	GND
3	ROW 12.	1	" 91	E	A	D 11.
	GND	0	" 90	H	E	GND
4	ROW 1.	1	" 89	F	D	D 8.
	GND	0	" 88	J	J	GND
5	PC.	1	" 87	K	LL	
	GND	0	" 86	M	SS	
6	ROW 2.	1	" 85	L	K	D 7.
	GND	0	" 84	N	P	GND
7	RDY.	1	" 83	P	BB	
	GND	0	" 82	S	FF	
8	ROW 3.	1	" 81	R	L	D 6.
	GND	0	" 80	T	R	GND
9	BSY.	1	" 79	U	MM	
	GND	0	" 78	W	TT	
10	ROW 4.	1	" 77	V	M	D 5.
	GND	0	" 76	X	S	GND
11	IM.	1	" 75	Y	AA	
	GND	0	" 74	AA	EE	
12	ROW 5.	1	" 73	Z	N	D 4.
	GND	0	" 72	BB	T	GND
13	HCK.	1	" 71	CC	JJ	
	GND	0	" 70	EE	PP	
14	ROW 6.	1	" 69	DD	U	D 3.
	GND	0	" 68	FF	W	GND
15	HER.	1	" 67	HH	HH	
	GND	0	" 66	KK	NN	
16	ROW 7.	1	" 65	JJ	V	D 2.
	GND	0	" 64	LL	X	GND
17	MOCK.	1	" 63	MM	KK	
	GND	0	" 62	PP	RR	
18	ROW 8.	1	" 61	NN	Y	D 1.
	GND	0	" 60	RR	CC	GND
19		1	" 59	SS		
		0	" 58	UU		
20	ROW 9.	1	" 57	TT	Z	D 0.
	GND	0	" 56	VV	DD	GND
21		1	" 55	XX		
		0	" 54	WW		

DRAWN BY TM/eml

Remarks

Replacement for

Date

APPROVED BY

Replaced by

Date

DATE

7/11/73

NORSK DATA A.S Oslo, Norway	Title CABL EXT T-340 N-100 CU.LO	Drawing no. 4-9440
		325336 XX

NO.	SIGNAL	POLARITY	PLUG BERG	EUROPLUG NORD-100	PLUG PANEL 2x37 pin plug connection	BURNDY 8-pin connector (MALE)	CANNON DB 25 P Modem cover (Ins. printer)
1	LINE I2		BERG 95	a20	1	A	20
	LINE I1		BERG 94	c20	20	B	16
2	LINE O2		BERG 93	a19	2	C	18
	LINE O1		BERG 92	c19	21	D	4
3			BERG 91	a18	3		
			BERG 90	c18	22		
4			BERG 89	a17	4		
			BERG 88	c17	23		
5			BERG 87	a16	5		
			BERG 86	c16	24		
6			BERG 85	a15	6		
			BERG 84	c15	25		
7			BERG 83	a14	7		
			BERG 82	c14	26		
8			BERG 81	a13	8		
			BERG 80	c13	27		
9			BERG 79	a12	9		
			BERG 78	c12	28		
10			BERG 77	a11	10		
			BERG 76	c11	29		
11			BERG 75	a10	11		
			BERG 74	c10	30		
12			BERG 73	a 9	12		
			BERG 72	c 9	31		
13			BERG 71	a 8	13		
			BERG 70	c 8	32		
14			BERG 69	a 7	14		
			BERG 68	c 7	33		
15			BERG 67	a 6	15		
			BERG 66	c 6	34		
16			BERG 65	a 5	16		
			BERG 64	c 5	35		
17			BERG 63	a 4	17		
			BERG 62	c 4	36		
18			BERG 61	a 3	18		
			BERG 60	c 3	37		
19			BERG 59	a 2	1		
			BERG 58	c 2	20		
20			BERG 57	a 1	2		
			BERG 56	c 1	21		
21			BERG 55		3		
			BERG 54		22		

2 pair with screen

DRAWN BY TF/ho	Remarks	Replacement for	Date
APPROVED BY		Replaced by	Date
DATE 22.10.79			

NORSK DATA A.S

Title

CABL EXT T-340 KM-ID RS232

Drawing No.

3-9384 B

325337 XX

WIRE NO.	KM-ID SIGNAL NAME	MODEM COVER KM-ID DB-25-P		HARTING COVER TERMINET 340 DB-25-P	TERMINET SIGNAL NAME		
01							
02	TXD ←	2					
03							
04	RXD →	3		2	R.DATA		
05							
06	RTS ←	4					
07							
08	CTS →	5					
09							
10	DSR →	6					
11							
12	GND —	7	7	7	GND		
13							
14	RLSD →	8					
15							
16	DTR ←	20	15	15	BUSY		
17							
18	DTB ←	18					
19							
20							
21							
22							
23							
24							
25							
26							
27							
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NB! Shield connected to pin 1 in both plugs.

Cable type: 4 pair with Screen

Drawn by	HO/kha	Remarks	Replacement for	Date
Approved			Replaced by	Date
Date	5.3.82			

NORSK DATA A.S Oslo, Norway	Title CABL EXT T-340 N-100 PARAL	Drawing no. 4-9446
		325338 XX

NO.	SIGNAL	POLARITY	PLUG BERG	EUROPLUG NORD-100	PLUG PANEL 2x37 pin plug connection	CANNON DB 25 PIN
1	RDY	1	BERG 95	a20	1	13
	GND		BERG 94	c20	20	7
2	STR	0	BERG 93	a19	2	24
	GND		BERG 92	c19	21	7
2	DA 7	1	BERG 91	a18	3	NC
	GND		BERG 90	c18	22	NC
4	DA 6	1	BERG 89	a17	4	14
	GND		BERG 88	c17	23	7
5	DA 5	1	BERG 87	a16	5	12
	GND		BERG 86	c16	24	7
6	DA 4	1	BERG 85	a15	6	18
	GND		BERG 84	c15	25	7
7	DA 3	1	BERG 83	a14	7	8
	GND		BERG 82	c14	26	7
8	DA 2	1	BERG 81	a13	8	3
	GND		BERG 80	c13	27	7
9	DA 1	1	BERG 79	a12	9	2
	GND		BERG 78	c12	28	7
10	DA 0	1	BERG 77	a11	10	11
	GND		BERG 76	c11	29	7
11	STS	1	BERG 75	a10	11	5
	GND		BERG 74	c10	30	7
12			BERG 73	a 9	12	
			BERG 72	c 9	31	
13			BERG 71	a 8	13	
			BERG 70	c 8	32	
14			BERG 69	a 7	14	
			BERG 68	c 7	33	
15			BERG 67	a 6	15	
			BERG 66	c 6	34	
16			BERG 65	a 5	16	
			BERG 64	c 5	35	
17			BERG 63	a 4	17	
			BERG 62	c 4	36	
18			BERG 61	a 3	18	
			BERG 60	c 3	37	
19			BERG 59	a 2	1	
			BERG 58	c 2	20	
20			BERG 57	a 1	2	
			BERG 56	c 1	21	
21			BERG 55		3	
			BERG 54		22	

DRAWN BY HO/kha	Remarks	Replacement for	Date
APPROVED BY		Replaced by	Date
DATE 24.4.80			

NORSK DATA A.S

Title

CABL EXT T-340 N-100 RS332

Drawing No.
3-9366

325339 XX

WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO.	25 PIN PLUG PIN NO.	EXT. CAB. MALE COVER MOUNTING 25 PIN PLUG PIN NO.	DEVICE PLUG EXT. CAB. MALE COVER MODEM PLUG 25P PIN NO.
1	CHASSIS		c 1	1		
2			a 1	14		
3	TXD		c 2	2		2
4	11+		a 2	15		
5	RXD		c 3	3		
6	12-		a 3	16		
7	RTS		c 4	4		
8	01+		a 4	17		
9	RFS		c 5	5		15
10	02-		a 5	18		
11	DSR		c 6	6		
12			a 6	19		
13	GND		c 7	7		7
14	DTR		a 7	* 20, 8		
15	SIGN. DET.		c 8	* 8, 20		
16			a 8	21		
17	CHASSIS		c 9	1		
18			a 9	14		
19	TXD		c 10	2		
20	11+		a 10	15		
21	RXD		c 11	3		
22	12-		a 11	16		
23	RTS		c 12	4		
24	01+		a 12	17		
25	RFS		c 13	5		
26	02-		a 13	18		
27	DSR		c 14	6		
28			a 14	19		
29	GND		c 15	7		
30	DTR		a 15	20		
31	SIGN. DET.		c 16	8		
32			a 16	21		
33	CHASSIS		c 17	1		
34			a 17	14		
35	TXD		c 18	2		
36	11+		a 18	15		
37	RXD		c 19	3		
38	12-		a 19	16		
39	RTS		c 20	4		
40	01+		a 20	17		
41	RFS		c 21	5		
42	02-		a 21	18		
43	DSR		c 22	6		
44			a 22	19		
45	GND		c 23	7		
46	DTR		a 23	20		
47	SIGN. DET.		c 24	8		
48			a 24	21		
49	CHASSIS		c 25	1		
50			a 25	14		
51	TXD		c 26	2		
52	11+		a 26	15		
53	RXD		c 27	3		
54	12-		a 27	16		
55	RTS		c 28	4		
56	01+		a 28	17		
57	RFS		c 29	5		
58	02-		a 29	18		
59	DSR		c 30	6		
60			a 30	19		
61	GND		c 31	7		
62	DTR		a 31	20		
63	SIGN. DET.		c 32	8		
64			a 32	21		

INTERNAL CABLE TYPE : 64 wire flat cable
 EXTERNAL CABLE TYPE 1: 4 pair round cable with screen
 EXTERNAL CABLE TYPE 2:
 EXTERNAL CABLE TYPE 3:
 EXTERNAL CABLE TYPE 4:

Pin 1 in the device plug is connected to cable shield.
 In the computer end of the external cable the shield is connected to an earth strap with faston.
 Male plug in computer end of cable.

* Strap in external cable.

Drawn by	Remarks B-connector on 3010 B & A-connector on 3013	Replacement for	Date
Approved		Replaced by	Date
Date			

NORSK DATA A.S

Title CABL EXT 1640/1650 N-100 RS232

Drawing No.
3 - 9393

325340 XX

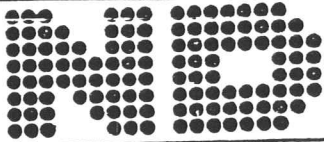
WIRE NO	SIGNAL	POLARITY	EUROPLUG PIN NO	COMPUTER END PLUG 25 pin Cover Harting pin no	DEVICE PLUG PIN 25 S COVER MODEM PIN NO		
01	CHASSIS						
02							
03	TXD			2	3		
04	11+						
05	RXD			3	2		
06	12-						
07	RTS						
08	01+						
09	RFS			5	20		
10	02-						
11	DSR						
12							
13	GND			7	7		
14	DTR			* 20, 8	6		
15	SIGN. DET.						
16							
17							
18							

INTERNAL CABLE TYPE:
EXTERNAL CABLE TYPE 1: 4 PAIR SHIELDED ROUND CABLE

PIN 1 IN THE DEVICE PLUG IS CONNECTED TO CABLE SHIELD: IN THE COMPUTER END OF THE EXTERNAL CABLE THE SHIELD IS CONNECTED TO AN EARTH STRAP WITH FASTON. MALE PLUG IN COMPUTER END OF CABLE.

* STRAP IN EXTERNAL CABLE

Drawn by HO/ma	Remarks	Replacement for	Date
Approved		Replaced by	Date
Date 10.10.80			



CABL. EXT TALLY 1612 N10
ND 253

325341 XX

NO.	SIGNAL	POLARITY	CPU POS.	PLUG BURNDY	Common DB 25 S
1			BERG 95	A	
			" 94	C	
2			" 93	B	
			" 92	D	
3			" 91	E	
			" 90	H	
4			" 89	F	
			" 88	J	
			" 87	K	3
5	T. Data		" 86	M	7
	GND		" 85	L	
6	RTS		" 84	N	7
	GND		" 83	P	6, 5
7	HIGH		" 82	S/X	Loop to 76
	HIGH		" 81	R	
8	BUSY		" 80	T	
	GND		" 79	U	7
9	R. Data		" 78	W	2
	Carrier		" 77	V	4
10	Select RS232		" 76	X/S	Loop to 82
	RFS		" 75	Y	19
11	GND		" 74	AA	7
			" 73	Z	
12			" 72	BB	
			" 71	CC	
13			" 70	EE	
			" 69	DD	
14			" 68	FF	
			" 67	HH	
15			" 66	KK	
			" 65	JJ	
16			" 64	LL	
			" 63	MM	
17			" 62	PP	
			" 61	NN	
18			" 60	RR	
			" 59	SS	
19			" 58	UU	
			" 57	TT	
20			" 56	VV	

A 19/6-79

A/S NORSK DATA-
ELEKTRONIKK

Title
CABL EXT ASYNC MOD N-10
ND702

Drawing no.
NORD-10
325342 XX

NO.	SIGNAL	POLARITY	PLUG BERG (CPU POS.)	PLUG BURNDY	CANNON DB-25-P
1	TRANSM. DATA	1	BERG 95	A	2
	GROUND	0	" 94	C	7
2	TRANSM. FREQ.	1	" 93	B	11
	REQ. TO SEND	1	" 92	D	4
3	CON. DATA SET TO LINE	1	" 91	E	20
	DATA SET REA	1	" 90	H	6
4	READY FOR SENDING	1	" 89	F	5
	LINE SIGN. DETECTOR	1	" 88	J	8
5	RECEIVED DATA	1	" 87	K	3
	GROUND	0	" 86	M	7
6	CALLING INDICATOR	1	" 85	L	22
		0	" 84	N	N.C.
7		1	" 83	P	
		0	" 82	S	
8		1	" 81	R	
		0	" 80	T	
9		1	" 79	U	
		0	" 78	W	
10		1	" 77	V	
		0	" 76	X	
11		1	" 75	Y	
		0	" 74	AA	
12		1	" 73	Z	
		0	" 72	BB	
13		1	" 71	CC	
		0	" 70	EE	
14		1	" 69	DD	
		0	" 68	FF	
15		1	" 67	HH	
		0	" 66	KK	
16		1	" 65	JJ	
		0	" 64	LL	
17		1	" 63	MM	
		0	" 62	PP	
18		1	" 61	NN	
		0	" 60	RR	
19		1	" 59	SS	
		0	" 58	UU	
20		1	" 57	TT	
		0	" 56	VV	
21		1	" 55	XX	
		0	" 54	WW	

DRAWN BY TU/eml	Remarks	Replacement for	Date
APPROVED BY		Replaced by	Date
DATE 5/12/73			

NORSK DATA A.S

Title
CABL EXT ASYNC MOD N-100

Drawing No.

3-9317

325343 XX

WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO.	PLUG PANEL female Ext. Cab. male Cover Harting: 25 pin plug PIN NO.	DB 51-226-1 Cover DB 51-226-1 PIN NO.	
1	CHASSIS		c 1	1		} TERMINAL 1
2			a 1	* 14 -19		
3	TXD		c 2	2	2	
4	I1+		a 2	15		
5	RXD		c 3	3	3	
6	I2-		a 3	16		
7	RTS		c 4	4	4	
8	O1+		a 4	17		
9	RFS		c 5	5	5	
10	O2-		a 5	18		
11	DSR		c 6	6	6	
12			a 6	* 19 -14		
13	GND		c 7	7	7	
14	DTR		a 7	20	20	
15	SIGN. DET.		c 8	8	8	
16			a 8	21		
17	CHASSIS		c 9	1		} TERMINAL 2
18			a 9	14		
19	TXD		c 10	2		
20	I1+		a 10	15		
21	RXD		c 11	3		
22	I2-		a 11	16		
23	RTS		c 12	4		
24	O1+		a 12	17		
25	RFS		c 13	5		
26	O2-		a 13	18		
27	DSR		c 14	6		
28			a 14	19		
29	GND		c 15	7		
30	DTR		a 15	20		
31	SIGN. DET.		c 16	8		
32			a 16	21		
33	CHASSIS		c 17	1		} TERMINAL 3
34			a 17	14		
35	TXD		c 18	2		
36	I1+		a 18	15		
37	RXD		c 19	3		
38	I2-		a 19	16		
39	RTS		c 20	4		
40	O1+		a 20	17		
41	RFS		c 21	5		
42	O2-		a 21	18		
43	DSR		c 22	6		
44			a 22	19		
45	GND		c 23	7		
46	DTR		a 23	20		
47	SIGN. DET.		c 24	8		
48			a 24	21		
49	CHASSIS		c 25	1		} TERMINAL 4
50			a 25	14		
51	TXD		c 26	2		
52	I1+		a 26	15		
53	RXD		c 27	3		
54	I2-		a 27	16		
55	RTS		c 28	4		
56	O1+		a 28	17		
57	RFS		c 29	5		
58	O2-		a 29	18		
59	DSR		c 30	6		
60			a 30	19		
61	GND		c 31	7		
62	DTR		a 31	20		
63	SIGN. DET.		c 32	8		
64			a 32	21		

INTERNAL CABLE TYPE : 64 wire flatcable
 EXTERNAL CABLE TYPE 1: 4 pair round cable with screen
 EXTERNAL CABLE TYPE 2:
 EXTERNAL CABLE TYPE 3:
 EXTERNAL CABLE TYPE 4:

Pin 1 in the device plug is connected to cable shield.
 In the computer end of the external cable the shield is connected to an earth strap (faston).

* Strap in external cable

Drawn by TF	Remarks B-connector on 3010 B & A-connector on 3013	Replacement for	Date
Approved		Replaced by	Date
Date 20.11.79			

NORSK DATA A.S Oslo, Norway	Title CABL EXT SYNC. MOD. N-100	Drawing no. 4-9428 325344 XX
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NO.	SIGNAL	POLARITY	PLUG BERG	EUROPLUG NORD-100	PLUGPANEL 2x37 pin plug conn.	CANNON DB-25-P
1	TRANSMITTED DATA		BERG 95	a 20	1	2
	GROUND		" 94	c 20	20	7
2	RATE SELECTOR		" 93	a 19	2	23
	REQUEST TO SEND		" 92	c 19	21	4
3	CONNECT D.S. TO LINE		" 91	a 18	3	20
	DATA SET READY		" 90	c 18	22	6
4	READY FOR SENDING		" 89	a 17	4	5
	SIGNAL DETECTOR		" 88	c 17	23	8
5	RECEIVED DATA		" 87	a 16	5	3
	GROUND		" 86	c 16	24	7
6	CALLING INDICATOR		" 85	a 15	6	22
	GROUND		" 84	c 15	25	7
7	TRANSMITTER TIMING		" 83	a 14	7	15
	GROUND		" 82	c 14	26	7
8	RECEIVER TIMING		" 81	a 13	8	17
	GROUND		" 80	c 13	27	7
9			" 79	a 12	9	
			" 78	c 12	28	
10			" 77	a 11	10	
			" 76	c 11	29	
11			" 75	a 10	11	
			" 74	c 10	30	
12			" 73	a 9	12	
			" 72	c 9	31	
13			" 71	a 8	13	
			" 70	c 8	32	
14			" 69	a 7	14	
			" 68	c 7	33	
15			" 67	a 6	15	
			" 66	c 6	34	
16			" 65	a 5	16	
			" 64	c 5	35	
17			" 63	a 4	17	
			" 62	c 4	36	
18			" 61	a 3	18	
			" 60	c 3	37	
19			" 59	a 2	1	
			" 58	c 2	20	
20			" 57	a 1	2	
			" 56	c 1	21	
21			" 55		3	
			" 54		22	

DRAWN BY HO	Remarks	Replacement for: Date	
APPROVED BY		Replaced by	Date
DATE 6.9.79			

NORSK DATA A.S

Title
CABL EXT KM-ID N-100 LOCAL

Drawing No.
3-9381 C

325345 XX

WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO.	PLUG PANEL FEMALE EXT. CAB. MALE COVER HAVING 25 PIN PLUG PIN NO.	KM-ID 25 P COVER MODEM PIN NO.
1	CHASSIS		c 1	1	
2			a 1	14	
3	TXD		c 2	2	2
4	11+		a 2	15	
5	RXD		c 3	3	3
6	12-		a 3	16	
7	RTS		c 4	4	
8	01+		a 4	17	
9	RFS		c 5	5	8
10	02-		a 5	18	
11	DSR		c 6	6	
12			a 6	19	
13	GND		c 7	7	7
14	DTR		a 7	* 20-8	20
15	SIGN. DET.		c 8	* 8-20	6
16			a 8	21	
17	CHASSIS		c 9	1	
18			a 9	14	
19	TXD		c 10	2	
20	11+		a 10	15	
21	RXD		c 11	3	
22	12-		a 11	16	
23	RTS		c 12	4	
24	01+		a 12	17	
25	RFS		c 13	5	
26	02-		a 13	18	
27	DSR		c 14	6	
28			a 14	19	
29	GND		c 15	7	
30	DTR		a 15	20	
31	SIGN. DET.		c 16	8	
32			a 16	21	
33	CHASSIS		c 17	1	
34			a 17	14	
35	TXD		c 18	2	
36	11+		a 18	15	
37	RXD		c 19	3	
38	12-		a 19	16	
39	RTS		c 20	4	
40	01+		a 20	17	
41	RFS		c 21	5	
42	02-		a 21	18	
43	DSR		c 22	6	
44			a 22	19	
45	GND		c 23	7	
46	DTR		a 23	20	
47	SIGN. DET.		c 24	8	
48			a 24	21	
49	CHASSIS		c 25	1	
50			a 25	14	
51	TXD		c 26	2	
52	11+		a 26	15	
53	RXD		c 27	3	
54	12-		a 27	16	
55	RTS		c 28	4	
56	01+		a 28	17	
57	RFS		c 29	5	
58	02-		a 29	18	
59	DSR		c 30	6	
60			a 30	19	
61	GND		c 31	7	
62	DTR		a 31	20	
63	SIGN. DET.		c 32	8	
64			a 32	21	

INTERNAL CABLE TYPE : 64 wire flat cable
 EXTERNAL CABLE TYPE 1: 4 pair round cable
 EXTERNAL CABLE TYPE 2:
 EXTERNAL CABLE TYPE 3:
 EXTERNAL CABLE TYPE 4:

Pin 1 in the KM-ID plug is connected to cable shield.
 In the computer end of the external cable the shield is connected to an earth strap with faston.
 Male plug in computer end of cable.
 * Strap in ext. cable.

Drawn by HO/kha	Remarks B-connector on 3010 B & A-connector on 3013	Replacement for	Date
Approved		Replaced by	Date
Date 27.4.82			

NORSK DATA A.S

Title

CABL EXT S.MOD N100
HDLC/PIOC

Drawing No.
3-9329 C

325346 XX

WIRE NO.	SIGNAL HDLC/PIOC	POLARITY	EUROPLUG PIN NO.	DEVICE PLUG DDC 25 P COWER HARTING PIN NO.	DEVICE PLUG DDC 25 P COWER MODEM PIN NO.		
01				1			
02				14			
03	TDA / TXD			2	2	}	
04	TCL / TXC			15	15		
05	RDA / RXD			3	3		
06				16			
07	RTS / RTS			4	4		
08	RCL / RXC			17	17		
09	RFS / RFS			5	5		7
10				18			
11	DSR / DSR			6	6		
12				19			
13	GND / GND			7	7		
14	DTR / DTR			20	20		
15	SD / SD			8	8		
16				21			
17				9			
18	RI			22	22		
19				10			
20				23			
21				11			
22				24			
23				12			
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INTERNAL CABLE TYPE :
 EXTERNAL CABLE TYPE 1: 12 pair round cable with screen.
 EXTERNAL CABLE TYPE 2:
 EXTERNAL CABLE TYPE 3:
 EXTERNAL CABLE TYPE 4:

Pin 1 in the device plug is connected to cable shield. In the computer end of the external cable the shield is connected to an earth strap with Faston.

Drawn by HO/kha	Remarks This cable should be connected to PIOC V- Connector	Replacement for	Date
Approved		Replaced by	Date
Date 27.5.82			

NORSK DATA A.S

Title

CABL EXT ND 845 SYNC.MOD

Drawing No.

3 - 9391

325347 XX

WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO	PLUGPANEL MULTISWITCH 25 P COWER HARTING PIN NO	DEVICE PLUG 25 P COWER HARTING PIN NO.
01	TRANSMITTED DATA			1	2
02	GROUND			14	7
03	RATE SELECTOR			2	23
04	REQUEST TO SEND			15	4
05	CONNECT D.S. TO LINE			3	20
06	DATA SET READY			16	6
07	READY FOR SENDING			4	5
08	SIGNAL DIRECTOR			17	8
09	RECEIVED DATA			5	3
10	GROUND			18	7
11	CALLING INDICATOR			6	22
12	GROUND			19	7
13	TRANSM. TIMING			7	15
14	GROUND			20	7
15	RECEIVER TIMING			8	17
16	GROUND			21	7
17					
18					
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64					

INTERNAL CABLE TYPE:

EXTERNAL CABLE TYPE 1: 12 PAIR SHIELDED ROUND CABLE.

EXTERNAL CABLE TYPE 2:

EXTERNAL CABLE TYPE 3:

EXTERNAL CABLE TYPE 4:

Pin 1 in the device plug is connected to cable shield. In the multisw. end of the external cable the shield is connected to an earth strap with Faston.

Drawn by NJN/ma	Remarks MULTISWITCH = ND 845	Replacement for	Date
Approved		Replaced by	Date
Date 6.10.80			

NORSK DATA A.S Oslo, N�rway		Title CABL EXT X-21 N10 HDLC				Drawing no. 325348 XX	
WIRE NO.	SIGNAL	POLARITY	PLUG BERG CPU POS.	PLUG BURNDY 42 PIN	CANNON DP-15 P MALE		
01	RECEIVE DATA A		95	A	4		
	RECEIVE DATA B		94	C	11		
02	SIGN. ELEMENT TIMING A		93	B	6		
	SIGN. ELEMENT TIMING B		92	D	13		
03	INDICATION A		91	E	5		
	INDICATION B		90	H	12		
04	TRANSMIT DATA B		89	F	9		
	TRANSMIT DATA A		88	J	2		
05	CONTROL A		87	K	3		
	CONTROL B		86	M	10		
06			85	L			
			84	N			
07			83	P			
	READY FOR SENDING		82	S			
08			81	R			
	REQUEST TO SEND		80	T			
09			79	U			
	SIGNAL GROUND		78	W	8		
10			77				
			76				
11			75				
			74				
12			73				
			72				
13			71				
			70				
14			69				
			68				
15			67				
			66				
16			65				
			64				
17			63				
			62				
18			61				
			60				
19			59				
			58				
20			57				
			56				
21			55				
			54				

NB! T and S loops in PLUG BURNDY in external cable

NB! L, N, P and W loops in PLUG BURNDY in external cable

DRAWN BY HO/kha	Remarks	Replacement for	Date
APPROVED BY		Replaced by	Date
DATE 24.4.80			

AVS NORSK DATA-
ELEKTRONIKK

Title

CABL EXT SYNC MOD N-10
ND701

Drawing no.

NORD-10

325351 XX

No.	SIGNAL	POLARITY	PLUG BERG (CPU POS.)	PLUG BURNDY	CANNON DB-25-P
1	TRANSMITTED DATA		BERG 95	A	2
	GROUND		" 94	C	7
2	RATE SELECTOR		" 93	B	23
	REQUEST TO SEND		" 92	D	4
3	CONNECT DS. TO LINE		" 91	E	20
	DATA SET READY		" 90	H	6
4	READY FOR SENDING		" 89	F	5
	SIGNAL DETECTOR		" 88	J	8
5	RECEIVED DATA		" 87	K	3
	GROUND		" 86	M	7
6	CALLING INDICATOR		" 85	L	22
	GROUND		" 84	N	7
7	TRANSMITTER TIMING		" 83	P	15
	GROUND		" 82	S	7
8	RECEIVER TIMING		" 81	R	17
	GROUND		" 80	T	7
9		1	" 79	U	
		0	" 78	W	
10		1	" 77	V	
		0	" 76	X	
11		1	" 75	Y	
		0	" 74	AA	
12		1	" 73	Z	
		0	" 72	BB	
13		1	" 71	CC	
		0	" 70	EE	
14		1	" 69	DD	
		0	" 68	FF	
15		1	" 67	HH	
		0	" 66	KK	
16		1	" 65	JJ	
		0	" 64	LL	
17		1	" 63	MM	
		0	" 62	PP	
18		1	" 61	NN	
		0	" 60	RR	
19		1	" 59	SS	
		0	" 58	UU	
20		1	" 57	TT	
		0	" 56	VV	
21		1	" 55	XX	
		0	" 54	WW	

DRAWN BY TU/eml
APPROVED BY
DATE 5/12/73

Remarks

Replacement for Date
Replaced by Date

NOTOK DATA A.S

Title
CABL EXT KM-1D TPLEX PLUG -0
OR 8PINS PLUG -0

Drawing No.
3-9386B

325353 XX 325354 XX

WIRE NO.	SIGNAL	KM-1D (ND-100) POLARITY	ND 849 EUROPLUG PIN NO.	PLUGPANEL TELX PIN NO	DEVICE PLUG KM-1D PIN NO		
01	REC	1	A	1	3		
02	REC	2	B	2	4		
03	TRANSM.	3	C	4	1		
04	TRANSM.	4	D	3	2		
05							
06	SHIELD	5	H	6	5		
07							
08							
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64							

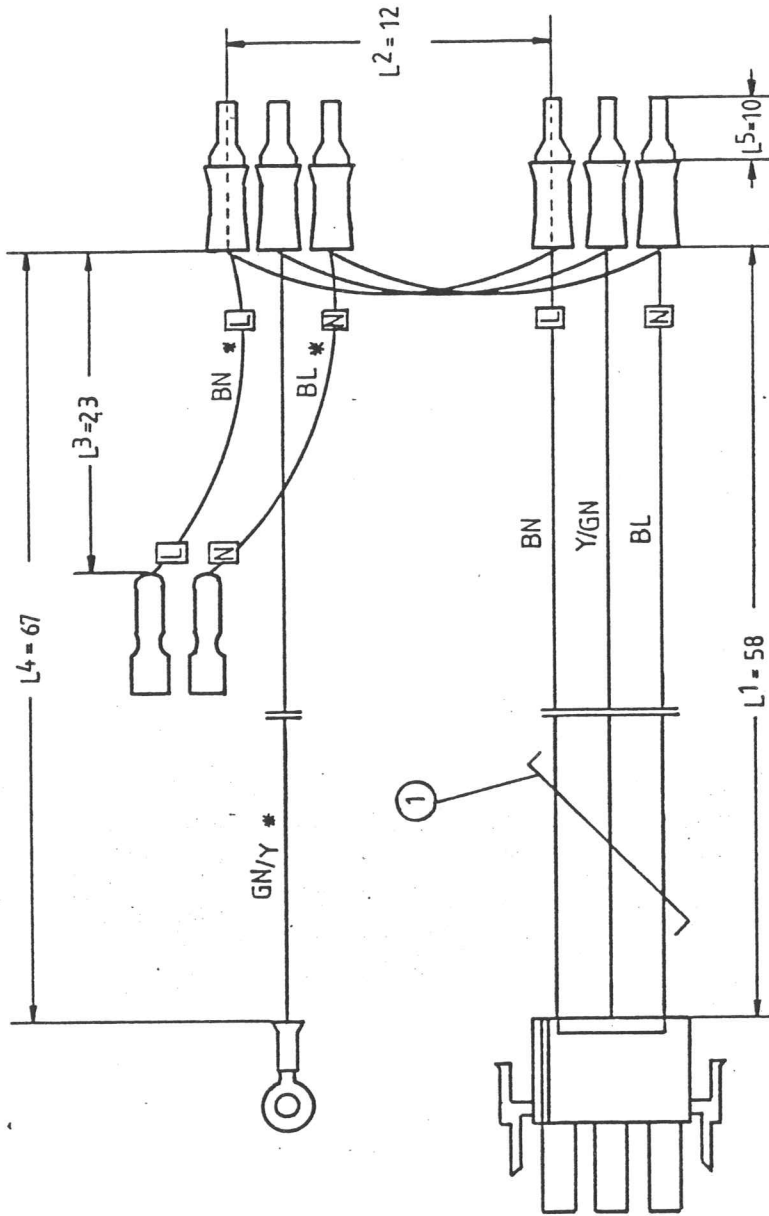
INTERNAL CABLE TYPE :
 EXTERNAL CABLE TYPE 1: 2 pair shielded round cable
 EXTERNAL CABLE TYPE 2:
 EXTERNAL CABLE TYPE 3:
 EXTERNAL CABLE TYPE 4:

Drawn by NJN/ma	Remarks	Replacement for	Date
Approved		Replaced by	Date
Date 15.3.82			

END B

END C

END A



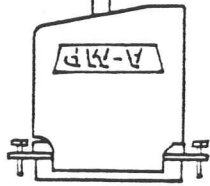
PIN	A	B	Pin/Faston/Ring	COLOUR CODE	SQ. MM.	TWISTED
AMP 165049	"	"	AMP 926893-1	BL	0,75	PAIR
"	"	"	"	Y/GN	"	
"	"	"	"	BN	"	
"	A	A	AMP 165049	BL	"	
"	"	"	"	Y/GN	"	
"	"	"	"	BN	"	
"	A	C	AMP 160583-2	BL *	1,5	
"	A	B	AMP 31890	Y/GN *	"	
"	A	C	AMP 160583-2	BN *	"	

COLOUR CODE	
Black	BK
Brown	BN
Orange	OR
Yellow	Y
Blue	BL
White	W
Green	GN
Green/Yellow	GN/Y
Grey	GR
Red	R
Violet	V0

Corrected L ³ =13 change to L ³ =23		Date 19/5/84	Sign. HK
CABL. INT.		Print no./Scale	6.2.84
TO 230 V DIST.		Contr.	
NORSK DATA A.S. Oslo, Norway		Page 1 of 1	
325037		Replacement for	
Replaced by			

① TWISTED	END A : AMP 165049 / AMP 160583 2 / SHR. SLEEVE 3/16"
	END B : AMP 350766 1 / AMP 31890
	CABLE TYPE: TP 100 / * = PN
	CABLE LENGTH: L ¹ =58 CM L ² =12 CM L ³ =23 CM L ⁴ =67 CM
	L ⁵ =10 MM

END A
GP 300L



↑
LABLE

325300 XX
GP 300L KM 1D RS 232

XX INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

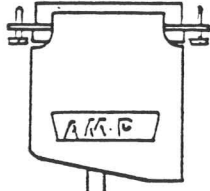
CABLE TYPE: NEK. HK-S-K 4 PAIRS

CONNECTORS TYPE: END A 25 P

END B 25 P

PRODUCTION TIPS :

END B
KM-1D RS 232



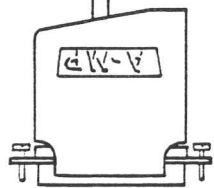
↑
LABLE

325300 XX
GP 300L KM 1D RS 232

CABL. EXT GP 300L & KM-1D	Drawn <i>MJM</i>
	Date 7.2.83.
NORSK DATA A.S Oslo, Norway	Appr.
	Replacement for 325300

Corrected	Date	Sign.

END A
GP 300L



LABEL

325301 x x
GP 300L ND100 RS232

XX INDICATES LENGTH IN METERS.

ADHERE LABEL 1-2 DM FROM CONNECTORS.

CABLE TYPE: NEK . HK-S-K 4 PAIRS

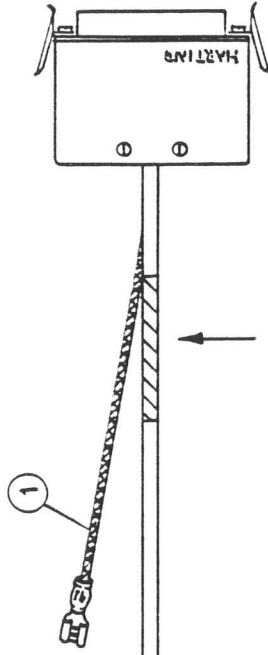
CONNECTORS TYPE: END A 25 P

END B 25 P

PRODUCTION TIPS:

① SHIELDED CABLE 15 CM

END B
ND 100 RS232



LABEL

325301 x x
GP 300L ND100 RS232

CABL. EXT.

GP 300L - ND 100 RS 232

Drawn MJM

Date 18.1.83

Contr.

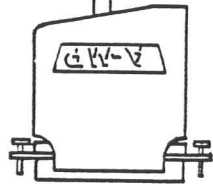
Replacement for

NORSK DATA A.S
Oslo, Norway

325-01

Co.	Date	Sign.

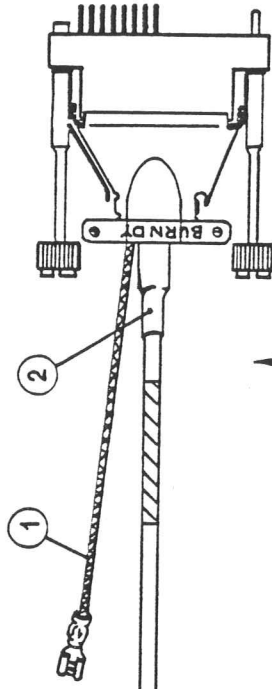
END A
GP 300L



↑
LABLE

325302 xx
GP 300L ND 10

END B
ND 10



↑
LABLE

325302 xx
GP 300L ND 10

XX INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE: NEK. HK-S-K 4 PAIRS.

CONNECTORS TYPE: END A 25 P

END B 42 P BURNDY

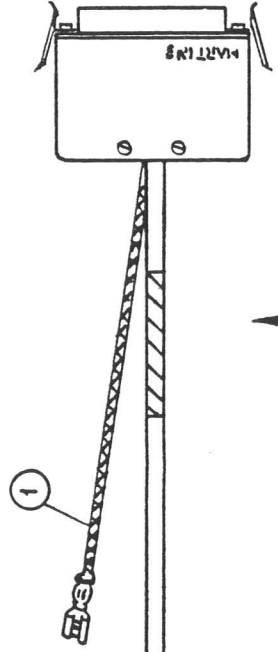
PRODUCTION TIPS :

- ① SHIELDED CABLE 15 CM
- ② SHR. SLEEVE 1/2"

CABL. EXT GP 300L - ND 10	Drawn MJM
	Date 7.2.83
NORSK DATA A.S Oslo, Norway	Appr.
	Replacement for 325302

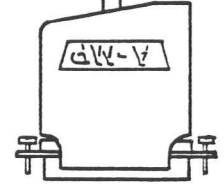
Corrected	Date	Sign

END B
ND 100 RS 232



LABLE
325303 XX
2215/2115 ND 100 RS 232

END A
2215 / 2115



LABLE
325303 XX
2215/2115 ND 100 RS 232

XX INDICATES LENGH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE:

CONNECTORS TYPE: END A 25 S

END B 25 P

PRODUCTION TIPS: NEK. HK-S-K 4 PAIRS

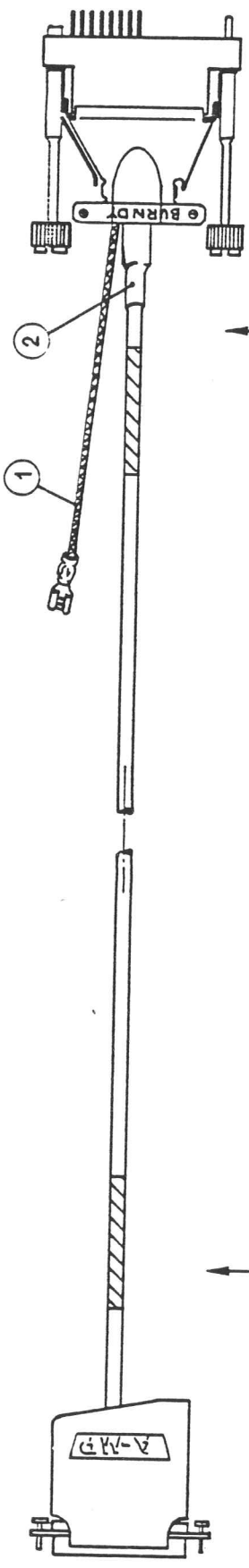
① SHIELDED CABLE 15 CM

CABL. EXT 2215 / 2115 - ND 100 RS. 232	Drawn MjH
	Date 8.2.83.
NORSK DATA A.S Oslo, Norway	Appr.
	Replacement for
325.03	

Corrected	Date	Sign.

END A
2215 / 2115

END B
ND 10 RS 232



XX INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE: NEK. HK-S-K 4 PAIRS.

CONNECTORS TYPE: END A 25 P

END B 42 P BURNDY

PRODUCTION TIPS :

- ① SHIELDED CABLE 15 CM
- ② SHR. SLEEVE 1/2"

LABLE

325304 XX
GP 300L ND 10

LABLE

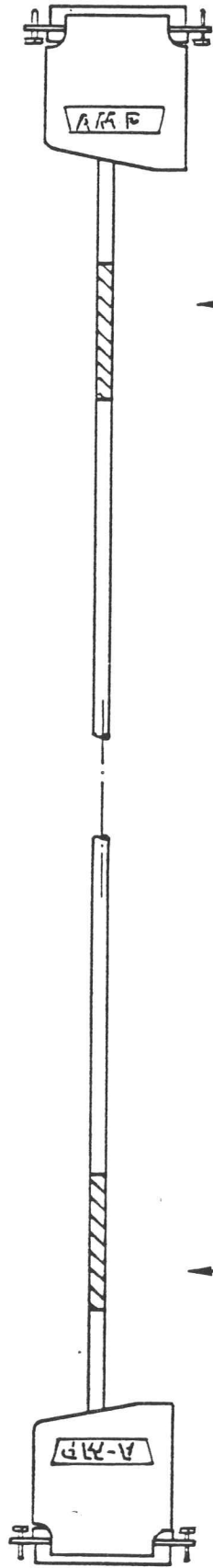
325304 XX
GP 300L ND 10

CABL. EXT	Drawn	MJM
	Date	8.2.83
2215 / 2115 - ND 10 RS 232		Appr.
Replacement for		
NORSK DATA A.S Oslo, Norway		325304

Corrected	Date	Sign

END A
2215 / 2115

END B
KM-1D RS 232



XX INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE: NEK. HK-S-K 4 PAIRS

CONNECTORS TYPE: END A 25 S

END B 25 P

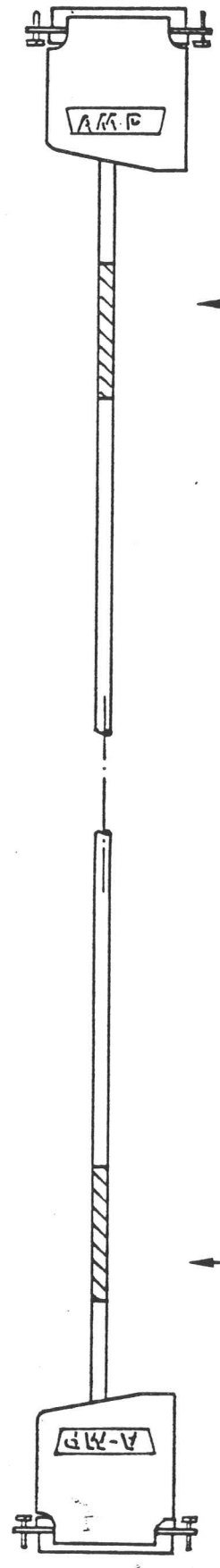
PRODUCTION TIPS :

CABL. EXT 2215 / 2115 - KM-1D RS232	Drawn <i>M/M</i>
	Date 9.2.83.
NORSK DATA A.S. Oslo, Norway	Appr.
	Replacement for 325305

Contracted	Date	Sign

END A
2215 / 2115

END B
ASYNC. RS 232



XX • INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE: NEK. HK-S-K 4 PAIRS

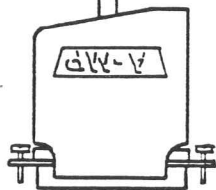
CONNECTORS TYPE: END A 25 S

END B 25 P

PRODUCTION TIPS :

CABL. EXT	Drawn M/M	Replacement for 325306
	Date 9.2.83.	
	Appr.	
2215/2115 - ASYNC. RS 232		NORSK DATA A.S Oslo, Norway
Corrected		
Date	Sign.	

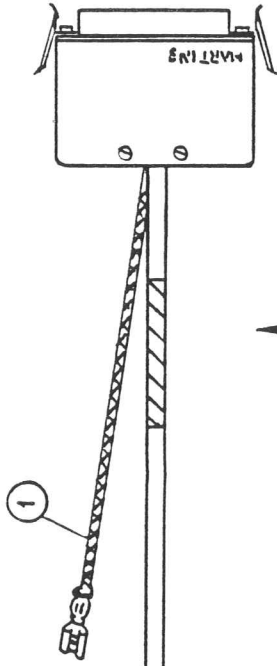
END A
2215 / 2115



↑
LABLE

325307 XX
2215/2115 ND100 CULO

END B
ND 100 CU, L.O.



↑
LABLE

325307 XX
2215/2115 ND100CULO

XX INDICATES LENGH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE :

CONNECTORS TYPE : END A 25 S

END B 25 P

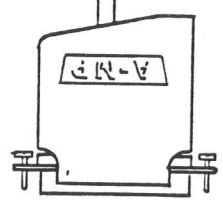
PRODUCTION TIPS : NEK. HK-S-K .4 PAIRS

① SHIELDED CABLE 15 CM

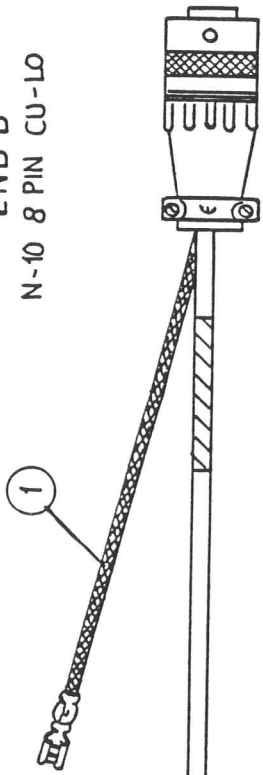
CABL. EXT 2215 / 2115 - ND 100 CU.LO	Drawn MjH
	Date 8.2.83.
NORSK DATA A.S Oslo, Norway	Appr
	Replacement for
32537	

Corrected	Date	Sign

END A
2215



END B
N-10 8 PIN CU-LO



↑
LABLE

325309 XX
2215 N-10 8PIN CU-LO

XX INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE: NEK - S-K 2 PAIRS

CONNECTORS TYPE: END A 25 S

END B 8 PIN BURNDY

PRODUCTION TIPS :

① SHIELD CABLE 15 CM

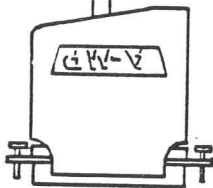
↑
LABLE

325309 XX
2215 N-10 8PIN CU-LO

CABL. EXT		Drawn MJM
2215 N-10 8 PIN CU-LO		Date 6.6.83.
		Appr
NORSK DATA A.S. Oslo, Norway		Replacement for
		325309

Corrected	Date	Sign

END A
2215



LABLE

325310 XX

2215 N-10 42 PIN CU-L0

XX INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE: NEK. HK-S-K 2 PAIRS.

CONNECTORS TYPE: END A 25 S

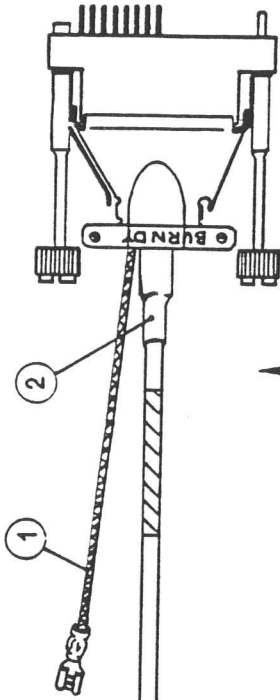
END B 42 P BURNDY

PRODUCTION TIPS:

- ① SHIELDED CABLE 15 CM
- ② LINING

END B

ND 10 42 PIN CU-L0



LABLE

3253 XX

2215 N-10 42 PIN CU-L0

Drawn	MJM
Date	6.6.83
Appr	

CABL. EXT	2215 N-10 42 PIN CU-L0
-----------	------------------------

Replacement for

NORSK DATA A.S.
Oslo, Norway

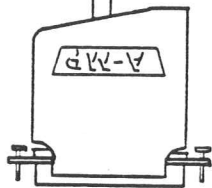
325310

Corrected

Date

Sign

END A
2215



LABLE
↑

325311 XX
2215 TELEX PLUG CU-10

XX INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS

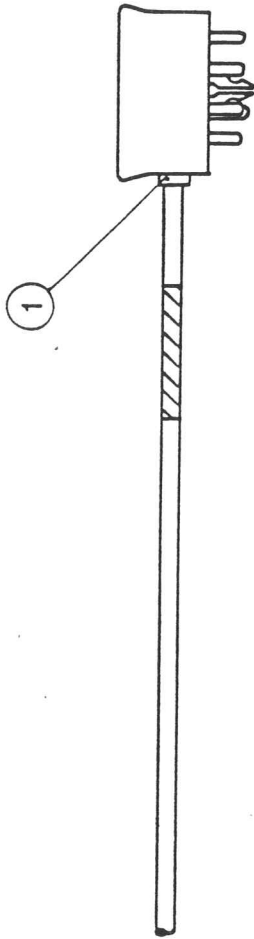
CABLE TYPE NEK HK-S-K 2 PAIRS

CONNECTORS TYPE END A 25 S

END B TELEX

PRODUCTION TIPS

① TINGING



LABLE
↑

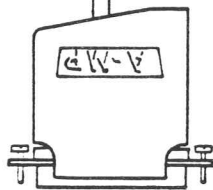
325311 XX
2215 TELEX PLUG CU-10

END B
TELEX PLUG CU-10

CABL. EXT 2215 TELEX PLUG CU-10	Drawn MjM
	Date 7.6.83.
NORSK DATA A.S. Oslo, Norway	Appr
	Repl. amount for 325311

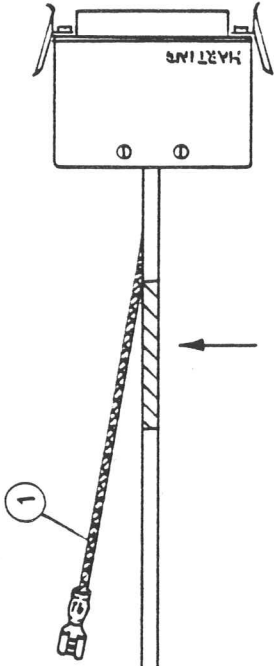
Corr. text	Date	Sign.

END A
2115



LABEL

3253 1 x x
2115 ND100 CU-LO



END B
ND 100 CU-LO

LABEL

3253 1 x x
2115 ND100 CU-LO

XX INDICATES LENGTH IN METERS.

ADHERE LABEL 1-2 DM FROM CONNECTORS.

CABLE TYPE: NEK . HK-S-K 2 PAIRS

CONNECTORS TYPE: END A 25 P

END B 25 P

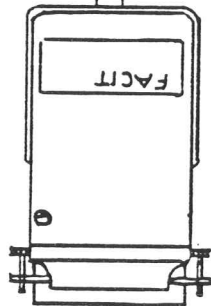
PRODUCTION TIPS:

- ① SHIELDED CABLE 15 CM

CABL. EXT.	Drawn	MjM
	Date	7.6.83
	Contr.	
2115	ND 100	CU-LO
NORSK DATA A.S		Replacement for
Oslo, Norway		325-12

Conf. d	Date	Sign

END A
FACIT 4420



↑
LABLE

325315 XX
FACIT 4420 N100 CULO

XX INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE NEK-S-K 2 PAIRS

CONNECTORS TYPE: END A ADAPTER

END B 25P

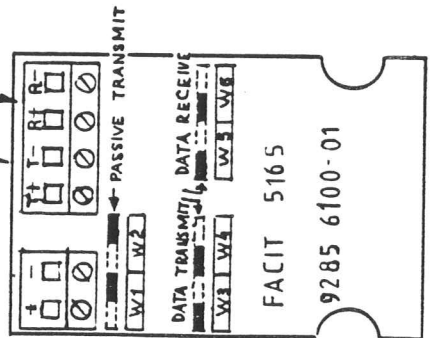
PRODUCTION TIPS

① SHIELD CABLE 15CM

12V FROM OUTSIDE FOR ACTIVE TRANSMIT

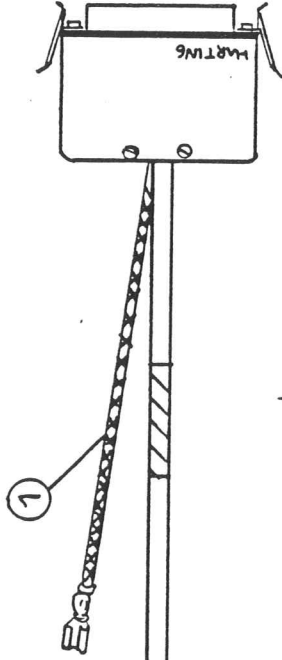
TRANSMIT SIDE

RECEIVE SIDE



IN ADAPTER, JUMPER
W1-W2-W3-W4-W5
AND W6 MUST BE
LINKED AS SHOWN.

