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LOCATION:

A1 ... DRIVE STATION
 A2 ... RETURN STATION
 A3 ... MIDDLE STATION

A10... BOTTOM STATION
 A20... TOP STATION

01 ... CONTROL PANEL

03 ... STATION

015... THYRISTOR BOX
 0151.. SCR-DRIVE 1
 0152.. SCR-DRIVE 2

016... POWER SUPPLY UNIT SCR-DRIVE

0171.. HARMONICS FILTER UNIT

TERMINAL STRIP:

X1 ... POWER SUPPLY 24V/DC
 X2 ... CONNECTIONS TO MAIN CONTROLS 231V , THREE-PHASE MOTORS
 X3 ... CONTROL BOX LIGHT
 X4 ... POWER SUPPLY (AC)
 X5 ... CONNECTIONS THYRISTOR PANEL
 X6 ... COMPENSATION
 X7 ... PT-100 SENSING ELEMENT

X11... FIELD SUPPLY
 X15... MOTOR TACHO

X20... CONNECTIONS TO SCR-UNIT 231V
 X25... CONNECTIONS TO MAIN CONTROLS
 X50... CONNECTIONS TO SCR-UNIT 24V

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Revision	2.0	Drawn by	MaM
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Date	09.02.09	Dr.ch.by	Fhs
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File:	STWAA1583
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8-MGD BANA CABLE CAR

WAA0001583

DANANG / VIETNAM


Doppelmayr
 Innovia Patent GmbH
 A-6960 WOLFURT / AUSTRIA

®

INFORMATION

DRIVE STATION

LV-CONTROL SCR-UNIT

Rev.ind.

2.0

= A1+0151

Date

09.02.09

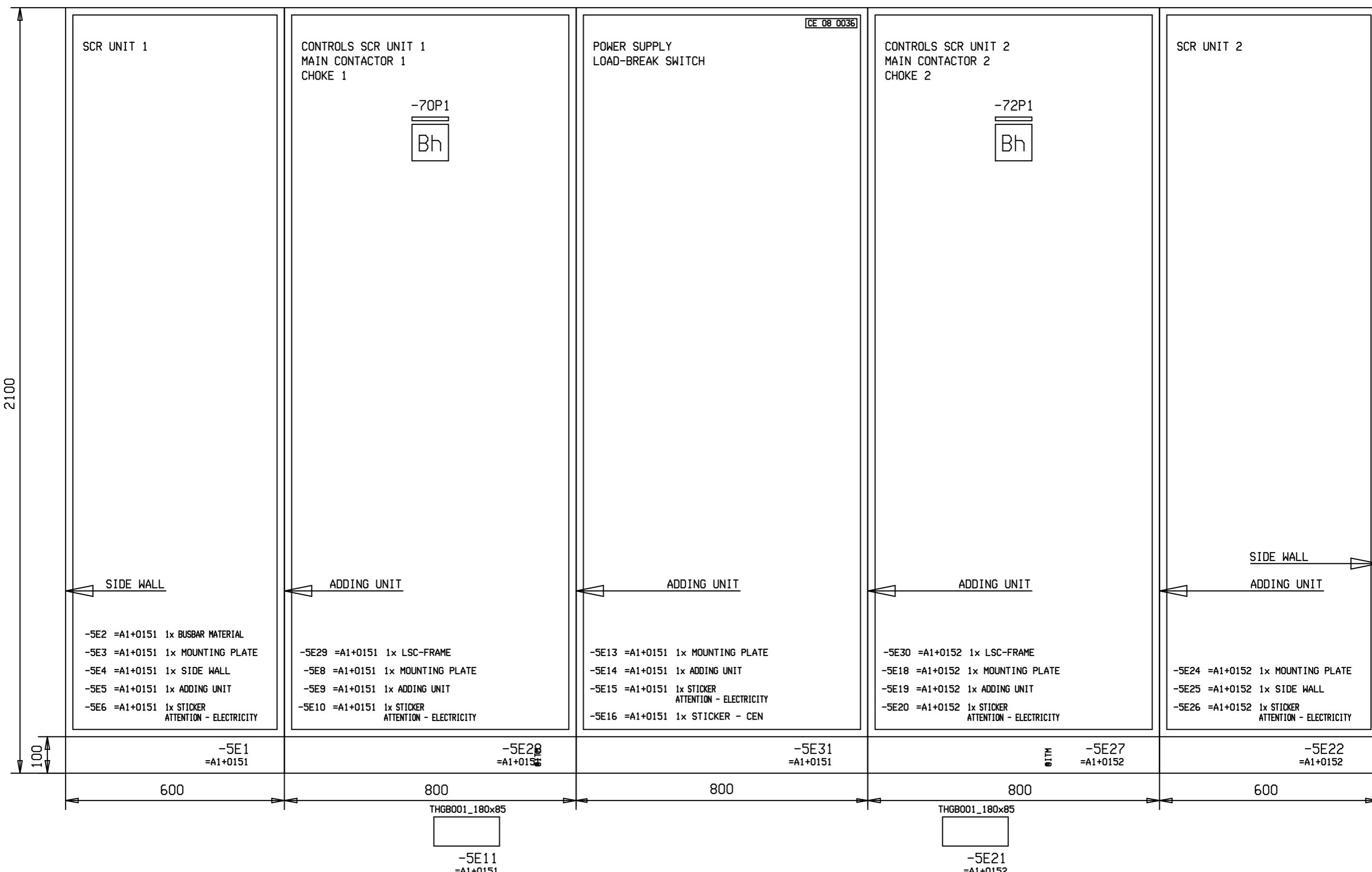
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Dr.ch.by

