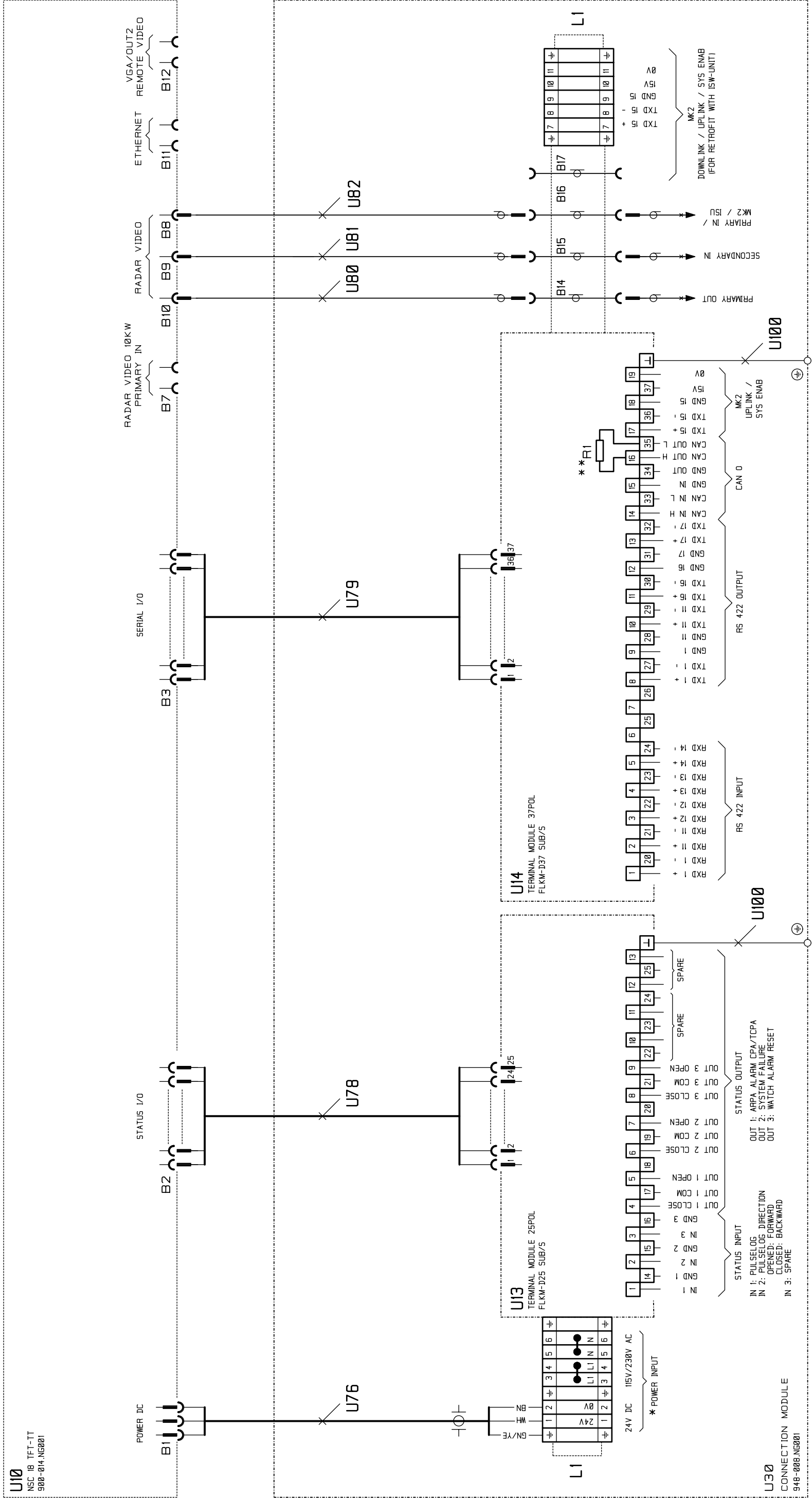
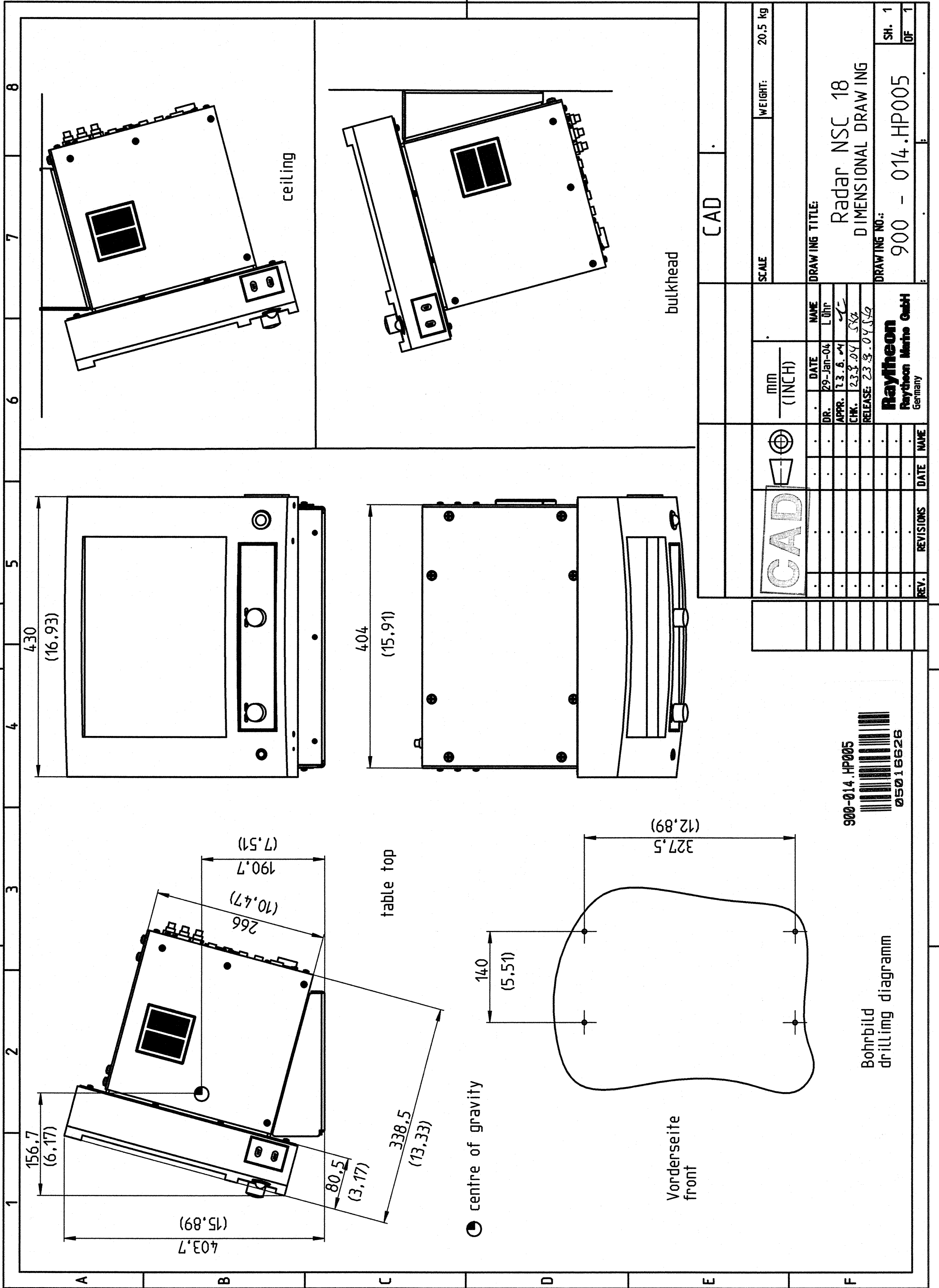