END B
N100 CU, LO.



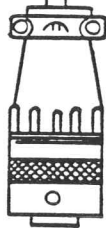
↑
LABLE

325315 XX
FACIT 4420 N100 CULO

CABL. EXT		Drawn MA
FACIT 4420 N100 CU.LO.		Date 6.4.83
		Appr
NORSK DATA A.S Oslo, Norway		Registration for
		325315

Corrected	Date	Sign.

END A
TERM. BUFF.



END B
N 10 8-8P CL



LABLE

325322 XX
TERM. BUFF. N10 8-8PCL

XX INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE: NEK-S-K 2 PAIRS

CONNECTORS TYPE: END A 8 PIN BURNDY

END B 8 PIN BURNDY

PRODUCTION TIPS :



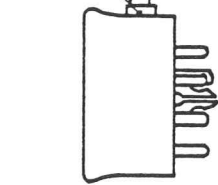
LABLE

325322 XX
TERM. BUFF. N10 8-8PCL

CABL. EXT		Drawn	MJM
TERM. BUFF. N 10 8-8 P CL		Date	22.6.93.
		Appr.	
NORSK DATA A.S		Replacement for	
Oslo, Norway		32532	

Correct	Date	Sign

END A
N 10 TELE



END B
8 P CL



LABLE

325323 XX
N 10 TELE 8 P CL



LABLE

325323 XX
N 10 TELE 8 P CL

XX INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE: NEK-S-K 2 PAIRS

CONNECTORS TYPE: END A TELEX

END B 8 PIN BURNDY

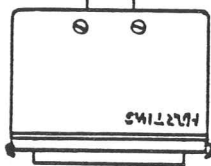
PRODUCTION TIPS:

①

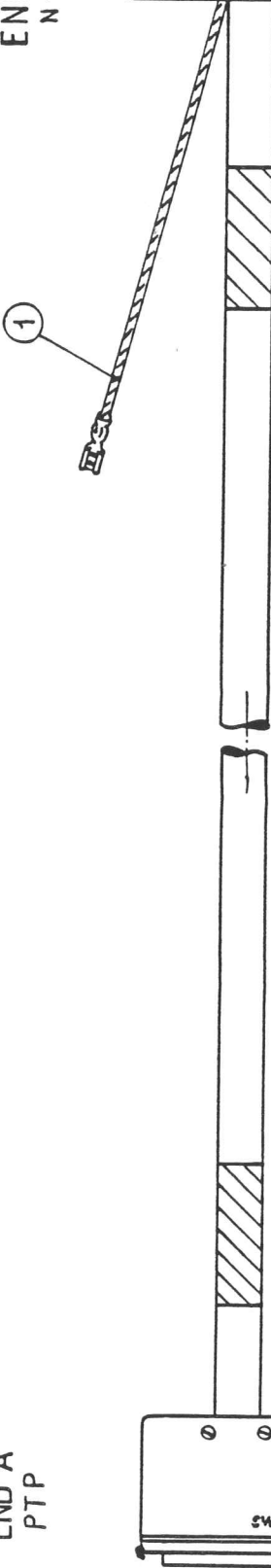
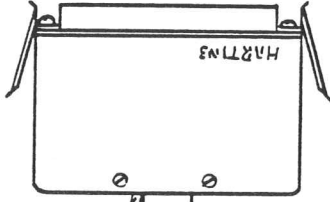
TINING

CABL. EXT		Drawn	MJM
N 10 TELE 8 PIN CL		Date	7.6.83.
		Appr.	
NORSK DATA A.S Oslo, Norway		Replacement for	
		325323	
Corrected	Date	Sign	

END A
PTP



END B
N 100



↑
LABEL

325330 XX
PTP N 100

XX INDICATES LENGTH IN METERS.

ADHERE LABEL 10-20CM FROM CONNECTORS.

CABLE TYPE: NEK HK-S-K 12 PAIRS

CONNECTORS TYPE: END A 25P

END B 37P

PRODUCTION TIPS :

① SHIELDED CABLE 15 CM

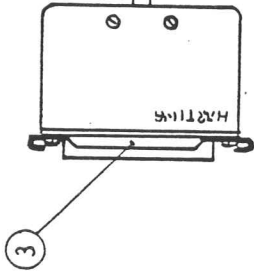
↑
LABEL

325330 XX
PTP N 100

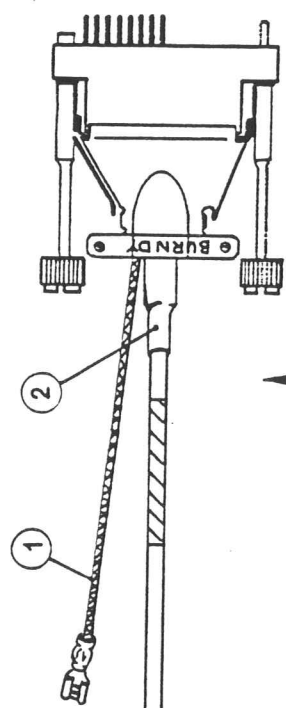
CABL. EXT PTP - N 100	Drawn MJH
	Date 23.3.83.
NORSK DATA A.S Oslo, Norway	Appr.
	Replacement for 325330

Connected	Date	Sign

END A
PTP



③



END B
ND 10

①

②

↑
LABLE

325331 xx

ND 10

PTP

xx INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNÉCTORS.

CABLE TYPE: NEK. HK-S-K 12 PAIRS.

CONNECTORS TYPE: END A 25 P

END B 42 P BURNDY

PRODUCTION TIPS:

- ① SHIELDED CABLE 15 CM
- ② TINING
- ③ CLIP CANON

↑
LABLE

325331 xx

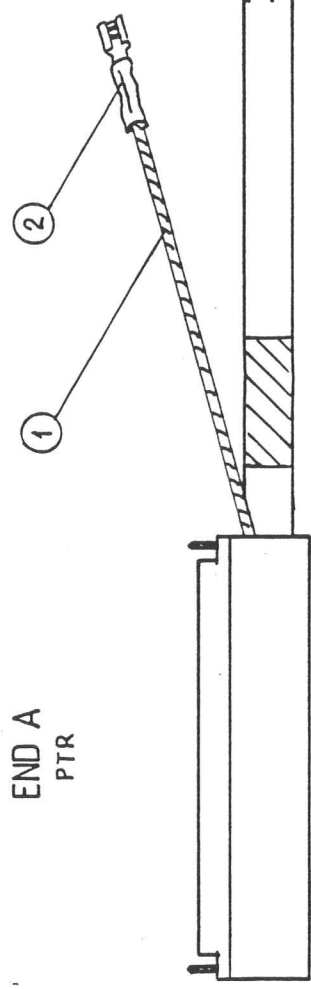
ND 10

PTP

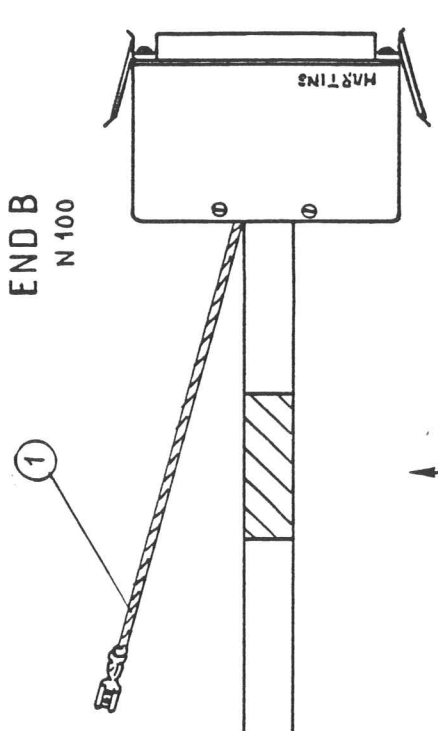
CABL.EXT PTP - ND 10	Drawn	MJM
	Date	8.6.83
Replacement for		Appr
NORSK DATA A.S Oslo, Norway		325331

Corrected	Date	Sign

END A
PTR



END B
N 100



↑
LABLE

325332 XX
PTR N 100

XX INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE: NEK HK-S-K 12 PAIRS

CONNECTORS TYPE: END A CONN. DIGITRONICS

END B 37P

PRODUCTION TIPS :

- ① SHIELDED CABLE 15CM
- ② SHR. SLEEVE 1/4"

↑
LABLE

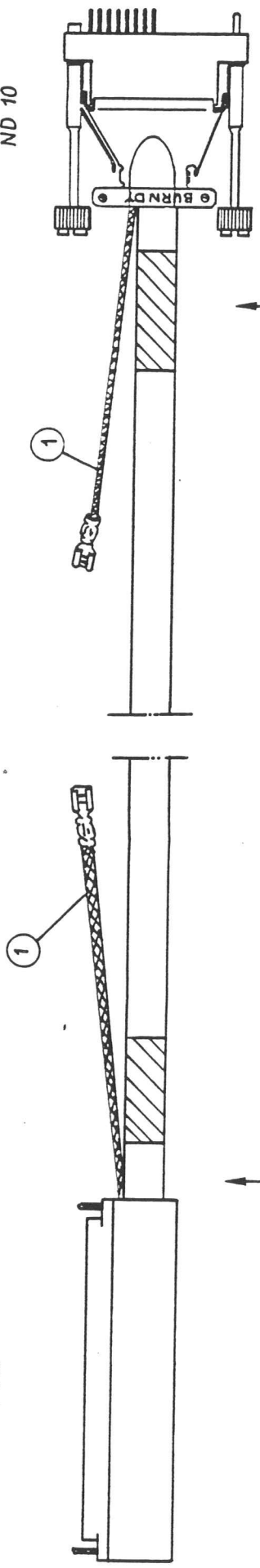
325332 XX
PTR N 100

CABL. EXT PTR - N 100	Drawn M/M
	Date 23.3.83. Appr.
Replacement for	
NORSK DATA A.S Oslo, Norway	
325-32	

Corrected	Date	Sign

END A
PTR

END B
ND 10



↑
LABLE

325333 XX
PTR ND 10

XX INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE: NEK. HK-S-K 12 PAIRS.

CONNECTORS TYPE: END A CONN. DIGITRONICS

END B 42 P BURNDY

PRODUCTION TIPS :

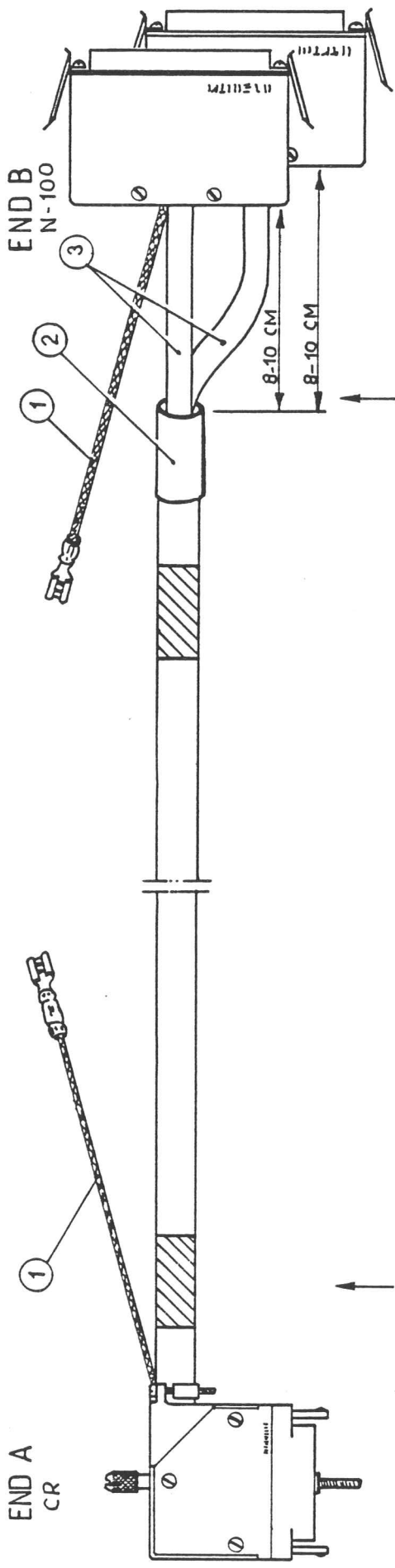
① SHIELDED CABLE 15 CM

↑
LABLE

325333 XX
PTR ND 10

CABL. EXT PTR - ND 10	Drawn	MJM
	Date	9.6.83
NORSK DATA A.S. Oslo, Norway	Appr	
	Replacement for	325333

Corrected	Date	Sign



XX INDICATES LENGTH IN METERS.

ADHERE LABEL 10-20CM FROM CONNECTORS.

CABLE TYPE: NEK-HK-SK 21 PAIRS

CONNECTORS TYPE: END A ELCO 38 P

END B 37 P

PRODUCTION TIPS :

- ① SHIELED CABLE 15 CM
- ② 1/2" SHR. SLEEVE
- ③ 8MM PVC

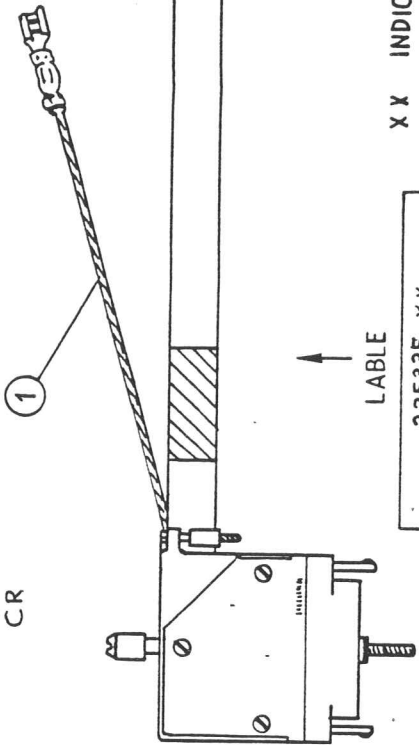
325334 XX
CR N-100

325334 XX
CR N-100

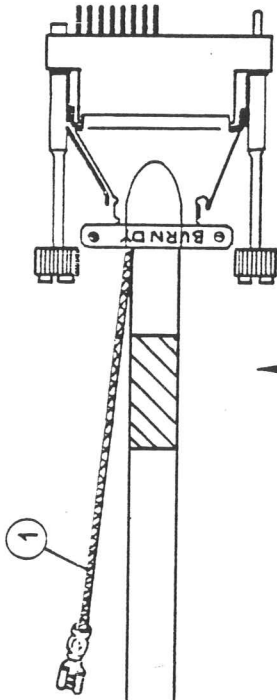
CABL. EXT CR N-100	Drawn Mjm
	Date 9.6.83.
Replacement for	
NORSK DATA A.S Oslo, Norway	325334

Corr. red	Date	Sign

END A
CR



END B
ND 10



XX INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE NEK. HK-S-K 12 PAIRS.

CONNECTORS TYPE: END A ELCO 38 P

END B 42 P BURNDY

PRODUCTION TIPS:

① SHIELDED CABLE 15 CM

LABLE

325335 XX

CR ND 10

LABLE

325335 XX

CR ND 10

Drawn MJM

Date 9.6.83

Appr

CABL.EXT

CR - ND 10

Replacement for

NORSK DATA A.S
Oslo, Norway

325335

Corrected

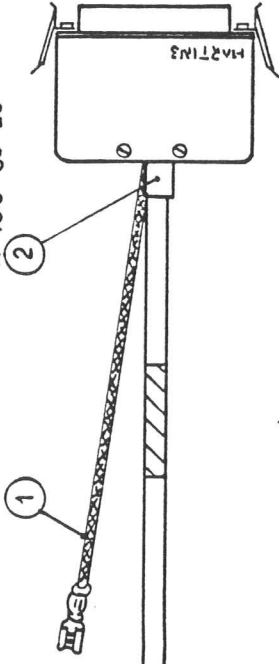
Date

Sign

END A
T-340



END B
N-100 CU-LO



↑
LABLE

325336 XX
T-340 N-100 CU-LO

XX INDICATES LENGTH IN METERS.
(STANDARD 0.4, 0.6, 10,)

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE: NEK HK - S-K 2 PAIRS

CONNECTORS TYPE: END A 8 PIN BURNDY

END B 37 P

PRODUCTION TIPS :

- ① SHEILD CABLE 15 CM
- ② TINING

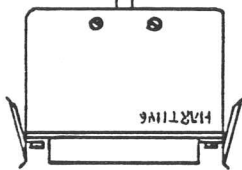
↑
LABLE

325336 XX
T-340 N-100 CU-LO

CABL. EXT		Drawn M/M
T-340	N 100 CU-LO	Date 10.6.83.
NORSK DATA A.S		Appr.
Oslo, Norway		Replacement for
		32536

Coil no.	Date	Sign

END A
T-340



↑
LABLE

325337 XX
T-340 KM-1D RS 232

XX INDICATES LENGTH IN METERS.
(STANDARD 04, 06, 10,)

ADHERE LABLE 10-20CM FROM CONNECTORS.

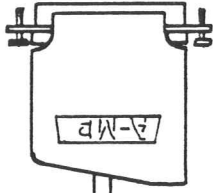
CABLE TYPE: NEK. HK-S-K 4 PAIRS

CONNECTORS TYPE: END A 25 P

END B 25 P

PRODUCTION TIPS :

END B
KM-1D RS 232



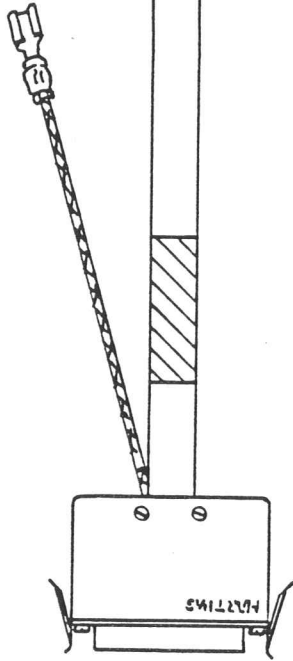
↑
LABLE

325337 XX
T-340 KM-1D RS 232

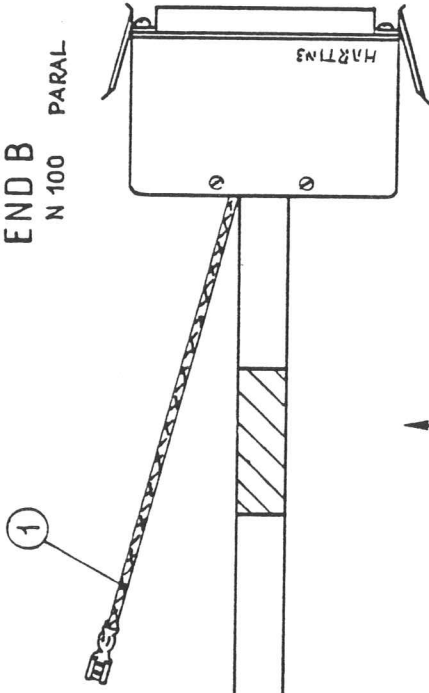
CABL. EXT T-340 KM-1D RS 232	Drawn	MJM
	Date	18.3.83.
	Appr.	
Replacement for		325337
NORSK DATA A.S Oslo, Norway		

Corrected	Date	Sign.

END A
T-340



END B
N 100 PARAL



LABLE

325338	XX
T-340	N 100 PARAL

XX INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE NEK HK-S-K 12 PAIRS

CONNECTORS TYPE: END A 25P

END B 37P

PRODUCTION TIPS:

① SHIELDED CABLE 15 CM

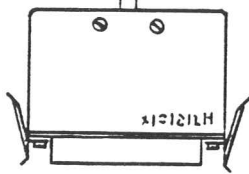
LABLE

325338	XX
T-340	N 100 PARAL

CABL. EXT T-340 - N 100 PARAL	Drawn M/JH
	Date 10.6.83.
NORSK DATA A.S Oslo, Norway	Appr
	Replacement for 325-38

Connected	Date	Sign

END A
T-340



LABEL

325339 x x
T-340 ND100 RS232

XX INDICATES LENGTH IN METERS.

ADHERE LABEL 1-2 DM FROM CONNECTORS.

CABLE TYPE: NEK . HK-S-K 2 PAIRS

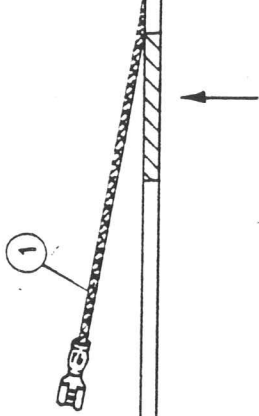
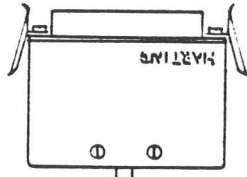
CONNECTORS TYPE: END A 25 P

END B 25 P

PRODUCTION TIPS:

① SHIELDED CABLE 15 CM

END B
ND 100 RS232



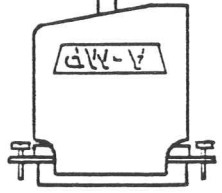
LABEL

325339 x x
T-340 ND100 RS232

CABL. EXT.	Drawn	MJM
	Date	10.6.83
T-340 - ND 100 RS 232	Contr.	
	Replacement for	
NORSK DATA A.S Oslo, Norway		325339

Corrected	Date	Sign

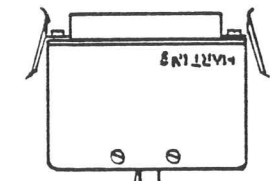
END A
1640 / 1650



LABLE

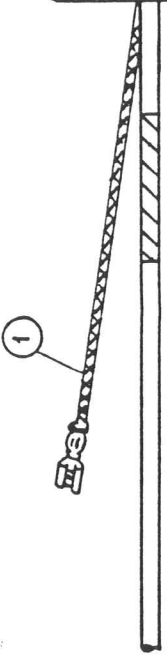
325340 XX
1640/1650 ND100 RS 232

END B
ND 100 RS 232



LABLE

325340 XX
1640/1650 ND100 RS232



XX INDICATES LENGH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE :

CONNECTORS TYPE : END A 25 S

END B 25 P

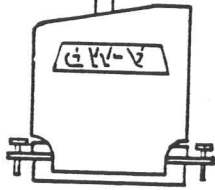
PRODUCTION TIPS : NEK. HK-S-K 4 PAIRS

① SHIELED CABLE 15 CM

CABL. EXT 1640/1650 - ND 100 RS 232	Drawn MjH
	Date 13.6.83.
NORSK DATA A.S Oslo, Norway	Appr.
	Replacement for 325340

Corr...	Date	Sign

END A
ASYNC MOD



↑
LABLE

325342 xx

ASYNC MOD N-10 ND 702

XX INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE: NEK. HK-S-K 12 PAIRS.

CONNECTORS TYPE: END A 25 P

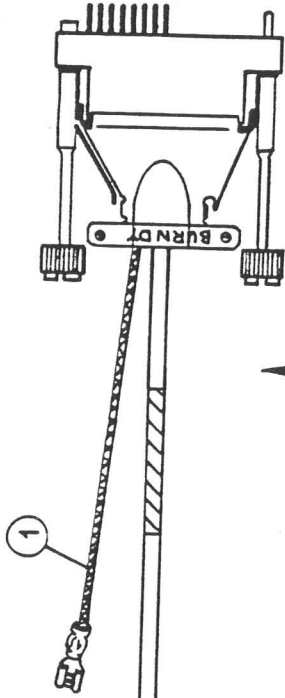
END B 42 P BURNDY

PRODUCTION TIPS:

① SHIELDED CABLE 15 CM

END B

ND 10 ND 702



↑
LABLE

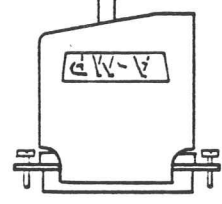
325342 xx

ASYNC MOD N10 ND 702

CABL. EXT.		Drawn	MJM
ASYNC MOD - ND 10 ND 702		Date	21.6.83
		Appr.	
NORSK DATA A.S. Oslo, Norway		Replacement for	
		325342	

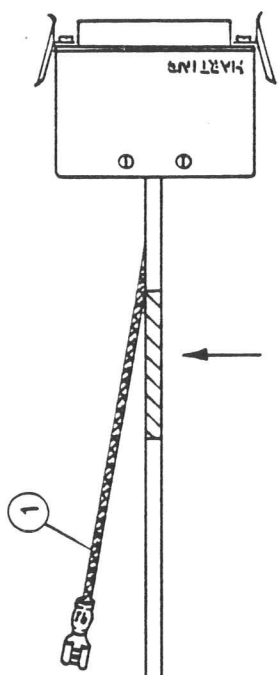
Corrected	Date	Sign

END A
ASYNC MOD



LABEL

325343 x x
ASYNC MOD ND100



END B
ND 100

LABEL

325343 x x
ASYNC MOD ND 100

XX INDICATES LENGTH IN METERS.

ADHERE LABEL 1-2 DM FROM CONNECTORS.

CABLE TYPE: NEK . HK-S-K 4 PAIRS

CONNECTORS TYPE: END A 25 P

END B 25 P

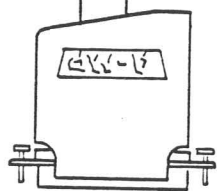
PRODUCTION TIPS:

① SHIELDED CABLE 15 CM

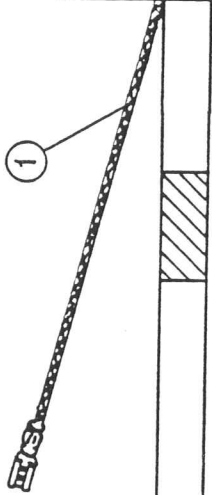
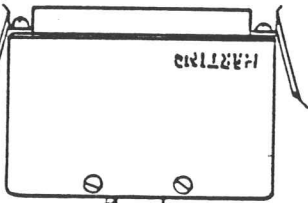
CABL. EXT.	Drawn	MJM
	Date	21.6.83
	Contr.	
ASYNC MOD	N 100	
NORSK DATA A.S. Oslo, Norway		Replacement for 325-13

Corr. no.	Date	Sign.

END A
SYNC. MOD



END B
N-100



↑
LABEL

325344 XX
SYNC. MOD N 100

↑
LABEL

325344 XX
SYNC. MOD N-100

XX INDICATES LENGTH IN METERS.

ADHERE LABEL 10-20CM FROM CONNECTORS.

CABLE TYPE: NEK. HK-S-K 12 PAIRS

CONNECTORS TYPE: END A 25 P

END B 37 P

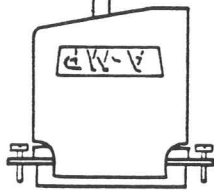
PRODUCTION TIPS:

① SHIELDED CABLE 15 CM

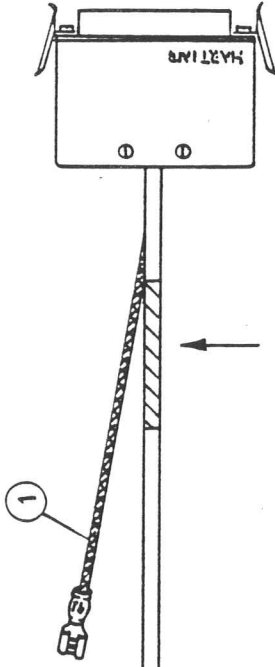
CABL. EXT	Drawn	MJM
	Date	22.6.82.
SYNC. MOD. N 100	Appr	
	Replacement for	325344

Corrected	Date	Sign

END A
KM-1D



END B
ND 100 LOCAL



①

LABEL

325345 x x
KM-1D N-100 LOCAL

XX INDICATES LENGTH IN METERS.

ADHERE LABEL 1-2 DM FROM CONNECTORS.

CABLE TYPE: NEK . HK-S-K 4 PAIRS

CONNECTORS TYPE: END A 25 P

END B 25 P

PRODUCTION TIPS:

① SHIELDED CABLE 15 CM

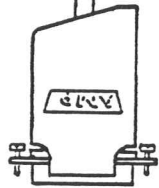
LABEL

325345 x x
KM-1D N100 LOCAL

CABL. EXT.	Drawn	MJM
	Date	22.6.83
KM-1D ND 100 LOCAL	Contr.	
	Replacement for	
NORSK DATA A.S Oslo, Norway		325345

Corrected	Date	Sign.

END A
X-21



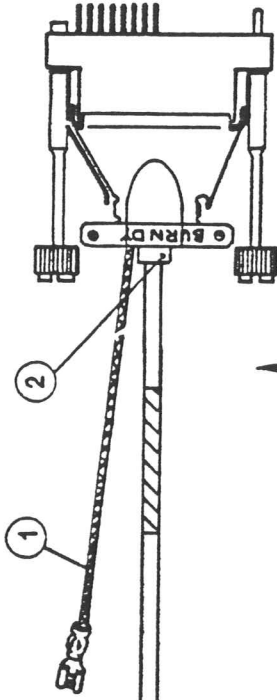
LABLE

325348 xx

X-21 N 10 HDLC

END B

ND 10 HDLC



LABLE

325348 xx

X-21 N 10 HDLC

XX INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE: NEK. HK-S-K 6 PAIRS.

CONNECTORS TYPE: END A 15 P

END B 42 P BURNDY

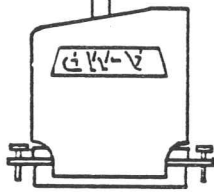
PRODUCTION TIPS :

- ① SHIELDED CABLE 15 CM
- ② TINNING

CABL. EXT	Drawn	MJM
	Date	22.6.83
X-21	N10 HDLC	Appr.
Replacement for		
NORSK DATA A.S		325348
Oslo, Norway		

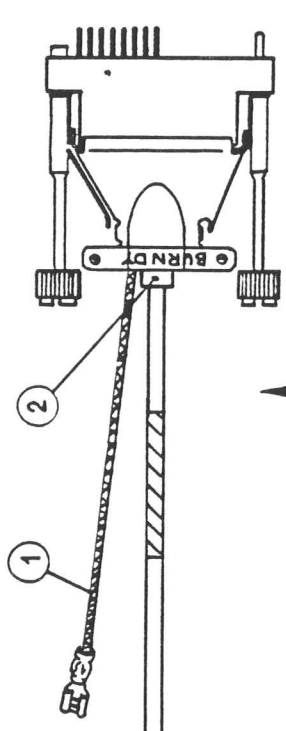
Corrected	Date	Sign.

END A
KM-1D



LABLE

325349 XX
KM-1D N10 ND 711



END B
ND 10 ND 711

XX INDICATES LENGTH IN METERS.

LABLE

325349 XX
KM-1D N-10 ND 711

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE: NEK. HK-S-K 4 PAIRS.

CONNECTORS TYPE: END A 25 P

END B 42 P BURNDY

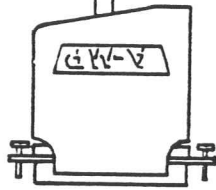
PRODUCTION TIPS :

- ① SHIELDED CABLE 15 CM
- ② TINING

CABL. EXT KM-1D - ND 10 ND 711	Drawn	MJM
	Date	22.6.83
Replacement for		Appr.
NORSK DATA A.S Oslo, Norway		325349

Corr. ved	Date	Sign

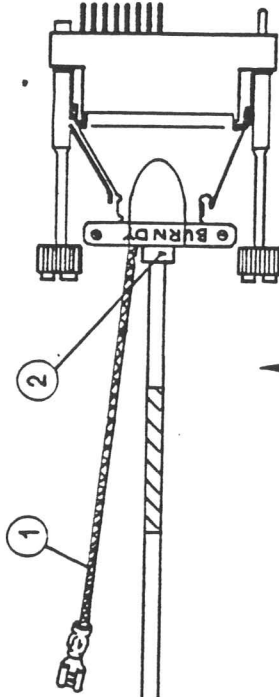
END A
KM-1D



↑
LABLE

325350 xx
KM-1D N10 ND 253

END B
ND 10 ND 253



↑
LABLE

325350 xx
KM-1D N 10 ND 253

xx INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE: NEK. HK-S-K 4 PAIRS.

CONNECTORS TYPE: END A 25 P

END B 42 P BURNDY

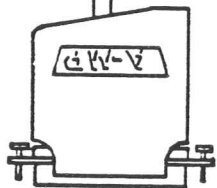
PRODUCTION TIPS :

- ① SHIELDED CABLE 15 CM
- ② TINING

CABL. EXT KM-1D N 10 ND 253	Drawn	MJM
	Date	22.6.83
NORSK DATA A.S Oslo, Norway	Appr	
	Replacement for	
325350		

Corrected	Date	Sign

END A
SYNC. MOD



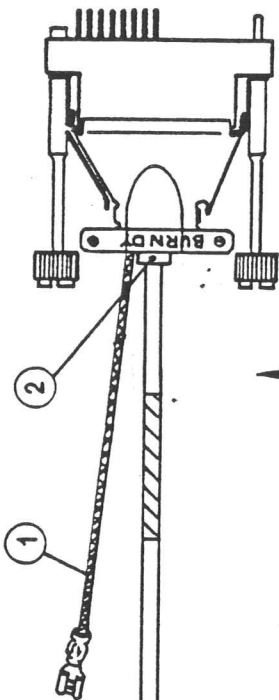
↑
LABEL

325351 XX

SYNC. MOD N10 ND 701

END B

ND 10 ND 701



XX INDICATES LENGTH IN METERS.

ADHERE LABEL 10-20CM FROM CONNECTORS.

CABLE TYPE: NEK. HK-S-K 12 PAIRS.

CONNECTORS TYPE: END A 25 P

END B 42 P BURNDY

PRODUCTION TIPS:

- ① SHIELDED CABLE 15 CM
- ② TINING

↑
LABEL

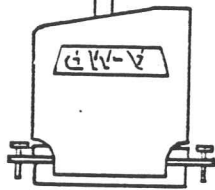
325351 XX

SYNC. MOD. N 10 ND 701

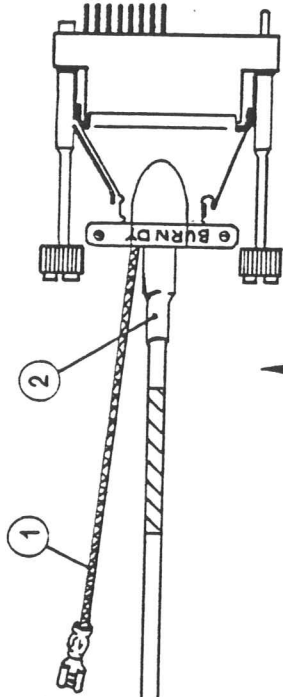
CABL. EXT SYNC. MOD N 10 ND 701	Drawn	MJM
	Date	22.6.83
Replacement for		Appr.
NORSK DATA A.S Oslo, Norway		325351

Corr. ad	Date	Sign

END A
MODEM



END B
ND 10 HDLC



①
②

↑
LABEL

325352 XX
MODEM N-10 HDLC

XX INDICATES LENGTH IN METERS.

ADHERE LABEL 10-20CM FROM CONNECTORS.

CABLE TYPE: NEK. HK-S-K 12 PAIRS.

CONNECTORS TYPE: END A 25 P

END B 42 P BURNDY

PRODUCTION TIPS:

- ① SHIELDED CABLE 15 CM
- ② SHR. SLEEVE 1/2"

↑
LABEL

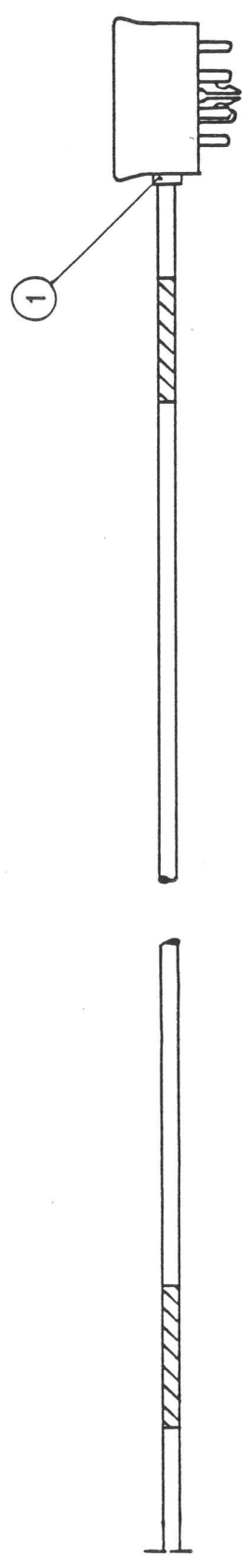
325352 XX
MODEM N-10 HDLC

CABL. EXT		Drawn MJM
MODEM ND 10 HDLC		Date 20.5.83
		Appr
NORSK DATA A.S Oslo, Norway		Replacement for
		325352

Corrected	Date	Sign

END A
KM-1D

END B
TELEX PLUG -00-L0



↑
LABLE

↑
LABLE

325353 XX
KM-1D TELEX PLUG-0

325353 XX
KM-1D TELEX PLUG-0

XX INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM. FROM CONNECTORS.

CABLE TYPE: NEK HK-S-K 2 PAIRS

CONNECTORS TYPE: END A OPEN

END B TELEX

PRODUCTION TIPS:

① TINGING

CABL. EXT KM-1D TELEX PLUG-0	Drawn MJM
	Date 23.6.83. Appr
Replacement for	
NORSK DATA A.S. Oslo, Norway	325-53

Correc...d	Date	Sign

END A
KM-1D

END B
8 PINS PLUG-0



↑
LABLE

325354 XX
KM-1D 8PINS PLUG-0

XX INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE NEK-S-K 2 PAIRS

CONNECTORS TYPE: END A OPEN

END B 8 PIN BURNDY

PRODUCTION TIPS

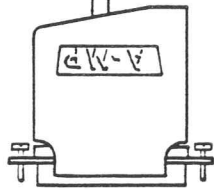
↑
LABLE

325354 XX
KM-1D 8PINS PLUG-0

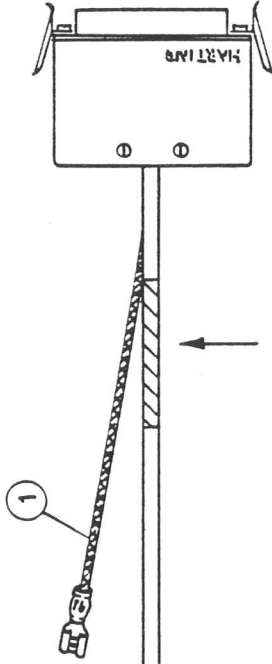
CABL. EXT	Drawn Mjm
KM-1D 8 - PINS PLUG - 0	Date 23.6.93.
	Appr
Replacement for	
NORSK DATA A.S. Oslo, Norway	325354

Corrected	Date	Sign

END A
EPSON - 80



END B
ND 100



LABEL

325355 x x
EPSON-80 N-100

XX INDICATES LENGTH IN METERS.

ADHERE LABEL 1-2 DM FROM CONNECTORS.

CABLE TYPE: NEK . HK-S-K 4 PAIRS

CONNECTORS TYPE: END A 25 P

END B 25 P

PRODUCTION TIPS:

① SHIELDED CABLE 15 CM

LABEL

325355 x x
EPSON-80 N-100

CABL. EXT.	Drawn	MJM
	Date	23.6.83
	Contr.	
EPSON - 80	N 100	
NORSK DATA A.S. Oslo, Norway		Replacement for 325_55

Connected	Date	Sign

END A
EPSON-80



↑
LABLE

325356 XX
EPSON-80 TDV 2215

END B
TDV 2215



↑
LABLE

325356 XX
EPSON-80 TDV 2215

XX INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE: NEK. HK-S-K 4 PAIRS

CONNECTORS TYPE: END A 25 P

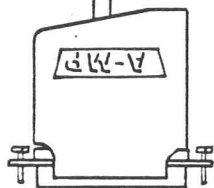
END B 25 S

PRODUCTION TIPS :

CABL. EXT EPSON - 80 TDV 2215	Drawn	M/M
	Date	23.6.83.
NORSK DATA A.S Oslo, Norway	Appr.	
	Replacement for	325356

Corrected	Date	Sign.

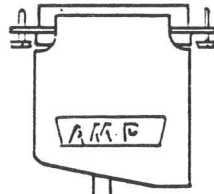
END A
EPSON-80



↑
LABLE

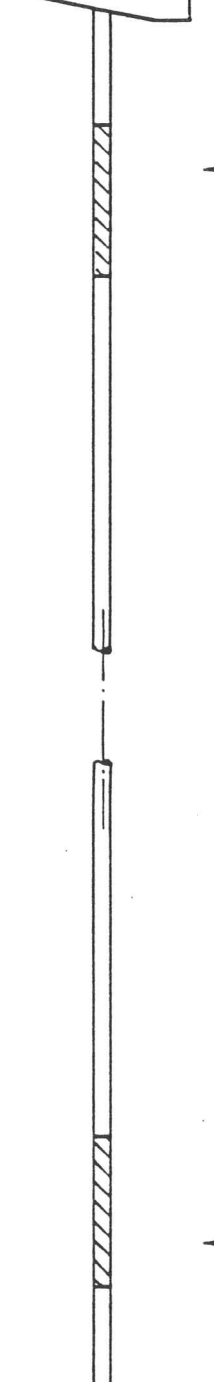
325357 XX
EPSON-80 KM-1D

END B
KM-1D



↑
LABLE

325357 XX
EPSON-80 KM-1D



XX INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE: NEK. HK-S-K 4 PAIRS

CONNECTORS TYPE: END A 25 P

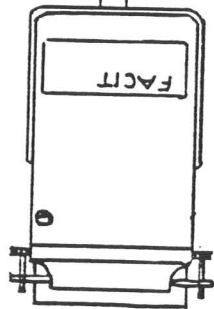
END B 25 P

PRODUCTION TIPS :

CABL. EXT EPSON -80 KM - 1D	Drawn <i>MJM</i>
	Date 23.6.83.
NORSK DATA A.S Oslo, Norway	Appr
	Replacement for
325357	

Corr	Date	Sign

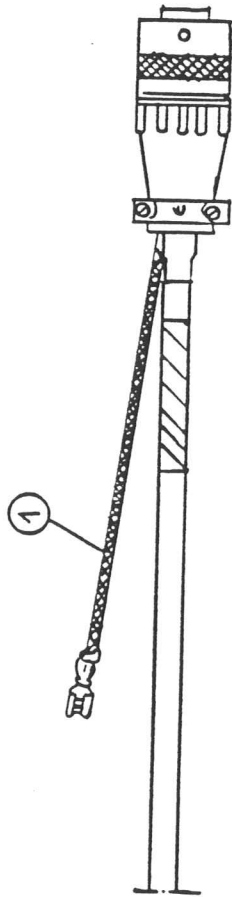
END A
FACIT



↑
LABLE

325359 XX
FACIT N10 8PIN CU.LO.

END B
N10 8P CU.LO.



↑
LABLE

325359 XX
FACIT N10 8PIN CU.LO.

XX INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE: NEK-S-K 2 PAIRS

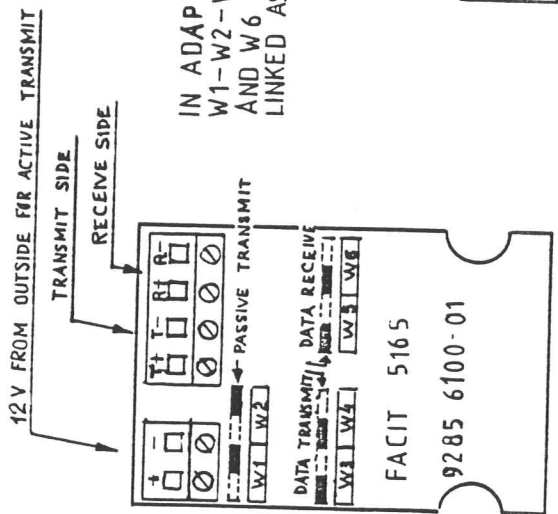
CONNECTORS TYPE: END A ADAPTER

END B 8 PIN BURNDY

PRODUCTION TIPS:

① SHIELDED CABLE 15 CM

IN ADAPTER, JUMPER
W1-W2-W3-W4-W5
AND W6 MUST BE
LINKED AS SHOWN.

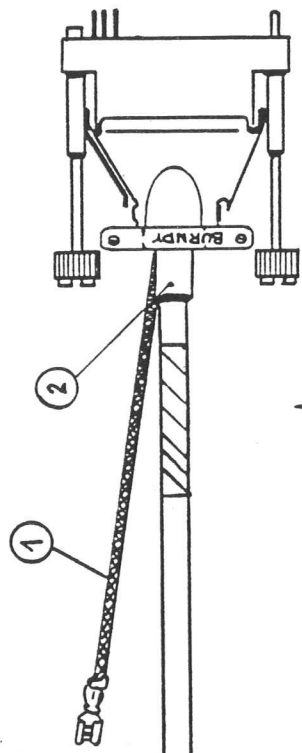


FACIT 516 5
9285 6100-01

CABL. EXT		Drawn MA
FACIT N10 8 PIN CU L O		Date 6. 4. 83
NORSK DATA A.S		Appr
Oslo, Norway		Replacement for
		325359

Corrected	Date	Sign

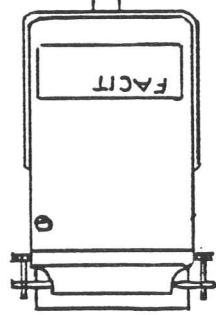
END B
42 PIN CU-LO



LABLE

325360 XX
FACIT N-10 42 PIN CU-LO

END A
FACIT N-10



LABLE

325360 XX
FACIT N-10 42 PIN CU-LO

XX INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE: NEK-S-K 2 PAIRS

CONNECTORS TYPE: END A ADAPTER

END B 42 PIN BURNDY

SHIELDED CABLE 15 CM

SHR. SLEEVE 1/2"

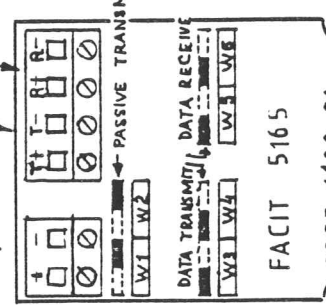
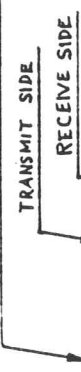
PRODUCTION TIPS

1

2

IN ADAPTER, JUMPER
W1-W2-W3-W4-W5
AND W6 MUST BE
LINKED AS SHOWN.

12V FROM OUTSIDE FOR ACTIVE TRANSMIT



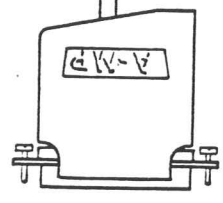
FACIT 5165

9285 6100-01

CABL. EXT	Drawn <i>MJM</i>
FACIT N-10 42 PIN CU-LO	Date 20.5.83
	Appr
NORSK DATA A.S Oslo, Norway	Replacement for
	325360

Corrected	Date	Sign
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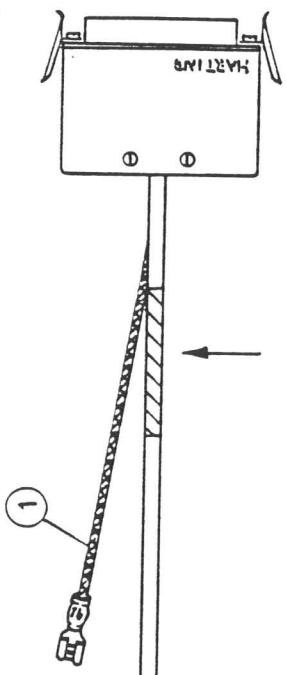
END A
TALLY 1612



LABEL

325367 x x
TALLY 1612 N 100

END B
N 100 RS 232



LABEL

325367 x x
TALLY 1612 N 100

XX INDICATES LENGTH IN METERS.

ADHERE LABEL 1-2 DM FROM CONNECTORS.

CABLE TYPE: NEK . HK-S-K 4 PAIRS

CONNECTORS TYPE: END A 25 P

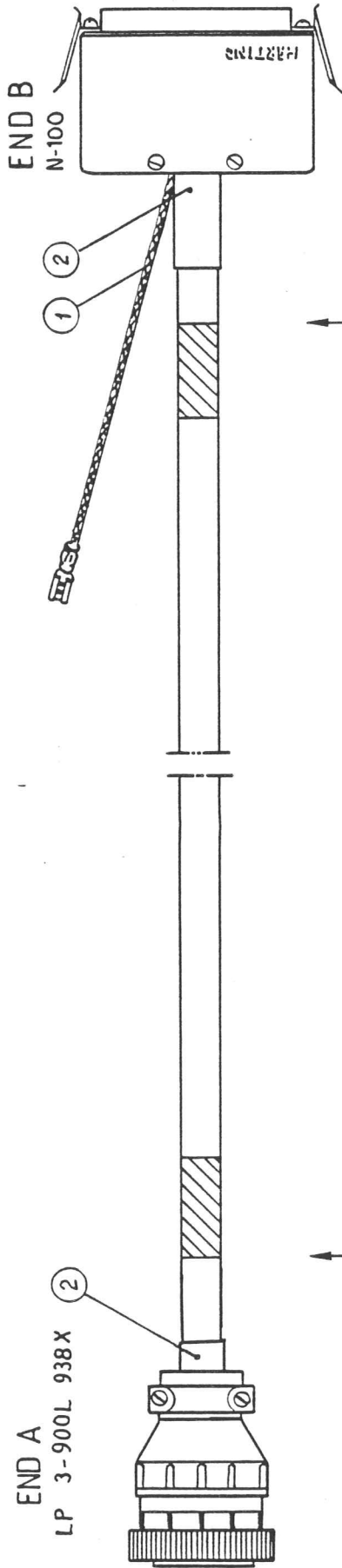
END B 25 P

PRODUCTION TIPS:

① SHIELDED CABLE 15 CM

CABL. EXT.	Drawn	MJM
	Date	24.6.83
	Contr.	
TALLY 1612 N 100 RS 232		Replacement for
NORSK DATA A.S Oslo, Norway		325367

Corrected	Date	Sign



LABLE
 325369 XX
 LP 3-900L 938X N100

LABLE
 325369 XX
 LP 3-900L 938X N100

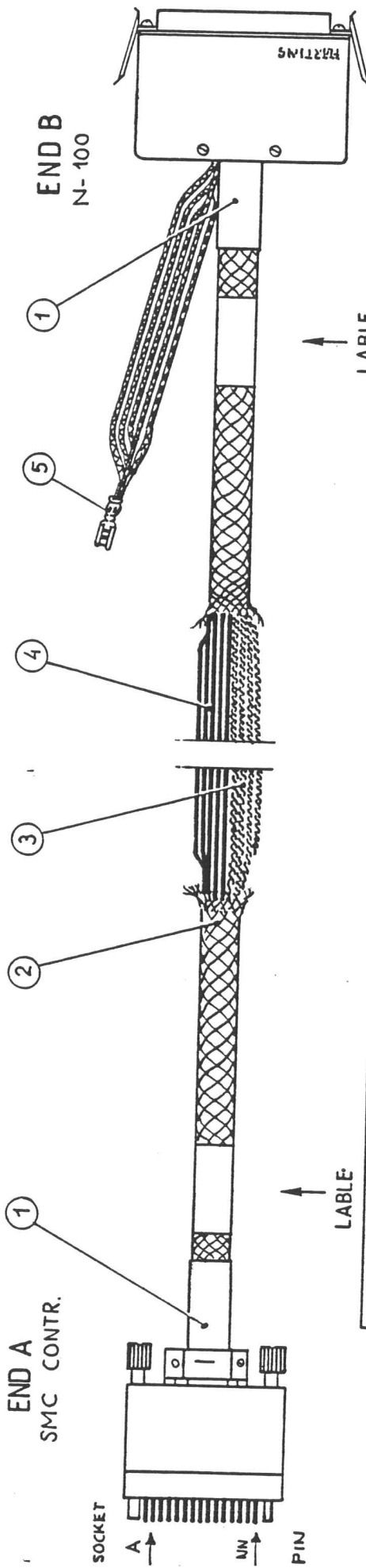
XX INDICATES LENGTH IN METERS.
 ADHERE LABLE 10-20CM FROM CONNECTORS.
 CABLE TYPE NEK HK S-K 21 PAIRS
 CONNECTORS TYPE END A 37 P AMP
 END B 37 P

PRODUCTION TIPS

- ① SHIELDED CABLE 15 CM
- ② TINUING

CABL. EXT		Drawn M/JM
LP 3-900L 938X N100		Date 27.6.83.
		Appr
NORSK DATA A.S Oslo Norway		Replacement for
		32539

Current	Date	Sign.