Fhs

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Sheet : 2



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Dr.ch.by						Cont.sheet:	Fhs	9

SCR UNIT	A	B	C	D	POWER SWITCH	TERMINAL POWER SUPPLY
DCS-502B-0250	1x50mm2	1x50mm2	1x50mm2	30x10mm	160 A	1
DCS-502B-0350	1x70mm2	1x70mm2	1x70mm2	30x10mm	250 A	1
DCS-502B-0520	1x150mm2	1x150mm2	1x150mm2	30x10mm	400 A	2
DCS-502B-0820	2x120mm2	2x120mm2	2x120mm2	30x10mm	630 A	2
DCS-502B-1203	2x185mm2	50x10mm	-	50x10mm	1000 A	3
DCS-502B-1503	4x120mm2	60x10mm	-	60x10mm	1250 A	4
DCS-502B-2003	80x10mm	80x10mm	-	80x10mm	1600 A	6
2x DCS-502B-1203	80x10mm	40x10mm	-	40x10mm	1600 A	6
2x DCS-502B-1503	2x(50x10mm)	50x10mm	-	50x10mm	2000 A	8
2x DCS-502B-2003	2x(60x10mm)	60x10mm	-	60x10mm	2500 A	8



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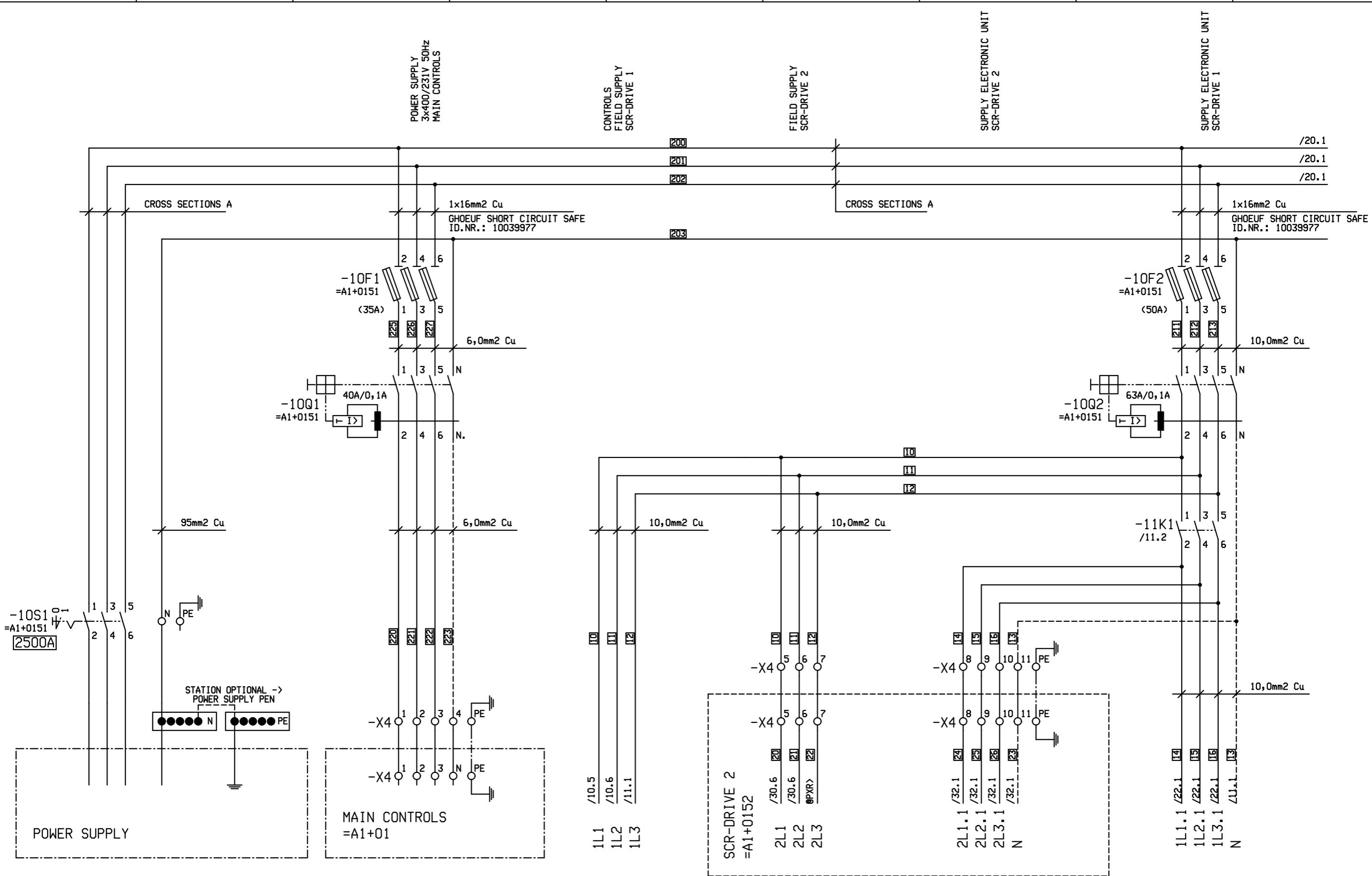
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200-229