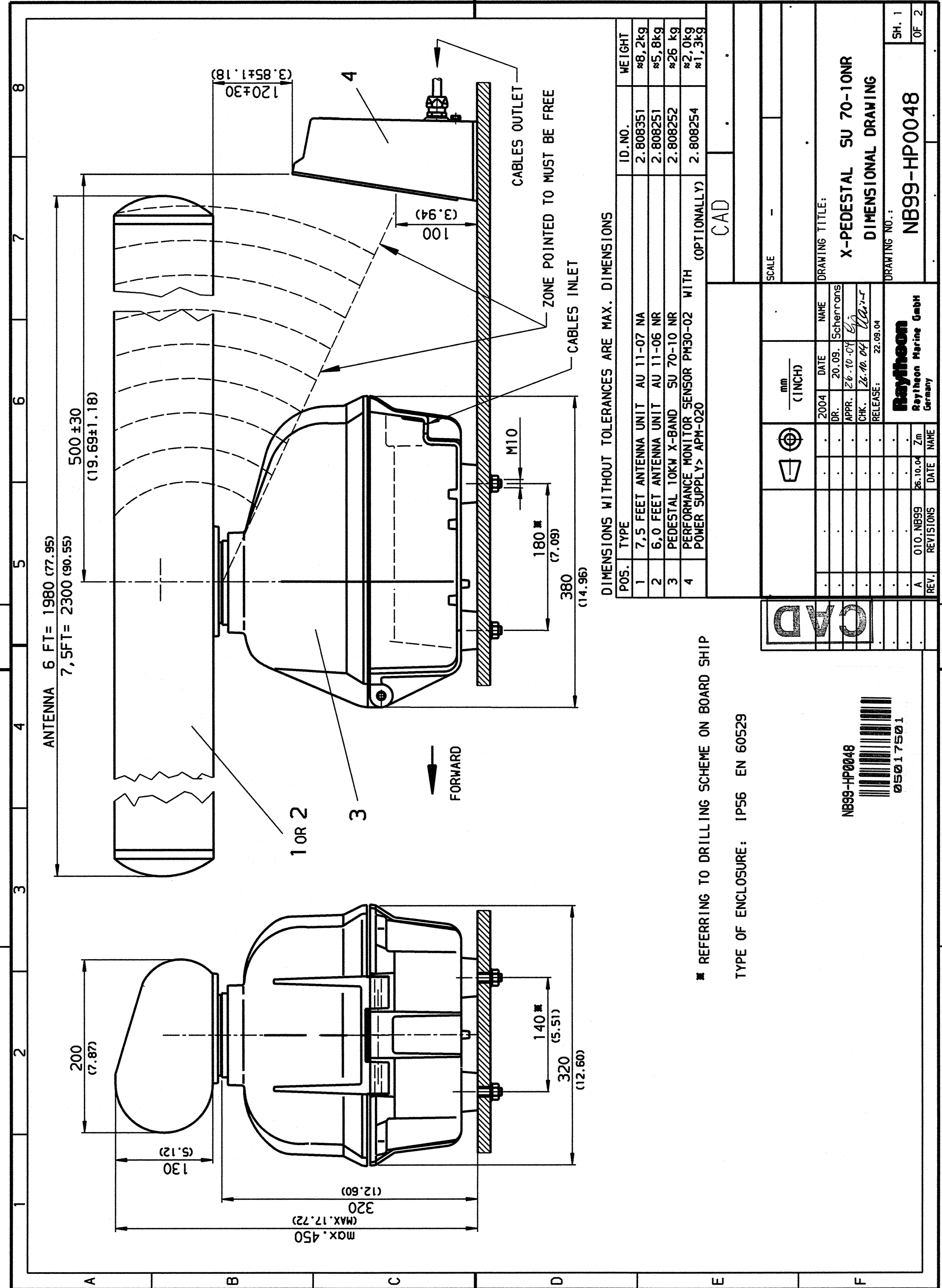


DIN CODE	DENOMINATION	TYPE/DRAWING NR.	POS.NR.	FROM PARTS LIST
B14.B15.B16	CONNECTOR	UG314/U	24	948-008.NG001
L1	TERMINAL STRIP NSC	948-008.00-001	8	948-008.NG001
R1	RESISTOR 150 OHM	WN 164-1	35	948-008.NG001
U10	MONITOR NSC 18 TFT-TT	900-014.NG001		900-014
U13	TERMINAL MODULE 25POL	FLKM D25 SUB/5	2	948-008.00-001
U14	TERMINAL MODULE 37POL	FLKM D37 SUB/5	3	948-008.00-001
U30	RADAR CONNECTION MODULE NSC	948-008.NG001	3	900-012.NG001

DIN CODE	DENOMINATION	TYPE/DRAWING NR.	POS.NR.	FROM PARTS LIST
U76	CABLE	NB60-174	3	948-008.01
U78	DSUB-CABLE 25POL 1.5M	2302146	1	948-008.NG001
U79	DSUB-CABLE 37POL 1.5M	2302214	2	948-008.NG001
U80, U81, U82	BNC-KOAX. CABLE 50 OHM 1.5M	RG58	3	948-008.NG001
U100	WIRING	900-021.55	8	900-021.NG001

[illegible]





ANTENNA 6 FT= 1980 (77.95)
7,5FT= 2300 (90.55)

500 ±30
(19.69±1.18)

120 ±30
(3.85±1.18)

100
(3.94)

380
(14.96)

180
(7.09)

M10

ZONE POINTED TO MUST BE FREE

CABLES INLET

CABLES OUTLET

1 OR 2

3

4

FORWARD

200
(7.87)

130
(5.12)

320
(12.60)

320
(MAX. 17.72)

140
(5.51)

320
(12.60)

DIMENSIONS WITHOUT TOLERANCES ARE MAX. DIMENSIONS

POS.	TYPE	ID. NO.	WEIGHT
1	7,5 FEET ANTENNA UNIT AU 11-07 NA	2.808351	≈8,2kg
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4	PERFORMANCE MONITOR SENSOR PM30-02 WITH POWER SUPPLY> APM-020 (OPTIONALLY)	2.808254	≈2,0kg ≈1,3kg

CAD

SCALE -

DRAWING TITLE:
X-PEDESTAL SU 70-10NR
DIMENSIONAL DRAWING

DRAWING NO.:
NB99-HP0048

SH. 1
OF 2

Raytheon
Raytheon Marine GmbH
Germany

2004
DR. 20.09. Scherrons
APPR. 26.10.04
CHK. 26.10.04
RELEASE: 22.09.04

REV. A
O10.NB99
REV. 01
DATE 26.10.04
Zm NAME

REFERRING TO DRILLING SCHEME ON BOARD SHIP

TYPE OF ENCLOSURE: IP56 EN 60529

NB99-HP0048

05017501

ANTENNA 6 FT= 1980 (77.95)