XX INDICATES LENGTH IN METERS.

ADHERE LABEL 10-20CM FROM CONNECTORS.

CABLE TYPE: PRODUCED BY ND.

CONNECTORS TYPE: END A AMP 200838-2

END B 37 P

PRODUCTION TIPS :

- ① SHR. SLEEVE 3/4
- ② CABLE JACK FLEXIBLE 16 MM
- ③ WIRE 2 0,14 YELLOW / BLACK
- ④ CABLE TWINAX WITH SHIELD
- ⑤ SHIELDED CABLE 10 CM

↑ LABEL
325370 XX
SMC CONTR. N-100

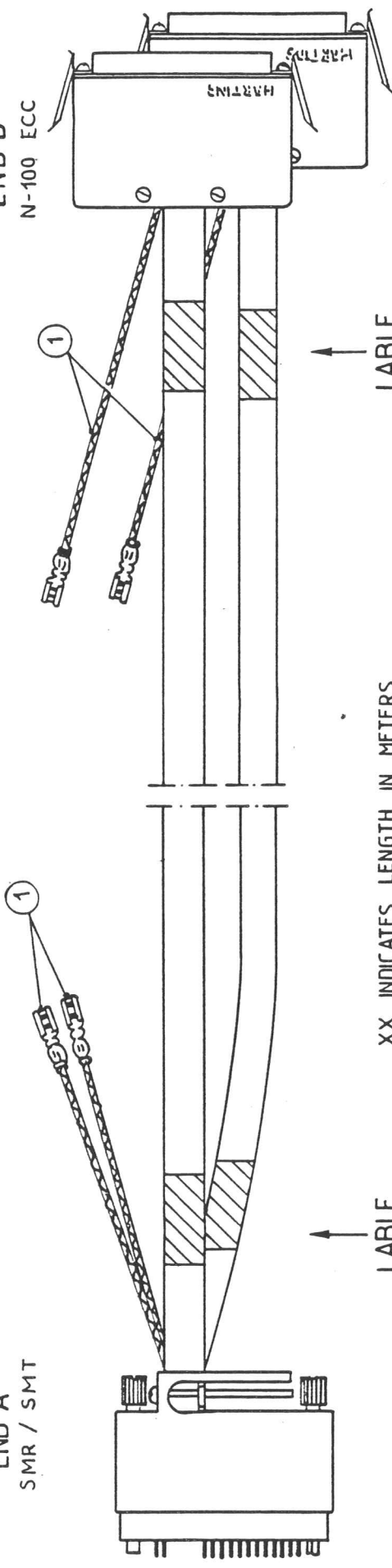
↑ LABEL
325370 XX
SMC CONTR. N-100

CABL. EXT SMC CONTR. N-100	Drawn	MJM
	Date	14.2.83.
	Appr.	
Replacement for		
NORSK DATA A.S Oslo, Norway		325370

Corrected	Date	Sign.

END A
SMR / SMT

END B
N-100 ECC



LABLE

LABLE

325 371 XX
SMR / SMT N-100 ECC

32371 XX
SMR / SMT N-100 ECC

XX INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE: NEK - HK S-K 21 PAIRS

CONNECTORS TYPE: END A 75 P

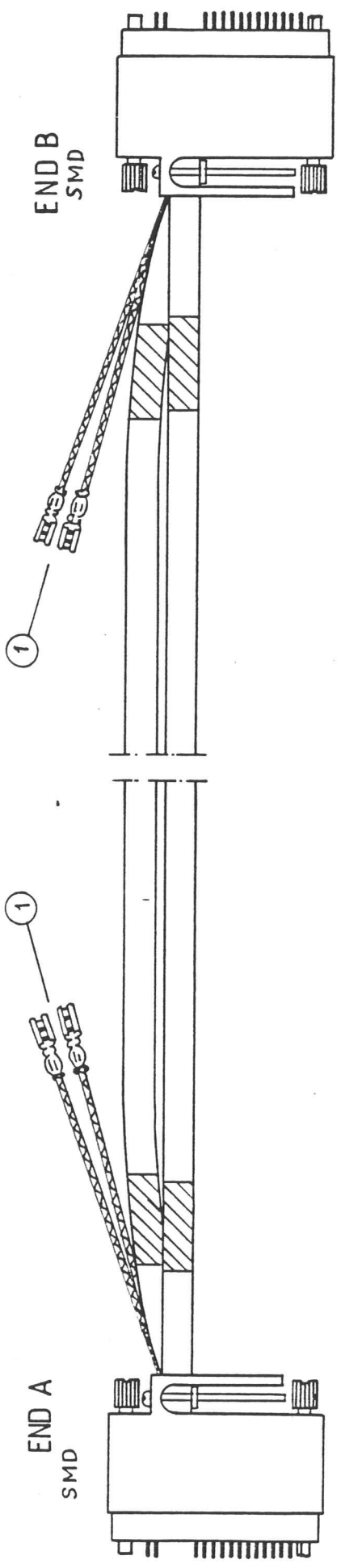
END B 37 P / 37 P

PRODUCTION TIPS :

① SHIELDED CABLE 15 CM

CABL. EXT SMR / SMT N-100 ECC	Drawn MJM
	Date 15.2.83.
NORSK DATA A.S Oslo, Norway	Appr.
	Replacement for 325-71

Confirmed	Date	Sign



↑
LABLE

325372 XX
SMD SMD

XX INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE :

CONNECTORS TYPE: END A 75A

END B 75A

PRODUCTION TIPS :

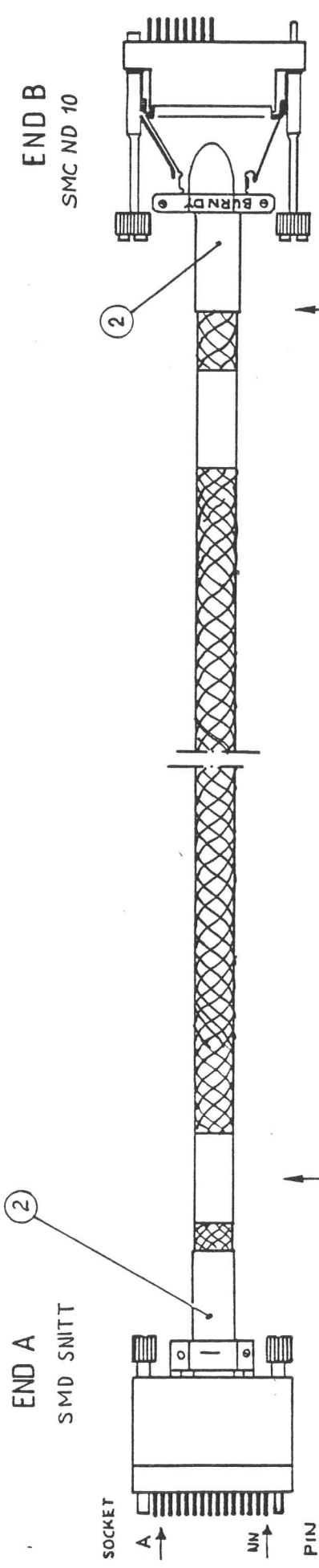
① SHIELDED CABLE 18 CM

↑
LABLE

325372 XX
SMD SMD

CABL. EXT SMD - SMD DISY CH.	Drawn M/M
	Date 14.2.83
Appr.	
Replacement for	
325372	

NORSK DATA A.S Oslo, Norway	
Corrected	Sign
Date	Date



XX INDICATES LENGTH IN METERS.

ADHERE LABEL 10-20CM FROM CONNECTORS.

CABLE TYPE: "SPACIAL MADE"

CONNECTORS TYPE: END A AMP 200838-2

END B 42 P BURNDY

PRODUCTION TIPS

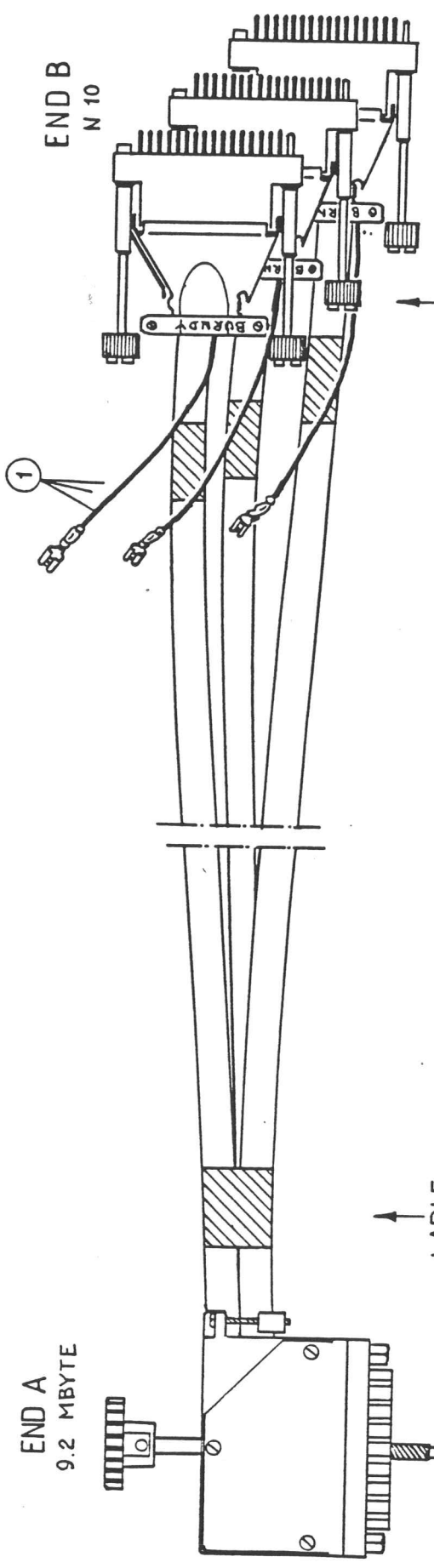
② SHR. SLEEVE 1/2"

325373 XX
SMD SNITT SMC N10

325373 XX
SMD SNITT SMC N10

CABL. EXT	Drawn	MJM
	Date	27.6.83
SMD SNITT SMC N 10	Appr.	
Replacement for		325.73
NORSK DATA A.S		
Oslo, Norway		

Corrected	Date	Sign



XX INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE: NEK HK-S-K 12 / 21 PAIRS

CONNECTORS TYPE: END A ELCO 90 S

END B 42P BURNDY

PRODUCTION TIPS :

① SHIELDED CABLE 15-20 CM

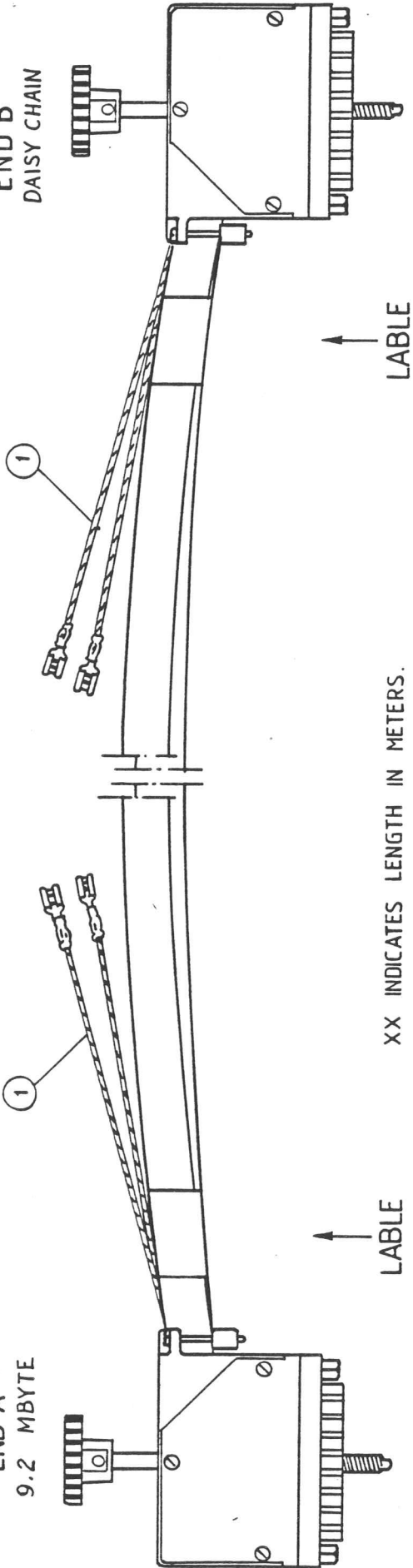
325374 XX
9.2 MBYTE N 10

325374 XX
9.2 MBYTE N 10

CABL. EXT 9.2 MBYTE N 10	Drawn	MJM
	Date	27.6.83.
NORSK DATA A.S Oslo, Norway	Appr	
	Replacement for	
325374		

Corrected	Date	Sign

END A
9.2 MBYTE



XX INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE: NEK HK-S-K 21 PAIRS

CONNECTORS TYPE: END A ELCO 90 S

END B ELCO 90 S

PRODUCTION TIPS :

① SHIELDED CABLE 15 CM

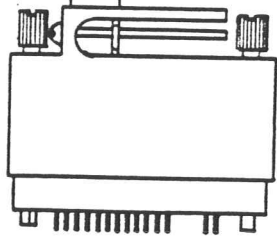
325375 XX
9.2 MBYTE DAISY CHAIN

325375 XX
9.2 MBYTE DAISY CHAIN

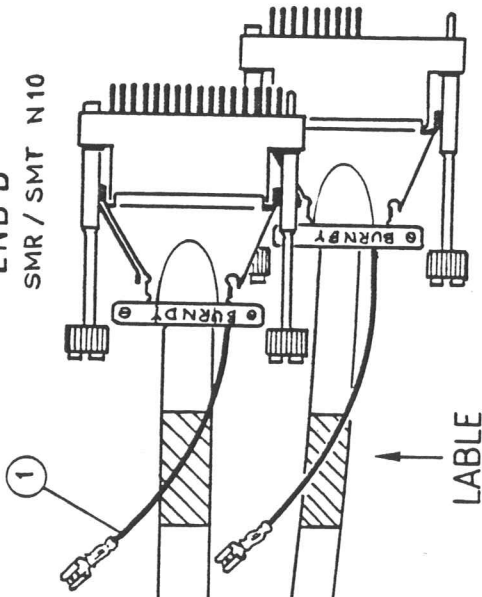
Drawn	MJM
Date	28.6.83.
Appr.	
CABL. EXT	
9.2 MBYTE DAISY CHAIN	
Replacement for	
325375	
NORSK DATA A.S	
Oslo, Norway	

Correc.	Date	Sign

END A
SMD SNIITT



END B
SMR / SMT N 10



↑
LABLE

325376 XX
SMD SNIITT SMR/SMT N10

XX INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE: NEK HK-S-K 12/21 PAIRS

CONNECTORS TYPE: END A 37 P

END B 42 P BURNDY

PRODUCTION TIPS :

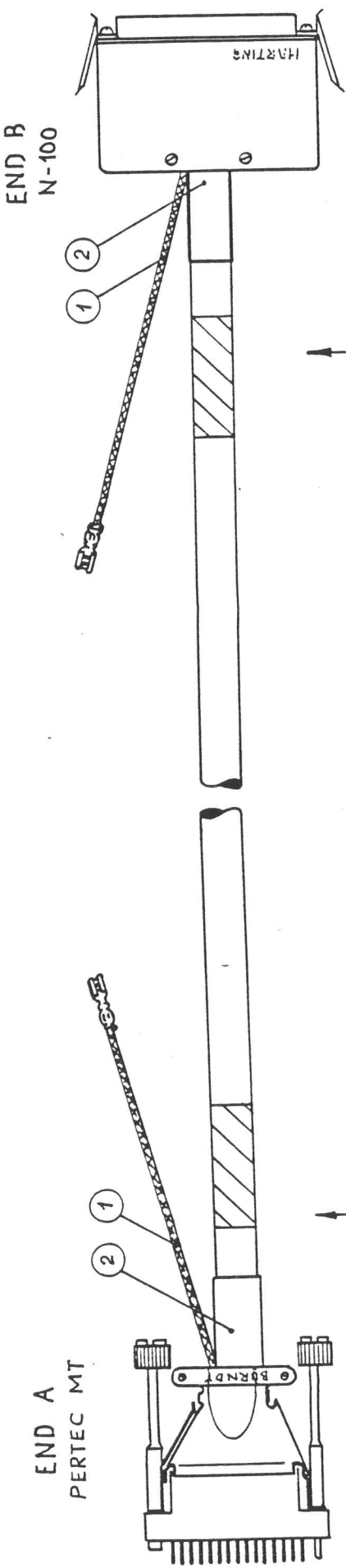
① SHIELDED CABLE 15 CM.

↑
LABLE

325376 XX
SMD SNIITT SMR/SMT N10

CABL. EXT		Drawn MJM
SMD SNIITT SMR / SMT N 10		Date 28.6.83.
Replacement for		Appr.
NORSK DATA A.S Oslo, Norway		325376

Corrected	Date	Sign



LABLE

325380 XX
PERTEC MT N-100

XX INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE

CONNECTORS TYPE: END A 42 P

END B 37 P

PRODUCTION TIPS

- ① SHIELDED CABLE 15 CM
- ② SHR. SLEEVE 3/4"

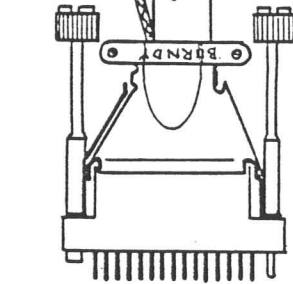
LABLE

325380 XX
PERTEC MT N-100

CABL. EXT PERTEC MT N-100	Drawn MJM
	Date 11.2.83.
Appr	
Replacement for	
NORSK DATA A.S Oslo, Norway	325-30

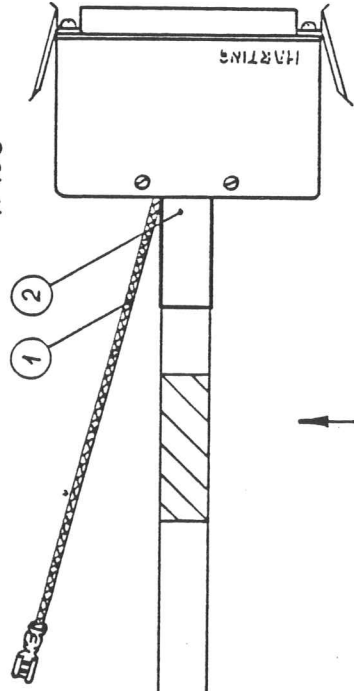
Corr.	Date	Sign

END A
PERTEC MT



①
②

END B
N 100



①
②

LABLE

325381 XX

PERTEC MT N-100

XX INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE:

CONNECTORS TYPE: END A 42 P

END B 37 P

PRODUCTION TIPS:

① SHIELDED CABLE 15 CM

② SHR. SLEEVE 3/4"

LABLE

325381 XX

PERTEC MT N-100

CABL. EXT

PERTEC MT N-100

Drawn MJM

Date 11.2.83.

Appr

Replacement for

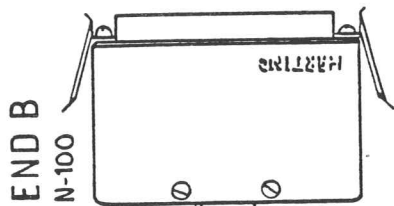
NORSK DATA A.S
Oslo, Norway

Corrected

Date

Sign

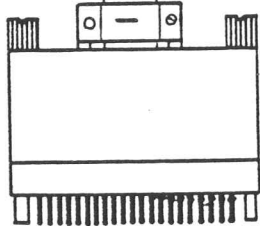
325381



END B
N-100

(1)
(2)

END A
CDC 900 L-P



(2)

↑
LABLE

325322 XX

CDC 900 L-P N-100

XX INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE: NEK HK-S-K 21 PAIRS

CONNECTORS TYPE: END A 50 P

END B 37 P

PRODUCTION TIPS :

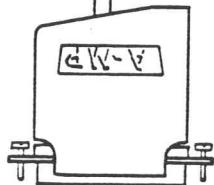
(1) SHIELDED CABLE 15 CM

(2) 1/2" SHR. SLEEVE

CABL. EXT CDC 900 L-P N 100	Drawn	MJM
	Date	11.2.83.
NORSK DATA A.S Oslo, Norway	Appr	
	Replacement for	325322

Corrected	Date	Sign

END A
S. MOD VDCE

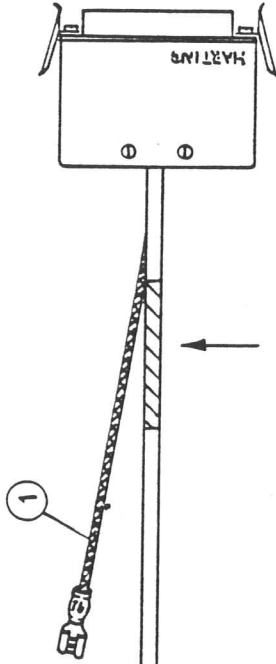


LABEL

325386 x x

S. MOD VDCE N100 PIOC

END B
N 100 PIOC



LABEL

325386 x x

S. MOD VDCE N100 PIOC

XX INDICATES LENGTH IN METERS.

ADHERE LABEL 1-2 DM FROM CONNECTORS.

CABLE TYPE: NEK . HK-S-K 12 PAIRS

CONNECTORS TYPE: END A 25 P

END B 25 P

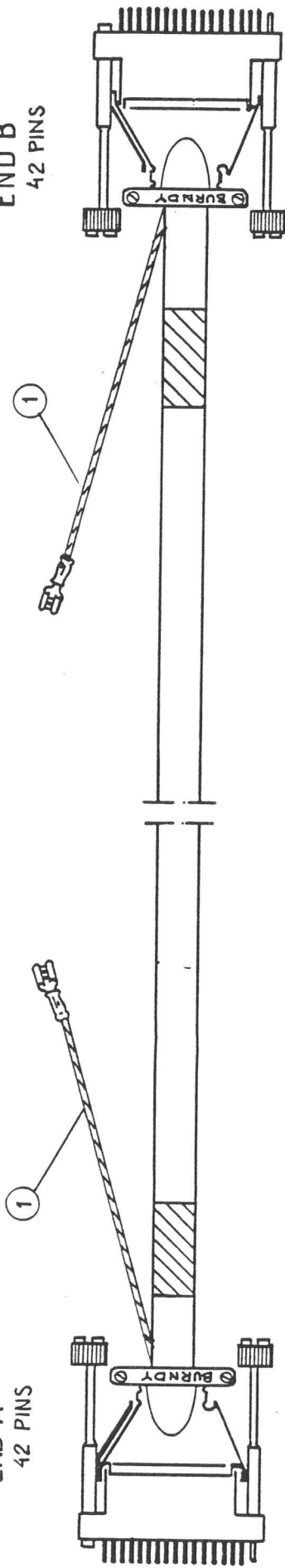
PRODUCTION TIPS:

① SHIELDED CABLE 15 CM

CABL. EXT. S. MOD. VDCE N100 PIOC	Drawn M/JM
	Date 22.6.83
	Contr.
NORSK DATA A.S. Oslo, Norway	Replacement for
	325386

Corrected	Date	Sign.

END A
42 PINS



LABLE

325393 XX
21 PAIR 1-1 42 PINS

XX INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE: NEK HK-S-K 21 PAIRS

CONNECTORS TYPE: END A 42 P BURNDY

END B 42 P BURNDY

PRODUCTION TIPS:

① SHIELDED CABLE 15 CM

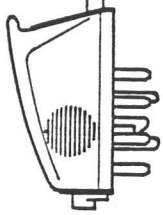
LABLE

325393 XX
21 PAIR 1-1 42 PINS

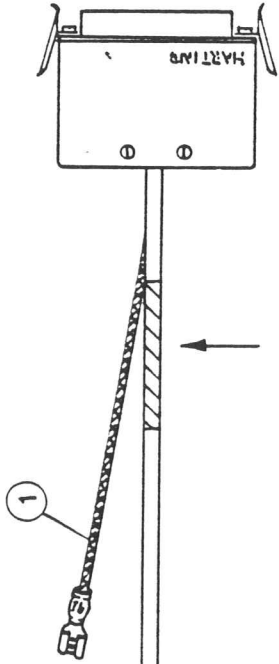
CABL. EXT 21 PAIR 1-1 42 PINS	Drawn M/JM
	Date 29. 6. 83.
	Appr.
NORSK DATA A.S. Oslo, Norway	Replacement for
	32533

Correc.	Date	Sign

END A
NTB 1-4 PLUG



END B
N 100



LABEL

325398 x x
NTB 1-4 PLUG N 100

LABEL

325398 x x
NTB 1-4 PLUG N 100

XX INDICATES LENGTH IN METERS.

ADHERE LABEL 1-2 DM FROM CONNECTORS.

CABLE TYPE: NEK . HK-S-K 4 PAIRS

CONNECTORS TYPE: END A NTB 1-4 PLUG

END B 25 P

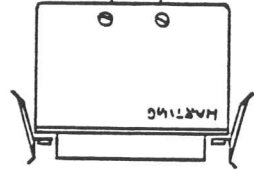
PRODUCTION TIPS:

① SHIELDED CABLE 15 CM

CABL. EXT.	Drawn	MJM
	Date	29.6.83
	Contr.	
NTB 1-4 PLUG N100		Replacement for
NORSK DATA A.S Oslo, Norway		325398

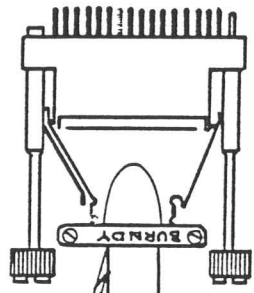
Corrected	Date	Sign

END A
HDLC N100



①

END B
HDLC N10S



①

↑
LABLE

325401 XX
HDLC N 100 N 10S

XX INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE NEK HK-S-K 12 PAIRS

CONNECTORS TYPE: END A 25 P

END B 42 P BURNDY

PRODUCTION TIPS:

① SHIELDED CABLE 15 CM

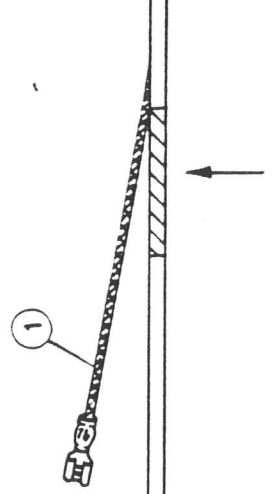
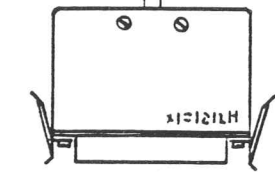
↑
LABLE

325401 XX
HDLC N 100 N 10S

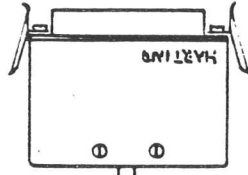
CABL. EXT HDLC N 100 N 10S	Drawn MJM
	Date 30. 6. 83.
NORSK DATA A.S Oslo, Norway	Appr
	Replacement for 325401

Corrected	Date	Sign

END A
HDLC N100



END B
HDLC N100



LABEL

325402 x x

HDLC N100 N100

LABEL

325402 x x

HDLC N100 N100

XX INDICATES LENGTH IN METERS.

ADHERE LABEL 1-2 DM FROM CONNECTORS.

CABLE TYPE: NEK . HK-S-K 12 PAIRS

CONNECTORS TYPE: END A - 25 P

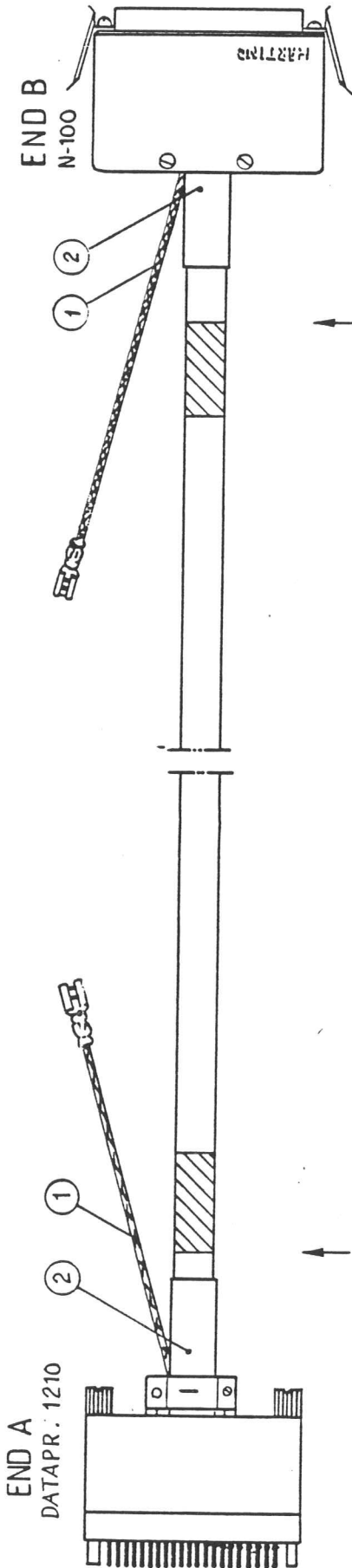
END B 25 P

PRODUCTION TIPS:

(1) SHIELDED CABLE 15 CM

CABL. EXT.		Drawn	MJM
HDLC N 100 N 100		Date	30.6.83
		Contr	
Replacement for		325412	
NORSK DATA A.S		Oslo, Norway	

Corr.	Date	Sign



LABEL
 325404 XX
 DATAPR. 1210 N 100

XX INDICATES LENGTH IN METERS.
 ADHERE LABEL 10-20CM FROM CONNECTORS.

CABLE TYPE: NEK HK-S-K 12 PAIRS

CONNECTORS TYPE: END A 50 P

END B 37 P

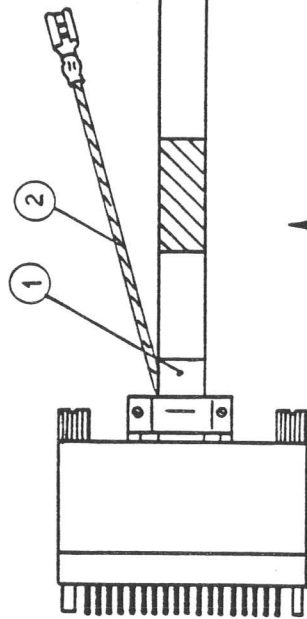
PRODUCTION TIPS:

- ① SHIELDED CABLE 15 CM
- ② TUNING

CABL. EXT DATAPR. 1210 N 100	Drawn MJM
	Date 4.7.83.
NORSK DATA A.S. Oslo, Norway	Appr
	Replacement for 325404

Corrected	Date	Sign

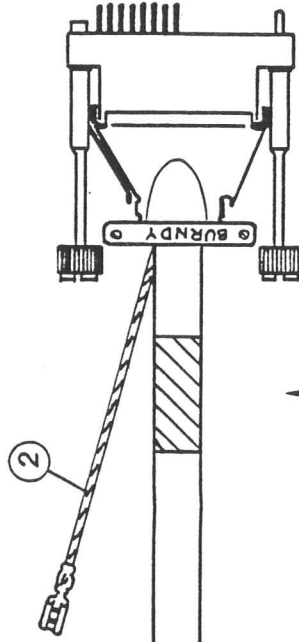
END A
DATAPR. 1210



LABLE

325405 XX
DATAPR. 1210 N 10

END B
N 10



LABLE

325405 XX
DATAPR. 1210 N 10

XX INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE: NEK HK-S-K 12 PAIRS

CONNECTORS TYPE: END A 50 P

END B 42 P BURNDY

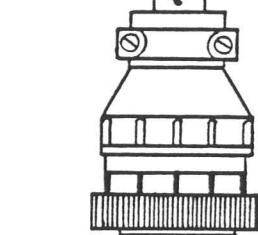
PRODUCTION TIPS :

- ① SHIELDED CABLE 15 CM
- ② TINGING

CABL. EXT DATAPR. 1210 N 10	Drawn <i>MJM</i>
	Date 30.6.83. Appr.
NORSK DATA A.S Oslo, Norway	Replacement for
	325405

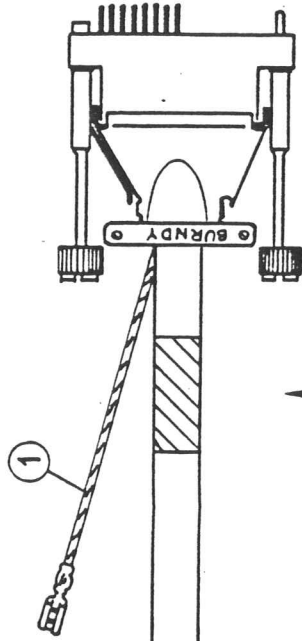
Corrected	Date	Sign

END A
LP 3-900L 938X



LABLE

325406 XX
LP 3-900L 938X N10



LABLE

325406 XX
LP 3-900L 938X N10

XX INDICATES LENGTH IN METERS.
ADHERE LABLE 10-20CM FROM CONNECTORS.
CABLE TYPE: NEK HK-S-K 21 PAIRS
CONNECTORS TYPE: END A 37 P AMP

END B 42 P BURNDY

PRODUCTION TIPS:

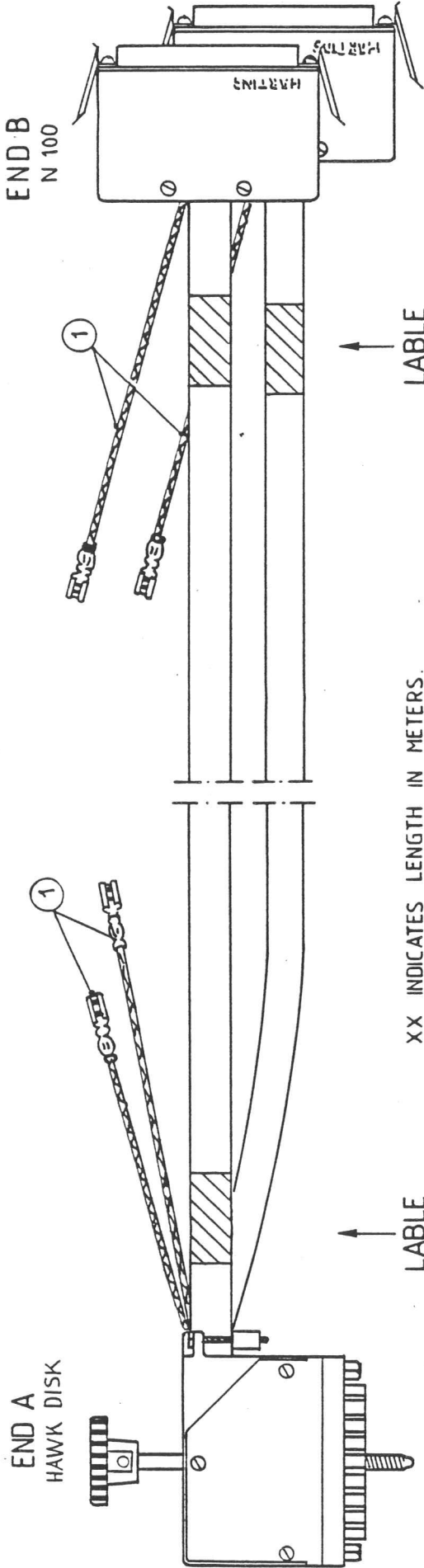
- ① SHIELDED CABLE 15 CM
- ② TINING

END B
N10

CABL. EXT	Drawn MjM
LP 3-900L 938X N10	Date 5.7.83.
	Appr.
Replacement for	
325406	
NORSK DATA A.S.	
Oslo, Norway	

Corrected	Date	Sign

END A
HAWK DISK



XX INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE: NEK - HK S-K 21 PAIRS

CONNECTORS TYPE: END A 75 P

END B 37 P / 37 P

PRODUCTION TIPS:

① SHIELDED CABLE 15 CM

325409 XX
HAWK DISK N 100

325409 XX
HAWK DISK N 100

CABL. EXT HAWK DISK N 100	Drawn MJM
	Date 4.7.83.
Appr	
Replacement for	
NORSK DATA A.S Oslo, Norway	325179

Corr...	Date	Sign
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END A
N100 V24



↑
LABLE

325415 XX
N100 V24 N100 V24

XX INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE: NEK S-K 4 PAIRS

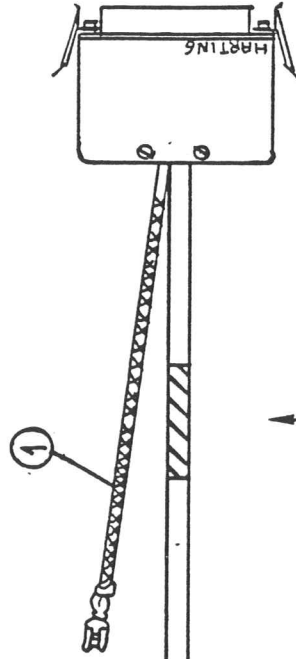
CONNECTORS TYPE: END A 25P

END B 25P

PRODUCTION TIPS :

① SHIELDED CABLE 15 CM

END B
N100 V 24.



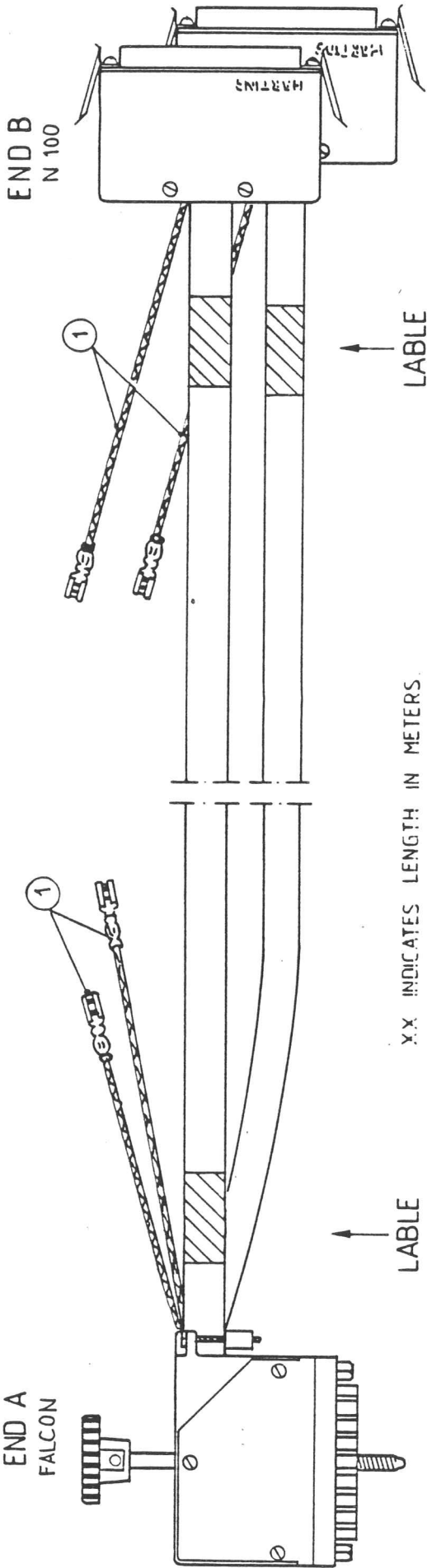
↑
LABLE

325415 XX
N100 V 24 N100 V 24

CABL. EXT	Drawn MA
	Date 29.7.83
N100 V24 N100 V 24	Appr.
NORSK DATA A.S Oslo, Norway	Replacement for
	325415

Corrected	Date	Sign

END A
FALCON



XX INDICATES LENGTH IN METERS

ADHERE LABEL 10-20CM FROM CONNECTORS

CABLE TYPE NEK-HK S-K 21 PAIRS

CONNECTORS TYPE END A 75 P

END B 37 P / 37 P

PRODUCTION TIPS

① SHIELDED CABLE 15 CM

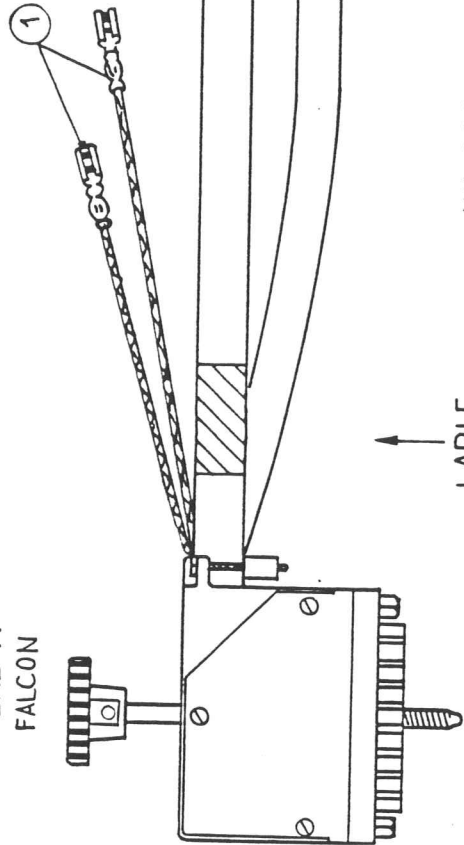
325408 XX
FALCON N 100

325408 XX
FALCON N 100

CABL. EXT FALCON	N 100	Drawn MJM
		Date 4.9.83.
NORSK DATA A.S. Oslo Norway		Replacement for 325408

Corrects	Date	Sig.
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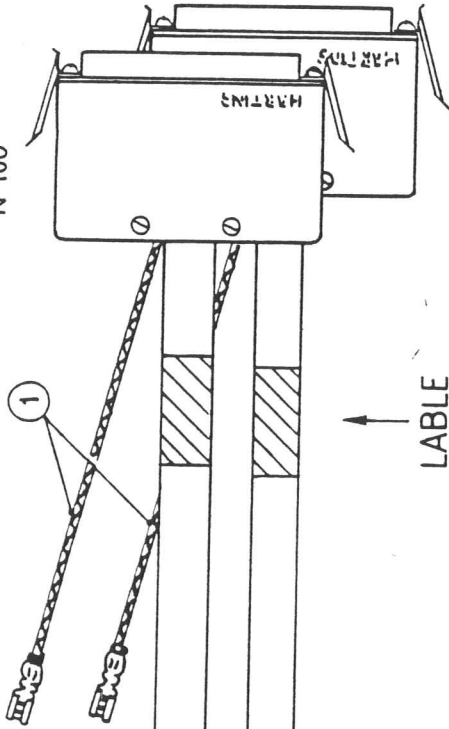
END A
FALCON



LABLE

325408 XX
FALCON N 100

END B
N 100



XX INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS

CABLE TYPE NEK -HK S-K 21 PAIRS

CONNECTORS TYPE END A 75 P

END B 37 P / 37 P

PRODUCTION TIPS

① SHIELDED CABLE 15 CM

LABLE

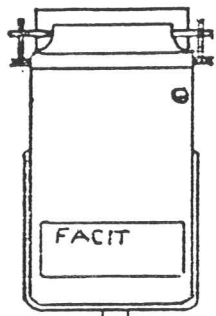
325408 XX
FALCON N 100

CABL. EXT		Drawn MjM
FALCON	N 100	Date 4.7.83.
NORSK DATA A.S		Appr
Oslo Norway		Replacement for
		325408

Corrected	Date	Sign

END B

ND PC



LABLE

325449 XX
ND PC TELEX PL. CU.LO.

XX INDICATES LENGTH IN METERS.

ADHERE LABLE 10-20CM FROM CONNECTORS.

CABLE TYPE NEK HK-S-K 2 PAIRS

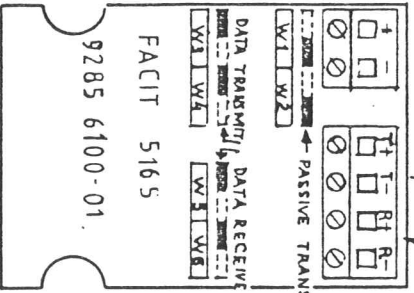
CONNECTORS TYPE: END A TELEX

END B ADAPTER

PRODUCTION TIPS

① SHIELD DRAIN WIRE SHALL
BE CONNECTED TO PIN 6
IN END A

IN ADAPTER, JUMPER
W1-W2-W3-W4-W5
AND W6 MUST BE
LINKED AS SHOWN.

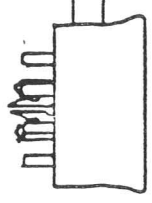


9285 6100-01

FACIT 5165

END A

TELEX PL. CU.LO.



LABLE

325449 XX
ND PC TELEX PL. CU.LO.

CABL. EXT
ND PC TELEX PL. CU.LO.

NORSK DATA A.S
Oslo, Norway

Corrected	Date	Sign

NORSK DATA A.S

Title CABL EXT EPSON-80 N-100

Drawing No. 3-9535 C

325355 XX

WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO.	EXT. CAB. COVER HARTING 25 PIN PLUG PIN NO.	EPSON DEVICE PLUG DB-25-P COVER MODEM PIN NO.
01	CHASSIS				1
02				14	
03	TXD			2	3
04	11+			15	
05	RXD			3	NC
06	12-			16	
07	RTS			4	NC
08	01+			17	
09	RFS			5	20
10	02-			18	
11	DSR			6	NC
12				19	
13	GND			7	7
14	DTR			20 *	
15	SIGN. DET.			8 *	
16				21	
17					
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INTERNAL CABLE :
 EXTERNAL CABLE 1: 4 PAIRS SHIELDED ROUND CABLE
 EXTERNAL CABLE 2:
 EXTERNAL CABLE 3:
 EXTERNAL CABLE 4:

Pin 1 in the device plug is connected to cable shield.
 In the computer end of the external cable the shield is connected to an earth strap with faston.
 Male plug in computer end of cable.

* Strap in external cable.

Drawn by HO/ma	Remarks	Replacement for	Date
Approved		Replaced by	Date
Date 10.11.81			

NORSK DATA A.S

Title

CABL EXT EPSON-80 TDV 2215

Drawing No.

3-9534

325356 XX

WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO.	PLUG PANEL PIN NO.	EPSON DEVICE PLUG DB-25-P COVER MODEM PIN NO.	TDV 22 PRINTER OUT DB-25-S COVER MODEM
01	CHASSIS				1	1
02						
03	TXD				3	2
04						
05	RXD				NC	NC
06						
07	RTS				NC	NC
08						
09	RFS				NC	NC
10						
11	DSR				NC	NC
12						
13	GND				7	7
14	DTR				20	3
15	SIGN. DIT.				8	NC
16						
17						
18						
19						
20						
21						
22						
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INTERNAL CABLE :
 EXTERNAL CABLE 1: 4PAIRS SHIELDED ROUND CABLE
 EXTERNAL CABLE 2:
 EXTERNAL CABLE 3:
 EXTERNAL CABLE 4:

In both end of cable the shield is connected to pin 1.

Drawn by HO/ma	Remarks	Replacement for	Date
Approved		Replaced by	Date
Date 10.11.81			

STANDARD V.24(RS-232c) CABLES BETWEEN NORD AND DEVICES.

Cable specification for ND 750 KM-1D to local devices.

SIGNAL NAME AND DIRECTION.	INTERFACE ND.NO		DEVICES (continued).				
	ND 750 KM-1D		ND 424 Epson MX 80	ND 427 Terminett 340	ND 445 Philips GP 300	ND 235 Dataproduct DP 55	
PLUG	25 P		25 P	25 P	25 P	25 P	
COVER	Modem		Modem	Modem	Modem	Modem	
Screen	1		1	1	1	1	
TXD ←	2		NC	NC	2	2	
RXD →	3		3	2	3	3	
RTS ←	4		NC	NC	NC	NC	
RFS →	5		NC	NC	NC	NC	
DSR →	6		NC	NC	6	NC	
GND —	7		7	7	7	7	
DCD →	8		NC	NC	8	NC	
DTR ←	20		20	15	20	19	
Straps in KM-1D end.			6-2	6-2			
Straps in device end.					4-5		
Part no Drawing	ND 750 KM-1D		325357	325337	325300	325424	
Part no Drawing							
Flowcontrol method possible in cable.			DTR	DTR	DTR XON/XOFF	DTR XON/XOFF	

NORSK DATA A.S

Title

CABL EXT T-1612 KM-1D

Drawing No.

3-9383

325358 XX

WIRE NO.	KM-ID SIGNAL NAME	KM-1D COVER MODEM PLUG 25P PIN NO		TALLY 1612 COVER HARTING PLUG 25S PIN NO			
01							
02	TXD ←	2	} →				
03							
04	RXD →	3		→	3	R. DATA	
05							
06	RTS ←	4					
07							
08	CTS →	5		5	CTS		
09							
10	DSR →	6	→	6	DSR		
11							
12	GND	7	→	7	GND		
13							
14	RLSD →	8					
15							
16	DTR ←	20	←	11	SEC RTS		
17							
18	DTB ←	18					
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
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64							

NB! Shield connected to pin 1 in both plugs.
Cable type: 4 pair cable with Screen

Drawn by HO/kha	Remarks	Replacement for	Date
Approved		Replaced by	Date
Date 21.8.80			

A/S NORSK DATA-
ELEKTRONIKK

Title

CABLE EXT. FACIT N-10 8 PIN
CU.LO.

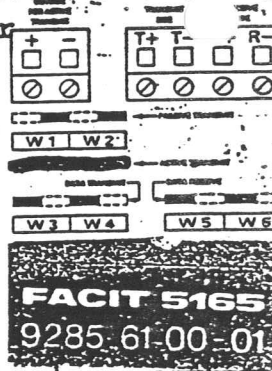
Drawing no.

N-10

325359 XX

NO.	SIGNAL		PLUG BERG (CPU POS.)	8 PIN BURNDY	DEVICE ADAPTER 5165	
1	Sign.			A	F-	
	GND			B	F+	
2	Sign.			C	R-	
	GND			D	R+	
3				E		
				H		
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						

In adapter jumper
W1-W2-W3-W4-W5
and W6 must be
linked as shown



FACIT 5165
9285 61-00-01

EXT: CABLE: 2 PAIR WITH SCREEN

In computer end the screen connected to an earth faston

DRAWN BY HO/ma

Remarks

Replacment for Date

APPROVED BY

Repl ced by Date

DATE 14.02.83

A/S NORSK DATA-
ELEKTRONIKK

Title

CABLE EXT. FACIT N-10 42 PIN
CU.LO.

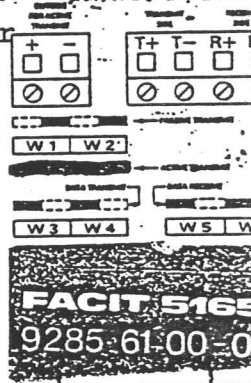
Drawing no.

N-10

325360 XX

NO.	SIGNAL	PLUG BERG (CPU POS.)	42 PIN BURNDY	DEVICE ADAPTER 5165
1	Sign. GND		A C	T- T+
2	Sign. GND		B D	R- R+
3			E	
4			H	
5			F	
6			J	
7			K	
8			M	
9			L	
10			N	
11			P	
12			S	
13			R	
14			T	
15			U	
16			W	
17			V	
18			X	
19			Y	
			AA	
			Z	
			BB	
			CC	
			EE	
			DD	

In adapter jumper
W1-W2-W3-W4-W5
and W6 must be
linked as shown



EXT: CABLE: 2 PAIR WITH SCREEN

In computer end the screen connected to an Earth faston

DRAWN BY HO/ma

Remarks

Replacement for Date

APPROVED BY

Replaced by Date

DATE 14.02.83

NORSK DATA A.S

Title

CABL EXT OMNI 825 N100 RS232

Drawing No.

3 - 9508

325361 XX

WIRE NO.	SIGNAL	POLPRITY	EUROPLUG PIN NO	EXT.CAB. MALE COVER HARTING 25 PIN PLUG PIN NO	DEVICE PLUG 25 P MODEM COVER PIN NO.
01	CHASSIS				
02				1	
03	TXD			14	
04	11+			2	3
05	RXD			15	
06	12-			3	
07	RTS			16	
08	01+			4	
09	RFS			17	
10	02-			5	11
11	DSR			18	
12				6	
13	GND			19	
14	DTR			7	7
15	SIGN. DET.			* 20,8	8,6,5
16				* 8,20	
				21	

INTERNAL CABLE :
 EXTERNAL CABLE 1: 4 pair round cable with screen
 EXTERNAL CABLE 2:
 EXTERNAL CABLE 3:
 EXTERNAL CABLE 4:

Pin 1 in the device plug is connected to cable shield.
 In the computer end of the external cable the shield is connected to an earth strap with faston.
 Male plug in computer end of cable.