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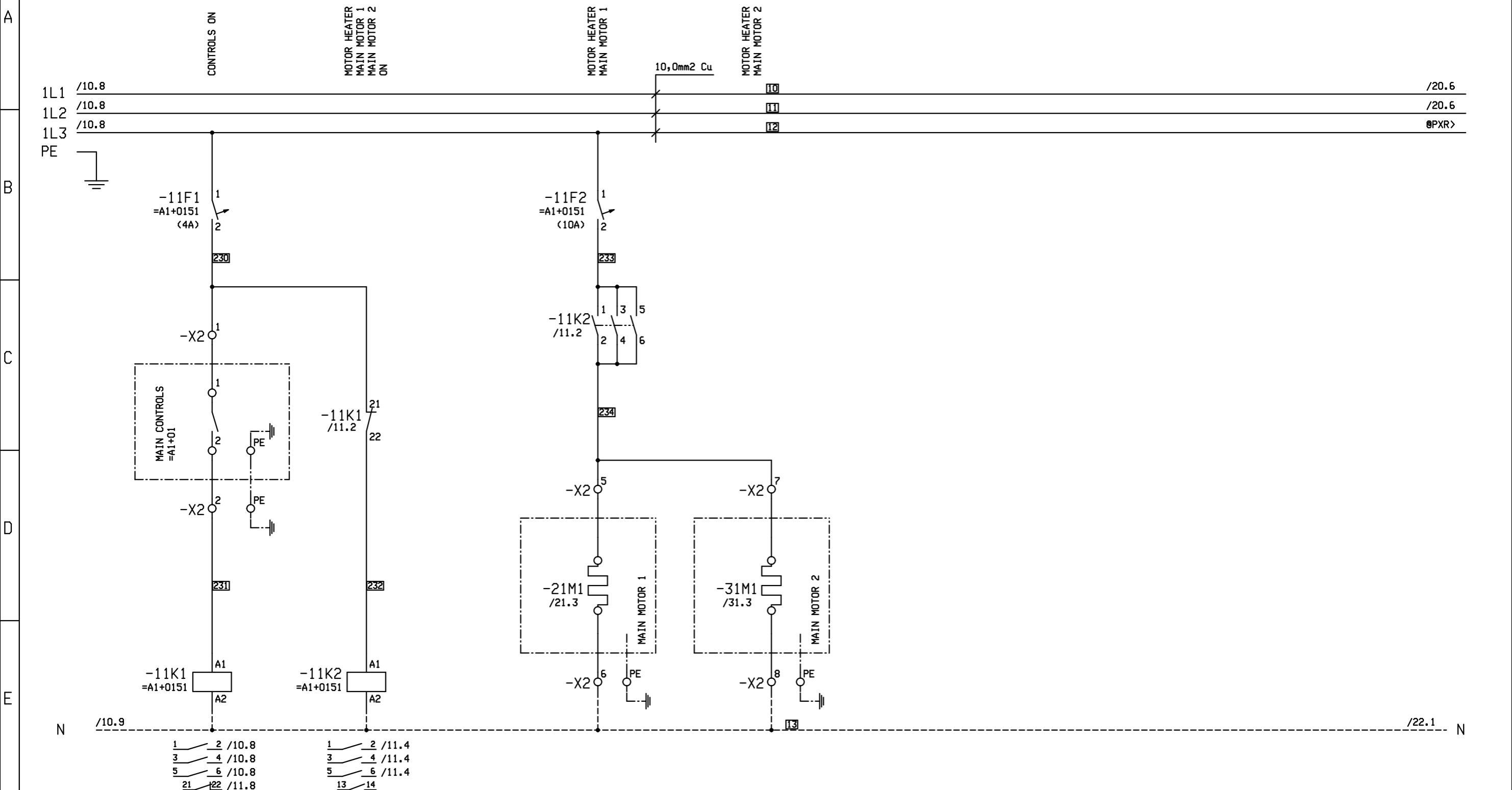
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POWER SUPPLY 3X400/230V