7,5FT= 2300 (90.55)

500 ±30
(19.69±1.18)

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SCALE -

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DIMENSIONAL DRAWING

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NB99-HP0048

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1 OR 2

3

4

CABLES INLET

CABLES OUTLET

ZONE POINTED TO MUST BE FREE

M10

180

(7.09)

380

(14.96)

120±30

(3.85±1.18)

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(3.94)

500±30

(19.69±1.18)

200

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(5.12)

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(12.60)

max. 450

(MAX. 17.72)

320

(12.60)

140

(5.51)

FORWARD

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CAD

SCALE -

DRAWING TITLE:
X-PEDESTAL SU 70-10NR
DIMENSIONAL DRAWING

DRAWING NO.: NB99-HP0048

SH. 1 OF 2

Raytheon
Raytheon Marine GmbH
Germany

REV. A **O10.NB99** **REVISIONS** **DATE** 26.10.04 **Zm** NAME

DR. 20.09. Scherrons **NAME**

APPR. 26.10.04 **CHK.** 26.10.04 **RELEASE:** 22.09.04

REFERRING TO DRILLING SCHEME ON BOARD SHIP

TYPE OF ENCLOSURE: IP56 EN 60529

NB99-HP0048

Ø5017501

[illegible]

ANTENNA 6 FT= 1980 (77.95)
7,5FT= 2300 (90.55)

DIMENSIONS WITHOUT TOLERANCES ARE MAX. DIMENSIONS

CAD

REVISIONS

REV.	A	B	C	D	E	F
010.NB99						
REV.						
DATE						
Zm						
NAME						

Raytheon
Raytheon Marine GmbH
Germany

DRAWING NO.: NB99-HP0048

DRAWING TITLE:
X-PEDESTAL SU 70-10NR
DIMENSIONAL DRAWING

SHEET NO.: SH. 1 OF 2

SCALE:

DRAWING DATE: 20.09. Scherrons

APPR. 26.10.04 *[Signature]*

CHK. 26.10.04 *[Signature]*

RELEASE: 22.09.04

TYPE OF ENCLOSURE: IPS6 EN 60529

REFERRING TO DRILLING SCHEME ON BOARD SHIP

CAD

NB99-HP0048

Ø5017501

max. 450
(MAX. 17.72)
320
(12.60)