* Strap in external cable.

Drawn by HO/ma	Remarks	Replacement for	Date
Approved		Replaced by	Date
Date 9.4.81			

NONSK DATA A.S

Title

CABL EXT T-1612 N100 RS232

Drawing No.

3-9365

325367 XX

WIRE NO.	SIGNAL	POLARITY	EUROPLUC PIN NO.	EXT. CAB. WIRE COVER MARKING 25 PIN PLUG PIN NO.	DEVICE PLUG EXT.CAB. FEMALE COVER MODEM 25S PIN NO.
1	CHASSIS		c 1	1	
2			a 1	14	
3	TXD		c 2	2	3
4	11+		a 2	15	
5	RXD		c 3	3	2
6	12-		a 3	16	
7	RTS		c 4	4	
8	01+		a 4	17	
9	RFS		c 5	5	19
10	02-		a 5	18	
11	DSR		c 6	6	
12			a 6	19	
13	GND		c 7	7	7
14	DTR		a 7	* 20, 8	
15	SIGN. DET.		c 8	* 8, 20	
16			a 8	21	
17	CHASSIS		c 9	1	
18			a 9	14	
19	TXD		c 10	2	
20	11+		a 10	15	
21	RXD		c 11	3	
22	12-		a 11	16	
23	RTS		c 12	4	
24	01+		a 12	17	
25	RFS		c 13	5	
26	02-		a 13	18	
27	DSR		c 14	6	
28			a 14	19	
29	GND		c 15	7	
30	DTR		a 15	20	
31	SIGN. DET.		c 16	8	
32			a 16	21	
33	CHASSIS		c 17	1	
34			a 17	14	
35	TXD		c 18	2	
36	11+		a 18	15	
37	RXD		c 19	3	
38	12-		a 19	16	
39	RTS		c 20	4	
40	01+		a 20	17	
41	RFS		c 21	5	
42	02-		a 21	18	
43	DSR		c 22	6	
44			a 22	19	
45	GND		c 23	7	
46	DTR		a 23	20	
47	SIGN. DET.		c 24	8	
48			a 24	21	
49	CHASSIS		c 25	1	
50			a 25	14	
51	TXD		c 26	2	
52	11+		a 26	15	
53	RXD		c 27	3	
54	12-		a 27	16	
55	RTS		c 28	4	
56	01+		a 28	17	
57	RFS		c 29	5	
58	02-		a 29	18	
59	DSR		c 30	6	
60			a 30	19	
61	GND		c 31	7	
62	DTR		a 31	20	
63	SIGN. DET.		c 32	8	
64			a 32	21	

INTERNAL CABLE TYPE : 64 wire flat cable
 EXTERNAL CABLE TYPE 1: 4 pair round cable with screen
 EXTERNAL CABLE TYPE 2:
 EXTERNAL CABLE TYPE 3:
 EXTERNAL CABLE TYPE 4:

Pin 1 in the device plug is connected to cable shield.
 In the computer end of the external cable the shield is connected to an earth strap with faston.
 Male plug in computer end of cable.

* Strap in external cable.

Drawn by	Remarks B-connector on 3010 B & A-connector on 3013	Replacement for	Date
Approved		Replaced by	Date
Date			

NO.	SIGNAL	POLARITY	PLUG BERG (CPU POS.)	PLUG BURNDY	AMP plug on printer end
1	LP 0	1	BERG 95	A	E
	GND		" 94	C	F
2	LP 1	1	" 93	B	H
	GND		" 92	D	J
3	LP 2	1	" 91	E	K
	GND		" 90	H	L
4	LP 3	1	" 89	F	M
	GND		" 88	J	N
5	LP 4	1	" 87	K	P
	GND		" 86	M	R
6	LP 5	1	" 85	L	S
	GND		" 84	N	T
7	LCB	1	" 83	P	a
	GND		" 82	S	b
8	CHREQ	0	" 81	R	C
	GND		" 80	T	D
9	LSTROB	0	" 79	U	A
	GND		" 78	W	B
10			" 77	V	
			" 76	X	
11	READY	0	" 75	Y	h
	GND		" 74	AA	j
12	LMCP	0	" 73	Z	n
	GND		" 72	BB	p
13	Line Ready	0	" 71	CC	k
	GND		" 70	EE	m
14	LP 6	1	" 69	DD	U
	GND		" 68	FF	V
15	LP 7	1	" 67	HH	W
	GND		" 66	KK	X
16	LP 8	1	" 65	JJ	Y
	GND		" 64	LL	Z
17	Load Imag.	0	" 63	NN	z
	GND		" 62	PP	AA
18			" 61	NN	
			" 60	RR	
19			" 59	SS	
			" 58	UU	
20			" 57	TT	
			" 56	VV	
21			" 55	YY	
			" 54	WW	

N-10 extension

1047, 7628

DRAWN BY EJ/bn	Remarks Extension of N-1 connection	Replacement for	Date 17/1/74
APPROVED BY		Replaced by	Date
DATE 18/1/74			

NORSK DATA A.S Oslo, Norway		Title CABL EXT LP 3-900L 938X N100					Drawing no. 4-9431 325369 XX	
NO.	SIGNAL	POLARITY	PLUG BERG	EUROPLUG NORD-100	PLUGPANEL 2x37 pin plug conn.	PLUG AMP		
1	LPT	0	BERG 95	a 20	1	1		
	GND		" 94	c 20	20	2		
2	LP2	0	" 93	a 19	2	3		
	GND		" 92	c 19	21	4		
3	LP3	0	" 91	a 18	3	5		
	GND		" 90	c 18	22	6		
4	LP4	0	" 89	a 17	4	7		
	GND		" 88	c 17	23	8		
5	LP5	0	" 87	a 16	5	9		
	GND		" 86	c 16	24	15		
6	LP6	0	" 85	a 15	6	14		
	GND		" 84	c 15	25	13		
7	LP7	0	" 83	a 14	7	12		
	GND		" 82	c 14	26	11		
8	LP9	0	" 81	a 13	8	31		
	GND		" 80	c 13	27	32		
9	LP8	0	" 79	a 12	9	10		
	GND		" 78	c 12	28	16		
10	LMC	0	" 77	a 11	10	25		
	GND		" 76	c 11	29	26		
11	I STROB	0	" 75	a 10	11	17		
	GND		" 74	c 10	30	18		
12	LACK	0	" 73	a 9	12	19		
	GND		" 72	c 9	31	20		
13	L BUSY	1	" 71	a 8	13	23		
	GND		" 70	c 8	32	24		
14	LREADY	0	" 69	a 7	14	21		
	GND		" 68	c 7	33	22		
15	LOOP	0	" 67	a 6	15	27		
	GND		" 66	c 6	34	28		
16	LCP	1	" 65	a 5	16	30		
	GND		" 64	c 5	35	33		
17	LBD0	1	" 63	a 4	17	36		
	GND		" 62	c 4	36	37		
18	LBD1	1	" 61	a 3	18	34		
	GND		" 60	c 3	37	35		
19			" 59	a 2	1			
			" 58	c 2	20			
20			" 57	a 1	2			
			" 56	c 1	21			
21			" 55		3			
			" 54		22			

DRAWN BY HO	Remarks	Replacement for	Date
APPROVED BY		Replaced by	Date
DATE 6.9.79			

NORSK DATA A.S

Title CABL EXT SMD SNITT SMC N100

Drawing No.
3-9375

325370 XX

WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO.	PLUGPANEL PIN NO.	EXT. CABLE PLUG 37 P COVER HARTING PIN NO.	DEVICE PLUG AMP 38 PIN PIN NO.	CABLE TYPE
01	GROUND	NOT USED					
02	GROUND	NOT USED					
03	GROUND				Screen	K	
04	SERCL	1			20	N	
05	SERCL	0			2	M	
06	GROUND				Screen	T	
07	RDDL	0			3	U	
08	RDDL	1			22	V	
09	GROUND				Screen	Y	KOAX
10	RCL	1			23	X	
11	RCL	0			5	W	
12	GROUND				Screen	E	
13	WRCL	0			6	H	
14	WRCL	1			25	J	
15	GROUND				Screen	D	
16	WDL	1			26	B	
17	WDL	0			8	A	
18	GROUND						
19	USL	1			9	BB	
20	USL	0			28	DD	
21	SEEKEL	0			10	AA	
22	SEEKEL	1			29	CC	
23	GROUND						TW D PAIR
24	INDEX	1			30	HH	
25	INDEX	0			12	EE	
26	GROUND						
27	SECTOR	0			13	FF	
28	SECTOR	1			32	JJ	
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							
41							
42							
43							
44							
45							
46							
47							
48							
49							
50							
51							
52							
53							
54							
55							
56							
57							
58							
59							
60							
61							
62							
63	GROUND						
64	GROUND						

The external cable consists of 5 pieces of koaxial cable and 4 twisted pairs.

Screens marked K, T, Y, E, D in the computer end of the cable are connected together with one AMP faston and grounded on plugpanel chassis.

Drawn by HO/kha	Remarks	Replacement for	Date
Approved		Replaced by	Date
Date 14.01.80			

NONOK DATA A.S

Title
CABL EXT SMD SNITT SMR/SMT N100

Drawing No.
3-9370

325371 XX

WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO.	PLUG PANEL 2 x 37 S		EXT. CABLE 2 x 37 P COVER HARTING		DEVICE PLUG AMP PLUG (75 PIN) MALE PIN NO	DEVICE PLUG FLAT CABLE ON THE DISC PIN NO.
				SMT	SMR	SMT	SMR		
01	GROUND NOT USED		ac 1						
02	GROUND NOT USED		aa 1						
03	TAG 1	0	ac 2					46	1
04	TAG 1	1	aa 2	20		20		49	31
05	TAG 2	0	ac 3			2		48	2
06	TAG 2	1	aa 3	21		21		51	32
07	TAG 3	0	ac 4			3		52	3
08	TAG 3	1	aa 4	22		22		55	33
09	B0L	0	ac 5			4		23	4
10	B0L	1	aa 5	23		23		26	34
11	B1L	0	ac 6			5		24	5
12	B1L	1	aa 6	24		24		27	35
13	B2L	0	ac 7			6		28	6
14	B2L	1	aa 7	25		25		31	36
15	B3L	0	ac 8			7		29	7
16	B3L	1	aa 8	26		26		32	37
17	B4L	0	ac 9			8		30	8
18	B4L	1	aa 9	27		27		33	38
19	B5L	0	ac 10			9		34	9
20	B5L	1	aa 10	28		28		37	39
21	B6L	0	ac 11			10		35	10
22	B6L	1	aa 11	29		29		38	40
23	B7L	0	ac 12			11		36	11
24	B7L	1	aa 12	30		30		39	41
25	B8L	0	ac 13			12		40	12
26	B8L	1	aa 13	31		31		43	42
27	B9L	0	ac 14			13		41	13
28	B9L	1	aa 14	32		32		44	43
29	OPENCL	0	ac 15			14		16	14
30	OPENCL	1	aa 15	33		33		20	44
31	FAULTL	0	ac 16		1		1	11	15
32	FAULTL	1	aa 16		20		20	14	45
33	SEEKERL	0	ac 17			2	2	75	16
34	SEEKERL	1	aa 17		21		21	78	46
35	ONCYLL	0	ac 18			3	3	15	17
36	ONCYLL	1	aa 18		22		22	18	47
37			ac 19			4			18
38			aa 19		23				48
39	READYL	0	ac 20			5	5	17	19
40	READYL	1	aa 20		24		24	21	49
41			ac 21			6			20
42			aa 21		25				50
43	BUSYL	0	ac 22			7			21
44	BUSYL	1	aa 22		26				51
45	USTL	0	ac 23			8	8	22	22
46	USTL	1	aa 23		27		27	25	52
47	USOL	0	ac 24			9	9	1	23
48	USOL	1	aa 24		28		28	4	53
49	US1L	0	ac 25			10	10	2	24
50	US1L	1	aa 25		29		29	5	54
51			ac 26			11			25
52			aa 26		30				55
53	US2L	0	ac 27			12	12	3	26
54	US2L	1	aa 27		31		31	7	56
55	US3L	0	ac 28			13	13	8	27
56	US3L	1	aa 28		32		32	12	57
57	WPROTL	0	ac 29			14			28
58	WPROTL	1	aa 29		33				58
59	PICK	0	ac 30			15	15	73	29
60	HOLD	0	aa 30		34		34	76	59
61			ac 31						30
62			aa 31						60
63	GROUND NOT USED		ac 32						
64	GROUND NOT USED		aa 32						

INTERNAL CABLE TYPE : 60 WIRE FLAT CABLE
 EXTERNAL CABLE TYPE 1: 21 PAIR ROUND CABLE WITH SCREEN
 EXTERNAL CABLE TYPE 2: 12 PAIR ROUND CABLE WITH SCREEN
 EXTERNAL CABLE TYPE 3:
 EXTERNAL CABLE TYPE 4:

Each screen is connected to ground in each end with a 6,3 mm AMP faston (Total 4 peaces AMP faston).

Drawn by HO/kah	Remarks See drawing no. 3-9368	Replacement for	Date
Approved		Replaced by	Date
Date 15.01.80			

No.	SIGNAL	POLARITY	PLUG BERG (CPU POS.)	PLUG BURNDY	PLUG AMP (34 PINS)	CABLE TYPE
1	WDL	1	BERG 95	A	B	KOAX
	WDL	0	" 94	C	A	"
2	WRCL	1	" 93	B	J	"
	WRCL	0	" 92	D	H	"
3	SERCL	1	" 91	E	N	"
	SERCL	0	" 90	H	M	"
4	RDDL	1	" 89	F	V	"
	RDDL	0	" 88	J	U	"
5	RCL	1	" 87	K	X	"
	RCL	0	" 86	M	W	"
6	SEEKEL	1	" 85	L	CC	TWISTED PA
	SEEKEL	0	" 84	N	AA	"
7	USL	1	" 83	P	BB	"
	USL	0	" 82	S	DD	"
8	SECTL	1	" 81	R	FF	"
	SECTL	0	" 80	T	JJ	"
9	INDEXL	1	" 79	U	EE	"
	INDEXL	0	" 78	W	HH	"
10	PAIR 1 SCREEN	1	"	V	D	
	" 2 "	0	"	X	E	
11	" 3 "	1	"	Y	K	
	" 4 "	0	"	AA	T	
12	" 5 "	1	"	Z	Y	
		0	"	BB		
13		1	"	CC		
		0	"	EE		
14		1	"	DD		
		0	"	FF		
15		1	"	HH		
		0	"	KK		
16		1	"	JJ		
		0	"	LL		
17		1	"	NN		
		0	"	PP		
18		1	"	NN		
		0	"	RR		
19		1	"	SS		
		0	"	UU		
20		1	"	TT		
		0	"	VV		

NB! ONLY 9 PAIRS TO BE MOUNTED IN BERG-PLUG.
CUT THE SCREENS CLOSE TO THE BERG-PLUG.

Card 1089

Pos. 26 (25)

DRAWN BY HS/eml	Remarks CABLE B PLUG J2 ON DISC	Replacement for	Date
APPROVED BY		List	7/ 75
DATS 23/4/75		Replaced by	Ente

A/S NORSK DATA-
ELEKTRONIKK

Title

CABL EXT 9,2 Mbyte N10

Drawing no.

325374 XX

NO.	SIGNAL	POLARITY	PLUG BERG (CPU POS.)	PLUG BURNDY	PLUG ELCO
1	USB 1 o	1	BERG 95	A	CJ
	GND	0	" 94	C	CK
2	USB 2 o	1	" 93	B	CD
	GND	0	" 92	D	CM
3	USB 4 o	1	" 91	E	CN
	GND	0	" 90	H	CP
4	USB 8 o	1	" 89	F	CR
	GND	0	" 88	J	CS
5	USB 16 o	1	" 87	K	CL
	GND	0	" 86	M	CU
6	MARG o	1	" 85	L	AH
	GND	0	" 84	N	AJ
7	WPED o	1	" 83	P	AK
	GND	0	" 82	S	AL
8		1	" 81	R	
		0	" 80	T	
9		1	" 79	U	
		0	" 78	W	
10		1	" 77	V	
		0	" 76	X	
11		1	" 75	Y	
		0	" 74	AA	
12		1	" 73	Z	
		0	" 72	BB	
13		1	" 71	CC	
		0	" 70	EE	
14		1	" 69	DD	
		0	" 68	FF	
15		1	" 67	HH	
		0	" 66	KK	
16		1	" 65	JJ	
		0	" 64	LL	
17		1	" 63	NN	
		0	" 62	PP	
18		1	" 61	NN	
		0	" 60	RR	
19		1	" 59	SS	
		0	" 58	UU	
20		1	" 57	TT	
		0	" 56	VV	

These wiring is used for disc-interface with 1107 card.

DRAWN BY	Remarks DISC SEQUENCE (1107) PLUG	Replacement for	Date
APPROVED BY		Replaced by	Date
DATE			

A/S NORSK DATA-
ELEKTRONIKK

Titlo.

CABL EXT 9,2 Mbyte N10

Drawing no.

NORD-10

325374 XX

NO.	SIGNAL	POLARITY	PLUG BERG 2 (CPU POS.)	PLUG BURNDY	PLUG ELCO
1	US4 _o	1	BERG 95	A	BS
	GND	0	" 94	C	BY
2	US3 _o	1	" 93	B	BU
	GND	0	" 92	D	BT
3	US2 _o	1	" 91	E	BN
	GND	0	" 90	H	BY
4	US1 _o	1	" 89	F	BR
	GND	0	" 88	J	BX
5	CART INDEX _o	1	" 87	K	BF
	GND	0	" 86	M	BP
6	SECTOR _o	1	" 85	L	BL
	GND	0	" 84	N	BM
7	SEEK ERR _o	1	" 83	P	BJ
	GND	0	" 82	S	BK
8	FAULT _o	1	" 81	R	BB
	GND	0	" 80	T	BH
9	CEYL _o	1	" 79	U	BD
	GND	0	" 78	W	BE
10	CREADY _o	1	" 77	V	AX
	GND	0	" 76	X	BC
11	CRC _o	1	" 75	Y	AZ
	GND	0	" 74	AA	BA
12	RRD _o	1	" 73	Z	AU
	GND	0	" 72	BB	AY
13	DRG _o	1	" 71	CC	AV
	GND	0	" 70	EE	AW
14	DWD _o	1	" 69	DD	AS
	GND	0	" 68	FF	AT
15	DEG _o	1	" 67	HH	AP
	GND	0	" 66	KK	AR
16	DWG _o	1	" 65	JJ	AM
	GND	0	" 64	LL	AN
17	N.C.	1	" 63	MM	
	N.C.	0	" 62	PP	
18	N.C.	1	" 61	NN	
	N.C.	0	" 60	RR	
19	DHS1 _o	1	" 59	SS	AE
	GND	0	" 58	UU	AF
20	DHS0 _o	1	" 57	TT	AC
	GND	0	" 56	VV	AD
21		1	" 55	XX	
		0	" 54	WW	

DRAWN BY TM/eml

Remarks

Replacement for Date

APPROVED BY

DISC TIMING PLUG

Replaced by Date

DATE 14/8/73

NO.	SIGNAL	POLARITY	PLUG BERG (CPU POS.)	PLUG BURNDY	PLUG ELCO
1	N.C.	1	BERG 95	A	
	N.C.	0	" 94	C	
2	N.C.	1	" 93	B	
	N.C.	0	" 92	D	
3	DRTZ _o	1	" 91	E	AA
	GND	0	" 90	H	AB
4	TA8 _o	1	" 89	F	R
	GND	0	" 88	J	X
5	TA7 _o	1	" 87	K	T
	GND	0	" 86	M	S
6	N.C.	1	" 85	L	
	N.C.	0	" 84	N	
7	N.C.	1	" 83	P	
	N.C.	0	" 82	S	
8	N.C.	1	" 81	R	
	N.C.	0	" 80	T	
9	TA6 _o	1	" 79	U	V
	GND	0	" 78	W	U
10	TA5 _o	1	" 77	V	P
	GND	0	" 76	X	W
11	TA4 _o	1	" 75	Y	M
	GND	0	" 74	AA	N
12	N.C.	1	" 73	Z	
	N.C.	0	" 72	BB	
13	N.C.	1	" 71	CC	
	N.C.	0	" 70	EE	
14	N.C.	1	" 69	DD	
	N.C.	0	" 68	FF	
15	TA3 _o	1	" 67	HH	K
	GND	0	" 66	KK	L
16	TA2 _o	1	" 65	JJ	H
	GND	0	" 64	LL	J
17	TA1 _o	1	" 63	MM	E
	GND	0	" 62	PP	F
18	TA0 _o	1	" 61	NN	C
	GND	0	" 60	RR	D
19	DTAS _o	1	" 59	SS	A
	GND	0	" 58	UU	B
20					
21					

DRAWN BY TM/eml

Remarks

Replacement for Date

APPROVED BY

DISC TRANCEIVER PLUG

Replaced by Date

DATE 14/8/73

A/S NORSK DATA-
ELEKTRONIKK

Title

CART. EXT SMD SNITT
SMR/SMT N10

Drawing no.

NORD-10

325376 XX

NO.	SIGNAL	POLARITY	PLUG. BERG (CPU POS.)	PLUG BURNDY	PLUG AMP (82 PINS)	CABLE TYPE
1	B0L	1	BERG 95	A	26	TWISTED PAI
	B0L	0	" 94	C	23	" "
2	B1L	1	" 93	B	27	" "
	B1L	0	" 92	D	24	" "
3	B2L	1	" 91	E	31	" "
	B2L	0	" 90	H	28	" "
4	B3L	1	" 89	F	32	" "
	B3L	0	" 88	J	29	" "
5	B4L	1	" 87	K	33	" "
	B4L	0	" 86	M	30	" "
6	B5L	1	" 85	L	37	" "
	B5L	0	" 84	N	34	" "
7	B6L	1	" 83	P	38	" "
	B6L	0	" 82	S	35	" "
8	B7L	1	" 81	R	39	" "
	B7L	0	" 80	T	36	" "
9	B8L	1	" 79	U	43	" "
	B8L	0	" 78	W	40	" "
10	B9L	1	" 77	V	44	" "
	B9L	0	" 76	X	41	" "
11	TAG1L	1	" 75	Y	49	" "
	TAG1L	0	" 74	AA	46	" "
12	TAG2L	1	" 73	Z	51	" "
	TAG2L	0	" 72	BB	48	" "
13	TAG3L	1	" 71	CC	55	" "
	TAG3L	0	" 70	EE	52	" "
14	OPENCL	1	" 69	DD	16	" "
	OPENCL	0	" 68	FF	20	" "
15		1	"	HH		
		0	"	KK		
16		1	"	JJ		
		0	"	LL		
17		1	"	MM		
		0	"	PP		
18		1	"	NN		
		0	"	RR		
19		1	"	SS		
		0	"	UU		
20		1	"	TT		
		0	"	VV		

NB! ONLY 14 PAIRS TO BE MOUNTED IN BERG-PLUG.

A,I AND A,II ARE MOUNTED IN THE SAME AMP-PLUG.

Card 1079

Pos. 27

DRAWN BY HS/eml	Remarks CABLE A,II SMT PLUG J3 ON DISC	Replacement for: Date
APPROVED BY		List 7/ /5
DATE 23/4/75		Replaced by Date

A/S NORSK DATA-
ELEKTRONIKK

Title
CABL EXT SMD SNITT
SMR/SMT N10

Drawing no.
NORD-10
325376 XX

NO.	SIGNAL	POLARITY	PLUG BERG (CPU POS.)	PLUG BURNDY	*PLUG AMP (82 PINS)	CABLE TYPE
1	US0L	1	BERG 95	A	04	TWISTED PA
	US0L	0	" 94	C	01	" "
2	US1L	1	" 93	B	05	" "
	US1L	0	" 92	D	02	" "
3	US2L	1	" 91	E	07	" "
	US2L	0	" 90	H	03	" "
4	US3L	1	" 89	F	12	" "
	US3L	0	" 88	J	08	" "
5	SUSL	1	" 87	K	25	" "
	SUSL	0	" 86	M	22	" "
6	FAULTL	1	" 85	L	14	" "
	FAULTL	0	" 84	N	11	" "
7	SEEKERL	1	" 83	P	78	" "
	SEEKERL	0	" 82	S	75	" "
8	ONCYLL	1	" 81	R	18	" "
	ONCYLL	0	" 80	T	15	" "
9	READYL	1	" 79	U	21	" "
	READYL	0	" 78	W	17	" "
10		1	"	V		
		0	"	X		
11		1	"	Y		
		0	"	AA		
12		1	"	Z		
		0	"	BB		
13		1	"	CC		
		0	"	EE		
14		1	"	DD		
		0	"	FF		
15		1	"	HH		
		0	"	KK		
16		1	"	JJ		
		0	"	LL		
17		1	"	NN		
		0	"	PP		
18		1	"	NN		
		0	"	RR		
19		1	"	SS		
		0	"	UU		
20		1	"	TT		
		0	"	VV		

NB! : ONLY 9 PAIRS TO BE MOUNTED IN BERG-PLUG.
A,I AND A,II ARE MOUNTED IN THE SAME AMP-PLUG.

Card 1078

Pos. 28

DRAWN BY HS/em1	Remarks CABLE A,I SMR PLUG J3 ON DISC	Replacement for: Date List 7/3/75
APPROVED BY		Replaced by: Date
DATE 23/4/75		

NORSK DATA A.S

Title

EXTERNAL & INTERNAL CABLE FOR
N-100 STC MAGTAPE CONTROLLER TO
STC MAGTAPE FORMATTER CABLE A

Drawing No.

3-9380 C

325378 XX

WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO.	PLUG PANEL 2x37 PIN D-CONNECTOR PIN NO.	DEVICE PLUG ND PLUG PAN. 2x37 PIN PIN NO.	DEVICE PLUG PLUG PANEL IN TAPE FORMATTER
01	AD0	0	ac 01	P1- 1	P1- 1	A4-A01
02	GND		aa 01	P1-20	P1-20	A4-B01
03	AD1	0	ac 02	P1- 2	P1- 2	A4-A02
04	GND		aa 02	P1-21	P1-21	A4-B02
05	CMD0	0	ac 03	P1- 3	P1- 3	A4-A03
06	GND		aa 03	P1-22	P1-22	A4-B03
07	CMD1	0	ac 04	P1- 4	P1- 4	A4-A04
08	GND		aa 04	P1-23	P1-23	A4-B04
09	CMD2	0	ac 05	P1- 5	P1- 5	A4-A05
10	GND		aa 05	P1-24	P1-24	A4-B05
11	CMD3	0	ac 06	P1- 6	P1- 6	A4-A06
12	GND		aa 06	P1-25	P1-25	A4-B06
13	DS0	0	ac 07	P1- 7	P1- 7	A4-A07
14	GND		aa 07	P1-26	P1-26	A4-B07
15	START	0	ac 08	P1- 8	P1- 8	A4-A08
16	GND		aa 08	P1-27	P1-27	A4-B08
17	STOP	0	ac 09	P1- 9	P1- 9	A4-A09
18	GND		aa 09	P1-28	P1-28	A4-B09
19	TRAK	0	ac 10	P1-10	P1-10	A4-A10
20	GND		aa 10	P1-29	P1-29	A4-B10
21	DAT-P	0	ac 11	P1-11	P1-11	A4-A11
22	GND		aa 11	P1-30	P1-30	A4-B11
23	DATA-0	0	ac 12	P1-12	P1-12	A4-A12
24	GND		aa 12	P1-31	P1-31	A4-B12
25	DATA-1	0	ac 13	P1-13	P1-13	A4-A13
26	GND		aa 13	P1-32	P1-32	A4-B13
27	DATA-2	0	ac 14	P1-14	P1-14	A4-A14
28	GND		aa 14	P1-33	P1-33	A4-B14
29	DATA-3	0	ac 15	P1-15	P1-15	A4-A15
30	GND		aa 15	P1-34	P1-34	A4-B15
31	DATA-4	0	ac 16	P1-16	P1-16	A4-A16
32	GND		aa 16	P1-35	P1-35	A4-B16
33	DATA-5	0	ac 17	P1-17	P1-17	A4-A17
34	GND		aa 17	P1-36	P1-36	A4-B17
35	DATA-6	0	ac 18	P1-18	P1-18	A4-A18
36	GND		aa 18	P1-37	P1-37	A4-B18
37	DATA-7	0	ac 19	P2- 1	P2- 1	A4-A19
38	GND		aa 19	P2-20	P2-20	A4-B19
39	RESET	0	ac 20	P2- 2	P2- 2	A4-A20
40	GND		aa 20	P2-21	P2-21	A4-B20
41	MUX0	0	ac 21	P2- 3	P2- 3	A4-A21
42	GND		aa 21	P2-22	P2-22	A4-B21
43	MUX1	0	ac 22	P2- 4	P2- 4	A4-A22
44	GND		aa 22	P2-23	P2-23	A4-B22
45	DS1	0	ac 23	P2- 5	P2- 5	A4-A23
46	GND		aa 23	P2-24	P2-24	A4-B23
47	MUX2	0	ac 24	P2- 6	P2- 6	A4-A24
48	GND		aa 24	P2-25	P2-25	A4-B24
49	SSC	0	ac 25	P2- 7	P2- 7	A4-A25
50	GND		aa 25	P2-26	P2-26	A4-B26
51	OSC	0	ac 26	P2- 8	P2- 8	A4-A26
52	GND		aa 26	P2-27	P2-27	A4-B26
53	EOTS	0	ac 27	P2- 9	P2- 9	A4-A27
54	GND		aa 27	P2-28	P2-28	A4-B27
55	BOTS	0	ac 28	P2-10	P2-10	A4-A28
56	GND		aa 28	P2-29	P2-29	A4-B28
57	FPTS	0	ac 29	P2-11	P2-11	A4-A29
58	GND		aa 29	P2-30	P2-30	A4-B29
59	REWS	0	ac 30	P2-12	P2-12	A4-A30
60	GND		aa 30	P2-31	P2-31	A4-B30
61						
62						
63						
64						

EXTERNAL CABLE

EXTERNAL CABLE TYPE : SPECTRA STRIP TWIST'N FLAT 455-248-60
 EXTERNAL CABLE TYPE 1: " " " " " " " " " } Max lenght 3 m
 EXTERNAL CABLE TYPE 2: " " " " " " " " " }
 EXTERNAL CABLE TYPE 3: " " " " " " " " " }
 EXTERNAL CABLE TYPE 4: " " " " " " " " " }

Drawn by PHE/kha	Remarks Total length of all three cables max. 20 feet.	Replacement for	Date
Approved		Replaced by	Date
Date 21.8.80			

WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO.	PLUGPANEL 2x37 PIN D-COMM. IN N100 PIN NO.	DEVICE PLUG 2x37 PIN D-CONNECTOR IN TAPE CAB. PIN NO.	DEVICE PLUG PLUG PANEL IN TAPE FORMATTER
1	ERRMX-P	0	bc 1	P3- 1	P3- 1	B4-A01
2	GND		ba 1	P3-20	P3-20	B4-B01
3	ERRMX-0	0	bc 2	P3- 2	P3- 2	B4-A02
4	GND		ba 2	P3-21	P3-21	B4-B02
5	ERRMX-1	0	bc 3	P3- 3	P3- 3	B4-A03
6	GND		ba 3	P3-22	P3-22	B4-B03
7	ERRMX-2	0	bc 4	P3- 4	P3- 4	B4-A04
8	GND		ba 4	P3-23	P3-23	B4-B04
9	ERRMX-3	0	bc 5	P3- 5	P3- 5	B4-A05
10	GND		ba 5	P3-24	P3-24	B4-B05
11	ERRMX-4	0	bc 6	P3- 6	P3- 6	B4-A06
12	GND		ba 6	P3-25	P3-25	B4-B06
13	ERRMX-5	0	bc 7	P3- 7	P3- 7	B4-A07
14	GND		ba 7	P3-26	P3-26	B4-B07
15	ERRMX-6	0	bc 8	P3- 8	P3- 8	B4-A08
16	GND		ba 8	P3-27	P3-27	B4-B08
17	ERRMX-7	0	bc 9	P3- 9	P3- 9	B4-A09
18	GND		ba 9	P3-28	P3-28	B4-B09
19	BUSY	0	bc 10	P3-10	P3-10	B4-A10
20	GND		ba 10	P3-29	P3-29	B4-B10
21	TREQ	0	bc 11	P3-11	P3-11	B4-A11
22	GND		ba 11	P3-30	P3-30	B4-B11
23	RECV	0	bc 12	P3-12	P3-12	B4-A12
24	GND		ba 12	P3-31	P3-31	B4-B12
25	ID-BRST	0	bc 13	P3-13	P3-13	B4-A13
26	GND		ba 13	P3-32	P3-32	B4-B13
27	OPINC	0	bc 14	P3-14	P3-14	B4-A14
28	GND		ba 14	P3-33	P3-33	B4-B14
29	ENDATP	0	bc 15	P3-15	P3-15	B4-A15
30	GND		ba 15	P3-34	P3-34	B4-B15
31	TMS	0	bc 16	P3-16	P3-16	B4-A16
32	GND		ba 16	P3-35	P3-35	B4-B16
33	REJECT	0	bc 17	P3-17	P3-17	B4-A17
34	GND		ba 17	P3-36	P3-36	B4-B17
35	OVRNS	0	bc 18	P3-18	P3-18	B4-A18
36	GND		ba 18	P3-37	P3-37	B4-B18
37	DATA CHK	0	bc 19	P4- 1	P4- 1	B4-A19
38	GND		ba 19	P4-20	P4-20	B4-B19
39	ROMPS	0	bc 20	P4- 2	P4- 2	B4-A20
40	GND		ba 20	P4-21	P4-21	B4-B20
41	CRERR	0	bc 21	P4- 3	P4- 3	B4-A21
42	GND		ba 21	P4-22	P4-22	B4-B21
43	BLOCK	0	bc 22	P4- 4	P4- 4	B4-A22
44	GND		ba 22	P4-23	P4-23	B4-B22
45	NRZI	0	bc 23	P4- 5	P4- 5	B4-A23
46	GND		ba 23	P4-24	P4-24	B4-B23
47	BUPER	0	bc 24	P4- 6	P4- 6	B4-A24
48	GND		ba 24	P4-25	P4-25	B4-B24
49	ONLS	0	bc 25	P4- 7	P4- 7	B4-A25
50	GND		ba 25	P4-26	P4-26	B4-B25
51	HDENS	0	bc 26	P4- 8	P4- 8	B4-A26
52	GND		ba 26	P4-27	P4-27	B4-B26
53	RDYS	0	bc 27	P4- 9	P4- 9	B4-A27
54	GND		ba 27	P4-28	P4-28	B4-B27
55	WRTS	0	bc 28	P4-10	P4-10	B4-A28
56	GND		ba 28	P4-29	P4-29	B4-B28
57						
58						
59				EXTERNAL		
60				CABLE		
61				←→		
62						
63						
64						

INTERNAL CABLE TYPE : Spectra-strip Twist'n flat 455-248-60
 EXTERNAL CABLE TYPE 1:
 EXTERNAL CABLE TYPE 2:
 EXTERNAL CABLE TYPE 3: " " " " " " " " } length max. 3 m
 EXTERNAL CABLE TYPE 4 " " " " " " " " }

Drawn by	PHE /kha	Remarks	Replacement for	Date
Approved		Total length of all three cables max. 20 feet	Replaced by	Date
Date	21.8.80			

Cables for PIOC X-interface(Plug panel X1,X X3 or X4)					
SIGNAL NAME AND DIRECTION.	INTERFACE ND.NO		CONNECTED DEVICES		
	ND-857 PIOC interface ND-100		Datanett X-DCE X.21	PIOC computer link	PIOC/HDLC ND-100 link
PLUG	Europlug channel 0,2/1,3	25P	15P	25P	25P
COVER		HARTING	MODEM	HARTING	HARTING
TB -->	a9/a25	14	9	16	16
TA -->	c10/c26	2	2	4	4
CB -->	a10/a26	15	10	NC.	NC.
CA -->	c11/c27	3	3	NC.	NC.
RB <--	a11/a27	16	11	14	14
RA <--	c12/c28	4	4	2	2
IA <--	a12/a28	17	12	NC.	NC.
IB <--	c13/c29	5	5	NC.	NC.
SB <--	a13/a29	18	13	19	15
SA <--	c14/c30	6	6	7	3
UB <--	a14/a30	19	NC.	18	18
UA <--	c15/c31	7	NC.	6	6
YB -->	a15/a31	20	NC.	NC.	NC.
YA -->	a16/a32	21	NC.	NC.	NC.
GND ---	c16/c32	8	8	8	8
STRAPS IN PIOC END.			18-19,6-7 22-10, 23-11-24	15-5,17-3 ,7-21, 19-20	15-5,17-3 ,7-21, 19-20
STRAPS IN DEVICE END/ REMOTE END IF COMPUTER LINK.			None	15-5,17-3 ,7-21, 19-20	3-5,15-17 11-24-23, 22-10
Screen	Faston		1	Faston	Faston
Cabel			6 p round	6p round	6 p round
Part no Drawing	ND-857		325383	325384	325385

Cables for PIOC V-interface(Plug panel V1,V2,V3 or V4)					
SIGNAL NAME AND DIRECTION.	INTERFACE ND.NO		CONNECTED DEVICES		
	ND-857 PIOC interface ND-100		Synch.mod V.24/VDCE X.21bis	Asyn.mod V.24/VDCE X.20bis	
PLUG	Europlug chann.	25P	25P	25P	
COVER	0,2/1,3	HARTING	Modem.	Modem.	
TXD -->	c2/c18	2	2	2	
RXD <--	c3/c19	3	3	3	
RTS -->	c4/c20	4	4	4	
RFS <--	c5/c21	5	5	5	
DSR <--	c6/c22	6	6	6	
GND ---	c7/c23	7	7	7	
DCD <--	c8/c24	8	8	8	
TXC <--	a2/a18	15	15	NC.	
RXC <--	a4/a20	17	17	NC.	
DTR -->	a7/a23	20	20	20	
RI <--	Not used	22	22	NC.	
UTC -->	a5/a21	18	NC.	NC.	
VLEV<--	a6/a22	19	NC.	NC.	
STRAPS IN PIOC END.			19-7, 22-16	18-15-17, 19-7	
STRAPS IN DEVICE END.					
Screen	Faston		1	1	
Cabel			6 p round	6 p round	
Part no Drawing	ND-857		325386	325387	

A/S NORSK DATA-ELEKTRONIKK	Title CABL EXT 21 PAIR 1-1 42-pins	Drawing no. 325393 XX
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NO.	SIGNAL	PLUG BERG (CPU POS.)	PLUG BURNDY	Internal wiring in Pertec
1	FEN	BERG 95	A	A13
	GND	" 94	C	A14
2	OFL	" 93	B	A12
	GND	" 92	D	A11
3		" 91	E	N.C.
		" 90	H	N.C.
4	GO	" 89	F	A3
	GND	" 88	J	A2
5	REWIND	" 87	K	B12
	GND	" 86	M	B11
6	THR2, LWD	" 85	L	B9, B13
	GND	" 84	N	B8, B14
7	PAR, W7	" 83	P	B10, A21
	GND	" 82	S	B11, A20
8	EDIT, W6	" 81	R	A6, B21
	GND	" 80	T	A5, B20
9	WFM, W5	" 79	U	B6, A19
	GND	" 78	W	B5, A20
10	ERASE, W4	" 77	V	B7, B19
	GND	" 76	X	B8, B20
11	WRT, W3	" 75	Y	A4, A18
	GND	" 74	AA	A5, A17
12	REV, W2	" 73	Z	B4, B18
	GND	" 72	BB	B5, B17
13	, W1	" 71	CC	, A16
	GND	" 70	EE	, A17
14	, W0	" 69	DD	, B16
	GND	" 68	FF	, B17
15	FAB	" 67	HH	B1
	GND	" 66	KK	B2
16	TADO	" 65	JJ	A1
	GND	" 64	LL	A2
17	TAD1	" 63	MM	B3
	GND	" 62	PP	B2
18	LDP	" 61	NN	B30
	GND	" 60	RR	B29
19	ONL	" 59	SS	A27
	GND	" 58	UU	A26
20	FPT	" 57	TT	A28
	GND	" 56	VV	A29

ALL SIGNALS ACTIVE "LOW"

External connection between N-10 and Pertec is 1:1 cable

DRAWN BY RI/bw	Remarks POS 32 ND-12.012.01	Replacement for	Date
APPROVED BY		Replaced by	Date
DATE 13.10.76			

A/S NORSK DATA-
ELEKTRONIKK

Title

CABL EXT 21 pair 1-1 42-pins

Drawing no.

325393 XX

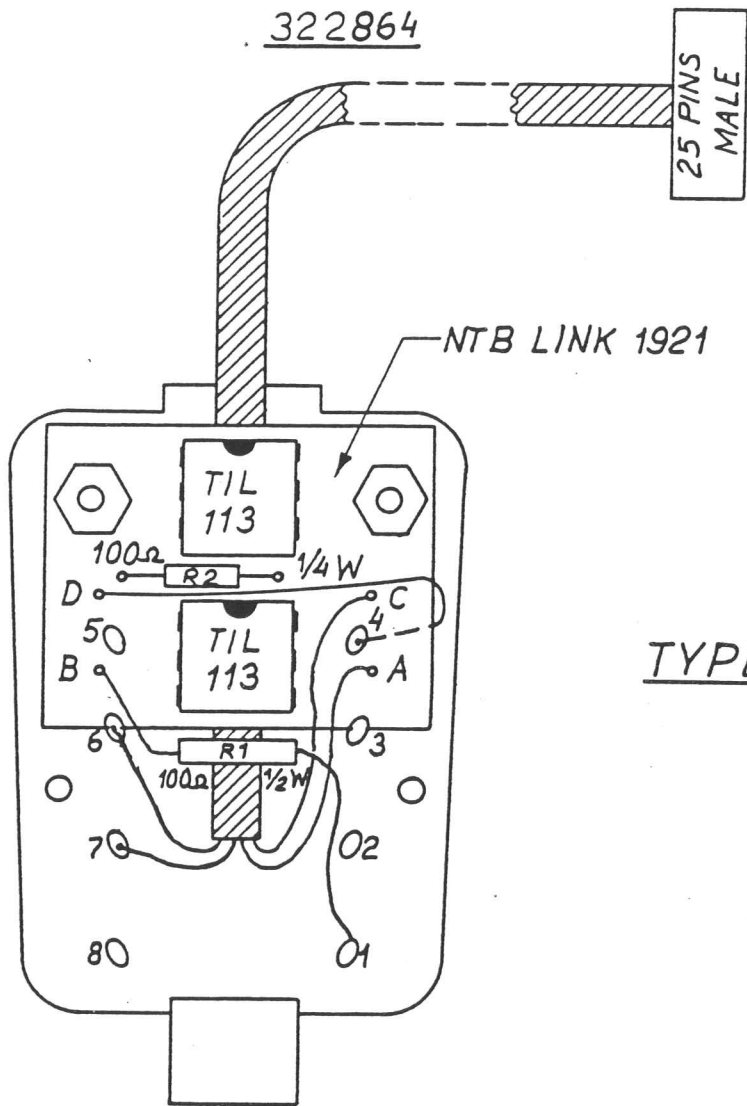
NO.	SIGNAL	PLUG BERG (CPU POS.)	PLUG BURNDY	Internal wiring in Pertec
1	CCG	BERG 95	A	B24
	GND	" 94	C	B23
2	R0	" 93	B	B37
	GND	" 92	D	B38
3	R1	" 91	E	A37
	GND	" 90	H	A38
4	R2	" 89	F	B39
	GND	" 88	J	B38
5	R3	" 87	K	A39
	GND	" 86	M	A38
6	R4	" 85	L	B40
	GND	" 84	N	B41
7	R5	" 83	P	A40
	GND	" 82	S	A41
8	R6	" 81	R	B42
	GND	" 80	T	B41
9	R7	" 79	U	A42
	GND	" 78	W	A41
10	WSTR	" 77	V	A34
	GND	" 76	X	A35
11	RSTR	" 75	Y	B36
	GND	" 74	AA	B35
12	FBY	" 73	Z	B22
	GND	" 72	BB	B23
13	DBY	" 71	CC	A22
	GND	" 70	EE	A23
14	EOT	" 69	DD	A30
	GND	" 68	FF	A29
15	READY	" 67	HH	B27
	GND	" 66	KK	B26
16	FMK	" 65	JJ	A25
	GND	" 64	LL	A26
17		" 63	MM	N.C.
		" 62	PP	N.C.
18		" 61	NN	N.C.
		" 60	RR	N.C.
19	CER	" 59	SS	B25
	GND	" 58	UU	B26
20	HER	" 57	TT	A24
	GND	" 56	VV	A23

ALL SIGNALS ACTIVE "LOW"

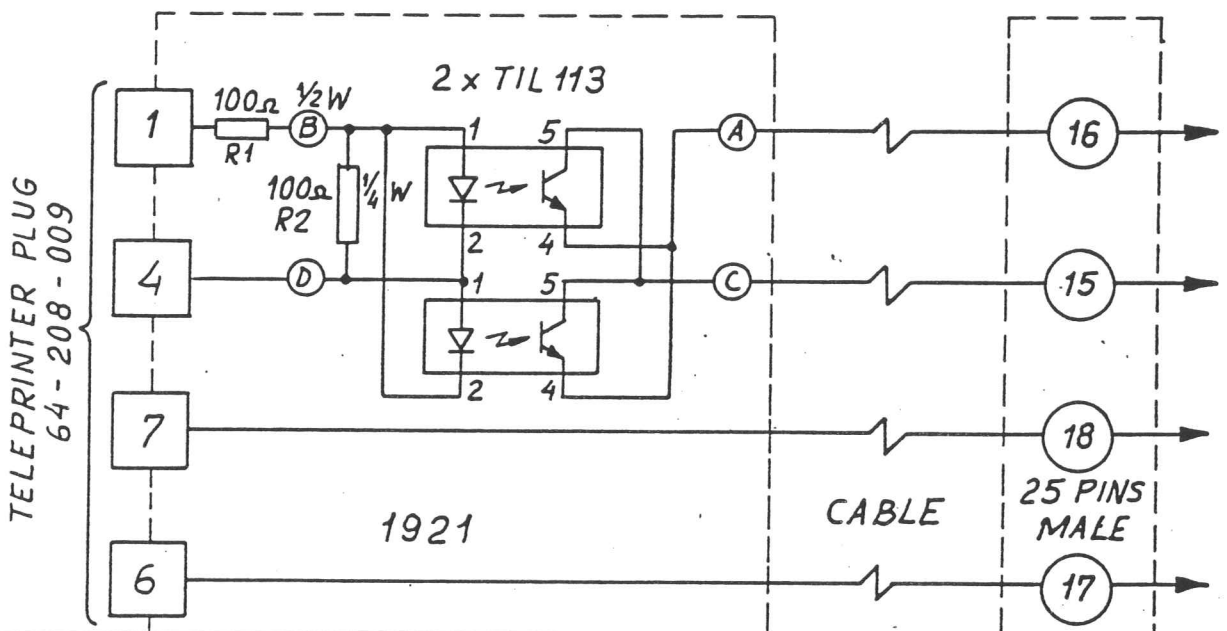
External connection between N-10 and Pertec is 1:1 cable

DRAWN BY RI/bw	Remarks POS 30 ND-12.012.01	Replacement for	Date
APPROVED BY		Replaced by	Date
DATE 13.10.76.			

322864



TYPE 1



DRAWN BY *M/M*
APPROVED BY
DATE *16.10.80.*

Remarks
*Circuit Diagram
Arrangement Drawing
Cable List*

Replacement for	Date
Replaced by	Date

NORSK DATA A.S.
Oslo, Norway

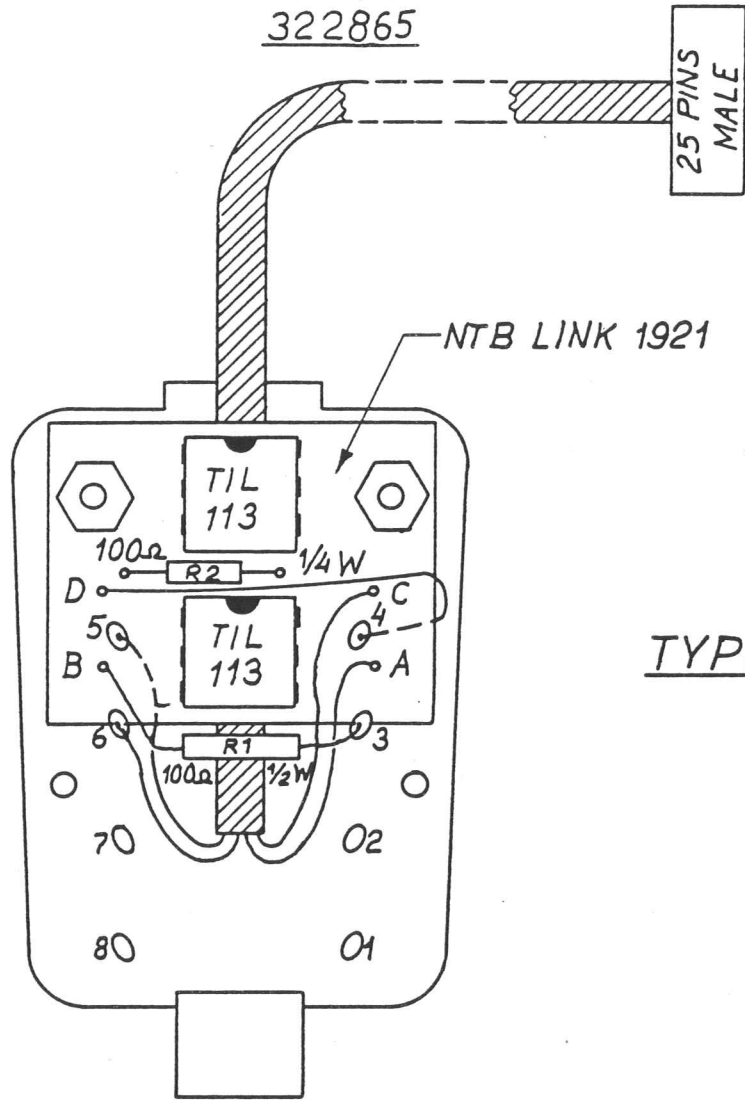
Title

CABL EXT NTB 3-4 PLUG N100

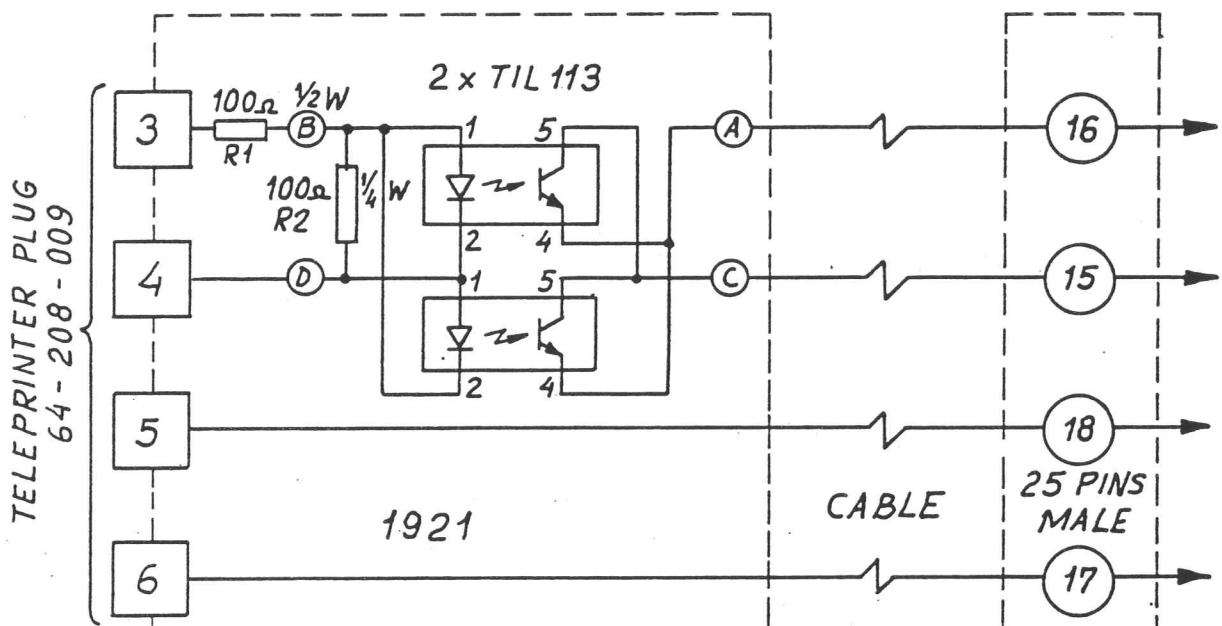
Drawing no.