DRIVE STATION

LV-CONTROL SCR-UNIT

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Dr.ch.by	Fhs	Cont.sheet: 11



230-249

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CONTROLS ON

DRIVE STATION

LV-CONTROL SCR-UNIT

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Dr.ch.by	Fhs	Cont.sheet: 12

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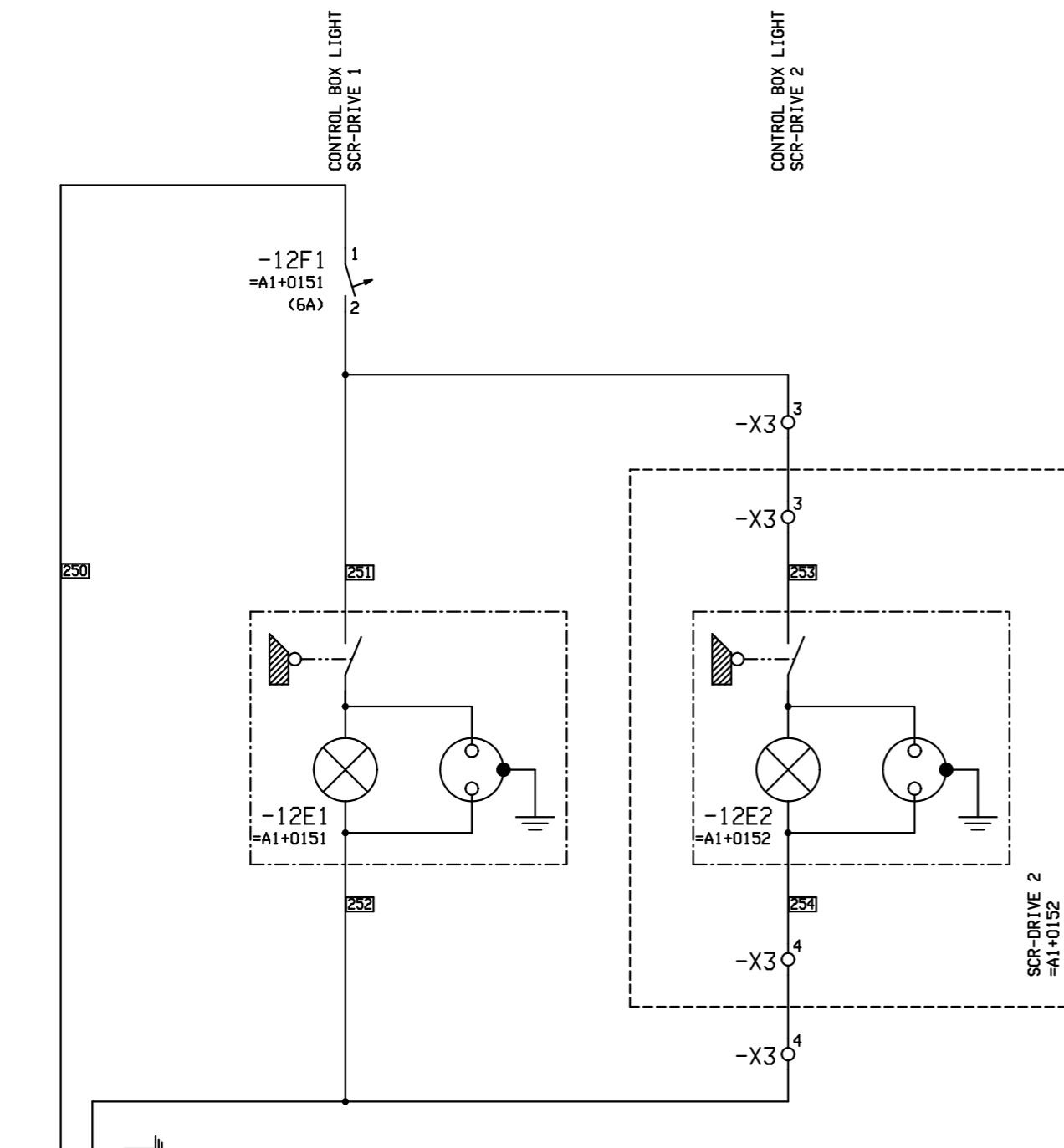
B

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POWER SUPPLY