130
(5.12)

200
(7.87)

320
(12.60)

140
(5.51)

380
(14.96)

180
(7.09)

M10

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CABLES INLET

CABLES OUTLET

FORWARD

1 OR 2

3

4

120±30
(3.85±1.18)

100
(3.94)

500±30
(19.69±1.18)

ID.NO. 2.808351
WEIGHT ≈8.2kg

ID.NO. 2.808251
WEIGHT ≈5.8kg

ID.NO. 2.808252
WEIGHT ≈26 kg

ID.NO. 2.808254
WEIGHT ≈2,0kg
≈1,3kg

OPTIONALLY)

PMS30-02 WITH POWER SUPPLY> APM-020

SU 70-10 NR

AU 11-06 NR

AU 11-07 NA

7,5 FEET ANTENNA UNIT

6,0 FEET ANTENNA UNIT

PEDESTAL 10KW X-BAND

PERFORMANCE MONITOR SENSOR

ANTENNA 6 FT= 1980 (77.95)
7,5FT= 2300 (90.55)

500 ±30
(19.69±1.18)

120 ±30
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(MAX. 17.72)

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REFERRING TO DRILLING SCHEME ON BOARD SHIP

TYPE OF ENCLOSURE: IP56 EN 60529

CAD

mm
(INCH)

2004

DR. 20.09. Scherrons

APPR. 26.10.04

CHK. 26.10.04

RELEASE: 22.09.04

Raytheon
Raytheon Marine GmbH
Germany

010.NB99

26.10.04

Zm

NAME

REV.

REVISIONS

DATE

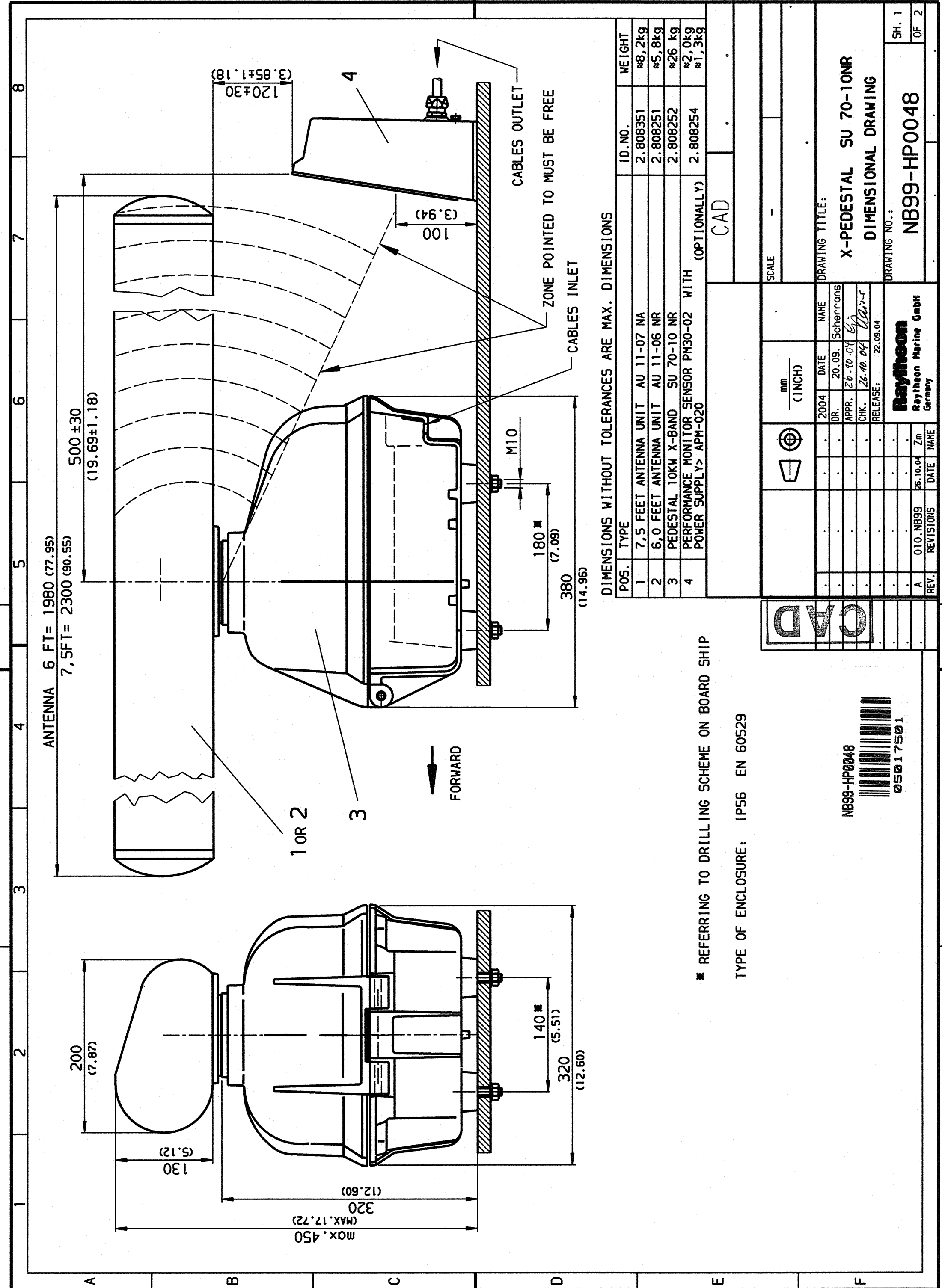
DRAWING TITLE:
X-PEDESTAL SU 70-10NR
DIMENSIONAL DRAWING

DRAWING NO.:
NB99-HP0048

SH. 1
OF 2

NB99-HP0048

05017501



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(19.69±1.18)