4-9450

325399 XX



TYPE 2



TELEPRINTER PLUG
64-208-009

DRAWN BY *MJM*
APPROVED BY
DATE *4.9.80.*

Remarks

*Circuit Diagram
Arrangement Drawing
Cable List*

Replacement for	Date
Replaced by	Date

NORSK DATA A.S

Title
CABL EXT MEGALINK N100 N100

Drawing No.
3 - 9388

325400 XX

WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO.	DEVICE PLUG DDC 25 P COWER HARTING PIN NO.	DEVICE PLUG DDC 25 P COWER HARTING PIN NO.
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28	TxCB			NC	
29	TxCA			NC	
30	TB			14	16
31	TA			2	4
32	TxCB (CB)			15	18
33	TxCA (CA)			3	6
34	RB			16	14
35	RA			4	2
36	TxCB (IB)			17	7
37	TxCA (IA)			5	19
38	RxCB (SA)			18	15
39	RxCA (SB)			6	3
40	BB			19	5
41	BA			7	17
42					
43	GND			8	8
44	HIGH				
45					
46					
47					
48					
49					
50					
51					
52					
53					
54					
55					
56					
57					
58					
59					
60					
61					
62					
63					
64					

INTERNAL CABLE TYPE:
 EXTERNAL CABLE TYPE 1: 12 pair round cable with screen
 EXTERNAL CABLE TYPE 2:
 EXTERNAL CABLE TYPE 3:
 EXTERNAL CABLE TYPE 4:

In the both end of external cable are shield connected to an earth strap with faston.

Drawn by HO/ma	Remarks B - CONNECTOR 3015	Replacement for	Date
Approved		Replaced by	Date
Date 2.9.80			

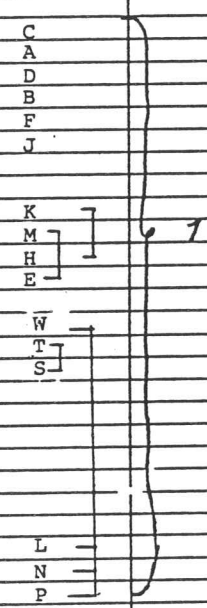
NORSK DATA A.S

Title
CABL EXT HDLC N100 N10S

Drawing No.
3-9328 C

325401 XX

WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO.	DEVICE PLUG DDC 25 P COWER HARTING PIN NO.	DEVICE BURNDY N-10S PIN NO.
01				1	
02				14	
03	TDA			2	
04	TCL			15	
05	RDA			3	
06				16	
07	RTS			4	
08	RCL			17	
09	RFS			5	
10				18	
11	DSR			6	
12				19	
13	GND			7	
14	DTR			20	
15	SD			8	
16				21	
17				9	
18	RI			22	
19				10	
20				23	
21				11	
22				24	
23				12	
24				25	
25				13	
26					
27					
28					
29				1	
30	TB			14	C
31	TA			2	A
32	TxCB (CB)			15	D
33	TxCA (CA)			3	B
34	RB			16	F
35	RA			4	J
36	TxCB (IB)			17	
37	TxCA (IA)			5	
38	RxCB (SA)			18	K
39	RxCB (SB)			6	M
40	TxCB			NC	H
41	TxCA			NC	E
42				NC	
43	SIGNAL GND			8	W
44				NC	T
45				NC	S
46	RES			22	
47	ROTS			10	
48	DSR			23	
49	H			11	
50	SD			24	
51					
52					
53					L
54					N
55					P
56					
57					
58					
59					
60					
61					
62					
63					
64					



INTERNAL CABLE TYPE :
 EXTERNAL CABLE TYPE 1: 12 pair round cable with screen
 EXTERNAL CABLE TYPE 2:
 EXTERNAL CABLE TYPE 3:
 EXTERNAL CABLE TYPE 4:

Shield is connected to an earth strap in both ends of cable.

Drawn by HO/kha	Remarks B-connector 3015	Replacement for	Date
Approved		Replaced by	Date
Date 13.2.81			

NORSK DATA A.S

Title
CABL EXT HDLC N100 N100

Drawing No.
3-9330

325402 XX

WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO.	DEVICE PLUG DDC 25 P COWER HARTING PIN NO.	DEVICE PLUG DDC 25 P COWER HARTING PIN NO.
01				1	
02				14	
03	TDA			2	
04	TCL			15	
05	RDA			3	
06				16	
07	RTS			4	
08	RCL			17	
09	RFS			5	
10				18	
11	DSR			6	
12				19	
13	GND			7	
14	DTR			20	
15	SD			8	
16				21	
17				9	
18				22	
19				10	
20				23	
21				11	
22				24	
23				12	
24				25	
25				13	
26					
27					
28	TxCB			NC	17
29	TxCA			NC	5
30	TB			14	16
31	TA			2	4
32	TxCB (CB)			15	18
33	TxCA (CA)			3	6
34	RB			16	14
35	RA			4	2
36	TxCB (IB)			17	NC
37	TxCA (IA)			5	NC
38	RxCB (SA)			18	15
39	RxCA (SB)			6	3
40	RFS			NC	22
41	ROTS			NC	10
42	DSR			NC	23
43	H			NC	11
44	SD			NC	24
45				NC	
46	RFS			22	
47	ROTS			10	
48	DSR			23	
49	H			11	
50	SD			24	
51					
52					
53					
54					
55					
56					
57					
58					
59					
60					
61					
62					
63					
64					

INTERNAL CABLE TYPE :
 EXTERNAL CABLE TYPE 1: 12 pair round cable with screen
 EXTERNAL CABLE TYPE 2:
 EXTERNAL CABLE TYPE 3:
 EXTERNAL CABLE TYPE 4:

Drawn by HO/kha	Remarks B-connector 3015	Replacement for	Date
Approved		Replaced by	Date
Date 28.6.79			

NORSK DATA A.S

Title

Cabl Ext Freest. FL ND 360 N100

Drawing No.

3-9352 B

325403 XX

Wire No.	Signal	Polarity	Function	2x25 D-CONNECTOR Pin No.	42 PINS BURNDY Pin No.
01			c1	1	
02			a1	14	
03	GND		c2	2	X
04	LDADR	0	a2	15	V
05	GND		c3	3	VV
06	LDIFF	0	a3	16	TT
07	GND		c4	4	AA
08	TDIR	0	a4	17	Y
09	GND		c5	5	UU
10	LSECT	0	a5	18	SS
11	GND		c6	6	BB
12	TREQ	0	a6	19	Z
13	GND		c7	7	KK
14	TGRANT	0	a7	20	HH
15	GND		c8	8	LL
16	GSENS	0	a8	21	JJ
17	GND		c9	9	PP
18	GSTAT	0	a9	22	MM
19	GND		c10	10	EE
20	DINT	0	a10	23	CC
21	GND		c11	11	FF
22	DBUSY	0	a11	24	DD
23	GND		c12	12	RR
24	LCOM	0	a12	25	NN
25	GND		c13	13	S
26	TBUSY 0	0	a13	1	P
27	GND		c14	14	T
28	TBUSY 1	0	a14	2	R
29	GND		c15	15	M
30	TBUSY 2	0	a15	3	K
31	GND		c16	16	N
32	TBUSY 3	0	a16	4	L
33	GND		c17	17	H
34	TBUSY 4	0	a17	5	E
35	GND		c18	18	J
36	TBUSY 5	0	a18	6	F
37	GND		c19	19	C
38	TBUSY 6	0	a19	7	A
39	GND		c20	20	D
40	TBUSY 7	0	a20	8	B
41	GND		c21	21	W
42	RESET	0	a21	9	U
43	GND		c22	22	
44	OPT.INPUT	0	a22	10	
45			c23	23	
46			a23	11	
47			c24	24	
48			a24	12	
49			c25	25	
50			a25	13	
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INTERNAL CABLE TYPE 1 : 50 wire flat cable
 EXTERNAL CABLE TYPE 1: 20 pairs twisted with shield
 EXTERNAL CABLE TYPE 2:
 EXTERNAL CABLE TYPE 3:
 INTERNAL CABLE TYPE 4:

Drawn by	SEJ	Remarks	Replacement for	Date
Approved			Replaced by	Date
Date	21.05.80			
A-CONNECTOR ON 3010				

WIRE NO.	SIGNAL	POLARITY	PLUG BERG	EUROPLUG NORD-100	PLUG PANEL 2x37 pin plug connection	D.P. SIGNAL	AMP
01	LP0		BERG 95	a20	1	BIT 1	E
	GND		BERG 94	c20	20	RET.	F
02	LP1		BERG 93	a19	2	BIT 2	H
	GND		BERG 92	c19	21	RET.	J
03	LP2		BERG 91	a18	3	BIT 3	K
	GND		BERG 90	c18	22	RET.	L
04	LP3		BERG 89	a17	4	BIT 4	M
	GND		BERG 88	c17	23	RET.	N
05	LP4		BERG 87	a16	5	BIT 5	P
	GND		BERG 86	c16	24	RET.	R
06	LP5		BERG 85	a15	6	BIT 6	S
	GND		BERG 84	c15	25	RET.	T
07	LCB		BERG 83	a14	7	CONT. BIT	a
	GND		BERG 82	c14	26	RET.	b
08	CHREQ		BERG 81	a13	8	CHAR. REQ.	C
	GND		BERG 80	c13	27	RET.	D
09	LSTROB		BERG 79	a12	9	DATA STROBE	A
	GND		BERG 78	c12	28	RET.	B
10			BERG 77	a11	10		
			BERG 76	c11	29		
11	READY		BERG 75	a10	11	READY	h
	GND		BERG 74	c10	30	RET.	j
12	IMCP		BERG 73	a 9	12	MASTER CLEAR	n
	GND		BERG 72	c 9	31	PET	p
13			BERG 71	a 8	13		
			BERG 70	c 8	32		
14	LP 6		BERG 69	a 7	14	BIT 7	U
	GND		BERG 68	c 7	33	RET.	V
15			BERG 67	a 6	15		
			BERG 66	c 6	34		
16			BERG 65	a 5	16		
			BERG 64	c 5	35		
17			BERG 63	a 4	17		
			BERG 62	c 4	36		
18			BERG 61	a 3	18		
			BERG 60	c 3	37		
19			BERG 59	a 2	1		
			BERG 58	c 2	20		
20			BERG 57	a 1	2		
			BERG 56	c 1	21		
21			BERG 55		3		
			BERG 54		22		

DRAWN BY HQ/kha
 APPROVED BY _____
 DATE 15.10.80

Remarks
 PLUG DATA PRINTER SIDE:
 AMP - MALE - 201358/1 (HENACO)
 P74-41

Replacement for	Date
Replaced by	Date

WIRE NO.	SIGNAL		PLUG BERG (CPU POS)	BURNDY	AMP.	D. P. SIGNAL
01	LP 0		95	A	E	BIT 1
	GND		94	C	F	RET.
02	LP 1		93	B	H	BIT 2
	GND		92	D	J	RET.
03	LP 2		91	F	K	BIT 3
	GND		90	H	L	RET.
04	LP 3		89	F	M	BIT 4
	GND		88	J	N	RET.
05	LP 4		87	K	P	BIT 5
	GND		86	M	R	RET
06	LP 5		85	L	S	BIT 6
	GND		84	N	T	RET
07	LCB		83	P	a	CONTROL BIT
	GND		82	S	b	RET
08	CHREQ		81	R	C	CHAR. REQ
	GND		80	T	D	RET
09	LSTROB		79	U	A	DATA STROBE
	GND		78	W	B	RET
10	READY		75	Y	h	READY
	GND		74	AA	j	RET
11	LMCP		73	Z	n	MASTER CLEA
	GND		72	BB	p	RET
12	LP 6	22.24	69	DD	u	BIT 7
	GND	22.24	68	FF	V	RET
13						
14						
15						
16						
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18						
19						
20						

DRAWN BY <u>PL/ma</u>	Remarks PLUG DATA PRINTER PAGE AMP - MALE - 201358/1 (HENACC) p74-41	Replacement for	Date
APPROVED BY		Replaced by	Date
DATE 26.08.80			

A/S NORSK DATA-
ELEKTRONIKK

Title

CABL EXT LP 3-900L 938X
N10

Drawing no.

325406 XX

NO.	SIGNAL	POLARITY	PLUG BERG (CPU POS.)	PLUG BURNDY	PLUG AMP.
1	LP1	0	BERG 95	A	1
	GND		" 94	C	2
2	LP2	0	" 93	B	3
	GND		" 92	D	4
3	LP3	0	" 91	E	5
	GND		" 90	H	6
4	LP4	0	" 89	F	7
	GND		" 88	J	8
5	LP5	0	" 87	K	9
	GND		" 86	M	15
6	LP6	0	" 85	L	14
	GND		" 84	N	13
7	LP7	0	" 83	P	12
	GND		" 82	S	11
8	LP9	0	" 81	R	31
	GND		" 80	T	32
9	LP8	0	" 79	U	10
	GND		" 78	W	16
10	LMC	0	" 77	V	25
	GND		" 76	X	26
11	LSTROB	0	" 75	Y	17
	GND		" 74	AA	18
12	LACK	0	" 73	Z	19
	GND		" 72	BB	20
13	LBUSY	1	" 71	CC	23
	GND		" 70	EE	24
14	LREADY	0	" 69	DD	21
	GND		" 68	FF	22
15	LOOP	0	" 67	HH	27
	GND		" 66	KK	28
16	LCP	1	" 65	JJ	30
	GND		" 64	LL	33
17	LBDO	1	" 63	MM	36
	GND		" 62	PP	37
18	LBD1	1	" 61	NN	34
	GND		" 60	RR	35
19			" 59	SS	
			" 58	UU	
20			" 57	TT	
			" 56	VV	

DRAWN BY RI/em1

Remarks

Replacement for

Date

APPROVED BY

Replaced by

Date

DATE 13/4/77

NORSK DATA A.S

Title
CABL EXT PERT.MT-A N-100

Drawing No.
3-9339

325407 XX page 1 of 2

WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO.	PER SPACE 37 PIN "D" CONNECTOR PIN NO.	DEVICE PING 42 PIN BURNDY PIN NO.	M-T ADAPTER BOARD
01	TADO	0		1	JJ	A1
02	GND			20	LL	A2
03	FAD	0		2	HH	B1
04	GND			21	KK	B2
05	TAD1	0		3	MM	B3
06	GND			22	PP	B2
07	GO	0		4	F	A3
08	GND			23	J	A2
09	THR2, LWD	0		5	L	B9, B13
10	GND			24	N	B8, B11
11	OFL	0		6	B	A12
12	GND			25	D	A11
13	REW	0		7	K	B12
14	GND			26	M	B11
15	FEN	0		8	A	A13
16	GND			27	C	A14
17	DAO, W0	0		9	DD	B16
18	GND			28	FF	B17
19	DA1, W1	0		10	CC	A16
20	GND			29	EE	A17
21	REV, W2	0		11	Z	B4, B18
22	GND			30	BB	B5, B17
23	WRT, W3	0		12	Y	A4, A18
24	GND			31	AA	A5, A17
25	ERASC, W4	0		13	V	B7, B19
26	GND			32	X	B8, B20
27	WFM, W5	0		14	U	B6, A19
28	GND			33	W	B5, A20
29	ONL	0		15	SS	A27
30	GND			34	UU	A26
31	EDIT, W6	0		16	R	A6, B21
32	GND			35	T	A5, B20
33	PAR, W7	0		17	P	B10, A21
34	GND			36	S	B11, A20
35	FPT	0		18	TT	A28
36	GND			37	VV	A29
37	LDP	0		19	NN	B30
38	GND			37	RR	B32
39						
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INTERNAL CABLE TYPE : Ref. drawing 3-9312
 EXTERNAL CABLE TYPE 1: Ref. drawing 3-9340
 EXTERNAL CABLE TYPE 2: Shield 19 twisted pairs
 EXTERNAL CABLE TYPE 3:
 EXTERNAL CABLE TYPE 4:
 325407 consist of 2 cables strapped together

Drawn by SEJ	Remarks MTA-CABLE N-100 Shield to be inconncted in both ends.	Replacement for 3-9312	Date 14.06.79
Approved		Replaced by	Date
Date 21.08.79			

NORSK DATA A.S

Title
CABL EXT PERT.MT-B N-100

Drawing No.
3-9340

325407 XX page 2 of 2

WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO.	PLUG/PANEL 37 PIN "D" CONNECTOR PIN NO.	DEVICE PLUG 42 PIN BURNDY PIN NO.	M-T ADAPTER BOARD
01	DBY	0		1	CC	A22
02	GND			20	EE	A23
03	FBY	0		2	Z	B22
04	GND			21	BB	B23
05	HER	0		3	TT	A24
06	GND			22	VV	A23
07	CCG	0		4	A	B24
08	GND			23	C	B23
09	FMK	0		5	JJ	A25
10	GND			24	LL	A26
11	CER	0		6	SS	B25
12	GND			25	UU	B26
13	RDY	0		7	HH	B27
14	GND			26	KK	B26
15	EOT	0		8	DD	A30
16	GND			27	FF	A32
17	WSTR	0		9	V	A34
18	GND			28	X	A35
19	RSTR	0		10	Y	B36
20	GND			29	AA	B35
21	R 0	0		11	B	B37
22	GND			30	D	B38
23	R 1	0		12	E	A37
24	GND			31	H	A38
25	R 2	0		13	F	B39
26	GND			32	J	B38
27	R 3	0		14	K	A39
28	GND			33	M	A38
29	R 4	0		15	L	B40
30	GND			34	N	B41
31	R 5	0		16	P	A40
32	GND			35	S	A41
33	R 6	0		17	R	B42
34	GND			36	T	B41
35	R 7	0		18	U	A42
36	GND			37	W	A41
37				19		
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INTERNAL CABLE TYPE : Ref. drawing 3-9312
 EXTERNAL CABLE TYPE 1: Shielded 18 twisted pairs
 EXTERNAL CABLE TYPE 2: Ref. drawing 3-0339
 EXTERNAL CABLE TYPE 3:
 EXTERNAL CABLE TYPE 4:

325407 consist of 2 cables strapped together

Drawn by SEJ	Remarks MTB-CABLE N-100 Shield to be connected in both ends.	Replacement for 3-9312	Date 14.06.79
Approved		Replaced by	Date
Date 21.08.79			

CABL EXT HAWK DISK N100
EXTERNAL CABLE A

WIRE NO.	SIGNAL	POLARITY	PLUGPANEL 37 PIN "D" CONNECTOR PIN NO.	DEVICE PLUG ELCO 8016 090 PIN NO.
01	GND		1	N
02	GND		20	CM
03	USB2	0	2	CD
04	GND		21	BK
05	SEEK ERROR	0	3	BJ
06	GND		22	S
07	TA7	0	4	T
08	GND		23	AF
09	DHS 1	0	5	AE
10	GND		24	AB
11	DRT7	0	6	AA
12	GND		25	CU
13	USB16	0	7	CL
14	GND		26	F
15	TAL	0	8	E
16	GND		27	B
17	DTAS	0	9	A
18	GND		28	CX
19	TERMQN	1	10	CW
20	GND		29	CS
21	USB8	0	11	CR
22	GND		30	CP
23	USB4	0	12	CN
24	GND		31	BH
25	FAULT	0	13	BB
26	GND		32	AN
27	DWG	0	14	AM
28	GND		33	X
29	TAB	0	15	R
30	GND		34	CK
31	USB1	0	16	CJ
32	GND		35	AD
33	DHS0	0	17	AC
34	GND		36	BP
35	INDEX	0	18	BF
36	GND		37	N
37	TA4	0	19	M
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INTERNAL CABLE TYPE : Ref. drawing 3-9323
 EXTERNAL CABLE TYPE 1: Shielded 18 twisted pairs
 EXTERNAL CABLE TYPE 2: Ref. drawing 3-9342
 EXTERNAL CABLE TYPE 3:
 EXTERNAL CABLE TYPE 4:
 * 10 MB DISC EXTERNAL CABLE A&B TO BE CONNECTED IN SAME ELCO HOUSING.

Drawn by SEJ	Remarks DA-CABLE SHIELD TO BE CONNETED IN BOTH ENDS.	Replacement for	Date
Approved		Replaced by	Date
Date 21.08.79			

NORSK DATA A.S

Title
CABL EXT ND845 N-100 25PIN

Drawing No.
3 - 9390 B
325410

WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO.	COMPUTER END EXT. CABLE MALE COWER HARTING 25 P	DEVICE PLUG HARTING COWER 25 P MALE PIN NO.
01				1	1
02				14	14
03				2	2
04				15	15
05				3	3
06				16	16
07				4	4
08				17	17
09				5	5
10				18	18
11				6	6
12				19	19
13				7	7
14				20	20
15				8	8
16				21	21
17				9	9
18				22	22
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INTERNAL CABLE TYPE:
 EXTERNAL CABLE TYPE 1: 12 PAIR SHIELDED ROUND CABLE
 EXTERNAL CABLE TYPE 2:
 EXTERNAL CABLE TYPE 3:
 EXTERNAL CABLE TYPE 4:

IN BOTH END OF EXTERNAL CABLE IS SHIELD CONNECTED TO AN EARTH STRAP WITH FASTON

Drawn by NJN/ma	Remarks DEVICE = ND 845 , MFC SWITCH Equipment that need up to 16 signals	Replacement for	Date
Approved		Replaced by	Date
Date 27.5.82			

NORSK DATA A.S Oslo, Norway	Title CABL EXT ND 845 N100 37P	Drawing no. 4 - 9453	
		325411 XX	

WIRE NO.	SIGNAL	Polarity	EUROPLUG	COMPUTER	DEVICE PLUG
				END 37 F COWER HARTING PIN NO	25 P COWER HARTING PIN NO
01				1 20	1 14
02				2 21	2 15
03				3 22	3 16
04				4 23	4 17
05				5 24	5 18
06				6 25	6 19
07				7 26	7 20
08				8 27	8 21
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INTERNAL CABLE TYPE:
 EXTERNAL CABLE TYPE 1: 12 pair shielded round cable
 EXTERNAL CABLE TYPE 2:
 EXTERNAL CABLE TYPE 3:
 EXTERNAL CABLE TYPE 4:

In both end of external
 cable is shield connecte
 to an earth strap with
 Faston.

DRAWN BY NJN/ma APPROVED BY _____ DATE 6.10.80	Remarks DEVICE ND 845	Replacement for _____ Replaced by _____	Date _____ Date _____
------------------------------------------------------	--------------------------	--------------------------------------------	--------------------------

NORSK DATA A.S

Title
CABL EXT ND 845 N10 42P

Drawing No.

3- 9392
325412 XX

WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO	PLUG PANEL 42 pin PIN NO.	DEVICE PLUG 25 P COWER HARTING PIN NO.		
01				A	1		
02				C	14		
03				B	2		
04				D	15		
05				E	3		
06				H	16		
07				F	4		
08				J	17		
09				K	5		
10				M	18		
11				L	6		
12				N	19		
13				P	7		
14				S	20		
15				R	8		
16				T	21		
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INTERNAL CABLE TYPE :
 EXTERNAL CABLE TYPE 1: 12 PAIR SHIELDED ROUND CABLE
 EXTERNAL CABLE TYPE 2:
 EXTERNAL CABLE TYPE 3:
 EXTERNAL CABLE TYPE 4:

IN BOTH END OF EXTERNAL CABLE IS SHIELD CONNECTED TO AN EARTH STRAP WITH FASTON.

Drawn by NJN/ma	Remarks DEVICE ND 845	Replacement for	Date
Approved		Replaced by	Date
Date 6.10.80			

NORSK DATA A.S

Title

CABL EXT MEGALINK N100 - N10S

Drawn by No

3-9554

325414 XX

WIRE NO.	SIGNAL	FOUR WIRE	TERMINAL	DEVICE PLUG DDC 25 P COWE HARKING	DEVIATION BURNDY N-10S PIN NO.
01				1	
02				14	
03	TDA			2	
04	TCL			15	
05	RDA			3	
06				16	
07	RTS			4	
08	RCL			17	
09	RFS			5	
10				18	
11	DSR			6	
12				19	
13	GND			7	
14	DTR			20	
15	SD			8	
16				21	
17				9	
18	RI			22	
19				10	
20				23	
21				11	
22				24	
23				12	
24				25	
25				13	
26					
27					
28					
29				1	
30	TB			14	C
31	TA			2	A
32	TxCB (CB)			15	D
33	TxCA (CA)			3	B
34	RB			16	F
35	RA			4	J
36	TxCB (IB)			17	T
37	TxCA (IA)			5	R
38	RxCB (SA)			18	K
39	RxCB (SB)			6	M
40	TxCB (BB)			19	E
41	TxCA (BA)			7	H
42					
43	SIGNAL GND			NC	
44	HIGH			8	W]
45				NC	N]
46				NC	
47	RFS				
48	RQTS				
49	DSR				
50	H				
51	SD				
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EXTERNAL CABLE TYPE 1:
 EXTERNAL CABLE TYPE 1: 6 pair round cable with screen
 EXTERNAL CABLE TYPE 2:
 EXTERNAL CABLE TYPE 3:
 EXTERNAL CABLE TYPE 4:

Shield is connected to an earth strap in both ends of cable.

Drawn by HO/ma	Remarks B-connector 3015	Replacement for	Date
Approved		Replaced by	Date
Date 8.6.82			

NORSK DATA A.S	Title CABLE EXT. LINE SPLIT MFC SW. TO O	Drawing No. 3-9573 325 422 XX
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WIRE NO.	SIGNAL	POLARITY	COLOUR CODE	PLUG 37 P MFC PLUG CONNECTOR PIN NO.	PLUG NO.			
01	TX +		BLACK	1	1 } 2 } 3 } 4 } 5 } 6 } 7 } 8 } 1 } 2 } 3 } 4 } 5 } 6 } 7 } 8 }			
02	TX -		BLUE	20				
03	TX +		BLACK	2				
04	TX -		ORANGE	21				
05	TX +		BLACK	3				
06	TX -		GREEN	22				
07	TX +		BLACK	4				
08	TX -		BROWN	23				
09	TX +		BLACK	5			SAME POINT SAME PLUG	
10	TX -		GREY	24				
11	TX +		BLUE	6				
12	TX -		WHITE	25				
13	TX +		BLUE	7				
14	TX -		ORANGE	26				
15	TX +		BLUE	8				
16	TX -		GREEN	27				
17	RX +		BLUE	9				
18	RX -		BROWN	28				
19	RX +		BLUE	10				
20	RX -		GREY	29				
21	RX +		ORANGE	11				
22	RX -		WHITE	30				
23	RX +		ORANGE	12				
24	RX -		GREEN	31				
25	RX +		ORANGE	13				
26	RX -		BROWN	32				
27	RX +		ORANGE	14				
28	RX -		BLUE	33				
29	RX +		GREEN	15				
30	RX -		WHITE	34				
31	RX +		GREEN	16				
32	RX -		BROWN	35				
33								
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INTERNAL CABLE TYPE: In 37P end of cable, shielded connected to an earth Faston

EXTERNAL CABLE TYPE 1: 21 pairs round cable

EXTERNAL CABLE TYPE 2:

EXTERNAL CABLE TYPE 3:

EXTERNAL CABLE TYPE 4:

Drawn by HO/ma	Remarks COVER HARTING FOR PLUG 37	Replacement for	Date
Approved		Replaced by	Date
Date 25.04.83			

NORSK DATA A.S

Title

CABLE EXT LINE SPLIT V24 MFC TO O

Drawing No.

3-9571

325 423 XX

WIRE NO.	SIGNAL	POLARITY	COLOUR CODE FOR 21 PAIR ROUND CABLE	SW.CABINET PLUGPANEL 37P PLUG CON-NECTOR PIN NO.	PLUG NO
01	TXD		BLACK	1	1
02	RXD		BLUE	9	
03	RTS		BLACK	20	
04	RFS		ORANGE	28	
05	DSR		BLACK	29	
06	GND		GREEN	11	2
07	SIGN.DET		BLACK	10	
08	DTR		BROWN	2	
09	TXD		BLACK	21	
10	RXD		GREY	30	
11	RTS		BLUE	3	3
12	RFS		WHITE	12	
13	DSR		BLIE	13	
14	GND		ORANGE	32	
15	SIGN.DET		BLUE	31	
16	DTR		GREEN	22	4
17	TXD		BLUE	4	
18	RXD		BROWN	14	
19	RTS		BLUE	23	
20	RFS		GREY	33	
21	DSR		ORANGE	34	
22	GND		WHITE	16	
23	SIGN.DET		ORANGE	15	
24	DTR		GREEN	5	
25	TXD		ORANGE	24	
26	RXD		BROWN	35	
27	RTS		ORANGE	6	
28	RFS		BLUE	17	
29	DSR		GREEN	18	
30	GND		WHITE	37	
31	SIGN.DET		GREEN	36	
32	DTR		BROWN	25	
33					
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INTERNAL CABLE TYPE:

EXTERNAL CABLE TYPE 1: 21 PAIRS ROUND CABLE

In 37P end of cable, shielded connected to an earth Faston

EXTERNAL CABLE TYPE 2:

EXTERNAL CABLE TYPE 3:

EXTERNAL CABLE TYPE 4:

Drawn by HO/ma	Remarks COVER HARTING FOR PLUG 37	Replacement for	Date
Approved		Replaced by	Date
Date 26.04.83			

STANDARD V.24(RS-232c) CABLES BETWEEN NORD AND DEVICES.

Cable specification ND-100 to local devices.

SIGNAL NAME AND DIRECTION	INTERFACE ND.NO		DEVICES (continued).				
	ND 271 ND 272		ND271/272 Computer link	ND 711 Computer link	NTB V24	ND 298/99 Simex Treminal	ND 235 Dataprod. DP 55
PLUG	25 P		25 P	Burndy/42	8 P NTB	25 S	25 P
COVER	Harting		Harting			Amp	Modem
Screen	Faston		Faston			1	1
TXD -->	2		3	K	NC	3	3
RXD <--	3		2	A	3	2	2
RTS -->	4		NC	NC	NC	NC	NC
RFS <--	5		NC	NC	NC	NC	19
DSR <--	6		NC	NC	NC	NC	NC
GND ---	7		7	M	4	7	7
DCD <--	8		NC	NC	NC	NC	NC
DTR -->	20		NC	NC	NC	NC	5
XXX -->	NU		NC	NC	NC	NC	NC
Straps in NORD end.			20-8-5	E-J-F	5-8-20	5-6-8-20	20-8
Straps in device end.			20-8-5	E-J-F		4-5-6-8-20	
Part no Drawing	ND 271/272		325424	325425	325416		325420
Part no Drawing							
Flowcontrol method possible in cable.			ND-NET	ND-NET			DTR XON/XOFF

NORSK DATA A.S

Title

INTERNAL CABLE ND - 100

PIOC

Drawing No.

3-9567

322979

WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO.	PLUG PANEL FEMALE EXT. CAB. MALE COVER MAPPING 25 PIN PLUG PIN NO.	DEVICE PLUG PIN NO.	
1	CHASSIS		c 1	1		V1 - B connector
2			a 1	14		V3 - A connector
3	TXD		c 2	2		
4	TXC		a 2	15		Used for
5	RXD		c 3	3		
6			a 3	16		
7	RTS		c 4	4		1 - PIOC TO V-TYPE MODEM
8	RXC		a 4	17		25 PIN "D" (V.24)
9	RFS		c 5	5		- PIOC TO V-DCE
10	UTC		a 5	18		(X.21 bis)
11	DSR		c 6	6		- User defined
12	VLEV		a 6	19		V.24 (RS232c)
13	GND		c 7	7		equipment
14	DTR		a 7	20		
15	SIGN. DET.		c 8	8		
16			a 8	21		
17			c 9	1		
18	TB		a 9	14		X1 - B connector
19	TA		c 10	2		X3 - A connector
20	CB		a 10	15		
21	CA		c 11	3		Used for
22	RB		a 11	16		
23	RA		c 12	4		2 - PIOC TO X-21 M M
24	IA		a 12	17		15 PIN "D"
25	IB		c 13	5		- PIOC computer-
26	SB		a 13	18		link
27	SA		c 14	6		
28	UB		a 14	19		
29	UA		c 15	7		
30	YB		a 15	20		
31	GND		c 16	8		
32	VA		a 16	21		
33	CHASSIS		c 17	1		
34			a 17	14		V2 - B connector
35	TXD		c 18	2		V4 - A connector
36			a 18	15		
37	RXD		c 19	3		Used for
38			a 19	16		
39	RTS		c 20	4		3 - as V1/V3
40			a 20	17		
41	RFS		c 21	5		
42			a 21	18		
43	DSR		c 22	6		
44			a 22	19		
45	GND		c 23	7		
46	DTR		a 23	20		
47	SIGN. DET.		c 24	8		
48			a 24	21		
49	CHASSIS		c 25	1		
50	TB		a 25	14		X2 - B connector
51	TA		c 26	2		X4 - A connector
52	CB		a 26	15		
53	CA		c 27	3		Used for
54	RB		a 27	16		
55	RA		c 28	4		4 - as X1/X3
56	IA		a 28	17		
57	IB		c 29	5		
58	SB		a 29	18		
59	SA		c 30	6		
60	UB		a 30	19		
61	UA		c 31	7		
62	YB		a 31	20		
63	GND		c 32	8		
64	VA		a 32	21		

INTERNAL CABLE TYPE : 64 wire flatcable
 EXTERNAL CABLE TYPE 1: SEE DRAWING NO. 3-9501B
 EXTERNAL CABLE TYPE 2: SEE DRAWING NO. 3-9329C
 EXTERNAL CABLE TYPE 3:
 EXTERNAL CABLE TYPE 4: SEE DRAWING NO. 3-9566

Drawn by HO/me-	Remarks A&B CONNECTOR	Replacement for	Date
Approved		Replaced by	Date
Date 27.5.82			



NORSK DATA A.S

W I R I N G S L I S T

322968/322969	Pertec M-T Controller	Internal Cable N-100	3-9312
322957/322958	Bus Address(N-10 BUS)	Internal Cable N-100	3-9313
322957/322958	Bus Data/Bus Control(N-10)	Internal Cable N-100	3-9314
322976/322977	MPM Data + Control	Internal Cable N-100	3-9315
322976/322977	MPM Address + Control	Internal Cable N-100	3-9316
322868	4. Terminal Interface	Asynchron Modem N-100	3-9317
322978/322979	4. Terminal Interface	N-100	3-9318
322730	4. Terminal Interface	Infoton Display N-100	3-9319
322730	4. Terminal Interface	Decwriter N-100	3-9321
322476	4. Terminal Interface	Tandberg TDV 2115 N-100	3-9322
322970/322971	10 MB Disc 3004	Internal Cable N-100	3-9323
322803	Operator Panel	Console Terminal N-100	3-9324
Ikke struktur	Autoload	Cable for N-100	3-9325
Ikke struktur	HDL C	Internal Cable N-100	3-9326
322966/322967	Floppy Disc	Cable for N-100	3-9327
322870	HDL C Interconn. HDL C -	HDL C Link Ext.cab. N100-N10/S	3-9328C
322872	HDL C to Modem	External Cable for N-100	3-9329B
322871	HDL C Interconn. HDL C -	HDL C Link ext.cab.N100-N100	3-9330
322960/322961	Camac Address	Internal Cable N-100	3-9331
322960/322961	Camac Data/Control	Internal Cable N-100	3-9332
322920	Pertec M-T Controller	External Cable A	3-9339
322920	Pertec M-T Controller	External Cable B	3-9340
322922	10 MB Disc	External Cable A N-100	3-9341
322922	10 MB Disc	External Cable B N-100	3-9342
322461	Direct RS 232C for TDV 21/2215	External Cable for N-100	3-9343B
322875	Floppy Disc	External Cable for N-100	3-9352B
322873	4. Terminal Interface	Tally 1612 N-100 (RS232)	3-9365
322867	4. Terminal Interface	Terminet 340 N-100 RS232	3-9366
Ikke struktur	TDV 2000 Current Loop	External Cable N-100	3-9367
322876/322863	SMD Contr. 3019 A-con	A-Cable (SMR+SMT) for N-100	3-9370
322876/322863 ext. / int.	SMD Data 3018 A-con	B-Cable Unit 0 (SMC0) A-Cable Unit 1 (SMC1)	Internal 3-9371
322876/322863 ext. / int.	SMD Contr. 3018 B-con	B-Cable Unit 2 (SMC2) & Card Communication Cable	Internal 3-9372
322876/322863	SMD Data 3019 B-con	A-Cable Unit 3 (SMC3) & Card Communication Cable	Internal 3-9373
322877	SMC	External Cable N-100	3-9375
322861	Phoenix Disc Cab. "B"	Internal Cable mounted in N-100 Cab.	3-9376
322860	Phoenix Disc Cab. "A"	Internal Cable mounted in N-100 Cab.	3-9377

OBS! Versions B,C etc. indicate an updated list. /2.....



322858/322856 ext. / int.	STC MT Contr. - STC MT	Form. Int.+Ext. Cable N-100	3-9379C
	STC MT Contr. - STC MT	Form. Int.+Ext. Cable N-100	3-9380C
322937	4. Terminal Interface	Cab. Between N100 and KM-1D RS 232	3-9381B
322873	KM-1D - Tally 1612		3-9383
322494	KM-1D - Terminet 340		3-9384 I
322493	KM-1D to KM-1D via terminalopplegg (849-tlx)		3-9386E
322953	Cable N-500/n-100 I/O		3-9387
322866	Megalink Interconn.	External Cable N-100/N-100	3-9388
322986	Pertec Plug Panel 1980		3-9389 E
322923	From N100 to ND 845 for Equipment that need up to 16 signals		3-9390
322927	External Cable from Multiswitch to Sync. Modem		3-9391
322925	From N-10 to ND 845 1:1 for equipment that need up to 16 signals		3-9392
322869	External Cable for N-100 RS 232 Diablo 1640/1650		3-9393
ikke struktur	Adapter form Plug 25P to plug 37S 1:1 for equipment needs up to 16 signals		3-9394
322730	Tally 1602/1612 Current Loop External cable for N-100		3-9395
322985	Pertec FT 9640-98 MT Cab. used with 1980 Adapter		3-9396
322985	Pertec FT 9649-98 MT Cab. used with 1980 Adapter		3-9397
322985	Internal Cable P4-P5 in MT Cab. used with 1980 adapter		3-9398
322803	Operator Panel Console Terminal with RS 232 and Current Loop N-100		3-9399
ikke struktur	HDLC to X-21	External Cable N-100	3-9501
322588	1981 PCB Operator Panel Cable for N-500		3-9502
322468	4. Terminal Interface for N-100 Tandberg TDV 2215		3-9503
ikke struktur	External Cable N-100 RS 232 Tektronix 4663 Plotter		3-9507
ikke struktur	External Cable N-100 RS 232 Omni 800		3-9508
ikke struktur	External Cable N-100 RS 232 Facit 4540		3-9509
ikke struktur	External Cable N-100 RS 232C Tektronix 4006		3-9510B
ikke struktur	Internal Cable Universal DMA for N-100 Cable A		3-9530
ikke struktur	Internal Cable Universal DMA for N-100 Cable B		3-9531
322944	External Cable Epson MX 80 to TDV 2215		3-9534
322943	External Cable Epson MX 80 N-100		3-9535C
322463/322462	Floppy Disc Cable for N-100		3-9536

OBS! Versions B,C etc. indicate an updated list.



325301 XX	4 Terminal Interfaces for N-100 to Philips GP 300 L Printer	3-9557
325300 XX	Cable: KM-1D - Philips GP 300 L	3-9569
325315 XX	Cable Ext. Current Loop N-100 - Facit 4420	3-9570
322979	Internal Cable ND-100 PIOC	3-9567



NORSK DATA A.S

W I R I N G S L I S T

<u>ext. / int.</u>		
322975	16 Bit Digital Output	4-9410
322975	16 Bit Digital Input/Output	4-9411
322885/322975	Documentation Card Reader	4-9412
322975	Programmable Clock 1166	4-9413
322975	Data Product LP	W/Parallell Byte Output 1109 4-9414 B
322975	Centronics LP	W/Parallell Byte Output 1109 4-9415
322975	Loga Box MP	W/Parallell Byte Output 1109 4-9416
322975	CDC Matrix Printer	W/Parallell Byte Output 1109 4-9417
322975	Queme	w/Parallell Byte Output 1109 4-9418
322975	Facit Punch	W/Parallell Byte Output 1109 4-9419
322975	AD Converter	N-10 Standard 4-9420
322975	Prosess Input	4-9421
322975	Prosess Output	4-9422
322717/322975	Synchronous Modem	4-9428
322975	Tally Matrix Printer	4-9429
322975	Calcomp Plotter	4-9430
322878/322975	CDC Line Printer	4-9431
322478/322975	Digitronics Tape Reader Device Plug	4-9432
322479/322975	Facit 4070	Device Plug 4-9433
322975	16 Bit Digital Input	4-9434
322938	External Cable SMC 1:1	4-9438
322849/322975	Terminet 340 1095 Mod. Current Loop	4-9440
322941	Adapter from Ansley to Burndy Plug N100 Main I/O Bus Control	4-9441
322942	Adapter from Ansley to Burndy Plug N100 Main I/O Bus Data	4-9443
322940	Adapter from Ansley to Burndy Plug N100 Main I/O Bus Address	4-9444
322879/322975	CDC Data Printer	1047 Card used on 3009 card 4-9445D
322874/322975	Terminet 310/320/330/340 Buffered Parallell w/parallell byte output 1109 used on 3009 card	4-9446
322919	Tandberg TDV 21/2215	Asynchronous Modem 4-9447B
322713	TTY w/Telexplug (TWX)	TDV 2115 w/Telexplug (2115WX) 4-9448B
322864	NTB Teleprinter Interface Device Cable with 1-4 plug modified 3013 Card	4-9449B
322865	NTB Teleprinter Interface Device Cable with 3-4 plug modified 3013 Card	4-9450
ikke struktur	Connection between Eurobus 3008 card A connector and N10-I/O Mainbus Address used in 11 moduls cabinet.	4-9451
ikke struktur	Connection between Eurobus 3008 card B connector and N10-I/O Mainbus Data and Control used in 11 mod. cab.	4-9452B



NORSK DATA A.S

Side 2.

W I R I N G S L I S T

. / int.

322924/322975	External Cable N-100 to Multiswitch ND 845	4-9453
322778	Connection between 1964 and 4 pos. Key Switch	4-9455
322778	Nord-100 Key Switch Connection	4-9456
322483	TTY w/Telexplug (TWX) TDV 2215 w/Telexplug (2215WX)	4-9457B
	Process-Watchdog 1113 card used on 3009 card	4-9460
325316 XX	TTY W/TELEXPUG (TWX) TO FACIT 4420	4-9464

NORSK DATA A.S

Title
CABL. INT. DMA/ADDR. EXTENDER
N-10 TO N-100

Drawing No.
322844

WIRE NO	SIGNAL	POLARITY	EUROPLUG PIN NO	CARD 1096 PLUG 1 3M 3307	CARD 1153 PLUG 2 3M 3307
01	MAL 15	0	c 1	95	
02	MAL 15	1	a 1	94	
03	MAL 14	0	c 2	93	
04	MAL 14	1	a 2	92	
05	MAL 13	0	c 3	91	
06	MAL 13	1	a 3	90	
07	MAL 12	0	c 4	89	
08	MAL 12	1	a 4	88	
09	MAL 11	0	c 5	87	
10	MAL 11	1	a 5	86	
11	MAL 10	0	c 6	85	
12	MAL 10	1	a 6	84	
13	MAL 9	0	c 7	83	
14	MAL 9	1	a 7	82	
15	MAL 8	0	c 8	81	
16	MAL 8	1	a 8	80	
17	MAL 7	0	c 9	79	
18	MAL 7	1	a 9	78	
19	MAL 6	0	c 10	77	
20	MAL 6	1	a 10	76	
21	MAL 5	0	c 11	75	
22	MAL 5	1	a 11	74	
23	MAL 4	0	c 12	73	
24	MAL 4	1	a 12	72	
25	MAL 3	0	c 13	71	
26	MAL 3	1	a 13	70	
27	MAL 2	0	c 14	69	
28	MAL 2	1	a 14	68	
29	MAL 1	0	c 15	67	
30	MAL 1	1	a 15	66	
31	MAL 0	0	c 16	65	
32	MAL 0	1	a 16	64	
33	MAL 17	0	c 17		95
34	MAL 17	1	a 17		94
35	MAL 16	0	c 18		93
36	MAL 16	1	a 18		92
37	MWRITE	0	c 19		91
38	MWRITE	1	a 19		90
39	MPEO	0	c 20		89
40	MPEO	1	a 20		88
41	MAL 18	0	c 21		87
42	MAL 18	1	a 21		86
43	MAL 19	0	c 22		85
44	MAL 19	1	a 22		84
45	MAL 20	0	c 23		83
46	MAL 20	1	a 23		82
47	MAL 21	0	c 24		81
48	MAL 21	1	a 24		80
49	MAL 22	0	c 25		79
50	MAL 22	1	a 25		78
51	MAL 23	0	c 26		77
52	MAL 23	1	a 26		76
53			c 27		75
54			a 27		74
55			c 28		73
56	WE	0	a 28		NC
57			c 29		NC
58	AC 16	0	a 29		NC
59			c 30		69
60			a 30		68
61			c 31		67
62			a 31		66
63			c 32		65
64			a 32		64

INTERNAL CABLE TYPE : 64 WIRE FLATCABLE
 EXTERNAL CABLE TYPE 1:
 EXTERNAL CABLE TYPE 2:
 EXTERNAL CABLE TYPE 3:
 EXTERNAL CABLE TYPE 4:

Drawn by HO/ma	Remarks Changed the card number from 1098 to 1096 26.0184 LB	Replacement for	Date
Approved		Replaced by	Date
Date 07.11.83			

NORSK DATA A.S

Title
INTERNAL CABLE N-100
CAMAC DATA / CAMAC CONTROL

Drawing No.
3-9332

WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO.	PLUGPANEL 2x37 PIN "D" CONNECTOR PIN NO.	DEVICE PLUG 132 PIN PIN NO.	DEVICE PLUG 88 PIN PIN NO.
01	MBD 0	1	c 1	1	1	1
02	MBD 0	0	a 1	20	41	2
03	MBD 1	1	c 2	2	2	3
04	MBD 1	0	a 2	21	23	4
05	MBD 2	1	c 3	3	3	5
06	MBD 2	0	a 3	22	24	6
07	MBD 3	1	c 4	4	4	7
08	MBD 3	0	a 4	23	25	8
09	MBD 4	1	c 5	5	5	9
10	MBD 4	0	a 5	24	26	10
11	MBD 5	1	c 6	6	6	11
12	MBD 5	0	a 6	25	27	12
13	MBD 6	1	c 7	7	7	13
14	MBD 6	0	a 7	26	28	14
15	MBD 7	1	c 8	8	8	15
16	MBD 7	0	a 8	27	29	16
17	MBD 8	1	c 9	9	9	17
18	MBD 8	0	a 9	28	30	18
19	MBD 9	1	c 10	10	10	19
20	MBD 9	0	a 10	29	31	20
21	MBD 10	1	c 11	11	12	21
22	MBD 10	0	a 11	30	11	22
23	MBD 11	1	c 12	12	13	23
24	MBD 11	0	a 12	31	32	24
25	MBD 12	1	c 13	13	14	25
26	MBD 12	0	a 13	32	33	26
27	MBD 13	1	c 14	14	15	27
28	MBD 13	0	a 14	33	34	28
29	MBD 14	1	c 15	15	16	29
30	MBD 14	0	a 15	34	35	30
31	MBD 15	1	c 16	16	17	31
32	MBD 15	0	a 16	35	36	32
33			c 17			
34			a 17			
35			c 18			
36			a 18			
37			c 19			
38			a 19			
39	MINPUT	0	c 20	1	94	78
40	MINPUT	1	a 20	20	77	77
41	MCONNECT	0	c 21	2	93	72
42	MCONNECT	1	a 21	21	76	71
43	MREQ	0	c 22	3	95	74
44	MREQ	1	a 22	22	78	73
45	MINT 15	0	c 23	4		
46	MINT 15	1	a 23	23		
47	MINT 13	0	c 24	5	100	86
48	MINT 13	1	a 24	24	83	85
49	MINT 12	0	c 25	6	99	84
50	MINT 12	1	a 25	25	82	83
51	MINT 11	0	c 26	7	98	82
52	MINT 11	1	a 26	26	81	81
53	MINT 10	0	c 27	8	97	80
54	MINT 10	1	a 27	27	80	79
55	IDENTL	1	c 28	9	56	67
56	IDENTL	0	a 28	28	73	68
57	MIOXE	1	c 29	10	55	65
58	MIOXE	0	a 29	29	72	66
59	GRANTL	1	c 30	11	57	69
60	GRANTL	0	a 30	30	74	70
61	MCLL	1	c 31	12	84	87
62	MCLL	0	a 31	31	103	88
63	DRYL	1	c 32	13	79	75
64	DRYL	0	a 32	32	96	76

INTERNAL CABLE TYPE : 64 wire Flatcable
1: Data
2: Control

Drawn by HO/kha	Remarks B-connector on 3008	Replacement for	Date
Approved		Replaced by	Date
Date 29.6.79			

NORSK DATA A.S	Title	Drawing No.
	EXTERNAL CABLE FOR N-100 TDV 2000 CURRENT LOOP	3-9367

WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO.	COMPUTER END PLUG 25 PIN COVER HARTING PIN NO.	DEVICE PLUG PIN 25 S COVER MODEM PIN NO.
01	CHASSIS			1	
02				* 14, 19	
03	TXD			2	
04	11+			15	1
05	RXD			3	
06	12-			16	17
07	RTS			4	
08	01+			17	2
09	RFS			5	
10	02-			18	15
11	DSR			6	
12				* 19, 14	
13	GND			7	
14	DTR			20	
15	SIGN, DET.			8	
16				21	
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INTERNAL CABLE TYPE :
EXTERNAL CABLE TYPE : 4 pair shielded round cable

Strap in device plug:
3 - 12 - 25
5 - 6 - 22
21 - 24

Pin 20 in the device plug is connected to cable. shield.
In the computer end of the external cable the shield is connected to an earth strap with faston.
Male plug in computer end of cable

* Strap in external cable.

Drawn by	TF/ho	Remarks SHIELDED CONNECTOR IN COMPUTER END	Replacement for	Date
Approved			Replaced by	Date
Date	13.12.79			

NORSK DATA A.S	Title INTERNAL CABLE "B" FOR PHOENIX DISC MOUNTED IN NORD-100 CABINET	Drawing No. 3-9376

WIRE NO.	SIGNAL	POLARITY	PLUG BERG 65043-024 (26 PIN)	PLUG AMP (A-MP201357-1) P 72-52
01	WDL	1	20	B
02	WDL	0	8	A
03	WRCL	1	19	J
04	WRCL	0	6	H
05	SERCL	1	14	N
06	SERCL	0	2	M
07	RDDL	1	16	V
08	RDDL	0	3	U
09	RCL	1	17	X
10	RCL	0	5	W
11	SEEKEL	1	23	CC
12	SEEKEL	0	10	AA
13	USL	1	9	BB
14	USL	0	22	DD
15	SECTL	1	26	FF
16	SECTL	0	13	JJ
17	INDEXL	1	24	EE
18	INDEXL	0	12	HH
19	GND		1	D
20	GND		4	E
21	GND		7	K
22	GND		11	T
23	GND		15	Y
24	GND		18	NOT USED
25	GND		21	NOT USED
26	GND		25	NOT USED
27				
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INTERNAL CABLE TYPE : 26 wire twist and flat
EXTERNAL CABLE TYPE 1:
EXTERNAL CABLE TYPE 2:
EXTERNAL CABLE TYPE 3:
EXTERNAL CABLE TYPE 4:

Drawn by HO/kha	Remarks	Replacement for	Date
Approved		Replaced by	Date
Date 16.01.80			

NORSK DATA A.S

Title
INTERNAL CABLE "A" FOR PHOENIX DISC
MOUNTED IN NORD-100 CABINET

Drawing No.
3-9377

WIRE NO.	SIGNAL	POLARITY	PLUG BERG 65043-007 (60 PIN)	PLUG AMP (A-MP 201310-1) P 73-26
01	TAG1L	1	31	49
02	TAG1L	0	1	46
03	TAG2L	1	32	51
04	TAG2L	0	2	48
05	TAG3L	1	33	55
06	TAG3L	0	3	52
07	B0L	1	34	26
08	B0L	0	4	23
09	B1L	1	35	27
10	B1L	0	5	24
11	B2L	1	36	31
12	B2L	0	6	28
13	B3L	1	37	32
14	B3L	0	7	29
15	B4L	1	38	33
16	B4L	0	8	30
17	B5L	1	39	37
18	B5L	0	9	34
19	B6L	1	40	38
20	B6L	0	10	35
21	B7L	1	41	39
22	B7L	0	11	36
23	B8L	1	42	43
24	B8L	0	12	40
25	B9L	1	43	44
26	B9L	0	13	41
27	OPENCL	1	44	20
28	OPENCL	0	14	16
29	FAULTL	1	45	14
30	FAULTL	0	15	11
31	SEEKERL	1	46	78
32	SEEKERL	0	16	75
33	ONCYLL	1	47	18
34	ONCYLL	0	17	15
35	INDEX	1	48	SPARE
36	INDEX	0	18	SPARE
37	READYL	1	49	21
38	READYL	0	19	17
39	ADR M FOUND	1	50	SPARE
40	ADR M FOUND	0	20	SPARE
41	NOT USED	1	51	SPARE
42	NOT USED	0	21	SPARE
43	SUSL	1	52	25
44	SUSL	0	22	22
45	USOL	1	53	04
46	USOL	0	23	01
47	US1L	1	54	05
48	US1L	0	24	02
49	SEKTOR	1	55	SPARE
50	SEKTOR	0	25	SPARE
51	US2L	1	56	07
52	US2L	0	26	03
53	US3L	1	57	12
54	US3L	0	27	08
55	WRITE PROTECT	1	58	SPARE
56	WRITE PROTECT	0	28	SPARE
57	POW S P	1	29	SPARE
58		0		
59	POW S H	1	59	SPARE
60		0		
61	NOT USED	1	60	SPARE
62	NOT USED	0	30	SPARE
63				
64				

INTERNAL CABLE TYPE : 60 wire twist and flat
 EXTERNAL CABLE TYPE 1:
 EXTERNAL CABLE TYPE 2:
 EXTERNAL CABLE TYPE 3:
 EXTERNAL CABLE TYPE 4:

Drawn by HO/kha	Remarks	Replacement for	Date
Approved		Replaced by	Date
Date 16.01.80			

NORSK DATA A.S

Title
EXTERNAL & INTERNAL CABLE FOR
N-100 STC MAGTAPE CONTROLLER TO
STC MAGTAPE FORMATTER

Drawing No.
3-9380 C

WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO.	PLUG PANEL 2x37 PIN D-CONNECTOR PIN NO.	DEVICE PLUG ND PLUG PAN. 2x37 PIN PIN NO.	DEVICE PLUG PLUG PANEL IN TAPE FORMATTER
01	AD0	0	ac 01	P1- 1	P1- 1	A4-A01
02	GND		aa 01	P1-20	P1-20	A4-B01
03	AD1	0	ac 02	P1- 2	P1- 2	A4-A02
04	GND		aa 02	P1-21	P1-21	A4-B02
05	CMD0	0	ac 03	P1- 3	P1- 3	A4-A03
06	GND		aa 03	P1-22	P1-22	A4-B03
07	CMD1	0	ac 04	P1- 4	P1- 4	A4-A04
08	GND		aa 04	P1-23	P1-23	A4-B04
09	CMD2	0	ac 05	P1- 5	P1- 5	A4-A05
10	GND		aa 05	P1-24	P1-24	A4-B05
11	CMD3	0	ac 06	P1- 6	P1- 6	A4-A06
12	GND		aa 06	P1-25	P1-25	A4-B06
13	DS0	0	ac 07	P1- 7	P1- 7	A4-A07
14	GND		aa 07	P1-26	P1-26	A4-B07
15	START	0	ac 08	P1- 8	P1- 8	A4-A08
16	GND		aa 08	P1-27	P1-27	A4-B08
17	STOP	0	ac 09	P1- 9	P1- 9	A4-A09
18	GND		aa 09	P1-28	P1-28	A4-B09
19	TRAK	0	ac 10	P1-10	P1-10	A4-A10
20	GND		aa 10	P1-29	P1-29	A4-B10
21	DAT-P	0	ac 11	P1-11	P1-11	A4-A11
22	GND		aa 11	P1-30	P1-30	A4-B11
23	DATA-0	0	ac 12	P1-12	P1-12	A4-A12
24	GND		aa 12	P1-31	P1-31	A4-B12
25	DATA-1	0	ac 13	P1-13	P1-13	A4-A13
26	GND		aa 13	P1-32	P1-32	A4-B13
27	DATA-2	0	ac 14	P1-14	P1-14	A4-A14
28	GND		aa 14	P1-33	P1-33	A4-B14
29	DATA-3	0	ac 15	P1-15	P1-15	A4-A15
30	GND		aa 15	P1-34	P1-34	A4-B15
31	DATA-4	0	ac 16	P1-16	P1-16	A4-A16
32	GND		aa 16	P1-35	P1-35	A4-B16
33	DATA-5	0	ac 17	P1-17	P1-17	A4-A17
34	GND		aa 17	P1-36	P1-36	A4-B17
35	DATA-6	0	ac 18	P1-18	P1-18	A4-A18
36	GND		aa 18	P1-37	P1-37	A4-B18
37	DATA-7	0	ac 19	P2- 1	P2- 1	A4-A19
38	GND		aa 19	P2-20	P2-20	A4-B19
39	RESET	0	ac 20	P2- 2	P2- 2	A4-A20
40	GND		aa 20	P2-21	P2-21	A4-B20
41	MUX0	0	ac 21	P2- 3	P2- 3	A4-A21
42	GND		aa 21	P2-22	P2-22	A4-B21
43	MUX1	0	ac 22	P2- 4	P2- 4	A4-A22
44	GND		aa 22	P2-23	P2-23	A4-B22
45	DS1	0	ac 23	P2- 5	P2- 5	A4-A23
46	GND		aa 23	P2-24	P2-24	A4-B23
47	MUX2	0	ac 24	P2- 6	P2- 6	A4-A24
48	GND		aa 24	P2-25	P2-25	A4-B24
49	SSC	0	ac 25	P2- 7	P2- 7	A4-A25
50	GND		aa 25	P2-26	P2-26	A4-B25
51	OSC	0	ac 26	P2- 8	P2- 8	A4-A26
52	GND		aa 26	P2-27	P2-27	A4-B26
53	EOTS	0	ac 27	P2- 9	P2- 9	A4-A27
54	GND		aa 27	P2-28	P2-28	A4-B27
55	BOTS	0	ac 28	P2-10	P2-10	A4-A28
56	GND		aa 28	P2-29	P2-29	A4-B28
57	FPTS	0	ac 29	P2-11	P2-11	A4-A29
58	GND		aa 29	P2-30	P2-30	A4-B29
59	REWS	0	ac 30	P2-12	P2-12	A4-A30
60	GND		aa 30	P2-31	P2-31	A4-B30
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EXTERNAL CABLE

EXTERNAL CABLE TYPE : SPECTRA STRIP TWIST'N FLAT 455-248-60
 EXTERNAL CABLE TYPE 1: " " " " " " " " " } Max lenght 3 m
 EXTERNAL CABLE TYPE 2: " " " " " " " " " }
 EXTERNAL CABLE TYPE 3:
 EXTERNAL CABLE TYPE 4:

Drawn by PHE/kha	Remarks Total length of all three cables max. 20 feet.	Replacement for	Date
Approved		Replaced by	Date
Date 21.8.80			

NORSK DATA A.S	Title KM-1D TO KM-1D VIA TERMINAL OPPLGG (849 - telx)	Drawing No. 3-9386B
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WIRE NO.	SIGNAL	KM-1D (ND-100) POLARITY	ND 849 EUROPLUG PIN NO.	PLUGPANEL TELX PIN NO	DEVICE PLUG KM-1D PIN NO		
01	REC	1	A	1	3		
02	REC	2	B	2	4		
03	TRANSM.	3	C	4	1		
04	TRANSM.	4	D	3	2		
05							
06	SHIELD	5	H	6	5		
07							
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INTERNAL CABLE TYPE : EXTERNAL CABLE TYPE 1: EXTERNAL CABLE TYPE 2: EXTERNAL CABLE TYPE 3: EXTERNAL CABLE TYPE 4:		
Drawn by NJN/ma	Remarks	Replacement for Date
Approved		Replaced by Date
Date 15.3.82		

NORSK DATA A.S

Title

TRANSMISSION LINE CABLE BETWEEN
NORD KM-1D AND DEVICE KM-1D VIA TELEX
PLUG OR 8 PIN BURNDY PLUG

Drawing No.

3-9385 C

WIRE NO.	KM-ID SIGNAL NAME	NORD KM-ID SCREW TERMINALS A/P PINS	TELEX PLUG MALE PIN NO.	CROSS COUPLING BOX 8-PIN BURNDY MALE	TELEX PLUG MALE PIN NO.	DEVICE KM-1D SCREW TERMINALS	COLOUR CODE
01	RECEIVER	1	1	A	1	5	BROWN
02	RECEIVER	2	2	B	2	6	BLACK
03	TRANSMITTER	5	4	C	4	1	GREEN
04	TRANSMITTER	6	3	D	3	2	BLACK
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Cable type: 4 pair round with Screen
Shield connected to pin H 8 pins Burndy male
and Pin 6 in Telex plug Male

Drawn by HO/ma	Remarks	Replacement for	Date
Approved		Replaced by	Date
Date 24.9.81			

NORSK DATA A.S

Title
INTERNAL - EXTERNAL
CABLE N- 500 - N - 100 1x0

Drawing No.
3 - 9387

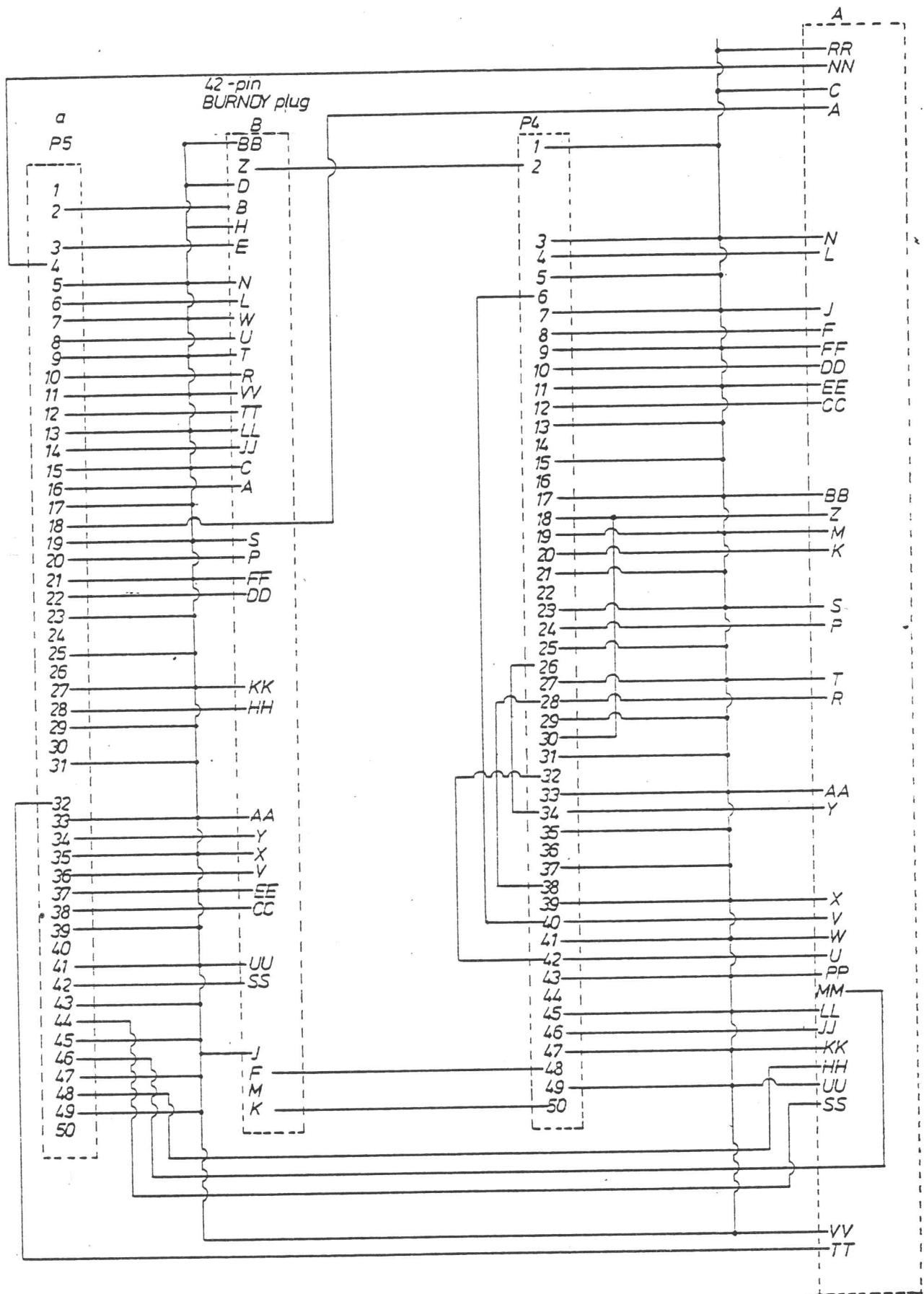
WIRE NO.	SIGNAL	POLARITY	EUROPLUG IN N - 500 RACK PIN NO.	PLUGPANEL 2x37 PIN D. CON. IN N - 500 PIN. NO.	PLUGPANEL 2x37 PIN D. CON. IN N - 100 PIN. NO.	EUROPLUG IN N - 100 BackWIRING
01	GROUND		Cc 1	1	1	Ac 1
02	GROUND		Ca 1	20	20	Aa 1
03	DBU 0	0	Cc 2	2	2	Ac 2
04	DBU 0	1	Ca 2	21	21	Aa 2
05	DBU 1	0	Cc 3	3	3	Ac 3
06	DBU 1	1	Ca 3	22	22	Aa 3
07	DBU 2	0	Cc 4	4	4	Ac 4
08	DBU 2	1	Ca 4	23	23	Aa 4
09	DBU 3	0	Cc 5	5	5	Ac 5
10	DBU 3	1	Ca 5	24	24	Aa 5
11	DBU 4	0	Cc 6	6	6	Ac 6
12	DBU 4	1	Ca 6	25	25	Aa 6
13	DBU 5	0	Cc 7	7	7	Ac 7
14	DBU 5	1	Ca 7	26	26	Aa 7
15	DBU 6	0	Cc 8	8	8	Ac 8
16	DBU 6	1	Ca 8	27	27	Aa 8
17	DBU 7	0	Cc 9	9	9	Ac 9
18	DBU 7	1	Ca 9	28	28	Aa 9
19	DBU 8	0	Cc 10	10	10	Ac 10
20	DBU 8	1	Ca 10	29	29	Aa 10
21	DBU 9	0	Cc 11	11	11	Ac 11
22	DBU 9	1	Ca 11	30	30	Aa 11
23	DBU 10	0	Cc 12	12	12	Ac 12
24	DBU 10	1	Ca 12	31	31	Aa 12
25	DBU 11	0	Cc 13	13	13	Ac 13
26	DBU 11	1	Ca 13	32	32	Aa 13
27	DBU 12	0	Cc 14	14	14	Ac 14
28	DBU 12	1	Ca 14	33	33	Aa 14
29	DBU 13	0	Cc 15	15	15	Ac 15
30	DBU 13	1	Ca 15	34	34	Aa 15
31	DBU 14	0	Cc 16	16	16	Ac 16
32	DBU 14	1	Ca 16	35	35	Aa 16
33	DBU 15	0	Cc 17	1	1	Ac 17
34	DBU 15	1	Ca 17	20	20	Aa 17
35	TIN 0	0	Cc 18	2	2	Ac 18
36	TIN 0	1	Ca 18	21	21	Aa 18
37	TIN 1	0	Cc 19	3	3	Ac 19
38	TIN 1	1	Ca 19	22	22	Aa 19
39	TIN 2	0	Cc 20	4	4	Ac 20
40	TIN 2	1	Ca 20	23	23	Aa 20
41	TIN 3	0	Cc 21	5	5	Ac 21
42	TIN 3	1	Ca 21	24	24	Aa 21
43	TIN 4	0	Cc 22	6	6	Ac 22
44	TIN 4	1	Ca 22	25	25	Aa 22
45	UNLOCK	0	Cc 23	7	7	Ac 23
46	UNLOCK	1	Ca 23	26	26	Aa 23
47	PWR. FAIL	0	Cc 24	8	8	Ac 24
48	PWR. FAIL	1	Ca 24	27	27	Aa 24
49	MSTR. CL	0	Cc 25	9	9	Ac 25
50	MSTR. CL	1	Ca 25	28	28	Aa 25
51	RETAG	0	Cc 26	10	10	Ac 26
52	RETAG	1	Ca 26	29	29	Aa 26
53	DATA IN	0	Cc 27	11	11	Ac 27
54	DATA IN	1	Ca 27	30	30	Aa 27
55	SPARE		Cc 28	12	12	Ac 28
56	SPARE		Ca 28	31	31	Aa 28
57	ACTIVATE	0	Cc 29	13	13	Ac 29
58	ACTIVATE	1	Ca 29	32	32	Aa 29
59	STOP	0	Cc 30	14	14	Ac 30
60	STOP	1	Ca 30	33	33	Aa 30
61	DATA OUT	0	Cc 31	15	15	Ac 31
62	DATA OUT	1	Ca 31	34	34	Aa 31
63	GROUND		Cc 32	16	16	Ac 32
64	GROUND		Ca 32	35	35	Aa 32

INTERNAL CABLE TYPE: 64 wire flat cable
 EXTERNAL CABLE TYPE 1: 64 Wire flat cable
 EXTERNAL CABLE TYPE 2:
 EXTERNAL CABLE TYPE 3:
 EXTERNAL CABLE TYPE 4:

External cable



Drawn by HO/ma	Remarks	Replacement for	Date
Approved		Replaced by	Date
Date 21.8.80			



PERTEC PLUG PANEL, 1980	Board no.	Drawn <i>rs</i> AL.
		Const.
		Asst.
Replacement for		
NORSK DATA A.S Oslo, Norway		3-9389
Replaced by		

NORSK DATA A.S

Title PERTEC FT 9640-98 M-T INTERNAL
CABLE IN M-T CABINET USED WITH 1980
ADAPTER

Drawing No.
3 - 9396

WIRE	SIGNAL	POLARITY	P4 EDGE CONN. 50 PIN PIN NO.	P4 RC CONN 50 PIN PIN NO
01	GND		P4 - 1	1
02	FRY		P4 - 2	2
03	GND		P4 - 3	3
04	TRR2, LWD		P4 - 4	4
05	GND		P4 - 5	5
06	ERASE, W4		P4 - 6	6
07	GND		P4 - 7	7
08	G0		P4 - 8	8
09	GND		P4 - 9	9
10	DAO, W0		P4 - 10	10
11	GND		P4 - 11	11
12	DAL, W1		P4 - 12	12
13			P4 - 13	13
14			P4 - 14	14
15			P4 - 15	15
16			P4 - 16	16
17	GND		P4 - 17	17
18	REV, W2		P4 - 18	18
19	GND		P4 - 19	19
20	REW		P4 - 20	20
21	GND		P4 - 21	21
22			P4 - 22	22
23	GND		P4 - 23	23
24	PAR, W7		P4 - 24	24
25	GND		P4 - 25	25
26	WRT, W3		P4 - 26	26
27	GND		P4 - 27	27
28	EDIT W6		P4 - 28	28
29			29	29
30	REV W2		P4 - 30	30
31	GND		P4 - 31	31
32	WFM, W5		P4 - 32	32
33	GND		P4 - 33	33
34	WRT W3		P4 - 34	34
35			35	35
36			P4 - 36	36
37	GND		P4 - 37	37
38	EDIT W6		P4 - 38	38
39	GND		P4 - 39	39
40	ERASE, W4		P4 - 40	40
41	GND		P4 - 41	41
42	WEM W5		P4 - 42	42
43			P4 - 43	43
44			44	44
45	GND		45	45
46	TADO		46	46
47	GND		P4 - 47	47
48	R2		P4 - 48	48
49	GND		P4 - 49	49
50	R3		P4 - 50	50
51				
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Drawn by HO/ma	Remarks	Replacement for	Date
Approved		Replaced by	Date
Date 17.11.80			

NORSK DATA A.S

Title PERTEC FT 9640-98 M-T INTERNAL
CABLE IN M-T CABINET
USED WITH 1980 ADAPTER

Drawing No.

3 - 9397

WIRE NO	SIGNAL	POLARITY	P5 EDGE CONN. 50 PIN PIN NO	P5 RC CONN. 50 PIN PIN NO
01			P5 - 1	1
02	R0		P5 - 2	2
03	R1		P5 - 3	3
04	LDP		P5 - 4	4
05	GND		P5 - 5	5
06	R4		P5 - 6	6
07	GND		P5 - 7	7
08	R7		P5 - 8	8
09	GND		P5 - 9	9
10	R6		P5 - 10	10
11	GND		P5 - 11	11
12	HER		P5 - 12	12
13	GND		P5 - 13	13
14	FMK		P5 - 14	14
15	GND		P5 - 15	15
16	CCG		P5 - 16	16
17	GND		P5 - 17	17
18	FEN		P5 - 18	18
19	GND		P5 - 19	19
20	R5		P5 - 20	20
21	GND		P5 - 21	21
22	EOT		P5 - 22	22
23	GND		P5 - 23	23
24	OEL		P5 - 24	24
25			P5 - 25	25
26			P5 - 26	26
27	GND		P5 - 27	27
28	RDY		P5 - 28	28
29			P5 - 29	29
30			P5 - 30	30
31	GND		P5 - 31	31
32	FRT		P5 - 32	32
33	GND		P5 - 33	33
34	RSTR		P5 - 34	34
35	GND		P5 - 35	35
36	WSTR		P5 - 36	36
37	GND		P5 - 37	37
38	DBY		P5 - 38	38
39			P5 - 39	39
40			P5 - 40	40
41	GND		P5 - 41	41
42	CGR		P5 - 42	42
43	GND		P5 - 43	43
44	ONL		P5 - 44	44
45	GND		P5 - 45	45
46	TAD1		P5 - 46	46
47	GND		P5 - 47	47
48	FAD		P5 - 48	48
49			P5 - 49	49
50			P5 - 50	50
51				
52				
53				
54				
55				
56				
57				
58				
59				
60				
61				
62				
63				
64				

Drawn by HO/ma	Remarks	Replacement for	Date
Approved		Replaced by	Date
Date 17.11.80			

NORSK DATA A.S	Title	EXTERNAL CABLE N-100 HDLC TO X-21	Drawing No.	3-9501

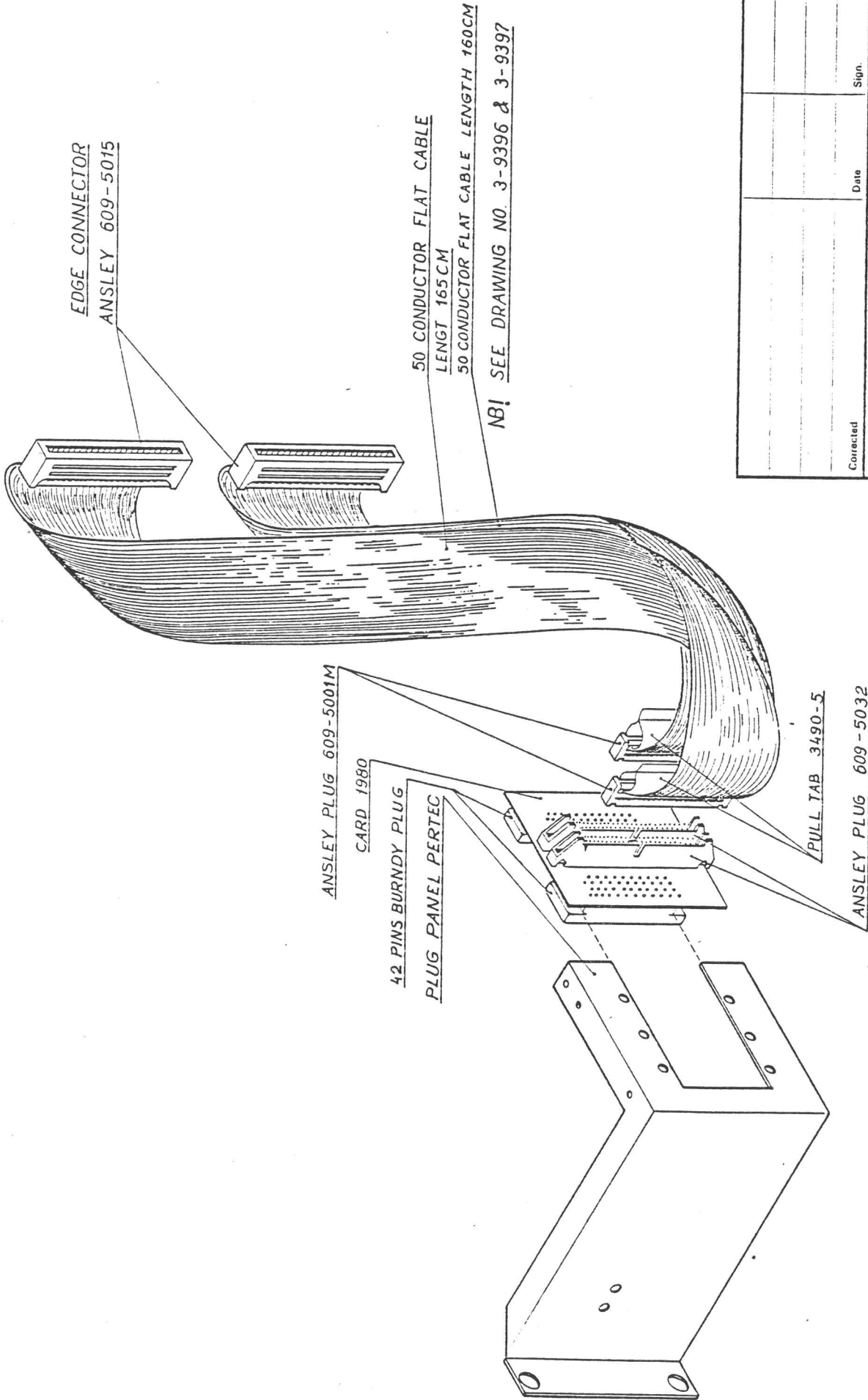
WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO.	PLUG PANEL 2x25 PIN D CONNECTOR PIN NO.	PLUG AMP 164527-1 15.P COWER AMP 206 478-2 PIN NO.
01				1	
02				14	
03	TDA			2	
04	TCL			15	
05	RDA			3	
06				16	
07	RTS			4	
08	RCL			17	
09	RFS			5	
10				18	
11	DSR			6	
12				19	
13	GND			7	
14	DTR			20	
15	SD			8	
16				21	
17				9	
18	RI			22	
19				10	
20				23	
21				11	
22				24	
23				12	
24				25	
25				13	
26					
27					
28					
29				1	
30	TB			14	19
31	TA			2	2
32	TxCB (CB)			15	10
33	TxCA (CA)			3	3
34	RB			16	11
35	RA			4	4
36	TxCB (IB)			17	12
37	TxCA (IA)			5	5
38	RxCB (SA)			18	13
39	RxCA (SB)			6	6
40				19	
41				7	
42				20	
43	SIGNAL GND			8	8
44				21	
45				9	
46	RFS			22	┌
47	ROTS			10	┌
48	DSR			23	┌
49	H			11	┌
50	SD			24	┌
51					
52					
53					
54					
55					
56					
57					
58					
59					
60					
61					
62					
63					
64					

INTERNAL CABLE TYPE ::
EXTERNAL CABLE TYPE 1: 12 Pair shielded round cable
EXTERNAL CABLE TYPE 2:
EXTERNAL CABLE TYPE 3:
EXTERNAL CABLE TYPE 4:

PIN 1 in the device plug is connected to cable shield.
In the computer end, of ext. cable the shield is connected to an earth strap with faston

Male plug in computer end

Drawn by	HO/ma	Remarks	Replacement for	Date
Approved			Replaced by	Date
Date	06.04.81			



Corrected	Date	Sign.
INTERNAL CABLE P4-P5 IN M.T. CABINET USED WITH 1980 ADOPTER	Scale ≈	Drawn <i>MJM</i> 13.11.80. Contr. Appr.
NORSK DATA A.S. Oslo, Norway		Replacement for 3-9398
		Replaced by ..

NORSK DATA A.S

Title 1981 PCB OP.PANEL CABLE FOR NORD - 500

Drawing No. 3 - 9502

WIRE NO.	SIGNAL	POLARITY	N-500 FRAME P12 D-CONNECTOR FOR CABLE TRIPPEL BERG CONNECTOR PIN NO.	PLUG ON 1981 PCB IN OP.PANEL FOR CABLE DOUBLE BERG CONNECTOR PIN NO.	PLUG PL 8 ON N-500 POWER CONTROL PANEL PIN NO.	TERMINAL STRIP BEHIND N-500 FRAME	COLOUR CCDE	WIRE GAUGE
01			DC 1					
02	GND		DA 1	21			BLACK	0,20 ^a
03			DC 2					
04	+5V		DA 2	22			GREEN	0,20 ^a
05			DC 3					
06			DA 3					
07			DC 4					
08			DA 4					
09			DC 5					
10			DA 5					
11			DC 6					
12			DA 6					
13			DC 7					
14			DA 7					
15			DC 8					
16			DA 8					
17			DC 9					
18			DA 9					
19			DC 10					
20			DA 10					
21			DC 11					
22			DA 11					
23			DC 12					
24			DA 12					
25			DC 13					
26			DA 13					
27			DC 14					
28			DA 14					
29			DC 15					
30			DA 15					
31			DC 16					
32			DA 16					
33	RUNNING		DC 17	30	NC		BROWN	0,20 ^a
34	GND		DA 17	29	NC		BLACK	0,20 ^a
35	SWMCL		DC 18	34	NC		GREY	0,20 ^a
36	GND		DA 18	33	NC		BLACK	0,20 ^a
37	DMCL		DC 19	NC	8	1 MI	GREY	0,75 ^a
38	GND		DA 19	NC	10	2 GND	BLACK	0,75 ^a
39						3 MI	GREY	0,75 ^a
40						4 GND	BLACK	0,75 ^a
41	POWER FAIL		DC 20	NC	9	5 PFINT	WHITE	0,75 ^a
42	GND		DA 20	NC	10	6 GND	BLACK	0,75 ^a
43					9	7 PFINT	WHITE	0,75 ^a
44					10	8 GND	BLACK	0,75 ^a
45					12	9 EXT.PF	BROWN	0,75 ^a
46					10	10 GND	BLACK	0,75 ^a
47								
48								
49								
50								
51								
52								
53								
54								
55								
56								
57								
58								
59								
60								
61								
62								
63								
64								

INTERNAL CABLE TYPE: TWISTED PAIR IN PVC TUBING
 EXTERNAL CABLE TYPE 1:
 EXTERNAL CABLE TYPE 2:
 EXTERNAL CABLE TYPE 3:
 EXTERNAL CABLE TYPE 4:

Drawn by HO/ma	Remarks NC - NO CONNECTION	Replacement for	Date
Approved		Replaced by	Date
Date 25.2.81			

NORSK DATA A.S

Title
EXTERNAL CABLE FOR n-100 RS 232C
OMNI 810

Drawing No.
3 - 9508

WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO	EXT.CAB. MALE COVER HARTING 25 PIN PLUG PIN NO	DEVICE PLUG 25 P MODEM COVER PIN NO.
01	CHASSIS			1	
02				14	
03	TxD			2	3
04	11+			15	
05	RxD			3	
06	12-			16	
07	RtS			4	
08	01+			17	
09	RfS			5	11
10	02-			18	
11	DSR			6	
12				19	
13	GND			7	7
14	DTR			* 20,8	* 8,6
15	SIGN. DET.			* 8,20	
16				21	

INTERNAL CABLE :
EXTERNAL CABLE 1: 4 pair round cable with screen
EXTERNAL CABLE 2:
EXTERNAL CABLE 3:
EXTERNAL CABLE 4:

Pin 1 in the device plug is connected to cable shield.
In the computer end of the external cable the shield is connected to an earth strap with faston.
Male plug in computer end of cable.
* Strap in external cable.

Drawn by HO/ma

Remarks

Approved

Replacement for Date

Date 9.4.81

Replaced by Date

NORSK DATA A.S

Title

EXTERNAL CABLE N-100 RS 232C
 TEXTRONIX 4006

Drawing No.

3 - 9510B

WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO	EXT.CAB.MALE COVER HARTING 25 PIN PLUG PIN NO	DEVICE PLUG MODEM COVER PIN NO.
01	CHASSIS			1	
02				14	
03	TXD			2	3
04	TX+			15	
05	RXD			3	2
06	R2-			16	
07	RTS			4	
08	RT+			17	
09	RFS			5	
10	RT-			18	
11	DSR			6	
12				19	
13	GND			7	7
14	DTR			X 20,8,5	
15	SIGN. DET.			X 3,20,5	
16				NC	X 20,5,6,8

INTERNAL CABLE :
 EXTERNAL CABLE 1: 4 pair round cable with screen
 EXTERNAL CABLE 2:
 EXTERNAL CABLE 3:
 EXTERNAL CABLE 4:

Pin 1 in the device plug is connected to cable shield.
 In the computer end of the external cable the shield is connected to an earth strap with Faston.
 Male plug in computer end of cable.

X Strap in external cable.

Drawn by HO/ma	Remarks	Replacement for	Date
Approved		Replaced by	Date
Date 24.9.81			

NORSK DATA A.S

Title
INTERNAL CABLE
UNIVERSAL DMA FOR N-100
CABLE A

Drawing No
3 - 9530

WIRE NO:	SIGNAL	POLARITY	EUROPLUG PIN NO	PLUG PANEL 2X25 PIN PIN NO	DEVICE PLUG PIN NO
01	DATA 0	1	Ac 1	1	
02	DATA 0	0	Aa 1	14	
03	DATA 1	1	Ac 2	2	
04	DATA 1	0	Aa 2	15	
05	DATA 2	1	Ac 3	3	
06	DATA 2	0	Aa 3	16	
07	DATA 3	1	Ac 4	4	
08	DATA 3	0	Aa 4	17	
09	DATA 4	1	Ac 5	5	
10	DATA 4	0	Aa 5	18	
11	DATA 5	1	Ac 6	6	A1
12	DATA 5	0	Aa 6	19	
13	DATA 6	1	Ac 7	7	
14	DATA 6	0	Aa 7	20	
15	DATA 7	1	Ac 8	8	
16	DATA 7	0	Aa 8	21	
17	CONT 0	1	Ac 9	9	
18	CONT 0	0	Aa 9	22	
19	CONT 1	1	Ac 10	10	
20	CONT 1	0	Aa 10	23	
21	CONT 2	1	Ac 11	11	
22	CONT 2	0	Aa 11	24	
23	CONT 3	1	Ac 12	12	
24	CONT 3	0	Aa 12	25	
25	OUTPUT 1	1	Ac 13	1	A2
26	OUTPUT 0	0	Aa 13	14	
27	COMPLETE 1	1	Ac 14	2	
28	COMPLETE 0	0	Aa 14	15	
29	STAT 0	1	Ac 15	3	
30	STAT 0	0	Aa 15	16	
31	STAT 1	1	Ac 16	4	
32	STAT 1	0	Aa 16	17	
33	STAT 2	1	Ac 17	5	
34	STAT 2	0	Aa 17	18	
35	STAT 3	1	Ac 18	6	
36	STAT 3	0	Aa 18	19	
37	STATPASS 1	1	Ac 19	7	
38	STATPASS 1	0	Aa 19	20	
39	REQUEST	1	Ac 20	8	
40	REQUEST	0	Aa 20	21	
41	BUSY	1	Ac 21	9	
42	BUSY	0	Aa 21	22	
43	RESET	1	Ac 22	10	
44	RESET	0	Aa 22	23	
45	GND		Ac 23	11	
46	GND		Aa 23	24	
47	GND		Ac 24	12	
48	GND		Aa 24	25	
49					
50					
51					
52					
53					
54					
55					
56					
57					
58					
59					
60					
61					
62					
63					
64					

INTERNAL CABLE : 48 WIRE FLAT CABLE
 EXTERNAL CABLE 1:
 EXTERNAL CABLE 2:
 EXTERNAL CABLE 3:
 EXTERNAL CABLE 4:

Drawn by HO/ma	Remarks CARD 3029	Replacement for	Date
Approved		Replaced by	Date
Date 7.9.81			

NORSK DATA A.S

Title

INTERNAL CABLE
UNIVERSAL DMA FOR N-100
CABLE B

Drawing No.

3 - 9531

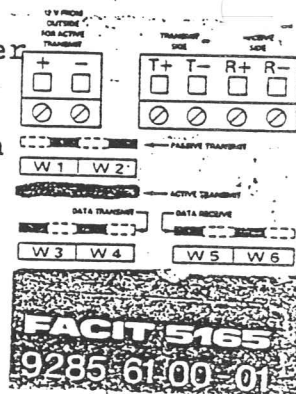
WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO	PLUG PANEL 2X25 PIN PIN NO	DEVICE PLUG PIN NO
01	DATA 8	1	Bc 1	1	
02	DATA 8	0	Ba 1	14	
03	DATA 9	1	Bc 2	2	
04	DATA 9	0	Ba 2	15	
05	DATA 10	1	Bc 3	3	
06	DATA 10	0	Ba 3	16	
07	DATA 11	1	Bc 4	4	
08	DATA 11	0	Ba 4	17	
09	DATA 12	1	Bc 5	5	
10	DATA 12	0	Ba 5	18	
11	DATA 13	1	Bc 6	6	
12	DATA 13	0	Ba 6	19	B 1
13	DATA 14	1	Bc 7	7	
14	DATA 14	0	Ba 7	20	
15	DATA 15	1	Bc 8	8	
16	DATA 15	0	Ba 8	21	
17	CONT 4	1	Bc 9	9	
18	CONT 4	0	Ba 9	22	
19	CONT 5	1	Bc 10	10	
20	CONT 5	0	Ba 10	23	
21	CONT 6	1	Bc 11	11	
22	CONT 6	0	Ba 11	24	
23	CONT 7	1	Bc 12	12	
24	CONT 7	0	Ba 12	25	
25	CONTSTROBE	1	Bc 13	1	
26	CONTSTROBE	0	Ba 13	14	
27	DMA ACTIVE	1	Bc 14	2	
28	DMA ACTIVE	0	Ba 14	15	
29	STAT 4	1	Bc 15	3	
30	STAT 4	0	Ba 15	16	
31	STAT 5	1	Bc 16	4	
32	STAT 5	0	Ba 16	17	
33	STAT 6	1	Bc 17	5	
34	STAT 6	0	Ba 17	18	
35	STAT 7	1	Bc 18	6	
36	STAT 7	0	Ba 18	19	B 2
37	STATPASS 2	1	Bc 19	7	
38	STATPASS 2	0	Ba 19	20	
39	ABORT	1	Bc 20	8	
40	ABORT	0	Ba 20	21	
41	+ 5V		Bc 21	9	
42	+ 5V		Ba 21	22	
43	+ 5V		Bc 22	10	
44	+ 5V		Ba 22	23	
45	GND		Bc 23	11	
46	GND		Ba 23	24	
47	GND		Bc 24	12	
48	GND		Ba 24	25	
49					
50					
51					
52					
53					
54					
55					
56					
57					
58					
59					
60					
61					
62					
63					
64					

INTERNAL CABLE : 48 WIRE FLAT CABLE
EXTERNAL CABLE 1:
EXTERNAL CABLE 2:
EXTERNAL CABLE 3:
EXTERNAL CABLE 4:

Drawn by HO/ma	Remarks CARD 3029	Replacement for	Date
Approved		Replaced by	Date
Date 7.9.81			

WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO	PLUGPANEL 25-pins "D" MALE COVER HARTING PIN NO:	DEVICE PLUG ADAPTER. 5165 PIN NO.
01	CHASSIS		c 1	1	
02			a 1	14	
03	TXD		c 2	2	
04	11+		a 2	15	T+
05	RXD		c 3	3	
06	12-		a 3	16	T-
07	RTS		c 4	4	
08	01+		a 4	17	R+
09	RFS		c 5	5	
10	02-		a 5	18	R-
11	DSR		c 6	6	
12			a 6	19	
13	GND		c 7	7	
14	DTR		a 7	20	
15	SIGN. DET.		c 8	8	
16			a 8	21	

In adapter jumper
W1-W2-W3-W4-W5
and W6 must be
linked as shown



INTERNAL CABLE : 64 wire flatcable
EXTERNAL CABLE 1: 4 pair round cable with screen.
EXTERNAL CABLE 2:
EXTERNAL CABLE 3:
EXTERNAL CABLE 4:

In the computer end of the external cable the shield is connected to an earth strap with faston.
Male plug in computer end of cable.

* Strap in external cable.

Drawn by: HO/ma	Remarks	Replacement for	Date
Approved			
Date: 14.02.83		Replaced by	Date

NORSK DATA A.S Oslo, Norway	Title 16 bit Digital Output	Drawing no. 4-9410

NO.	SIGNAL	POLARITY	PLUG BERG	EUROPLUG NORD-100	PLUGPANEL 2x37 pin plug conn.
1	DA0L	1	BERG 95	a 20	1
	"	0	" 94	c 20	20
2	DA1L	1	" 93	a 19	2
	"	0	" 92	c 19	21
3	DA2L	1	" 91	a 18	3
	"	0	" 90	c 18	22
4	DA3L	1	" 89	a 17	4
	"	0	" 88	c 17	23
5	DA4L	1	" 87	a 16	5
	"	0	" 86	c 16	24
6	DA5L	1	" 85	a 15	6
	"	0	" 84	c 15	25
7	DA6L	1	" 83	a 14	7
	"	0	" 82	c 14	26
8	DA7L	1	" 81	a 13	8
	"	0	" 80	c 13	27
9	DA8L	1	" 79	a 12	9
	"	0	" 78	c 12	28
10	DA9L	1	" 77	a 11	10
	"	0	" 76	c 11	29
11	DA10L	1	" 75	a 10	11
	"	0	" 74	c 10	30
12	DA11L	1	" 73	a 9	12
	"	0	" 72	c 9	31
13	DA12L	1	" 71	a 8	13
	"	0	" 70	c 8	32
14	DA13L	1	" 69	a 7	14
	"	0	" 68	c 7	33
15	DA14L	1	" 67	a 6	15
	"	0	" 66	c 6	34
16	DA15L	1	" 65	a 5	16
	"	0	" 64	c 5	35
17	STROBL	1	" 63	a 4	17
	"	0	" 62	c 4	36
18	REQL	1	" 61	a 3	18
	"	0	" 60	c 3	37
19	CWOUTL	1	" 59	a 2	1
	"	0	" 58	c 2	20
20	ERRSL	1	" 57	a 1	2
	"	0	" 56	c 1	21
21		1	" 55		3
		0	" 54		22

DRAWN BY HO	Remarks	Replacement for	Date
APPROVED BY		Replaced by	Date
DATE 6.9.79			

NORSK DATA A.S
Oslo, Norway

Title

16 bit Digital Input/Output

Drawing no.
4-9411

NO.	SIGNAL	POLARITY	PLUG BERG	EUROPLUG NORD-100	PLUGPANEL 2x37 pin plug conn.
1	DA0L	1	BERG 95	a 20	1
	GND	0	" 94	c 20	20
2	DA1L	1	" 93	a 19	2
	GND	0	" 92	c 19	21
3	DA2L	1	" 91	a 18	3
	GND	0	" 90	c 18	22
4	DA3L	1	" 89	a 17	4
	GND	0	" 88	c 17	23
5	DA4L	1	" 87	a 16	5
	GND	0	" 86	c 16	24
6	DA5L	1	" 85	a 15	6
	GND	0	" 84	c 15	25
7	DA6L	1	" 83	a 14	7
	GND	0	" 82	c 14	26
8	DA7L	1	" 81	a 13	8
	GND	0	" 80	c 13	27
9	DA8L	1	" 79	a 12	9
	GND	0	" 78	c 12	28
10	DA9L	1	" 77	a 11	10
	GND	0	" 76	c 11	29
11	DA10L	1	" 75	a 10	11
	GND	0	" 74	c 10	30
12	DA11L	1	" 73	a 9	12
	GND	0	" 72	c 9	31
13	DA12L	1	" 71	a 8	13
	GND	0	" 70	c 8	32
14	DA13L	1	" 69	a 7	14
	GND	0	" 68	c 7	33
15	DA14L	1	" 67	a 6	15
	GND	0	" 66	c 6	34
16	DA15L	1	" 65	a 5	16
	GND	0	" 64	c 5	35
17	MDR/DT	1	" 63	a 4	17
	GND	0	" 62	c 4	36
18	INT. REQ.	1	" 61	a 3	18
	GND	0	" 60	c 3	37
19	CSR 1	1	" 59	a 2	1
	GND	0	" 58	c 2	20
20	CSR 0	1	" 57	a 1	2
	GND	0	" 56	c 1	21
21			" 55		3
			" 54		22

DRAWN BY HO

Remarks

Replacement for Date

APPROVED BY

1158 CARD

Replaced by Date

DATE 6.9.79

NORSK DATA A.S Oslo, Norway		Title PROGRAMMABLE CLOCK 1166					Drawing no. 4-4913	
NO.	SIGNAL	POLARITY	PLUG BERG	EUROPLUG NORD-100	PLUGPANEL 2x37 pin plug conn.			
1	OSCONT	1	BERG 95	a 20	1			
	GND	0	" 94	c 20	20			
2	EXTOSC	0	" 93	a 19	2			
	GND	0	" 92	c 19	21			
3	EXTHOLD	0	" 91	a 18	3			
	GND	0	" 90	c 18	22			
4	PERIOD	0	" 89	a 17	4			
	GND	0	" 88	c 17	23			
5	EXTRESTART	0	" 87	a 16	5			
	GND	0	" 86	c 16	24			
6	INHIBIT	0	" 85	a 15	6			
	GND	0	" 84	c 15	25			
7	SELEXTOSC	0	" 83	a 14	7			
	GND	0	" 82	c 14	26			
8	OVERFLOW	0	" 81	a 13	8			
	GND	0	" 80	c 13	27			
9	HOLDREADY	0	" 79	a 12	9			
	GND	0	" 78	c 12	28			
10	PERIOD	0	" 77	a 11	10			
	GND	0	" 76	c 11	29			
11		1	" 75	a 10	11			
		0	" 74	c 10	30			
12		1	" 73	a 9	12			
		0	" 72	c 9	31			
13		1	" 71	a 8	13			
		0	" 70	c 8	32			
14		1	" 69	a 7	14			
		0	" 68	c 7	33			
15		1	" 67	a 6	15			
		0	" 66	c 6	34			
16		1	" 65	a 5	16			
		0	" 64	c 5	35			
17		1	" 63	a 4	17			
		0	" 62	c 4	36			
18		1	" 61	a 3	18			
		0	" 60	c 3	37			
19		1	" 59	a 2	1			
		0	" 58	c 2	20			
20		1	" 57	a 1	2			
		0	" 56	c 1	21			
21		1	" 55		3			
		0	" 54		22			

DRAWN BY HO APPROVED BY DATE 6.9.79	Remarks	Replacement for Date Replaced by Date
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NORSK DATA A.S Oslo, Norway	Title DATA PRODUCT LP with Parallel byte output 1109	Drawing no. 4-9414
---------------------------------------	-------------------------------------------------------------------	------------------------------

NO.	SIGNAL	POLARITY	PLUG BERG	EUROPLUG NORD-100	PLUGPANEL 2x37 pin plug conn.		
1	RDY	-	BERG 95	a 20	1	EE	
	GND		" 94	c 20	20	C	
2	STR	1	" 93	a 19	2	J	
	GND		" 92	c 19	21	m	
3	DA7		" 91	a 18	3		
	GND		" 90	c 18	22		
4	DA6	1	" 89	a 17	4	n	
	GND		" 88	c 17	23	k	
5	DA5	1	" 87	a 16	5	Z	
	GND		" 86	c 16	24	b	
6	DA4	1	" 85	a 15	6	V	
	GND		" 84	c 15	25	X	
7	DA3	1	" 83	a 14	7	R	
	GND		" 82	c 14	26	T	
8	DA2	1	" 81	a 13	8	L	
	GND		" 80	c 13	27	N	
9	DA1	1	" 79	a 12	9	F	
	GND		" 78	c 12	28	J	
10	DA0	1	" 77	a 11	10	B	
	GND		" 76	c 11	29	D	
11	STS	1	" 75	a 10	11	v	
	GND		" 74	c 10	30	AA	
12	MODA		" 73	a 9	12		
	GND		" 72	c 9	31		
13	MODB		" 71	a 8	13		
	GND		" 70	c 8	32		
14	INI		" 69	a 7	14		
	GND		" 68	c 7	33		
15	FUN1		" 67	a 6	15		
	GND		" 66	c 6	34		
16	FUN2		" 65	a 5	16		
	GND		" 64	c 5	35		
17	FUN3		" 63	a 4	17		
	GND		" 62	c 4	36		
18	XB0		" 61	a 3	18		
	XB1		" 60	c 3	37		
19	XB2		" 59	a 2	1		
			" 58	c 2	20		
20			" 57	a 1	2		
			" 56	c 1	21		
21			" 55		3		
			" 54		22		

DRAWN BY HO	Remarks	Replacement for	Date
APPROVED BY		Replaced by	Date
DATE 6.9.79			

NORSK DATA A.S Oslo, Norway	Title CENTRONICS LP with Parallel byte output 1109	Drawing no. 4-9415

NO.	SIGNAL	POLARITY	PLUG BERG	EUROPLUG NORD-100	PLUGPANEL 2x37 pin plug conn.	AMP
1	RDY	0	BERG 95	a 20	1	10
	GND		" 94	c 20	20	28
2	STR	1	" 93	a 19	2	1
	GND		" 92	c 19	21	19
3	DA7	1	" 91	a 18	3	9
	GND		" 90	c 18	22	27
4	DA6	1	" 89	a 17	4	8
	GND		" 88	c 17	23	26
5	DA5	1	" 87	a 16	5	7
	GND		" 86	c 16	24	25
6	DA4	1	" 85	a 15	6	6
	GND		" 84	c 15	25	24
7	DA3	1	" 83	a 14	7	5
	GND		" 82	c 14	26	23
8	DA2	1	" 81	a 13	8	4
	GND		" 80	c 13	27	22
9	DA1	1	" 79	a 12	9	3
	GND		" 78	c 12	28	21
10	DA0	1	" 77	a 11	10	2
	GND		" 76	c 11	29	20
11	STS		" 75	a 10	11	
	GND		" 74	c 10	30	
12	MODA		" 73	a 9	12	
	GND		" 72	c 9	31	
13	MODB		" 71	a 8	13	
	GND		" 70	c 8	32	
14	INI		" 69	a 7	14	31
	GND		" 68	c 7	33	30
15	FUN1		" 67	a 6	15	
	GND		" 66	c 6	34	
16	FUN2		" 65	a 5	16	
	GND		" 64	c 5	35	
17	FUN3		" 63	a 4	17	
	GND		" 62	c 4	36	
18	XB0		" 61	a 3	18	
	XB1		" 60	c 3	37	
19	XB2		" 59	a 2	1	
			" 58	c 2	20	
20			" 57	a 1	2	
			" 56	c 1	21	
21			" 55		3	
			" 54		22	

DRAWN BY HO	Remarks	Replacement for	Date
APPROVED BY		Replaced by	Date
DATE 6.9.79			

NORSK DATA A.S Oslo, Norway	Title LOGA BAX MP with Parallel byte output 1109	Drawing no. 4.9416
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NO.	SIGNAL	POLARITY	PLUG BERG	EUROPLUG NORD-100	PLUGPANEL 2x37 pin plug conn.		
1	RDY	1	BERG 95	a 20	1	15 A	
	GND		" 94	c 20	20	1 B	
2	STR	0	" 93	a 19	2	6 A	
	GND		" 92	c 19	21	2 B	
3	DA7		" 91	a 18	3		
	GND		" 90	c 18	22		
4	DA6	0	" 89	a 17	4	9 A	
	GND		" 88	c 17	23	3 A	
5	DA5	0	" 87	a 16	5	8 A	
	GND		" 86	c 16	24	1 A	
6	DA4	0	" 85	a 15	6	7 A	
	GND		" 84	c 15	25	1 A	
7	DA3	0	" 83	a 14	7	11 A	
	GND		" 82	c 14	26	2 A	
8	DA2	0	" 81	a 13	8	12 A	
	GND		" 80	c 13	27	2 A	
9	DA1	0	" 79	a 12	9	13 A	
	GND		" 78	c 12	28	1 B	
10	DA0	0	" 77	a 11	10	10 A	
	GND		" 76	c 11	29	2 B	
11	STS		" 75	a 10	11		
	GND		" 74	c 10	30		
12	MODA		" 73	a 9	12		
	GND		" 72	c 9	31		
13	MODB		" 71	a 8	13		
	GND		" 70	c 8	32		
14	INI		" 69	a 7	14		
	GND		" 68	c 7	33		
15	FUN1		" 67	a 6	15		
	GND		" 66	c 6	34		
16	FUN2		" 65	a 5	16		
	GND		" 64	c 5	35		
17	FUN3		" 63	a 4	17		
	GND		" 62	c 4	36		
18	XB0		" 61	a 3	18		
	XB1		" 60	c 3	37		
19	XB2		" 59	a 2	1		
			" 58	c 2	20		
20			" 57	a 1	2		
			" 56	c 1	21		
21			" 55		3		
			" 54		22		