120 ±30
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(14.96)

180
(7.09)

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CABLES OUTLET

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(12.60)

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(MAX. 17.72)

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(12.60)

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CAD

SCALE -

DRAWING TITLE:
X-PEDESTAL SU 70-10NR
DIMENSIONAL DRAWING

DRAWING NO.:
NB99-HP0048

SH. 1
OF 2

Raytheon
Raytheon Marine GmbH
Germany

2004
DR. 20.09. Scherrons
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REV. A
O10.NB99
REV. 26.10.04
DATE 26.10.04
NAME Zm

REFERRING TO DRILLING SCHEME ON BOARD SHIP

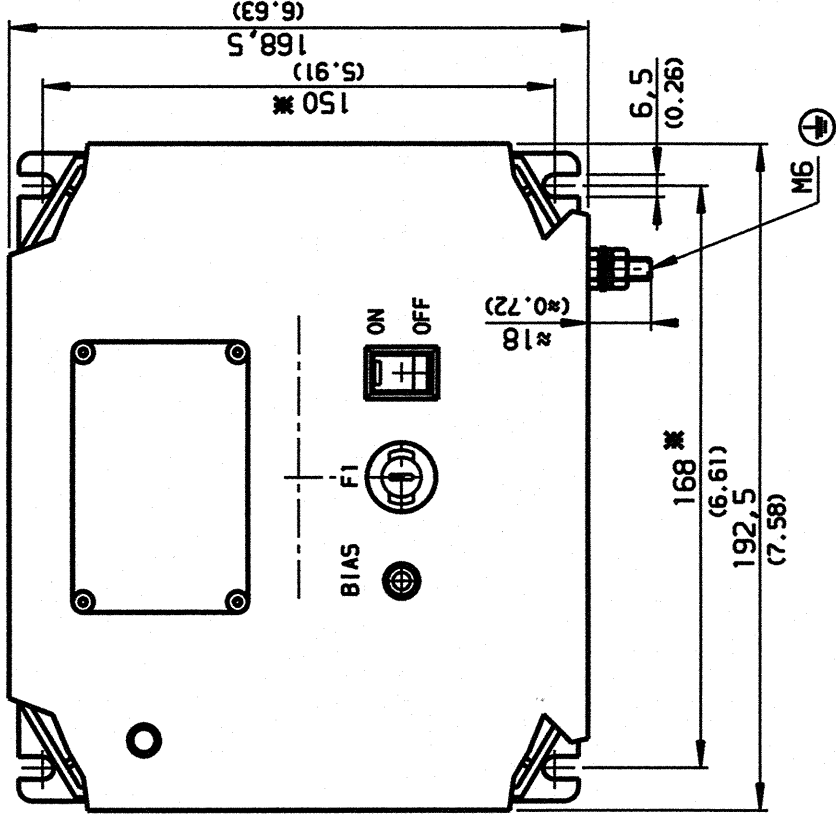
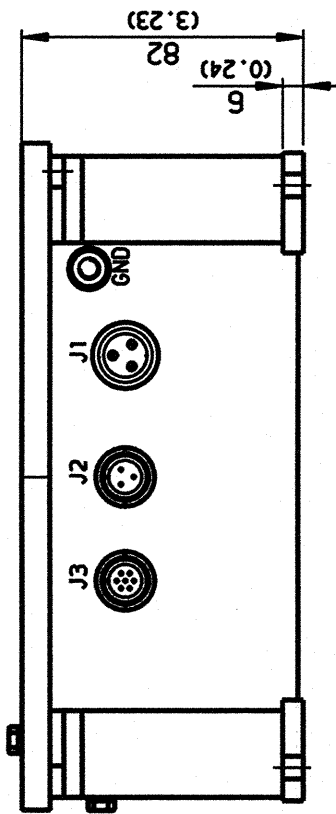
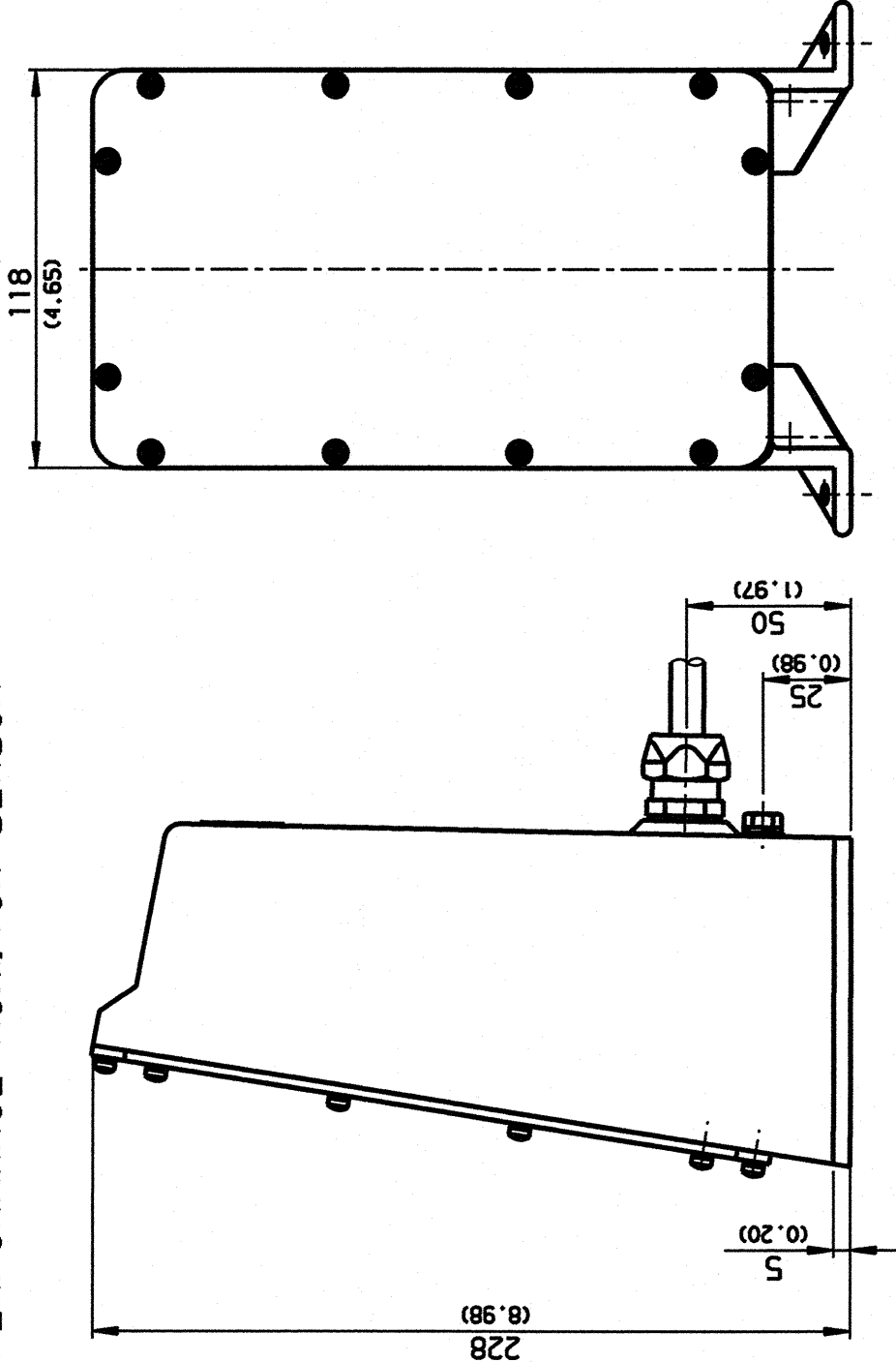
TYPE OF ENCLOSURE: IP56 EN 60529