DRAWN BY HO APPROVED BY DATE 6.9.79	Remarks	Replacement for: Date Replaced by: Date
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NORSK DATA A.S Oslo, Norway	Title CDC MATRIX PRINTER with Parallel byte output 1109	Drawing no. 4-9417

NO.	SIGNAL	POLARITY	PLUG BERG	EUROPLUG NORD-100	PLUGPANEL 2x37 pin plug conn.	AMP 206150-1
1	RDY	-	BERG 95	a 20	1	19
	GND		" 94	c 20	20	20
2	STR	0	" 93	a 19	2	17
	GND		" 92	c 19	21	18
3	DA7	0	" 91	a 18	3	10
	GND		" 90	c 18	22	16
4	DA6	0	" 89	a 17	4	12
	GND		" 88	c 17	23	11
5	DA5	0	" 87	a 16	5	14
	GND		" 86	c 16	24	13
6	DA4	0	" 85	a 15	6	9
	GND		" 84	c 15	25	15
7	DA3	0	" 83	a 14	7	7
	GND		" 82	c 14	26	8
8	DA2	0	" 81	a 13	8	5
	GND		" 80	c 13	27	6
9	DA1	0	" 79	a 12	9	3
	GND		" 78	c 12	28	4
10	DA0	0	" 77	a 11	10	1
	GND		" 76	c 11	29	2
11	STS	0	" 75	a 10	11	27
	GND		" 74	c 10	30	28
12	MODA		" 73	a 9	12	
	GND		" 72	c 9	31	
13	MODB		" 71	a 8	13	
	GND		" 70	c 8	32	
14	INI	0	" 69	a 7	14	21
	GND		" 68	c 7	33	22
15	FUN1		" 67	a 6	15	
	GND		" 66	c 6	34	
16	FUN2		" 65	a 5	16	
	GND		" 64	c 5	35	
17	FUN3		" 63	a 4	17	
	GND		" 62	c 4	36	
18	XB0	1	" 61	a 3	18	23
	XB1		" 60	c 3	37	
19	XB2		" 59	a 2	1	
			" 58	c 2	20	
20			" 57	a 1	2	
			" 56	c 1	21	
21			" 55		3	
			" 54		22	

DRAWN BY HO	Remarks	Replacement for	Date
APPROVED BY		Replaced by	Date
DATE 6.9.79			

NORSK DATA A.S
Oslo, Norway

Title
QUEME
with Parallel byte output 1109

Drawing no.
4-9418

NO.	SIGNAL	POLARITY	PLUG BERG	EUROPLUG NORD-100	PLUGPANEL 2x37 pin plug conn.	50 pin-0,1" Edge-Connector	
1	RDY		BERG 95	a 20	1		
	GND		" 94	c 20	20		
2	STR	0	" 93	a 19	2	18	
	GND		" 92	c 19	21	19	
3	DA7	0	" 91	a 18	3	10	
	GND		" 90	c 18	22	15	
4	DA6	0	" 89	a 17	4	9	
	GND		" 88	c 17	23	15	
5	DA5	0	" 87	a 16	5	8	
	GND		" 86	c 16	24	15	
6	DA4	0	" 85	a 15	6	7	
	GND		" 84	c 15	25	15	
7	DA3	0	" 83	a 14	7	6	
	GND		" 82	c 14	26	15	
8	DA2	0	" 81	a 13	8	5	
	GND		" 80	c 13	27	15	
9	DA1	0	" 79	a 12	9	4	
	GND		" 78	c 12	28	15	
10	DA0	0	" 77	a 11	10	3	
	GND		" 76	c 11	29	15	
11	STS	0	" 75	a 10	11	37	
	GND		" 74	c 10	30	38	
12	MODA	0	" 73	a 9	12	11&12	
	GND		" 72	c 9	31	15	
13	MODB	0	" 71	a 8	13	13	
	GND		" 70	c 8	32	15	
14	INI	0	" 69	a 7	14	16	
	GND		" 68	c 7	33	17	
15	FUN1	0	" 67	a 6	15	20	
	GND		" 66	c 6	34	21	
16	FUN2	0	" 65	a 5	16	22	
	GND		" 64	c 5	35	23	
17	FUN3	0	" 63	a 4	17	26	
	GND		" 62	c 4	36	27	
18	XB0	1	" 61	a 3	18	39	} NOT TWISTED
	XB1	1	" 60	c 3	37	41	
19	XB2	1	" 59	a 2	1	43	
			" 58	c 2	20		
20			" 57	a 1	2		
			" 56	c 1	21		
21			" 55		3		
			" 54		22		

DRAWN BY HO
APPROVED BY
DATE 6.9.79

Remarks
Databit -1 is not used

Replacement for Date
Replaced by Date

NORSK DATA A.S
Oslo, Norway

Title

FACIT PUNCH
with Prallel byte output 1109

Drawing no.
4-9419

NO.	SIGNAL	POLARITY	PLUG BERG	EUROPLUG NORD-100	PLUGPANEL 2x37 pin plug conn.	CANNON DB 25 P
1	RDY	-	BERG 95	a 20	1	12
	GND		" 94	c 20	20	25
2	STR	1	" 93	a 19	2	9 & 11
	GND		" 92	c 19	21	25
3	DA7	1	" 91	a 18	3	8
	GND		" 90	c 18	22	25
4	DA6	1	" 89	a 17	4	7
	GND		" 88	c 17	23	25
5	DA5	1	" 87	a 16	5	6
	GND		" 86	c 16	24	25
6	DA4	1	" 85	a 15	6	5
	GND		" 84	c 15	25	25
7	DA3	1	" 83	a 14	7	4
	GND		" 82	c 14	26	25
8	DA2	1	" 81	a 13	8	3
	GND		" 80	c 13	27	25
9	DA1	1	" 79	a 12	9	2
	GND		" 78	c 12	28	25
10	DA0	1	" 77	a 11	10	1
	GND		" 76	c 11	29	25
11	STS		" 75	a 10	11	
	GND		" 74	c 10	30	
12	MODA		" 73	a 9	12	
	GND		" 72	c 9	31	
13	MODB		" 71	a 8	13	
	GND		" 70	c 8	32	
14	INI		" 69	a 7	14	
	GND		" 68	c 7	33	
15	FUN1		" 67	a 6	15	
	GND		" 66	c 6	34	
16	FUN2		" 65	a 5	16	
	GND		" 64	c 5	35	
17	FUN3		" 63	a 4	17	
	GND		" 62	c 4	36	
18	XB0		" 61	a 3	18	
	XB1		" 60	c 3	37	
19	XB2		" 59	a 2	1	
			" 58	c 2	20	
20			" 57	a 1	2	
			" 56	c 1	21	
21			" 55		3	
			" 54		22	

DRAWN BY HO

Remarks

Replacement for Date

APPROVED BY

Replaced by

DATE 6.9.79

Date

NORSK DATA A.S Oslo, Norway	Title AD CONVERTER NORD-10 STANDARD	Drawing no.
		4.9420

NO.	SIGNAL	POLARITY	PLUG BERG	EUROPLUG NORD-100	PLUGPANEL 2x37 pin plug conn.
1			BERG 95	a 20	1
			" 94	c 20	20
2			" 93	a 19	2
			" 92	c 19	21
3			" 91	a 18	3
			" 90	c 18	22
4			" 89	a 17	4
			" 88	c 17	23
5			" 87	a 16	5
			" 86	c 16	24
6			" 85	a 15	6
	Ext. Contr.		" 84	c 15	25
7	GND		" 83	a 14	7
	GND		" 82	c 14	26
8	GND		" 81	a 13	8
			" 80	c 13	27
9	An. Inp. 0	0	" 79	a 12	9
	An. Inp. 0	+	" 78	c 12	28
10	An. Inp. 1	0	" 77	a 11	10
	An. Inp. 1	+	" 76	c 11	29
11	An. Inp. 2	0	" 75	a 10	11
	An. Inp. 2	+	" 74	c 10	30
12	An. Inp. 3	0	" 73	a 9	12
	An. Inp. 3	+	" 72	c 9	31
13	An. Inp. 4	0	" 71	a 8	13
	An. Inp. 4	+	" 70	c 8	32
14	An. Inp. 5	0	" 69	a 7	14
	An. Inp. 5	+	" 68	c 7	33
15	An. Inp. 6	0	" 67	a 6	15
	An. Inp. 6	+	" 66	c 6	34
16	An. Inp. 7	0	" 65	a 5	16
	An. Inp. 7	+	" 64	c 5	35
17			" 63	a 4	17
			" 62	c 4	36
18			" 61	a 3	18
			" 60	c 3	37
19			" 59	a 2	1
			" 58	c 2	20
20			" 57	a 1	2
			" 56	c 1	21
21			" 55		3
			" 54		22

NN - M - 1132

DRAWN BY HO	Remarks	Replacement for	Date
APPROVED BY		Replaced by	Date
DATE 3.9.79			

NORSK DATA A.S Oslo, Norway	Title PROCESS INPUT	Drawing no. 4-9421

NO.	SIGNAL	POLARITY	PLUG BERG	EUROPLUG NORD-100	PLUGPANEL 2x37 pin plug conn.		
1		1	BERG 95	a 20	1		
		0	" 94	c 20	20		
2	D 0	1	" 93	a 19	2		
	"	0	" 92	c 19	21		
3	D 1	1	" 91	a 18	3		
	"	0	" 90	c 18	22		
4	D 2	1	" 89	a 17	4		
	"	0	" 88	c 17	23		
5	D 3	1	" 87	a 16	5		
	"	0	" 86	c 16	24		
6	D 4	1	" 85	a 15	6		
	"	0	" 84	c 15	25		
7	D 5	1	" 83	a 14	7		
	"	0	" 82	c 14	26		
8	D 6	1	" 81	a 13	8		
	"	0	" 80	c 13	27		
9	D 7	1	" 79	a 12	9		
	"	0	" 78	c 12	28		
10	D 8	1	" 77	a 11	10		
	"	0	" 76	c 11	29		
11	D 9	1	" 75	a 10	11		
	"	0	" 74	c 10	30		
12	D 10	1	" 73	a 9	12		
	"	0	" 72	c 9	31		
13	D 11	1	" 71	a 8	13		
	"	0	" 70	c 8	32		
14		1	" 69	a 7	14		
		0	" 68	c 7	33		
15		1	" 67	a 6	15		
		0	" 66	c 6	34		
16		1	" 65	a 5	16		
		0	" 64	c 5	35		
17		1	" 63	a 4	17		
		0	" 62	c 4	36		
18		1	" 61	a 3	18		
		0	" 60	c 3	37		
19		1	" 59	a 2	1		
		0	" 58	c 2	20		
20		1	" 57	a 1	2		
		0	" 56	c 1	21		
21		1	" 55		3		
		0	" 54		22		

1056 CARD

DRAWN BY HO	Remarks	Replacement for	Date
APPROVED BY			
DATE 3.9.79		Replaced by	Date

NORSK DATA A.S Oslo, Norway	Title PROCESS OUTPUT	Drawing no. 4-9422

NO.	SIGNAL	POLARITY	PLUG BERG	EUROPLUG NORD-100	PLUGPANEL 2x37 pin plug conn.		
1	-	1	BERG 95	a 20	1		
		0	" 94	c 20	20		
2	D 0	1	" 93	a 19	2		
	"	0	" 92	c 19	21		
3	D 1	1	" 91	a 18	3		
	"	0	" 90	c 18	22		
4	D 2	1	" 89	a 17	4		
	"	0	" 88	c 17	23		
5	D 3	1	" 87	a 16	5		
	"	0	" 86	c 16	24		
6	D 4	1	" 85	a 15	6		
	"	0	" 84	c 15	25		
7	D 5	1	" 83	a 14	7		
	"	0	" 82	c 14	26		
8	D 6	1	" 81	a 13	8		
	"	0	" 80	c 13	27		
9	D 7	1	" 79	a 12	9		
	"	0	" 78	c 12	28		
10	D 8	1	" 77	a 11	10		
	"	0	" 76	c 11	29		
11	D 9	1	" 75	a 10	11		
	"	0	" 74	c 10	30		
12	D 10	1	" 73	a 9	12		
	"	0	" 72	c 9	31		
13	D 11	1	" 71	a 8	13		
	"	0	" 70	c 8	32		
14	D 12	1	" 69	a 7	14		
	"	0	" 68	c 7	33		
15	D 13	1	" 67	a 6	15		
	"	0	" 66	c 6	34		
16	D 14	1	" 65	a 5	16		
	"	0	" 64	c 5	35		
17	D 15	1	" 63	a 4	17		
	"	0	" 62	c 4	36		
18	SET	1	" 61	a 3	18		
	"	0	" 60	c 3	37		
19		1	" 59	a 2	1		
		0	" 58	c 2	20		
20		1	" 57	a 1	2		
		0	" 56	c 1	21		
21		1	" 55		3		
		0	" 54		22		

DRAWN BY HO		Remarks 1057 Card	Replacement for	Date
APPROVED BY				
DATE	3.9.79		Replaced by	Date

NORSK DATA A.S Oslo, Norway	Title TALLY MATRIX PRINTER CABLE	Drawing no. 4-9429

NO.	SIGNAL	POLARITY	PLUG BERG	EUROPLUG NORD-100	PLUGPANEL 2x37 pin plug conn.	PLUG WINCHESTER MRAC 50-P (J11 ON TALLY)
1	LDATA 1	1	BERG 95	a 20	1	B
	LDATA 1	0	" 94	c 20	20	D
2	LDATA 2	1	" 93	a 19	2	F
	LDATA 2	0	" 92	c 19	21	J
3	LDATA 3	1	" 91	a 18	3	L
	LDATA 3	0	" 90	c 18	22	N
4	LDATA 4	1	" 89	a 17	4	R
	LDATA 4	0	" 88	c 17	23	T
5	LDATA 5	1	" 87	a 16	5	V
	LDATA 5	0	" 86	c 16	24	X
6	LDATA 6	1	" 85	a 15	6	Z
	LDATA 6	0	" 84	c 15	25	b
7	LDATA 7	1	" 83	a 14	7	n
	LDATA 7	0	" 82	c 14	26	k
8	LSTROBE	1	" 81	a 13	8	J
	LSTROBE	0	" 80	c 13	27	m
9	LDEMAND	1	" 79	a 12	9	E
	LDEMAND	0	" 78	c 12	28	C
10	LREADY	1	" 77	a 11	10	CC
	LREADY	0	" 76	c 11	29	EE
11	LONLINE	1	" 75	a 10	11	y
	LONLINE	0	" 74	c 10	30	AA
12	LPAPINSTR	1	" 73	a 9	12	p
	LPAPINSTR	0	" 72	c 9	31	s
13		1	" 71	a 8	13	
		0	" 70	c 8	32	
14		1	" 69	a 7	14	
		0	" 68	c 7	33	
15		1	" 67	a 6	15	
		0	" 66	c 6	34	
16		1	" 65	a 5	16	
		0	" 64	c 5	35	
17		1	" 63	a 4	17	
		0	" 62	c 4	36	
18		1	" 61	a 3	18	
		0	" 60	c 3	37	
19		1	" 59	a 2	1	
		0	" 58	c 2	20	
20		1	" 57	a 1	2	
		0	" 56	c 1	21	
21		1	" 55		3	
		0	" 54		22	

DRAWN BY HO	Remarks	Replacement for:	Date
APPROVED BY		Replaced by	Date
DATE 6.9.79			

NORSK DATA A.S Oslo, Norway	Title CALCOMP PLOTTER CABLING	Drawing no. 4-9430
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NO.	SIGNAL	POLARITY	PLUG BERG	EUROPLUG NORD-100	PLUGPANEL 2x37 pin plug conn.	PLOTTER PLUG ELCO 00-8016-056 000-702	
1	XC1	1	BERG 95	a 20	1	A	
	"	0	" 94	c 20	20	B	
2	XC2	1	" 93	a 19	2	C	
	"	0	" 92	c 19	21	D	
3	XC3	1	" 91	a 18	3	E	
	"	0	" 90	c 18	22	F	
4	XC4	1	" 89	a 17	4	H	
	"	0	" 88	c 17	23	J	
5		1	" 87	a 16	5	L	
		0	" 86	c 16	24	M	
6	XCS	1	" 85	a 15	6	N	
	"	0	" 84	c 15	25	P	
7	XPR	1	" 83	a 14	7	R	
	"	0	" 82	c 14	26	S	
8		1	" 81	a 13	8	T	
		0	" 80	c 13	27	U	
9		1	" 79	a 12	9	W	
		0	" 78	c 12	28	X	
10	RDY	1	" 77	a 11	10	c	
	"	0	" 76	c 11	29	e	
11	GND	1	" 75	a 10	11	f	
	"	0	" 74	c 10	30	f	
12		1	" 73	a 9	12		
		0	" 72	c 9	31		
13		1	" 71	a 8	13		
		0	" 70	c 8	32		
14		1	" 69	a 7	14		
		0	" 68	c 7	33		
15		1	" 67	a 6	15		
		0	" 66	c 6	34		
16		1	" 65	a 5	16		
		0	" 64	c 5	35		
17		1	" 63	a 4	17		
		0	" 62	c 4	36		
18		1	" 61	a 3	18		
		0	" 60	c 3	37		
19		1	" 59	a 2	1		
		0	" 58	c 2	20		
20		1	" 57	a 1	2		
		0	" 56	c 1	21		
21		1	" 55		3		
		0	" 54		22		

DRAWN BY <u>HO</u> APPROVED BY _____ DATE <u>6.9.79</u>	Remarks	Replacement for: _____ Date _____ Replaced by _____ Date _____
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NORSK DATA A.S Oslo, Norway	Title 16 bit Digital Input	Drawing no. 4-9434

NO.	SIGNAL	POLARITY	PLUG BERG	EUROPLUG NORD-100	PLUGPANEL 2x37 pin plug conn.		
1	DA0L	1	BERG 95	a 20	1		
	"	0	" 94	c 20	20		
2	DA1L	1	" 93	a 19	2		
	"	0	" 92	c 19	21		
3	DA2L	1	" 91	a 18	3		
	"	0	" 90	c 18	22		
4	DA3L	1	" 89	a 17	4		
	"	0	" 88	c 17	23		
5	DA4L	1	" 87	a 16	5		
	"	0	" 86	c 16	24		
6	DA5L	1	" 85	a 15	6		
	"	0	" 84	c 15	25		
7	DA6L	1	" 83	a 14	7		
	"	0	" 82	c 14	26		
8	DA7L	1	" 81	a 13	8		
	"	0	" 80	c 13	27		
9	DA8L	1	" 79	a 12	9		
	"	0	" 78	c 12	28		
10	DA9L	1	" 77	a 11	10		
	"	0	" 76	c 11	29		
11	DA10L	1	" 75	a 10	11		
	"	0	" 74	c 10	30		
12	DA11L	1	" 73	a 9	12		
	"	0	" 72	c 9	31		
13	DA12L	1	" 71	a 8	13		
	"	0	" 70	c 8	32		
14	DA13L	1	" 69	a 7	14		
	"	0	" 68	c 7	33		
15	DA14L	1	" 67	a 6	15		
	"	0	" 66	c 6	34		
16	DA15L	1	" 65	a 5	16		
	"	0	" 64	c 5	35		
17	STROBL	1	" 63	a 4	17		
	"	0	" 62	c 4	36		
18	REQ L	1	" 61	a 3	18		
	"	0	" 60	c 3	37		
19	ERRSL	1	" 59	a 2	1		
	"	0	" 58	c 2	20		
20	CWOUTL	1	" 57	a 1	2		
	"	0	" 56	c 1	21		
21		1	" 55		3		
		0	" 54		22		

DRAWN BY HO	Remarks 1041 Card	Replacement for	Date
APPROVED BY		Replaced by	Date
DATE 6.9.79			

NORSK DATA A.S Oslo, Norway	Title	Drawing no.
	ADAPTER FROM ANSLEY TO BURNDY PLUG N-100 - MAIN I/O BUS CONTROL	4-9442

NO.	SIGNAL	POLARITY		MAIN I/O ADAPTER M3001 EURO BUS ADAPTER M3008 CONNECTOR	PLUGPANEL N-100 37PIN D CONN. PIN NO.	BURNDY PLUG ON PLUG PANEL
01	MDRY	0		ba 32	32	P
	MDRY	1		bc 32	13	S
02	MMCL	0		ba 31	31	R
	MMCL	1		bc 31	12	T
03	MINGRANT	0		ba 30	30	U
	MINGRANT	1		bc 30	11	W
04	MIOXE	0		ba 29	29	V
	MIOXE	1		bc 29	10	X
05	MINIDENT	0		ba 28	28	Y
	MINIDENT	1		bc 28	9	AA
06	MINT 10	0		ba 27	27	BB
	MINT 10	1		bc 27	8	Z
07	MINT 11	0		ba 26	26	EE
	MINT 11	1		bc 26	7	CC
08	MINT 12	0		ba 25	25	FF
	MINT 12	1		bc 25	6	DD
09	MINT 13	0		ba 24	24	KK
	MINT 13	1		bc 24	5	HH
10	MINT 15	0		ba 23	23	LL
	MINT 15	1		bc 23	4	JJ
11	MREQ	0		ba 22	22	PP
	MREQ	1		bc 22	3	MM
12	MCONNECT	0		ba 21	21	RR
	MCONNECT	1		bc 21	2	NN
13	MINPUT	0		ba 20	20	UU
	MINPUT	1		bc 20	1	SS
14						
15						
16						
17						
18						
19						
20						

ONLY 13 pairs in cable.

DRAWN BY	HO/kha	Remarks Twisted pairs Used in cable Burndy - Ansley	Replacement for	Date
APPROVED BY			Replaced by	Date
DATE	11.2.80			

NORSK DATA A.S
Oslo, Norway

Title

ADAPTER FROM ANSLEY TO BURNDY
PLUG FOR N-100 MAIN I/O BUS DATA

Drawing no.

4-9443

NO.	SIGNAL	POLARITY	MAIN I/O ADAPTER M3001 EURO BUS ADAPTER M3008 CONNECTOR	PLUGPANEL N-100 37PIN D CONN. PIN NO.	BURNDY PLUG ON PLUG PANEL
01	MBD 15	0	ba 16	35	A
	MBD 15	1	bc 16	16	C
02	MBD 14	0	ba 15	34	B
	MBD 14	1	bc 15	15	D
03	MBD 13	0	ba 14	33	E
	MBD 13	1	bc 14	14	H
04	MBD 12	0	ba 13	32	F
	MBD 12	1	bc 13	13	J
05	MBD 11	0	ba 12	31	K
	MBD 11	1	bc 12	12	M
06	MBD 10	0	ba 11	30	L
	MBD 10	1	bc 11	11	N
07	MBD 9	0	ba 10	29	P
	MBD 9	1	bc 10	10	S
08	MBD 8	0	ba 9	28	R
	MBD 8	1	bc 9	9	T
09	MBD 7	0	ba 8	27	U
	MBD 7	1	bc 8	8	W
10	MBD 6	0	ba 7	26	V
	MBD 6	1	bc 7	7	X
11	MBD 5	0	ba 6	25	Y
	MBD 5	1	bc 6	6	AA
12	MBD 4	0	ba 5	24	Z
	MBD 4	1	bc 5	5	BB
13	MBD 3	0	ba 4	23	CC
	MBD 3	1	bc 4	4	EE
14	MBD 2	0	ba 3	22	DD
	MBD 2	1	bc 3	3	FF
15	MBD 1	0	ba 2	21	HH
	MBD 1	1	bc 2	2	KK
16	MBD 0	0	ba 1	20	JJ
	MBD 0	1	bc 1	1	LL
17					
18					
19					
20					

ONLY 16 pairs in cable.

DRAWN BY HO/kha
APPROVED BY
DATE 11.2.80

Remarks

Twisted cable between
plug Burndy - Ansley

Replacement for Date

Replaced by Date

NORSK DATA A.S
Oslo, Norway

Title

ADAPTER FROM ANSLY TO BURNDY PLUG
FOR MAIN I/O BUS ADDRESS

Drawing no.

4-9444

NO.	SIGNAL	POLARITY	MAIN I/O ADAPTER M3001 EURO BUS ADAPTER M3008 CONNECTOR	2 x 25 PIN D CONNECTOR N-100 PLUG/PANEL	BURNDY PLUG ON PLUG PANEL
01	MBA 15	0	aa 18	6	A
	MBA 15	1	ac 18	18	C
02	MBA 14	0	aa 17	5	B
	MBA 14	1	ac 17	17	D
03	MBA 13	0	aa 16	4	E
	MBA 13	1	ac 16	16	H
04	MBA 12	0	aa 15	3	F
	MBA 12	1	ac 15	15	J
05	MBA 11	0	aa 14	2	K
	MBA 11	1	ac 14	16	M
06	MBA 10	0	aa 13	1	L
	MBA 10	1	ac 13	13	N
07	MBA 9	0	aa 12	25	P
	MBA 9	1	ac 12	12	S
08	MBA 8	0	aa 11	24	R
	MBA 8	1	ac 11	11	T
09	MBA 7	0	aa 10	23	U
	MBA 7	1	ac 10	10	W
10	MBA 6	0	aa 9	22	V
	MBA 6	1	ac 9	9	X
11	MBA 5	0	aa 8	21	Y
	MBA 5	1	ac 8	8	AA
12	MBA 4	0	aa 7	20	Z
	MBA 4	1	ac 7	7	BB
13	MBA 3	0	aa 6	19	CC
	MBA 3	1	ac 6	6	EE
14	MBA 2	0	aa 5	18	DD
	MBA 2	1	ac 5	5	FF
15	MBA 1	0	aa 4	17	HH
	MBA 1	1	ac 4	4	KK
16	MBA 0	0	aa 3	16	JJ
	MBA 0	1	ac 3	3	LL
17	MBA 17	0	aa 2	15	MM
	MBA 17	1	ac 2	2	PP
18	MBA 16	0	aa 1	14	NN
	MBA 16	1	ac 1	1	RR
19					
20					

ONLY 18 pairs in cable.

DRAWN BY HO/kha

Remarks

Replacement for

Date

APPROVED BY

Twisted cable between
plug Burndy - Ansley

Replaced by

Date

DATE 11.2.80

NORSK DATA A.S
Oslo, Norway

Title CONNECTION BETWEEN EURO-
BUS 3008 CARD A CONNECTOR AND
N-10 I/O MAIN BUS ADDRESS USED IN 11-MOD.

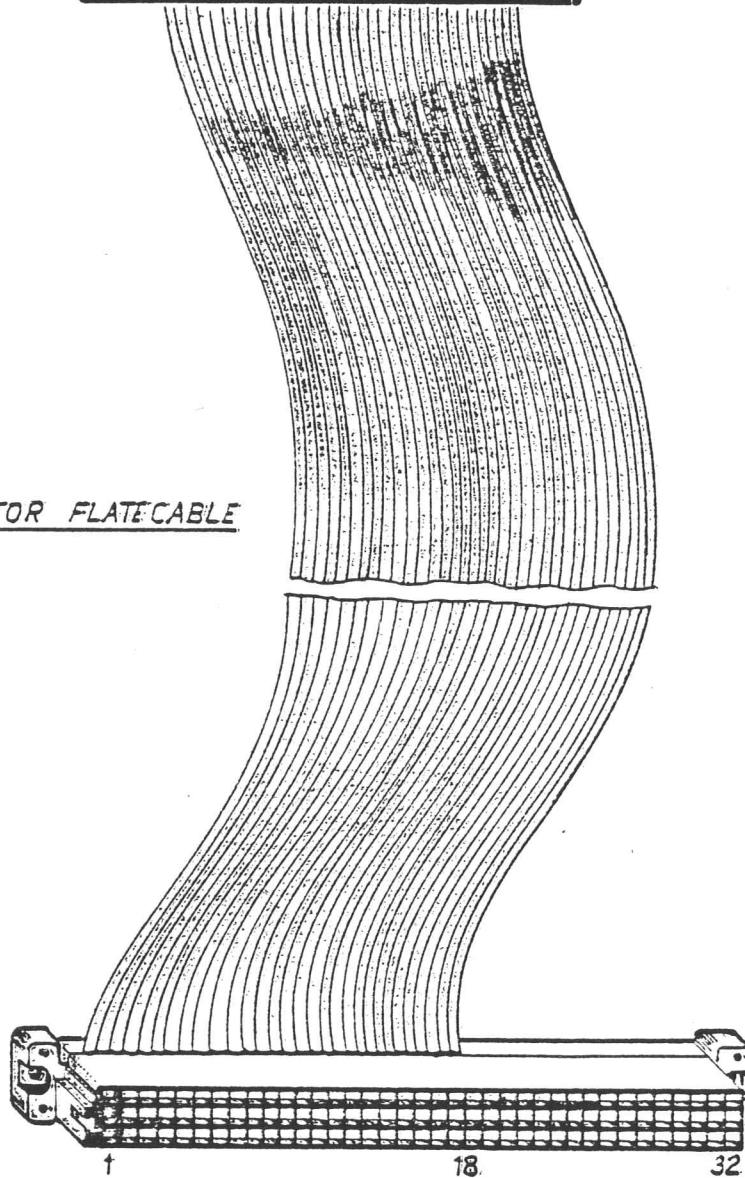
Drawing no.

4-9451

PLUG 3 M 3007



ONLY 36 CONDUCTOR FLAT CABLE



PLUG 3 M 3332 - 0001

TOTAL LENGTH OF CABLE 175 CM

SEE DRAWING NO. 9050

DRAWN BY *MJM*

Remarks

Replacement for Date

APPROVED BY

Replaced by Date

DATE 3.10.80.

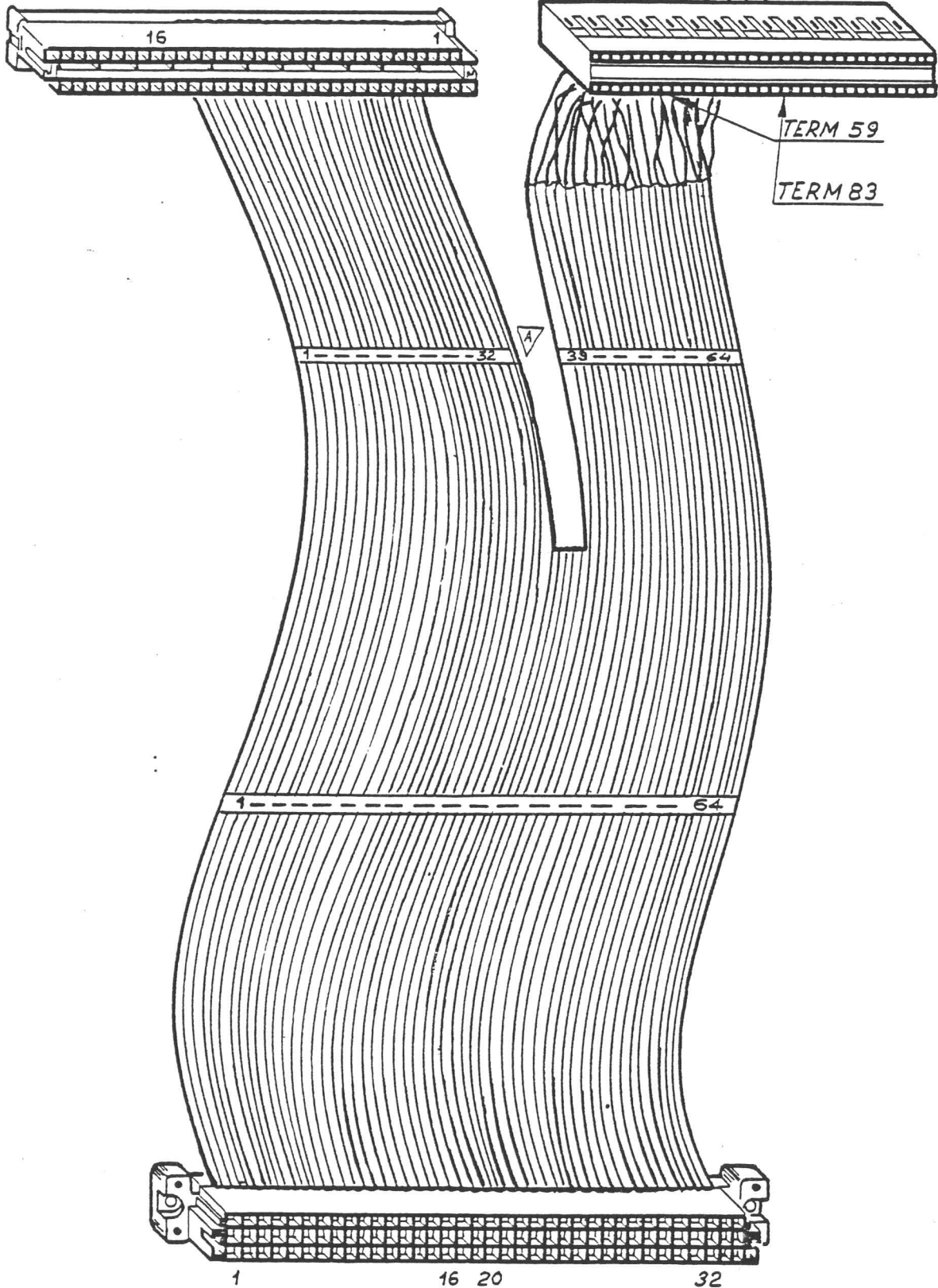
NORSK DATA A.S
Oslo, Norway

Title CONNECTION BETWEEN EUROBUS
3008 CARD B-CONNECTOR N-10/ I/O
MAINBUS DATA AND CONTROL USED IN
11 MODULES CABINET

Drawing no. 4-9452-B

PLUG 3307

22 POS. TRIPPEL BERG PLUG



PLUG 3332 - 0001

TOTAL LENGTH OF CABLE 175CM -SEE DRAWING NO. 9048 & 9049

DRAWN BY *MJM*

APPROVED BY

DATE 8.10.80.

Remarks

▽ term 39 was 38, MJM 6.4.83.

Replacement for Date

Replaced by Date

A/S NORSK DATA-ELEKTRONIKK	Title TTY W/TELEXPLUG (TWX) TDV 2215 W/TELEXPLUG (2215WX)	Drawing no. 4 - 9457 B
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NO.	SIGNAL.	POLARITY	PLUG BERG	CPU POS.	8 PIN BURNDY	8 PIN TELEX 64-908-011 plug or 60-908-011 socket external 60-108-011 socket internal	CANNON DB 25 S
1	SIGN				A	1	24
	GND				B	2	23
2	SIGN				C	4	13
	GND				D	3	12
3	SCREEN				E		
					F	6	
4					G		
5					K		
					M		
6					L		
					N		
7					P		
					S		
8					R		
					T		
9					U		
					W		
10					V		
					X		
11					Y		
					AA		
12					Z		
					BB		
13					CC		
					EE		
14					DD		
					FF		
15					HH		
					KK		
16					JJ		
					LL		
17					MM		
					PP		
18					NN		
					RR		
19					SS		
					UU		
20					TT		
					VV		

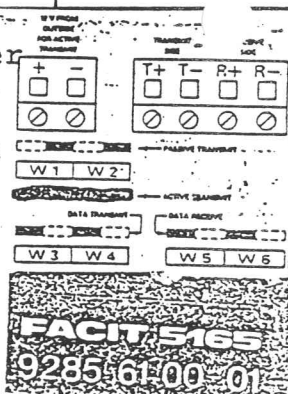
EXT. CABLE: 4 PAIR WITH SCREEN

DRAWN BY HO/ma	Remarks	Replacement for	Date
APPROVED BY		Replaced by	Date
DATE 18.3.81			

NORSK DATA A.S Oslo, Norway	Title TTY W/TELEXPLUG (TWX) TO FACIT 4420	Drawing no. 4-9464
		325316 XX

WIRE NO.	SIGNAL		8 PIN BURNDY	8 PIN TELEX 64-908-011 plug or 60-908-011 socket ext. 60-108-011 socket int.	Adapter Facit 5165 92856100 01
01	SIGN		A	1	T-
	GND		B	2	T+
02	SIGN		C	4	R-
	GND		D	3	R+
03			E		
	SCREEN		H	6	NC
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

In adapter jumper
W1-W2-W3-W4-W5
and W6 must be
linked as shown



EXT. CABLE. 4 PAIR WITH SCREEN
In telex plug, the screen is connected to pin 6.

DRAWN BY HO/ma	Remarks	Replacement for	Date
APPROVED BY		Replaced by	Date
DATE 14.02.83			

NORSK DATA A.S

Title

CABL. INT. DMA/ADDR. EXTENDER
N-10 TO N-100

Drawing No.

322844

WIRE NO	SIGNAL	POLARITY	EUROPLUG PIN NO	CARD 1098 PLUG 1 3M 3307	CARD 1153 PLUG 2 3M 3307
01	MAL 15	0	c 1	95	
02	MAL 15	1	a 1	94	
03	MAL 14	0	c 2	93	
04	MAL 14	1	a 2	92	
05	MAL 13	0	c 3	91	
06	MAL 13	1	a 3	90	
07	MAL 12	0	c 4	89	
08	MAL 12	1	a 4	88	
09	MAL 11	0	c 5	87	
10	MAL 11	1	a 5	86	
11	MAL 10	0	c 6	85	
12	MAL 10	1	a 6	84	
13	MAL 9	0	c 7	83	
14	MAL 9	1	a 7	82	
15	MAL 8	0	c 8	81	
16	MAL 8	1	a 8	80	
17	MAL 7	0	c 9	79	
18	MAL 7	1	a 9	78	
19	MAL 6	0	c 10	77	
20	MAL 6	1	a 10	76	
21	MAL 5	0	c 11	75	
22	MAL 5	1	a 11	74	
23	MAL 4	0	c 12	73	
24	MAL 4	1	a 12	72	
25	MAL 3	0	c 13	71	
26	MAL 3	1	a 13	70	
27	MAL 2	0	c 14	69	
28	MAL 2	1	a 14	68	
29	MAL 1	0	c 15	67	
30	MAL 1	1	a 15	66	
31	MAL 0	0	c 16	65	
32	MAL 0	1	a 16	64	
33	MAL 17	0	c 17		95
34	MAL 17	1	a 17		94
35	MAL 16	0	c 18		93
36	MAL 16	1	a 18		92
37	MWRITE	0	c 19		91
38	MWRITE	1	a 19		90
39	MREO	0	c 20		89
40	MREO	1	a 20		88
41	MAL 18	0	c 21		87
42	MAL 18	1	a 21		86
43	MAL 19	0	c 22		85
44	MAL 19	1	a 22		84
45	MAL 20	0	c 23		83
46	MAL 20	1	a 23		82
47	MAL 21	0	c 24		81
48	MAL 21	1	a 24		80
49	MAL 22	0	c 25		79
50	MAL 22	1	a 25		78
51	MAL 23	0	c 26		77
52	MAL 23	1	a 26		76
53			c 27		75
54			a 27		74
55			c 28		73
56	WE	0	a 28		NC
57			c 29		NC
58	AC 16	0	a 29		NC
59			c 30		69
60			a 30		68
61			c 31		67
62			a 31		66
63			c 32		65
64			a 32		64

INTERNAL CABLE TYPE : 64 WIRE FLATCABLE
 EXTERNAL CABLE TYPE 1:
 EXTERNAL CABLE TYPE 2:
 EXTERNAL CABLE TYPE 3:
 EXTERNAL CABLE TYPE 4:

Drawn by HO/ma	Remarks	Replacement for	Date
Approved		Replaced by	Date
Date 07.11.83			

NORSK DATA A.S		Title PERTEC M-T CONTROLLER INTERNAL CABLE N-100				Drawing No. 3-9312	
WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO.	PLUGPANEL PIN NO.	DEVICE PLUG PIN NO.		
01	TAD 0	0	Ac1				
02	FAD	0	Aa1				
03	TAD 1	0	Ac2				
04	GND		Aa2				
05	GO	0	Ac3				
06	GND		Aa3				
07	THR 2, 2WD	0	Ac4				
08	GND		Aa4				
09	OFL	0	Ac5				
10	REW	0	Aa5				
11	FEN	0	Ac6				
12	GND		Aa6				
13	DA 0, W1	0	Ac7				
14	GND		Aa7				
15	DA 1, W1	0	Ac8				
16	REV, W2	0	Aa8				
17	GND		Ac9				
18	WRT, W3	0	Aa9				
19	GND		Ac10				
20	ERASC, W4	0	Aa10				
21	WFM, W5	0	Ac11				
22	ONL	0	Aa11				
23	EDIT, W6	0	Ac12				
24	GND		Aa12				
25	PAR, W7	0	Ac13				
26	FPT	0	Aa13				
27	LDP	0	Ac14				
28	DBY	0	Aa14				
29	GND		Ac15				
30	FBY	0	Aa15				
31	HER	0	Ac16				
32	GND		Aa16				
33	CCG	0	Ac17				
34	GND		Aa17				
35	FMK	0	Ac18				
36	GND		Aa18				
37	CER	0	Ac19				
38	GND		Aa19				
39			Ac20				
40	RDY	0	Aa20				
41	GND		Ac21				
42			Aa21				
43	EOT	0	Ac22				
44			Aa22				
45	GND		Ac23				
46	WSTR	0	Aa23				
47	GND		Ac24				
48	RSTR	0	Aa24				
49	GND		Ac25				
50	R 0	0	Aa25				
51	GND		Ac26				
52	R 1	0	Aa26				
53	GND		Ac27				
54	R 2	0	Aa27				
55	GND		Ac28				
56	R 3	0	Aa28				
57	GND		Ac29				
58	R 4	0	Aa29				
59	GND		Ac30				
60	R 5	0	Aa30				
61	GND		Ac31				
62	R 6	0	Aa31				
63	GND		Ac32				
64	R 7	0	Aa32				

INTERNAL CABLE TYPE : 64 wire flat cable Ref. drawing 9006
EXTERNAL CABLE TYPE 1: Ref drawing 3-9339
EXTERNAL CABLE TYPE 2: Ref drawing 3-9340
EXTERNAL CABLE TYPE 3:
EXTERNAL CABLE TYPE 4:

Drawn by	SEJ	Remarks A-CONNECTOR 3006 1:1 with 64 pin flat cable connector in both ends.	Replacement for	Date
Approved			3-9312	14.06.79
Date	21.08.79		Replaced by	Date

NORSK DATA A.S

Title

BUS ADDRESS (N-10 BUS)
INTERNAL CABLE FOR N-100

Drawing No.

3-9313

WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO.	PLUGPANEL 2x25 PIN "D" plug connector PIN NO.	DEVICE PLUG PIN NO.		
1	MBA 16	1	c 1	1			
2	MBA 16	0	a 1	14			
3	MBA 17	1	c 2	2			
4	MBA 17	0	a 2	15			
5	MBA 0	1	c 3	3			
6	MBA 0	0	a 3	16			
7	MBA 1	1	c 4	4			
8	MBA 1	0	a 4	17			
9	MBA 2	1	c 5	5			
10	MBA 2	0	a 5	18			
11	MBA 3	1	c 6	6			
12	MBA 3	0	a 6	19			
13	MBA 4	1	c 7	7			
14	MBA 4	0	a 7	20			
15	MBA 5	1	c 8	8			
16	MBA 5	0	a 8	21			
17	MBA 6	1	c 9	9			
18	MBA 6	0	a 9	22			
19	MBA 7	1	c 10	10			
20	MBA 7	0	a 10	23			
21	MBA 8	1	c 11	11			
22	MBA 8	0	a 11	24			
23	MBA 9	1	c 12	12			
24	MBA 9	0	a 12	25			
25	MBA 10	1	c 13	13			
25	MBA 10	0	a 13	1			
27	MBA 11	1	c 14	14			
28	MBA 11	0	a 14	2			
29	MBA 12	1	c 15	15			
30	MBA 12	0	a 15	3			
31	MBA 13	1	c 16	16			
32	MBA 13	0	a 16	4			
33	MBA 14	1	c 17	17			
34	MBA 14	0	a 17	5			
35	MBA 15	1	c 18	18			
36	MBA 15	0	a 18	6			
37	MBA 18	1	c 19	19			
38	MBA 18	0	a 19	7			
39	MBA 19	1	c 20	20			
40	MBA 19	0	a 20	8			
41	MBA 20	1	c 21	21			
42	MBA 20	0	a 21	9			
43	MBA 21	1	c 22	22			
44	MBA 21	0	a 22	10			
45	MBA 22	1	c 23	23			
46	MBA 22	0	a 23	11			
47	MBA 23	1	c 24	24			
48	MBA 23	0	a 24	12			
49			c 25	25			
50			a 25	13			
51			c 26				
52			a 26				
53			c 27				
54			a 27				
55			c 28				
56			a 28				
57	MDB 19	1	c 29				
58	MDB 19	0	a 29				
59	MDB 18	1	c 30				
60	MDB 18	0	a 30				
61	MDE 17	1	c 31				
62	MDB 17	0	a 31				
63	MDB 16	1	c 32				
64	MDB 16	0	a 32				

Future extensions

INTERNAL CABLE TYPE : 50 wire flatcable
 EXTERNAL CABLE TYPE 1:
 EXTERNAL CABLE TYPE 2:
 EXTERNAL CABLE TYPE 3:
 EXTERNAL CABLE TYPE 4:

Drawn by	Remarks A-counter on 3008	Replacement for	Date
Approved		Replaced by	Date
Date			

NORSK DATA A.S	Title BUS DATA (N-10 BUS) BUS CONTROL INTERNAL CABLE FOR N-100	Drawing No. 3-9314
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WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO.	PLUGPANEL 2x37 pin "D" connector PIN NO.	DEVICE PLUG PIN NO.		
1	MBD 0	1	c 1	1			
2	MBD 0	0	a 1	20			
3	MBD 1	1	c 2	2			
4	MBD 1	0	a 2	21			
5	MBD 2	1	c 3	3			
6	MBD 2	0	a 3	22			
7	MBD 3	1	c 4	4			
8	MBD 3	0	a 4	23			
9	MBD 4	1	c 5	5			
10	MBD 4	0	a 5	24			
11	MBD 5	1	c 6	6			
12	MBD 5	0	a 6	25			
13	MBD 6	1	c 7	7			
14	MBD 6	0	a 7	26			
15	MBD 7	1	c 8	8			
16	MBD 7	0	a 8	27			
17	MBD 8	1	c 9	9			
18	MBD 8	0	a 9	28			
19	MBD 9	1	c 10	10			
20	MBD 9	0	a 10	29			
21	MBD 10	1	c 11	11			
22	MBD 10	0	a 11	30			
23	MBD 11	1	c 12	12			
24	MBD 11	0	a 12	31			
25	MBD 12	1	c 13	13			
26	MBD 12	0	a 13	32			
27	MBD 13	1	c 14	14			
28	MBD 13	0	a 14	33			
29	MBD 14	1	c 15	15			
30	MBD 14	0	a 15	34			
31	MBD 15	1	c 16	16			
32	MBD 15	0	a 16	35			
33			c 17				
34			a 17				
35			c 18				
36			a 18				
37			c 19				
38			a 19				
39	MINPUT	0	c 20	1			
40	MINPUT	1	a 20	20			
41	MCONNECT	0	c 21	2			
42	MCONNECT	1	a 21	21			
43	MREQ	0	c 22	3			
44	MREQ	1	a 22	22			
45	MINT 15	0	c 23	4			
46	MINT 15	1	a 23	23			
47	MINT 13	0	c 24	5			
48	MINT 13	1	a 24	24			
49	MINT 12	0	c 25	6			
50	MINT 12	1	a 25	25			
51	MINT 11	0	c 26	7			
52	MINT 11	1	a 26	26			
53	MINT 10	0	c 27	8			
54	MINT 10	1	a 27	27			
55	IDENTIL	1	c 28	9			
56	IDENTIL	0	a 28	28			
57	MIOXE	1	c 29	10			
58	MIOXE	0	a 29	29			
59	GRANTL	1	c 30	11			
60	GRANTL	0	a 30	30			
61	MCLI	1	c 31	12			
62	MCLI	0	a 31	31			
63	DRYL	1	c 32	13			
64	DRYL	0	a 32	32			

INTERNAL CABLE TYPE : 64 wire flatcable
 EXTERNAL CABLE TYPE 1:
 EXTERNAL CABLE TYPE 2:
 EXTERNAL CABLE TYPE 3:
 EXTERNAL CABLE TYPE 4:

Drawn by	Remarks B-connector on 3008	Replacement for	Date
Approved		Replaced by	Date
Date			

NORSK DATA A.S	Title MEM DATA + CONTROL INTERNAL CABLE FOR N-100	Drawing No. 3-9315
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WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO.	PLUGPANEL 50 pin plug connector PIN NO.	DEVICE PLUG PIN NO.		
1	BDL 15	0	c 1	1			
2	BDL 15	1	a 1	2			
3	BDL 14	0	c 2	3			
4	BDL 14	1	a 2	4			
5	BDL 13	0	c 3	5			
6	BDL 13	1	a 3	6			
7	BDL 12	0	c 4	7			
8	BDL 12	1	a 4	8			
9	BDL 11	0	c 5	9			
10	BDL 11	1	a 5	10			
11	BDL 10	0	c 6	11			
12	BDL 10	1	a 6	12			
13	BDL 9	0	c 7	13			
14	BDL 9	1	a 7	14			
15	BDL 8	0	c 8	15			
16	BDL 8	1	a 8	16			
17	BDL 7	0	c 9	17			
18	BDL 7	1	a 9	18			
19	BDL 6	0	c 10	19			
20	BDL 6	1	a 10	20			
21	BDL 5	0	c 11	21			
22	BDL 5	1	a 11	22			
23	BDL 4	0	c 12	23			
24	BDL 4	1	a 12	24			
25	BDL 3	0	c 13	25			
26	BDL 3	1	a 13	26			
27	BDL 2	0	c 14	27			
28	BDL 2	1	a 14	28			
29	BDL 1	0	c 15	29			
30	BDL 1	1	a 15	30			
31	BDL 0	0	c 16	31			
32	BDL 0	1	a 16	32			
33	BDL 17	0	c 17	33			
34	BDL 17	1	a 17	34			
35	BDL 16	0	c 18	35			
36	BDL 16	1	a 18	36			
37	ARL	0	c 19	37			
38	ARL	1	a 19	38			
39	DRL	0	c 20	39			
40	DRL	1	a 20	40			
41			c 21				
42			a 21				
43			c 22				
44			a 22				
45			c 23				
46			a 23				
47			c 24				
48			a 24				
49			c 25				
50			a 25				
51			c 26				
52			a 26				
53			c 27				
54			a 27				
55			c 28				
56			a 28				
57			c 29				
58			a 29				
59			c 30				
60			a 30				
61			c 31				
62			a 31				
63			c 32				
64			a 32				

INTERNAL CABLE TYPE : 50 wire flatcable
 EXTERNAL CABLE TYPE 1:
 EXTERNAL CABLE TYPE 2:
 EXTERNAL CABLE TYPE 3:
 EXTERNAL CABLE TYPE 4:

Drawn by	<i>RI/kho</i>	Remarks	Replacement for	Date
Approved		B-connector on 3003	Replaced by	Date
Date	<i>15.2.79</i>			

NORSK DATA A.S	Title MPM ADDRESS + CONTROL INTERNAL CABLE FOR N-100	Drawing No. 3-9316
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WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO.	PLUGPANEL 50 pin plug connector PIN NO.	DEVICE PLUG PIN NO.		
1	BAL 15	0	c 1	1			
2	BAL 15	1	a 1	2			
3	BAL 14	0	c 2	3			
4	BAL 14	1	a 2	4			
5	BAL 13	0	c 3	5			
6	BAL 13	1	a 3	6			
7	BAL 12	0	c 4	7			
8	BAL 12	1	a 4	8			
9	BAL 11	0	c 5	9			
10	BAL 11	1	a 5	10			
11	BAL 10	0	c 6	11			
12	BAL 10	1	a 6	12			
13	BAL 9	0	c 7	13			
14	BAL 9	1	a 7	14			
15	BAL 8	0	c 8	15			
16	BAL 8	1	a 8	16			
17	BAL 7	0	c 9	17			
18	BAL 7	1	a 9	18			
19	BAL 6	0	c 10	19			
20	BAL 6	1	a 10	20			
21	BAL 5	0	c 11	21			
22	BAL 5	1	a 11	22			
23	BAL 4	0	c 12	23			
24	BAL 4	1	a 12	24			
25	BAL 3	0	c 13	25			
26	BAL 3	1	a 13	26			
27	BAL 2	0	c 14	27			
28	BAL 2	1	a 14	28			
29	BAL 1	0	c 15	29			
30	BAL 1	1	a 15	30			
31	BAL 0	0	c 16	31			
32	BAL 0	1	a 16	32			
33	BAL 17	0	c 17	33			
34	BAL 17	1	a 17	34			
35	BAL 16	0	c 18	35			
36	BAL 16	1	a 18	36			
37	WRITEI	0	c 19	37			
38	WRITEI	1	a 19	38			
39	REQI	0	c 20	39			
40	REQI	1	a 20	40			
41	BAL 18	0	c 21	41			
42	BAL 18	1	a 21	42			
43	BAL 19	0	c 22	43			
44	BAL 19	1	a 22	44			
45	BAL 20	0	c 23	45			
46	BAL 20	1	a 23	46			
47	BAL 21	0	c 24	47			
48	BAL 21	1	a 24	48			
49			c 25	49			
50			a 25	50			
51			c 26				
52			a 26				
53			c 27				
54			a 27				
55			c 28				
56			a 28				
57			c 29				
58			a 29				
59			c 30				
60			a 30				
61			c 31				
62			a 31				
63			c 32				
64			a 32				

INTERNAL CABLE TYPE : 50 wire flatcable
 EXTERNAL CABLE TYPE 1:
 EXTERNAL CABLE TYPE 2:
 EXTERNAL CABLE TYPE 3:
 EXTERNAL CABLE TYPE 4:

Drawn by <i>RI/kho</i> Approved Date <i>15.2.79</i>	Remarks A-connector 3003	Replacement for Replaced by	Date Date
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NORSK DATA A.S		Title 4 TERMINAL INTERFACES FOR N-100			Drawing No. 3-9318	
WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO.	PLUG PANEL FEMALE EXT. CAB. MALE COVER MAPPING 25 PIN PLUG PIN NO.	DEVICE PLUG PIN NO.	
1	CHASSIS		c 1	1		
2			a 1	14		
3	TXD		c 2	2		
4	II+		a 2	15		
5	RXD		c 3	3		
6	I2-		a 3	16		
7	RTS		c 4	4		TERMINAL 1
8	O1+		a 4	17		
9	RFS		c 5	5		
10	O2-		a 5	18		
11	DSR		c 6	6		
12			a 6	19		
13	GND		c 7	7		
14	DTR		a 7	20		
15	SIGN. DET.		c 8	3		
16			a 8	21		
17	CHASSIS		c 9	1		
18			a 9	14		
19	TXD		c 10	2		
20	II+		a 10	15		
21	RXD		c 11	3		
22	I2-		a 11	16		
23	RTS		c 12	4		TERMINAL 2
24	O1+		a 12	17		
25	RFS		c 13	5		
26	O2-		a 13	18		
27	DSR		c 14	6		
28			a 14	19		
29	GND		c 15	7		
30	DTR		a 15	20		
31	SIGN. DET.		c 16	3		
32			a 16	21		
33	CHASSIS		c 17	1		
34			a 17	14		
35	TXD		c 18	2		
36	II+		a 18	15		
37	RXD		c 19	3		
38	I2-		a 19	16		
39	RTS		c 20	4		TERMINAL 3
40	O1+		a 20	17		
41	RFS		c 21	5		
42	O2-		a 21	18		
43	DSR		c 22	6		
44			a 22	19		
45	GND		c 23	7		
46	DTR		a 23	20		
47	SIGN. DET.		c 24	3		
48			a 24	21		
49	CHASSIS		c 25	1		
50			a 25	14		
51	TXD		c 26	2		
52	II+		a 26	15		
53	RXD		c 27	3		
54	I2-		a 27	16		TERMINAL 4
55	RTS		c 28	4		
56	O1+		a 28	17		
57	RFS		c 29	5		
58	O2-		a 29	18		
59	DSR		c 30	6		
60			a 30	19		
61	GND		c 31	7		
62	DTR		a 31	20		
63	SIGN. DET.		c 32	3		
64			a 32	21		

INTERNAL CABLE TYPE : 64 wire flatcable
EXTERNAL CABLE TYPE 1:
EXTERNAL CABLE TYPE 2:
EXTERNAL CABLE TYPE 3:
EXTERNAL CABLE TYPE 4:

Drawn by HO/kha	Remarks	Replacement for	Date
Approved		Replaced by	Date
Date 26.11.79			

NORSK DATA A.S

Title

10 Mb DISC 3004
INTERNAL CABLE N-100

Drawing NO.

3-9323

WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO.	PLUG/PANEL PIN NO.	DEVICE PLUG PIN NO.
01	GND		c 1		
02	GND		a 1		
03	USB 2	0	c 2		
04			a 2		
05	SEEK ERROR	0	c 3		
06			a 3		
07			c 4		
08			a 4		
09			c 5		
10			a 5		
11	TA 7	0	c 6		
12			a 6		
13	DHS 1	0	c 7		
14	DRITZ	0	a 7		
15	GND		c 8		
16	USB 16	0	a 8		
17	TA 1		c 9		
18	DTAS	0	a 9		
19	TERMON	1	c 10		
20	USB 8	0	a 10		
21	USB 4	0	c 11		
22	FAULT	0	a 11		
23	DWG	0	c 12		
24	TA 8	0	a 12		
25	USB 1	0	c 13		
26	DHS 0	0	a 13		
27	INDEX	0	c 14		
28	TA 4	0	a 14		
29	SECTOR	0	c 15		
30	CREADY	0	a 15		
31	TA 6	0	c 16		
32	GND		a 16		
33	TA 3	0	c 17		
34	WPED	0	a 17		
35	TA 5	0	c 18		
36			a 18		
37	DEG	0	c 19		
38	WP	0	a 19		
39	TA 0		c 20		
40	TA 2	0	a 20		
41	DRG	0	c 21		
42	RRD	0	a 21		
43			c 22		
44	CRC	0	a 22		
45	CEYL	0	c 23		
46	US 1	0	a 23		
47	US 2	0	c 24		
48	US 4	0	a 24		
49	US 3	0	c 25		
50	DWD	0	a 25		
51			c 26		
52			a 26		
53			c 27		
54			a 27		
55			c 28		
56			a 28		
57			c 29		
58			a 29		
59			c 30		
60			a 30		
61			c 31		
62			a 31		
63			c 32		
64			a 32		

INTERNAL CABLE TYPE 1: 64 wire flat cable Ref. drawing 9005
 EXTERNAL CABLE TYPE 1: Ref. drawing 3-9341
 EXTERNAL CABLE TYPE 2: Ref. drawing 3-9342
 EXTERNAL CABLE TYPE 3:
 EXTERNAL CABLE TYPE 4:

Drawn by SEJ

Approved

Date 21.08.79

Remarks

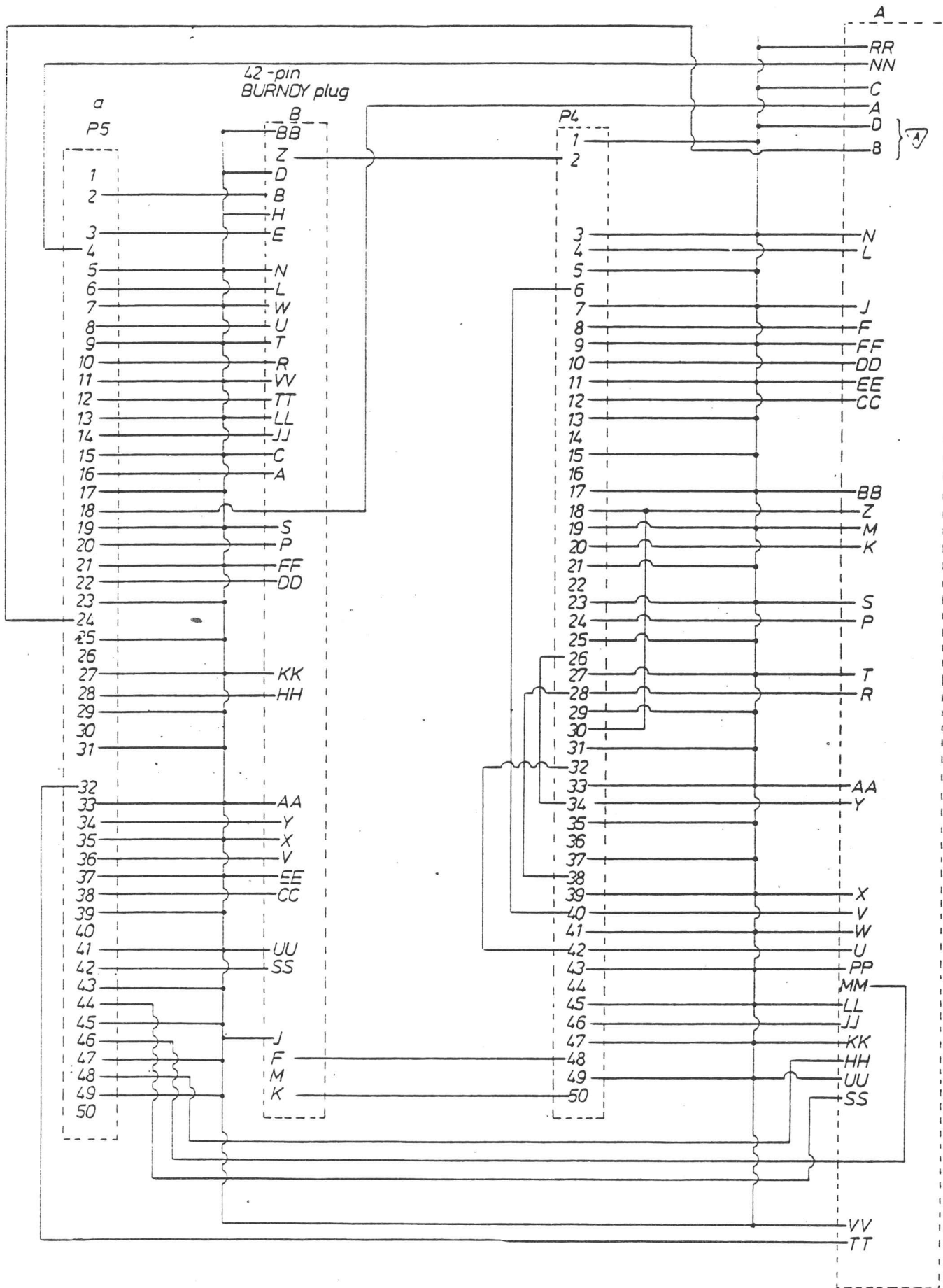
A-connector 3004
1:1 with 64 pin flat cable
connector in both ends.

Replacement for 3-9323

Date 15.02.79

Replaced by

Date



corrected MJM 12.3.81.

PERTEC PLUG PANEL, 1980	Board no.	Drawn 15/88
		Contr.
		Appr.
Replacement for		
NORSK DATA A.S. Oslo, Norway		3-9389-E

NORSK DATA A.S

Title

Operator Panel
Console terminal N-100

Drawing No.

3-9324

WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO.	PLUGPANEL 25 pin + 37 pin "D"-connector PIN NO.	DEVICE PLUG 40 pin select conn. PIN NO.	PANEL DISPLAY PLUG 20 pin HEADER
1	GND		c 1			
2	GND		a 1			
3	ALD 2		c 2			
4	ALD 3		a 2			
5	ALD 0		c 3			
6	ALD 1		a 3			
7	BS 2		c 4			
8	BS 3		a 4			
9	BS 0		c 5			
10	BS 1		a 5			
11	GND		c 6	11		
12	GND		a 6	14		
13	NC		c 7	2		
14	I1+		a 7	15		
15	NC		c 8	3		
16	I2-		a 8	16		
17	NC		c 9	4		
18	O1+		a 9	17		
19	NC		c 10	5		
20	O2-		a 10	18		
21	GND		c 11			
22	GND		a 11			
23	SWRST	0	c 12			
24	SWRST	1	a 12			
25	SWSIN	0	c 13			
26	SWSIN	1	a 13			
27	SWCONT	0	a 13			
28	SWCONT	1	a 14			
29	SWLD	0	c 15	37	36	
30	SWLD	1	a 15	18	35	
31	SWMCL	0	c 16	36	34	
32	GND		a 16	17	33	
33	SWSTP	0	c 17	35	32	
34	GND		a 17	16	31	
35	RUN	0	c 18	34	30	
36	GND		a 18	15	29	
37	ENAUTO	0	c 19	33	28	
38	GND		a 19	14	27	
39	LOCK	0	c 20	32	26	
40	GND		a 20	13	25	
41	CONSOLE	0	c 21	31	24	
42	GND		a 21	12	23	
43	+5V	0	c 22	30	22	
44	GND		a 22	11	21	# 2
45	POWOFF	0	c 23	29	20	
46	GND	0	a 23	10	19	
47	DPO	0	c 24	28	18	3
48	GND		a 24	9	17	4
49	DP1	0	c 25	27	16	5
50	GND		a 25	8	15	6
51	DP2	0	c 26	26	14	7
52	GND		a 26	7	13	8
53	DP3	0	c 27	25	12	9
54	GND		a 27	6	11	10
55	DP4	0	c 28	24	10	11
56	GND		a 28	5	9	12
57	DP5	0	c 29	23	8	13
58	GND		a 29	4	7	14
59	CONSOLE	0	c 30	22	6	15
60	ON 2	0	a 30	3	5	16
61	+12V		c 31	21	4	17
62	+5V		a 31	2	3	18
63	GND		c 32	20	2	19
64	GND		a 32	1	1	20

INTERNAL CABLE TYPE : 64 wire flatcable
 EXTERNAL CABLE TYPE 1:
 EXTERNAL CABLE TYPE 2: 36 wire flatcable
 EXTERNAL CABLE TYPE 3: 20 wire flatcable
 EXTERNAL CABLE TYPE 4:

Drawn by	Remarks A-connector on 3002	Replacement for	Date
Approved		Replaced by	Date
Date			

NORSK DATA A.S

Title

CABLE FOR N-100
AUTOLOAD (322637)

Drawing No.

3-9325

WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO.	PROGRAMMED 25 PIN "D" CONNECTOR PIN NO.	DEVICE PINS PIN NO.
01	CLOAD ₀		c1	1	
02	CND		a1	14	
03			c2	2	
04			a2	15	
05			c3	3	
06			a3	16	
07			c4	4	
08			a4	17	
09			c5	5	
10			a5	18	
11			c6	6	
12			a6	19	
13			c7	7	
14			a7	20	
15			c8	8	
16			a8	21	
17			c9	9	
18			a9	22	
19			c10	10	
20			a10	23	
21			c11	11	
22			a11	24	
23			c12	12	
24			a12	25	
25			c13	13	
26			a13		
27			c14		
28			a14		
29			c15		
30			a15		
31			c16		
32			a16		
33			c17		
34			a17		
35			c18		
36			a18		
37			c19		
38			a19		
39			c20		
40			a20		
41			c21		
42			a21		
43			c22		
44			a22		
45			c23		
46			a23		
47			c24		
48			a24		
49			c25		
50			a25		
51			c26		
52			a26		
53			c27		
54			a27		
55			c28		
56			a28		
57			c29		
58			a29		
59			c30		
60			a30		
61			c31		
62			a31		
63			c32		
64			a32		

INTERNAL CABLE TYPE : 25 wire Flat Cable
 EXTERNAL CABLE TYPE 1:
 EXTERNAL CABLE TYPE 2:
 EXTERNAL CABLE TYPE 3:
 EXTERNAL CABLE TYPE 4:

Drawn by
HO/kha
 Approved
 Date
25.6.79

Remarks
 A-connector 3015

Replacement for
Date
 Replaced by
Date

NORSK DATA A.S

Title

INTERNAL CABLE N-100 HDLC

Drawing No.

3-9326

WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO.	PLUGPANEL 2x25 PIN D CONNECTOR PIN NO.	DEVICE PLUG PIN NO.
01			c1	1	
02			a1	14	
03	TDA		c2	2	
04	TCL		a2	15	
05	RDA		c3	3	
06			a3	16	
07	RTS		c4	4	
08	RCL		a4	17	
09	RFS		c5	5	
10			a5	18	
11	DSR		c6	6	
12			a6	19	
13	GND		c7	7	
14	DTR		a7	20	
15	SD		c8	8	
16			a8	21	
17			c9	9	
18	RI		a9	22	
19			c10	10	
20			a10	23	
21			c11	11	
22			a11	24	
23			c12	12	
24			a12	25	
25			c13	13	
26			a13		
27			c14		
28			a14		
29			c15	1	
30	TB		a15	14	
31	TA		c16	2	
32	TxCB (CB)		a16	15	
33	TxCA (CA)		c17	3	
34	SB		a17	16	
35	RA		c18	4	
36	TxCB (IB)		a18	17	
37	TxCA (IA)		c19	5	
38	RxCB (SA)		a19	18	
39	RxCA (SB)		c20	6	
40			a20	19	
41			c21	7	
42			a21	20	
43			c22	8	
44			a22	21	
45			c23	9	
46	RFS		a23	22	
47	ROTS		c24	10	
48	DSR		a24	23	
49	H		c25	11	
50	SD		a25	24	
51					
52					
53					
54					
55					
56					
57					
58					
59					
60					
61					
62					
63					
64					

INTERNAL CABLE TYPE : 50 wire Flat cable
 EXTERNAL CABLE TYPE 1:
 EXTERNAL CABLE TYPE 2:
 EXTERNAL CABLE TYPE 3:
 EXTERNAL CABLE TYPE 4:

Drawn by HO/kha	Remarks B-connector 3015	Replacement for	Date
Approved		Replaced by	Date
Date 25.6.79			

NORSK DATA A.S

Title

FLOPPY DISC CABLE FOR N-100

Drawing No.

3-9327

WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO.	PLUG/PANEL 2x25 PIN plug connector PIN NO.	DEVICE PLUG 50-pin card-edge conn. PIN NO.	BURNDY 42P
1			c 1	1	1	
2			a 1	14	2	
3	GND		c 2	2	3	X
4	LDADR	0	a 2	15	4	V
5	GND		c 3	3	5	VU
6	LDIFF	0	a 3	16	6	TT
7	GND		c 4	4	7	AA
8	TDLR	0	a 4	17	8	Y
9	GND		c 5	5	9	YU
10	LSECT	0	a 5	18	10	SS
11	GND		c 6	6	11	EE
12	TREQ	0	a 6	19	12	Z
13	GND		c 7	7	13	KK
14	TGRANT	0	a 7	20	14	HH
15	GND		c 8	8	15	LL
16	GSENS	0	a 8	21	16	Ja
17	GND		c 9	9	17	PF
18	GSTAT	0	a 9	22	18	MM
19	GND		c 10	10	19	EE
20	DINT	0	a 10	23	20	CC
21	GND		c 11	11	21	FE
22	DBUSY	0	a 11	24	22	DD
23	GND		c 12	12	23	RR
24	LCOM	0	a 12	25	24	NN
25	GND		c 13	13	25	T
26	TBUSY 0	0	a 13	1	26	IR
27	GND		c 14	14	27	S
28	TBUSY 1	0	a 14	2	28	P
29	GND		c 15	15	29	N
30	TBUSY 2	0	a 15	3	30	L
31	GND		c 16	16	31	M
32	TBUSY 3	0	a 16	4	32	K
33	GND		c 17	17	33	J
34	TBUSY 4	0	a 17	5	34	F
35	GND		c 18	18	35	H
36	TBUSY 5	0	a 18	6	36	E
37	GND		c 19	19	37	D
38	TBUSY 6	0	a 19	7	38	B
39	GND		c 20	20	39	C
40	TBUSY 7	0	a 20	8	40	A
41	GND		c 21	21	41	W
42	RESET	0	a 21	9	42	U
43	GND		c 22	22	43	
44	OPT. INPUT	0	a 22	10	44	
45			c 23	23	45	
46			a 23	11	46	
47			c 24	24	47	
48			a 24	12	48	
49			c 25	25	49	
50			a 25	13	50	
51			c 26			
52			a 26			
53			c 27			
54			a 27			
55			c 28			
56			a 28			
57			c 29			
58			a 29			
59			c 30			
60			a 30			
61			c 31			
62			a 31			
63			c 32			
64			a 32			

INTERNAL CABLE TYPE : 50 wire flatcable
 EXTERNAL CABLE TYPE 1: 50 wire mantled flatcable
 EXTERNAL CABLE TYPE 2:
 EXTERNAL CABLE TYPE 3:
 EXTERNAL CABLE TYPE 4:

Drawn by <i>RI/kho</i>	Remarks A-connector on 3010 3014	Replacement for	Date
Approved		Replaced by	Date
Date <i>15.2.79</i>			

NORSK DATA A.S

Title

INTERNAL CABLE N-100

Drawing No.

3-9331

CAMAC ADDRESS

WIRE NO.	SIGNAL	POLARITY	EUROPLUG PIN NO.	PLUGPANEL 2x25 PIN "D" PLUG CONNECTOR PIN NO.	DEVICE PLUG 132 PIN PIN NO.	DEVICE PLUG 88 PIN PIN NO.
01	MBA 16	1	c 1	1	53	
02	MBA 16	0	a 1	14	70	
03	MBA 17	1	c 2	2	54	
04	MBA 17	0	a 2	15	71	
05	MBA 0	1	c 3	3	18	33
06	MBA 0	0	a 3	16	37	34
07	MBA 1	1	c 4	4	19	35
08	MBA 1	0	a 4	17	38	36
09	MBA 2	1	c 5	5	20	37
10	MBA 2	0	a 5	18	39	38
11	MBA 3	1	c 6	6	21	39
12	MBA 3	0	a 6	19	40	40
13	MBA 4	1	c 7	7	22	41
14	MBA 4	0	a 7	20	58	42
15	MBA 5	1	c 8	8	42	43
16	MBA 5	0	a 8	21	59	44
17	MBA 6	1	c 9	9	43	45
18	MBA 6	0	a 9	22	60	46
19	MBA 7	1	c 10	10	44	47
20	MBA 7	0	a 10	23	61	48
21	MBA 8	1	c 11	11	45	49
22	MBA 8	0	a 11	24	62	50
23	MBA 9	1	c 12	12	46	51
24	MBA 9	0	a 12	25	63	52
25	MBA 10	1	c 13	13	47	53
26	MBA 10	0	a 13	1	64	54
27	MBA 11	1	c 14	14	48	55
28	MBA 11	0	a 14	2	65	56
29	MBA 12	1	c 15	15	49	57
30	MBA 12	0	a 15	3	66	58
31	MBA 13	1	c 16	16	50	59
32	MBA 13	0	a 16	4	67	60
33	MBA 14	1	c 17	17	51	61
34	MBA 14	0	a 17	5	68	62
35	MBA 15	1	c 18	18	52	63
36	MBA 15	0	a 18	6	69	64
37	MBA 18	1	c 19	19		
38	MBA 18	0	a 19	7		
39	MBA 19	1	c 20	20		
40	MBA 19	0	a 20	8		
41	MBA 20	1	c 21	21		
42	MBA 20	0	a 21	9		
43	MBA 21	1	c 22	22		
44	MBA 21	0	a 22	10		
45	MBA 22	1	c 23	23		
46	MBA 22	0	a 23	11		
47	MBA 23	1	c 24	24		
48	MBA 23	0	a 24	12		
49			c 25	25		
50			a 25	13		
51			c 26			
52			a 26			
53			c 27			
54			a 27			
55			c 28			
56			a 28			
57	MBA 19	1	c 29			
58	MBA 19	0	a 29			
59	MBA 18	1	c 30			
60	MBA 18	0	a 30			
61	MBA 17	1	c 31			
62	MBA 17	0	a 31			
63	MBA 16	1	c 32			
64	MBA 16	0	a 32			

INTERNAL CABLE TYPE : 50 wire Flatcable
 EXTERNAL CABLE TYPE 1:
 EXTERNAL CABLE TYPE 2:
 EXTERNAL CABLE TYPE 3:
 EXTERNAL CABLE TYPE 4:

Drawn by	HO/kha	Remarks	Replacement for	Date
Approved				
Date	29.6.79		A-counter on 3008	Replaced by

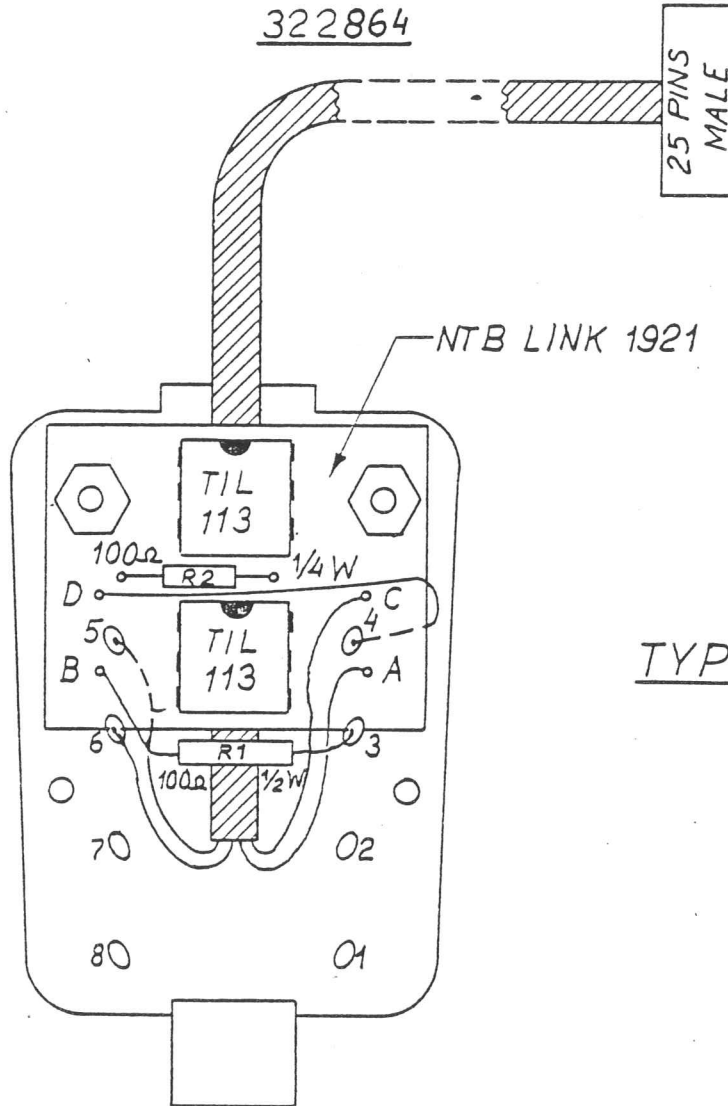
NORSK DATA A.S
Oslo, Norway

Title *NTB TELEPRINTER INTERFACE
DEVICE CABLE WITH 1-4 PLUG
MODIFIED 3013 CARD*

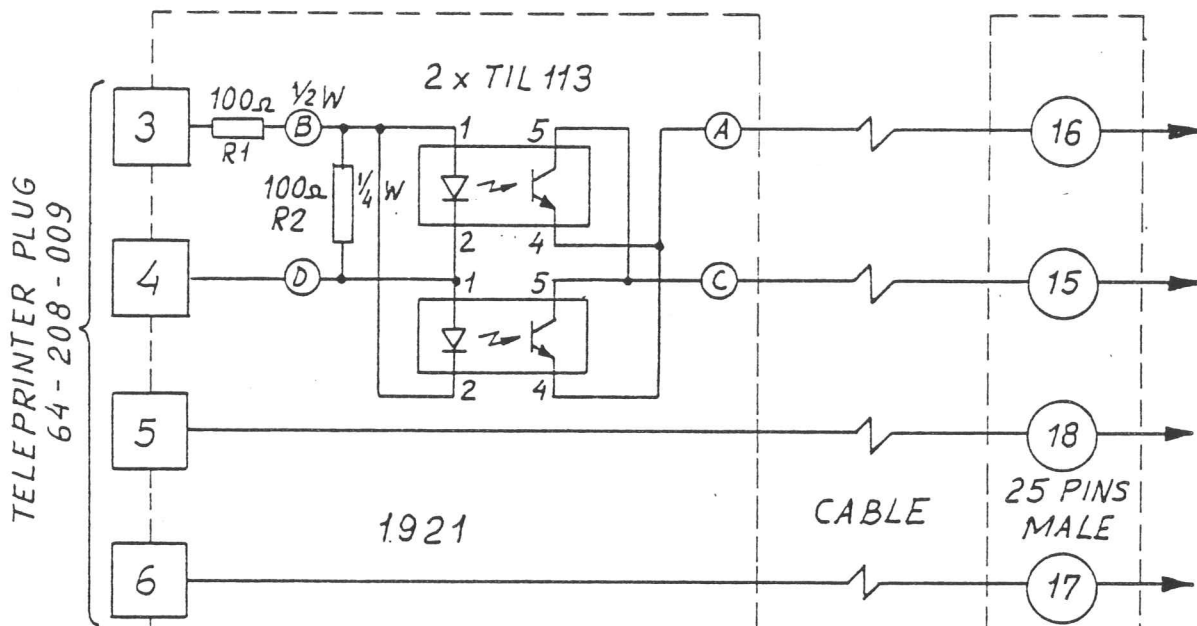
Drawing no.

4-9449

322864



TYPE 1



DRAWN BY *MJM*

APPROVED BY

DATE *4.9.80.*

Remarks

*Circuit Diagram
Arrangement Drawing
Cable List*

Replacement for Date

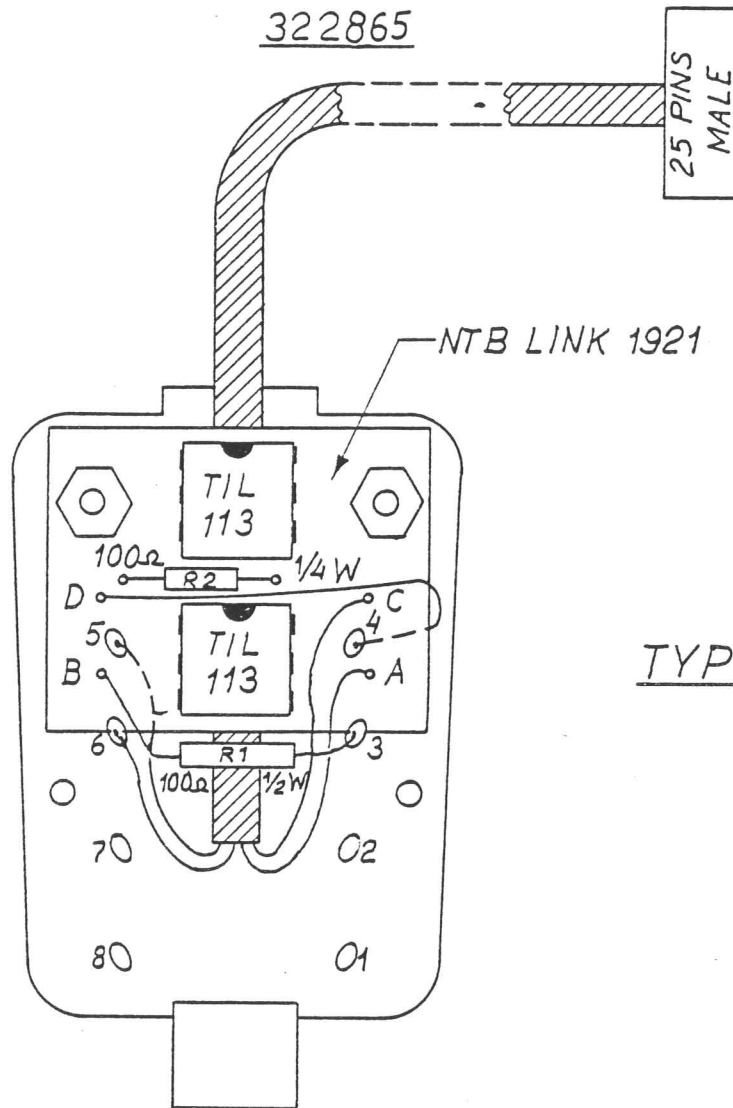
Replaced by Date

NORSK DATA A.S
Oslo, Norway

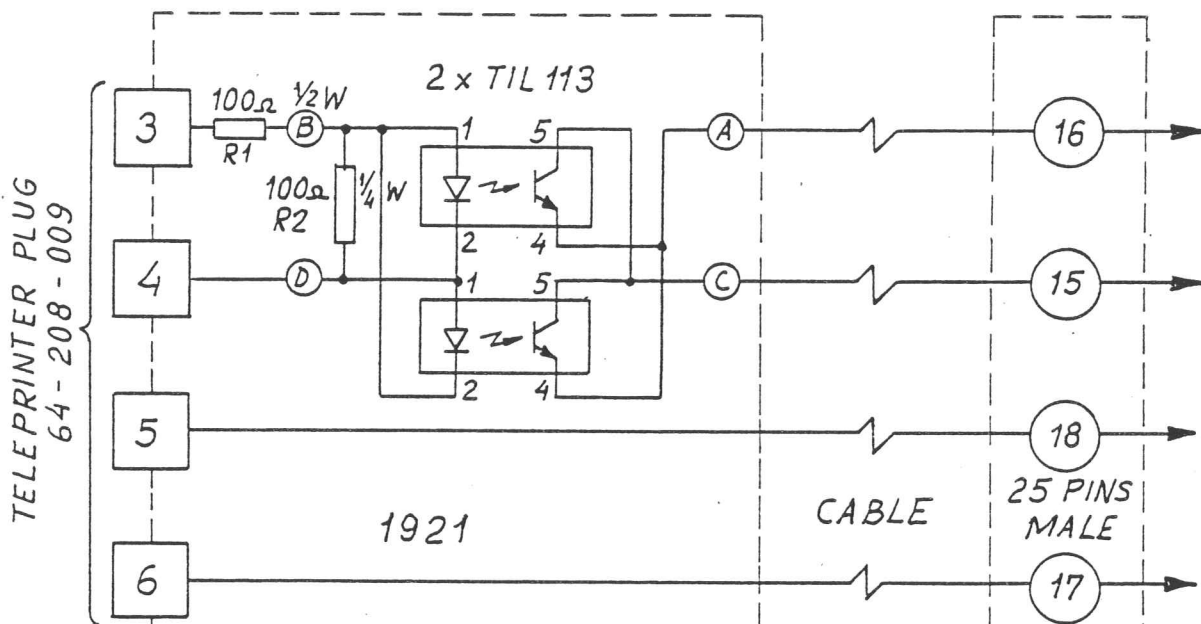
Title *NTB TELEPRINTER INTERFACE
DEVICE CABLE WITH 3-4 PLUG
MODIFIED 3013 CARD*

Drawing no.

4-9450



TYPE 2



DRAWN BY *MJM*
APPROVED BY
DATE *4.9.80.*

Remarks

*Circuit Diagram
Arrangement Drawing
Cable List*

Replacement for Date

Replaced by Date

1.4 *SETTING OF DEVICE NUMBERS, IDENT CODES AND TRANSMISSION SPEEDS*

The system supervisor may have to change the settings of IOX device numbers, ident codes and transmission speeds of certain interface cards. Some tables are needed for this purpose.

1.4.1 *Synchronous Modem Coding*

On the NORD-10/S 1050 Synchronous Modem Buffer Card there are two select functions to be set.

Select 1: Device number, Position 15E

Select 2: Ident code, Position 1E

15E 4 3 2 1 → to finger contacts 1E 4 3 2 1 → to finger contacts

Device No.(IOX)	Modem No.(octal)	Ident Code	Device No.				Ident Code				
			15E1	15E2	15E3	15E4	1E1	1E2	1E3	1E4	
100	1(0)	4	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	ON
110	2(1)	14	OFF	OFF	OFF	ON	OFF	OFF	ON	ON	ON
120	3(2)	20	OFF	OFF	ON	OFF	ON	ON	OFF	ON	ON
130	4(3)	24	OFF	OFF	ON	ON	OFF	ON	OFF	ON	ON

1.4.4

Terminal Buffer (NORD-10 1095) Interface

Device Number Selection

Device numbers are selected by the switches in position 9B. The combinations are:

Device No. (IOX)	Terminal/Modem No.	9B1	9B2	9B3	9B4	9B5	
200	1	OFF	OFF	OFF	OFF	OFF	Asynchronous modem
210	2	OFF	OFF	OFF	OFF	ON	
220	3	OFF	OFF	OFF	ON	OFF	
230	4	OFF	OFF	OFF	ON	ON	
240	5	OFF	OFF	ON	OFF	OFF	
250	6	OFF	OFF	ON	OFF	ON	
260	7	OFF	OFF	ON	ON	OFF	
270	8	OFF	OFF	ON	ON	ON	
300	1	OFF	ON	OFF	OFF	OFF	Teletype display
310	2	OFF	ON	OFF	OFF	ON	
320	3	OFF	ON	OFF	ON	OFF	
330	4	OFF	ON	OFF	ON	ON	
340	5	OFF	ON	ON	OFF	OFF	
350	6	OFF	ON	ON	OFF	ON	
360	7	OFF	ON	ON	ON	OFF	
370	8	OFF	ON	ON	ON	ON	
1200	9	ON	OFF	OFF	OFF	OFF	Asynchronous modem
1210	10	ON	OFF	OFF	OFF	ON	
1220	11	ON	OFF	OFF	ON	OFF	
1230	12	ON	OFF	OFF	ON	ON	
1240	13	ON	OFF	ON	OFF	OFF	
1250	14	ON	OFF	ON	OFF	ON	
1260	15	ON	OFF	ON	ON	OFF	
1270	16	ON	OFF	ON	ON	ON	
1300	9	ON	ON	OFF	OFF	OFF	Teletype display
1310	10	ON	ON	OFF	OFF	ON	
1320	11	ON	ON	OFF	ON	OFF	
1330	12	ON	ON	OFF	ON	ON	
1340	13	ON	ON	ON	OFF	OFF	
1350	14	ON	ON	ON	OFF	ON	
1360	15	ON	ON	ON	ON	OFF	
1370	16	ON	ON	ON	ON	ON	

Input Channel (To the Computer):

	SWITCH SETTING				IOX (GP + 1) CONTENT IN A REGISTER								Octal
	15E4	15E3	15E2	15E1	Bit 7				Bit 0				
9600	ON	ON	ON	ON	X	X	X	X	0	0	0	0	0
4800	ON	ON	ON	OFF	X	X	X	X	0	0	0	1	1
2400	ON	ON	OFF	ON	X	X	X	X	0	0	1	0	2
1200	ON	ON	OFF	OFF	X	X	X	X	0	0	1	1	3
600	OFF	ON	ON	ON	X	X	X	X	1	0	0	0	10
300	OFF	ON	ON	OFF	X	X	X	X	1	0	0	1	11
200	OFF	OFF	ON	OFF	X	X	X	X	1	1	0	1	15
150	OFF	ON	OFF	ON	X	X	X	X	1	0	1	0	12
110	OFF	OFF	ON	ON	X	X	X	X	1	1	0	0	14
100	OFF	OFF	OFF	ON	X	X	X	X	1	1	1	0	16
75	OFF	ON	OFF	OFF	X	X	X	X	1	0	1	1	13
50	OFF	OFF	OFF	OFF	X	X	X	X	1	1	1	1	17

Output Channel (From the Computer):

	SWITCH SETTING				IOX (GP + 1) CONTENT IN A REGISTER								Octal
	15E8	15E7	15E6	15E5	Bit 7				Bit 0				
9600	ON	ON	ON	ON	0	0	0	0	X	X	X	X	000
4800	ON	ON	ON	OFF	0	0	0	1	X	X	X	X	020
2400	ON	ON	OFF	ON	0	0	1	0	X	X	X	X	040
1200	ON	ON	OFF	OFF	0	0	1	1	X	X	X	X	060
600	OFF	ON	ON	ON	1	0	0	0	X	X	X	X	200
300	OFF	ON	ON	OFF	1	0	0	1	X	X	X	X	220
200	OFF	OFF	ON	OFF	1	1	0	1	X	X	X	X	320
150	OFF	ON	OFF	ON	1	0	1	0	X	X	X	X	240
110	OFF	OFF	ON	ON	1	1	0	0	X	X	X	X	300
100	OFF	OFF	OFF	ON	1	1	1	0	X	X	X	X	340
75	OFF	ON	OFF	OFF	1	0	1	1	X	X	X	X	260
50	OFF	OFF	OFF	OFF	1	1	1	1	X	X	X	X	360

Note:

Input and output baud rates are selected by the same IOX instruction. If the A register is set to octal value 14 before the IOX instruction is executed, 110 baud will be selected for input, and 9600 baud will be selected for output. To get 110 baud on both the input and output channel, the octal value 314 should be placed in the A register before the IOX instruction is executed.

Terminal Buffer 1095

Select 3: Ident code

Position IE



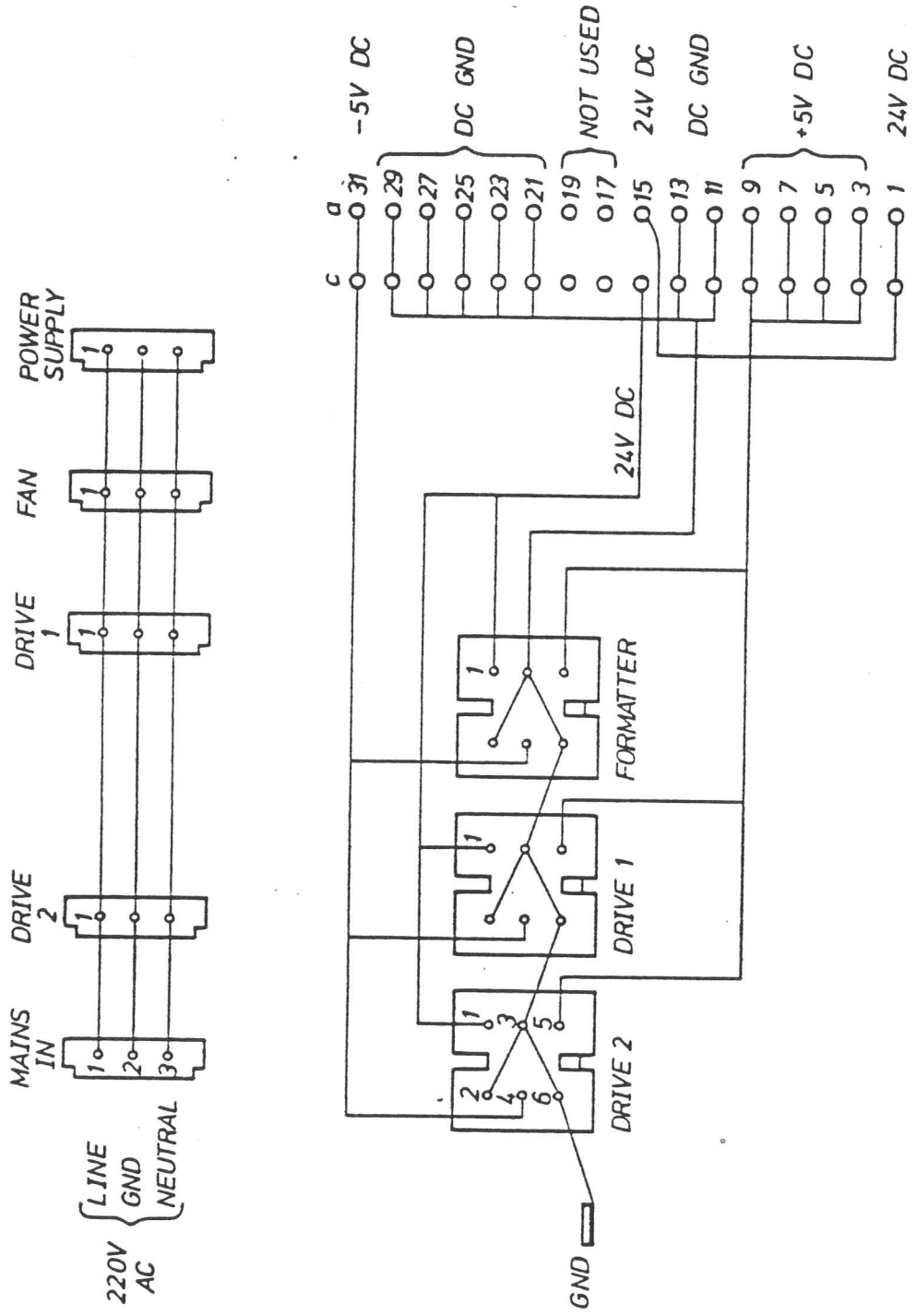
Teletype/ Modem No.		Ident Code	IE7	IE6	IE5	IE4	IE3	IE2	IE1
1 200 2 210 3 220 4 230 5 240 6 250 7 260 8 270	} Async. modem	60	ON	OFF	OFF	ON	ON	ON	ON
		61	ON	OFF	OFF	ON	ON	ON	OFF
		62	ON	OFF	OFF	ON	ON	OFF	ON
		63	ON	OFF	OFF	ON	ON	OFF	OFF
		64	ON	OFF	OFF	ON	OFF	OFF	ON
		65	ON	OFF	OFF	ON	OFF	ON	OFF
		66	ON	OFF	OFF	ON	OFF	OFF	ON
		66	ON	OFF	OFF	ON	OFF	OFF	OFF
1 300 2 310 3 320 4 330 5 340 6 350 7 360 8 370	} Teletype display	1	ON	ON	ON	ON	ON	ON	OFF
		5	ON	ON	ON	ON	OFF	ON	OFF
		6	ON	ON	ON	ON	OFF	OFF	ON
		7	ON	ON	ON	ON	OFF	OFF	OFF
		44	ON	OFF	ON	ON	OFF	ON	ON
		45	ON	OFF	ON	ON	OFF	ON	OFF
		46	ON	OFF	ON	ON	OFF	OFF	ON
		47	ON	OFF	ON	ON	OFF	OFF	OFF
9 1200 10 1210 11 1220 12 1230 13 1240 14 1250 15 1260 16 1280	} Async. modem	70	ON	OFF	OFF	OFF	ON	ON	ON
		71	ON	OFF	OFF	OFF	ON	ON	OFF
		72	ON	OFF	OFF	OFF	ON	OFF	ON
		73	ON	OFF	OFF	OFF	ON	OFF	OFF
		74	ON	OFF	OFF	OFF	OFF	ON	ON
		75	ON	OFF	OFF	OFF	OFF	ON	OFF
		76	ON	OFF	OFF	OFF	OFF	OFF	ON
		77	ON	OFF	OFF	OFF	OFF	OFF	OFF
9 1300 10 1310 11 1320 12 1330 13 1340 14 1350 15 1360 16 1370	} Teletype display	50	ON	OFF	ON	OFF	ON	ON	ON
		51	ON	OFF	ON	OFF	ON	ON	OFF
		52	ON	OFF	ON	OFF	ON	OFF	ON
		53	ON	OFF	ON	OFF	ON	OFF	OFF
		54	ON	OFF	ON	OFF	OFF	ON	ON
		55	ON	OFF	ON	OFF	OFF	ON	OFF
		56	ON	OFF	ON	OFF	OFF	OFF	ON
		57	ON	OFF	ON	OFF	OFF	OFF	OFF

Select 3: Ident code

Position 1E

6 5 4 3 2 1 → to finger contacts

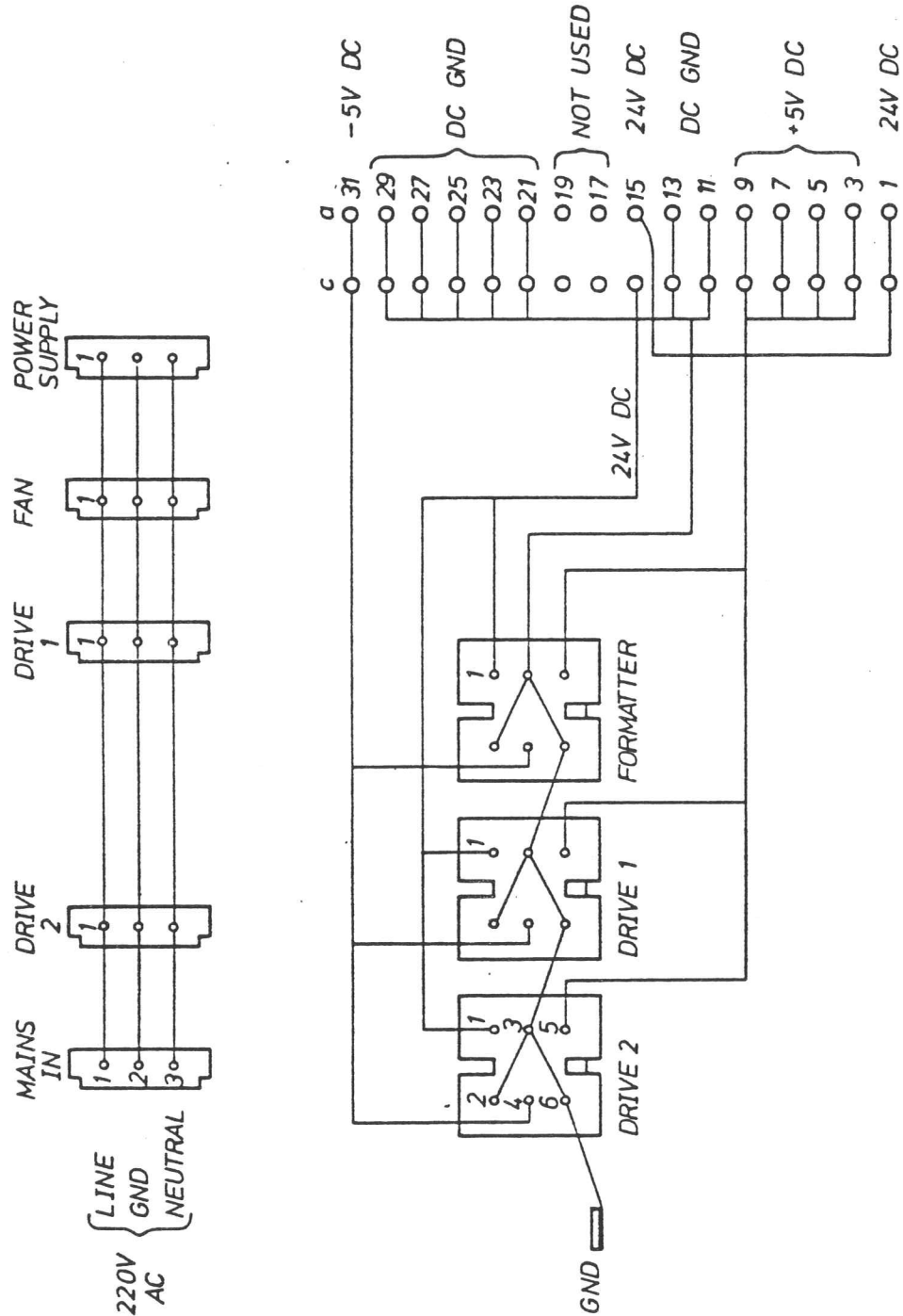
Teletype Number	IOX	Code Ident	1E1	1E2	1E3	1E4	1E5	1E6
1	300	1	OFF	ON	ON	ON	ON	ON
2	310	5	OFF	ON	OFF	ON	ON	ON
3	320	6	ON	OFF	OFF	ON	ON	ON
4	330	7	OFF	OFF	OFF	ON	ON	ON
5	340	44	ON	ON	OFF	ON	ON	OFF
6	350	45	OFF	ON	OFF	ON	ON	OFF
7	360	46	ON	OFF	OFF	ON	ON	OFF
8	370	47	OFF	OFF	OFF	ON	ON	OFF
9	1300	50	ON	ON	ON	OFF	ON	OFF
10	1310	51	OFF	ON	ON	OFF	ON	OFF
11	1320	52	ON	OFF	ON	OFF	ON	OFF
12	1330	53	OFF	OFF	ON	OFF	ON	OFF
13	1340	54	ON	ON	OFF	OFF	ON	OFF
14	1350	55	OFF	ON	OFF	OFF	ON	OFF
15	1360	56	ON	OFF	OFF	OFF	ON	OFF
16	1370	57	OFF	OFF	OFF	OFF	ON	OFF



DRAWN BY *BW*
APPROVED BY *SEJ*
DATE 27.3.79

Remarks
PRINT 1952

Replacement for	Date
Replaced by	Date



DRAWN BY BW

APPROVED BY SEJ

DATE 27.3.79

Remarks

PRINT 1952

Replacement for Date

Replaced by Date