NB99-HP0048

05017501

PERFORMANCE MONITOR SENSOR

POWER SUPPLY



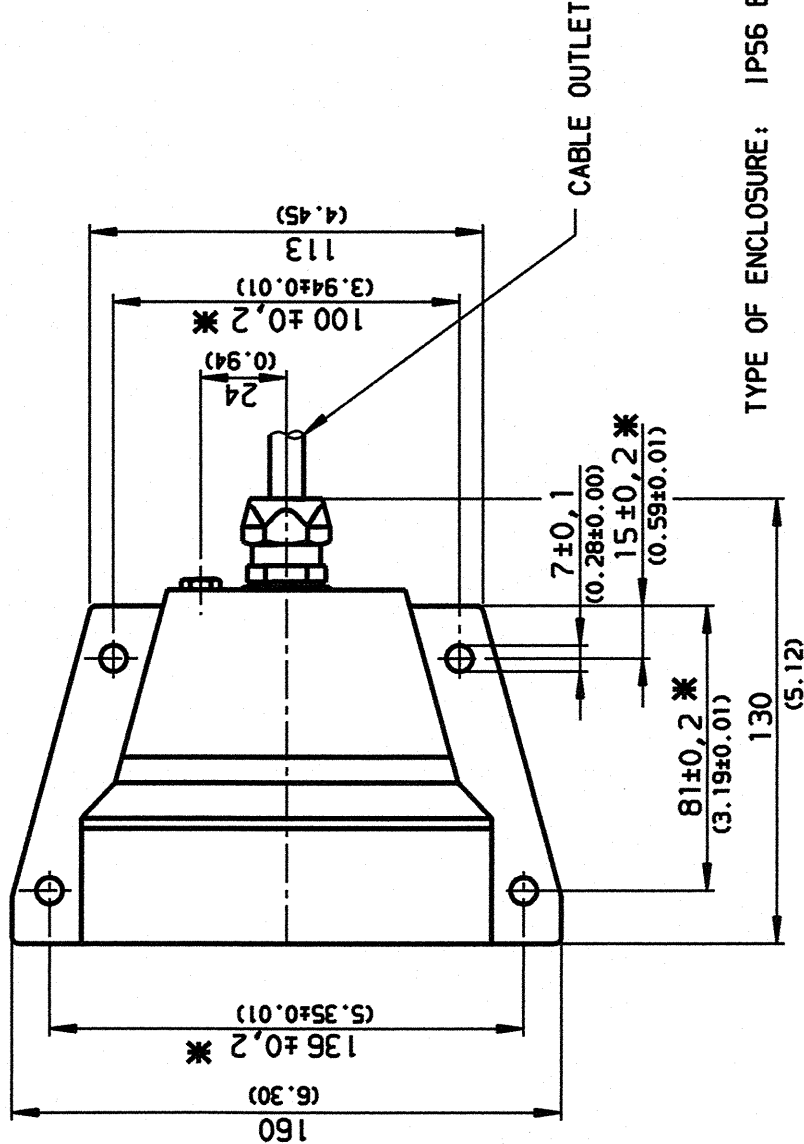
TYPE OF ENCLOSURE: IP55 EN 60529

POS.	TYPE	ID.NO.	WEIGHT
4	PERFORMANCE MONITOR SENSOR PM30-02 WITH POWER SUPPLY APM-020	2.808254	≈2,0kg ≈1,3kg

CAD

CAD

TYPE OF ENCLOSURE: IP56 EN 60529



REFERRING TO DRILLING SCHEME ON BOARD SHIP
DIMENSIONS WITHOUT TOLERANCES ARE MAX. DIMENSIONS

DRAWING TITLE:

X-PEDESTAL SU 70-10NR
DIMENSIONAL DRAWING

DRAWING NO.:

NB99-HP0048

Raytheon
Raytheon Marine GmbH
Germany

SH. 2
OF 2

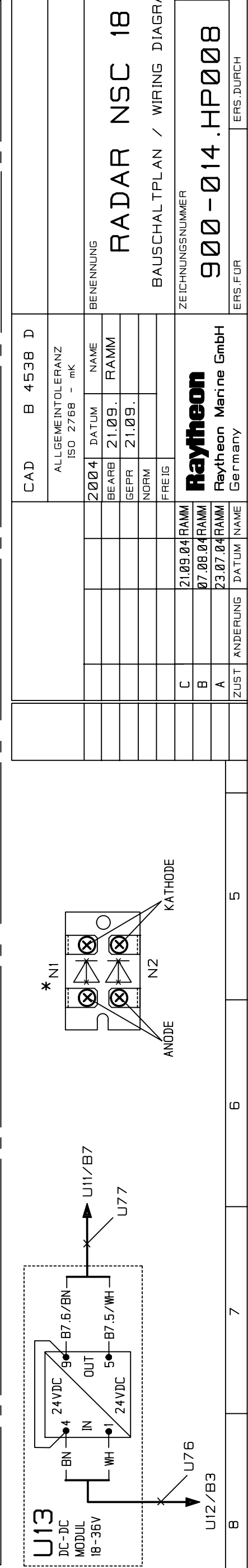
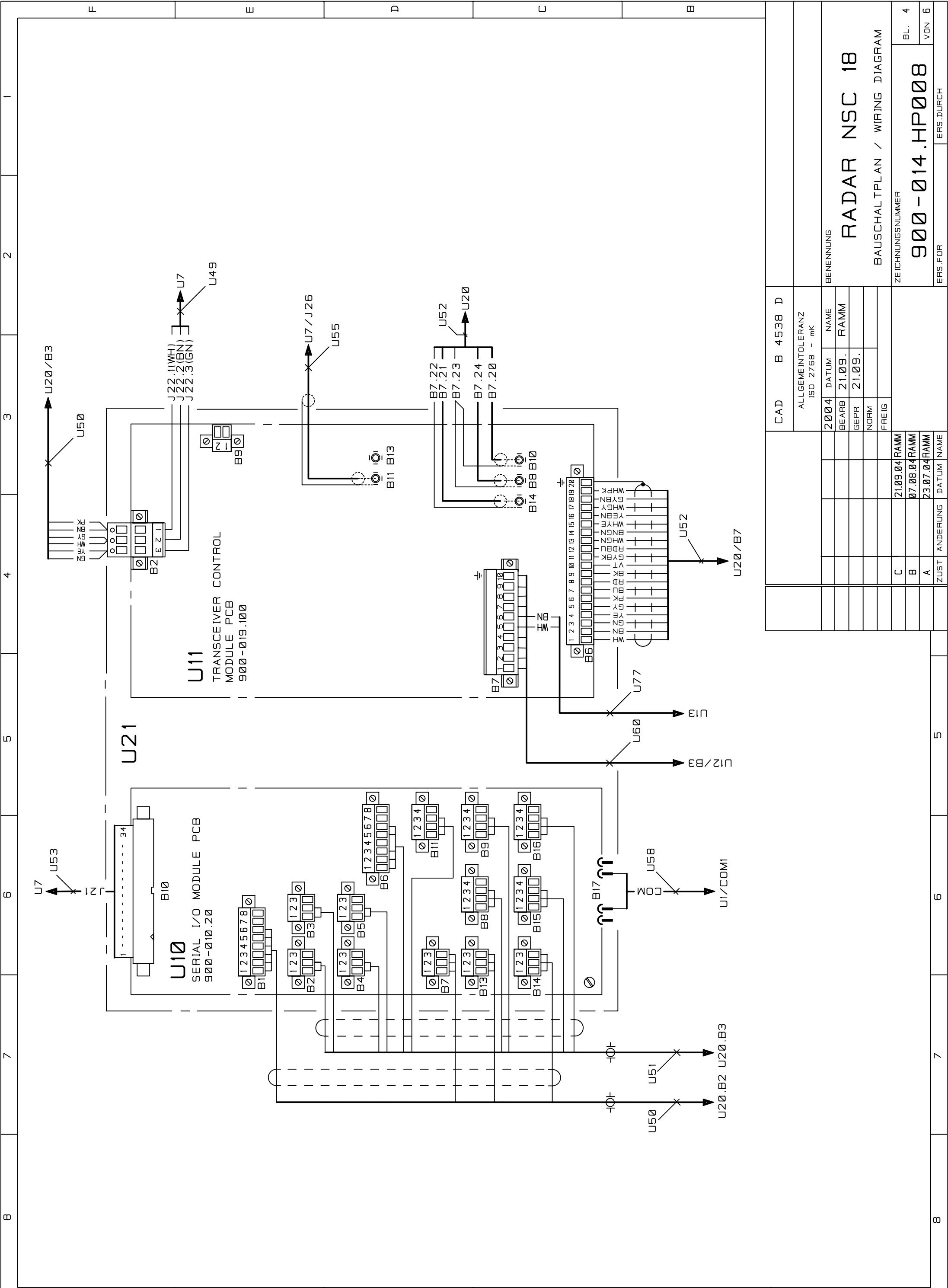


Diagram A shows the electrical connections for the DC-DC converter module U13. The module is labeled "DC-DC MODUL IB-36V". It has four pins: 4 (BN), 1 (WH), 9 (B7.6/BN), and 5 (B7.5/WH). The connections are as follows:

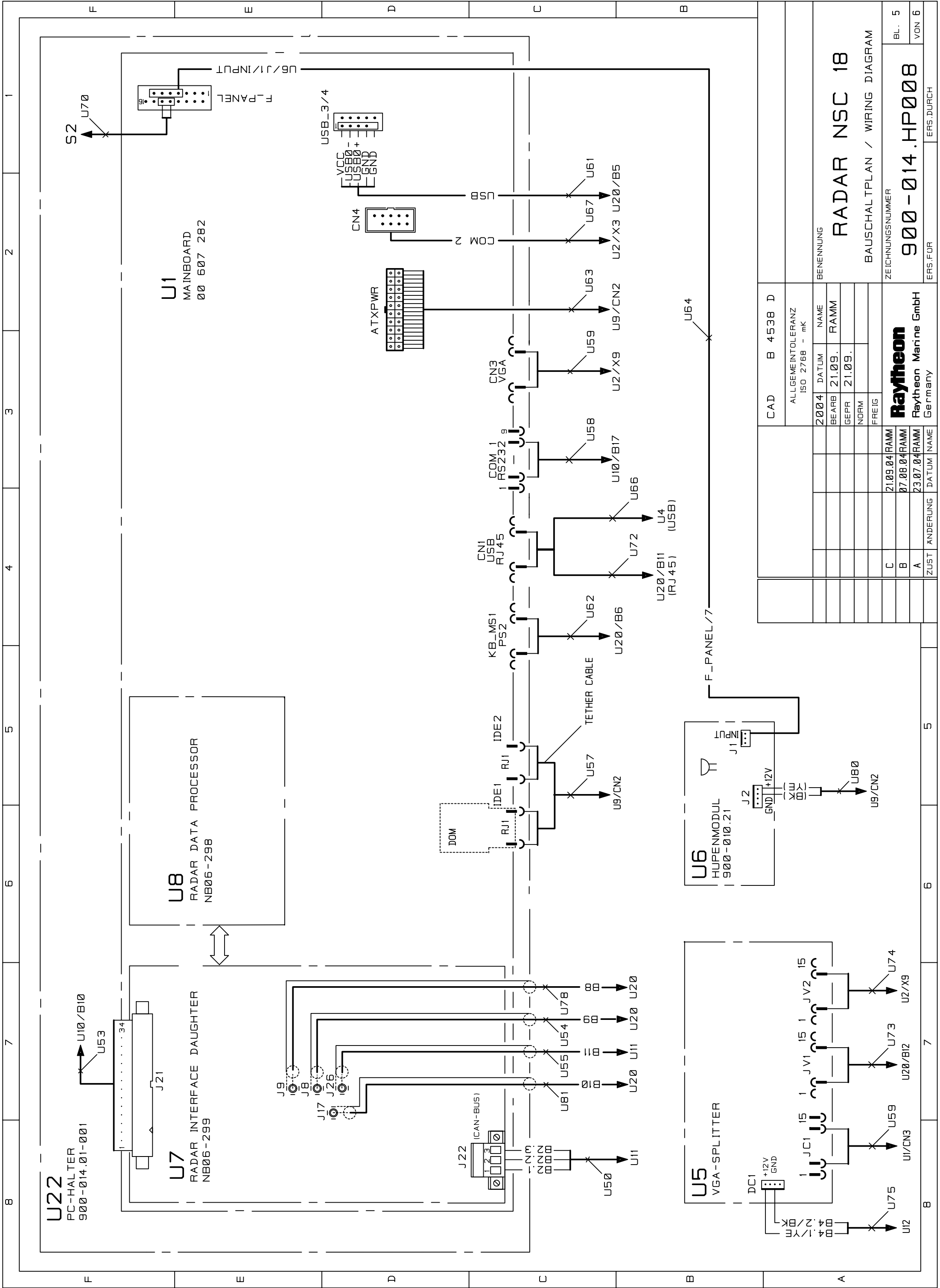
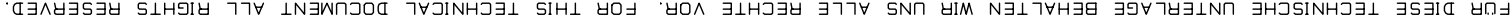
- Pin 4 (BN) is connected to the 24VDC input.
- Pin 1 (WH) is connected to the 24VDC output.
- Pin 9 (B7.6/BN) is connected to the output U11/B7.
- Pin 5 (B7.5/WH) is connected to the output U77.

The output U11/B7 is also connected to the output U12/B3. The output U77 is connected to the output U76.

Diagram B shows the physical layout of the module. It is a rectangular module with a central cutout. The top row contains two diodes (N1) and two diodes (N2). The bottom row contains two diodes (N1) and two diodes (N2). The diodes are labeled with their cathode and anode symbols. The module is labeled "KATHODE" and "ANODE".



CAD		B 4538 D	
ALLGEMEINTOLERANZ ISO 2768 - mK			
2004	DATUM	NAME	
BEARB	21.09.	RAMM	
GEPR	21.09.		
NORM			
FREIG			
BENENNUNG			
RADAR NSC 18			
BAUSCHALTPLAN / WIRING DIAGRAM			
ZEICHNUNGSNUMMER			
900-014.HP008			
ERS.FÜR		ERS.DURCH	
BL. 4		VON 6	

[illegible]