FROM BATTERY PANEL
231V/50Hz
WITH FUSES
10A

250-279

Revision	2.0	Drawn by	MaM	8-MGD BANA CABLE CAR WAA0001583 DANANG / VIETNAM	Doppelmayr Innova Patent GmbH A-6960 WOLFURT / AUSTRIA	Rev.ind.	2.0	= =A1+0151
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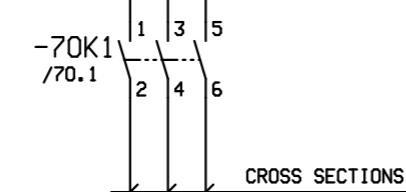
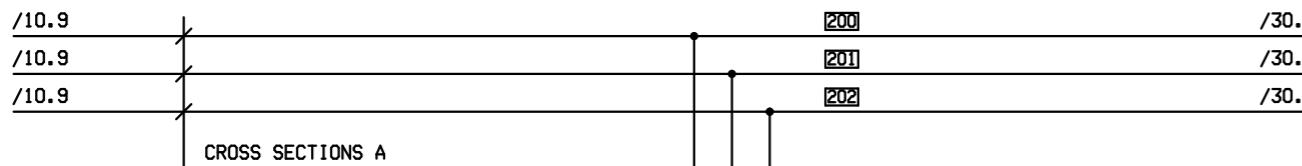
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CONTROL BOX LIGHT

DRIVE STATION

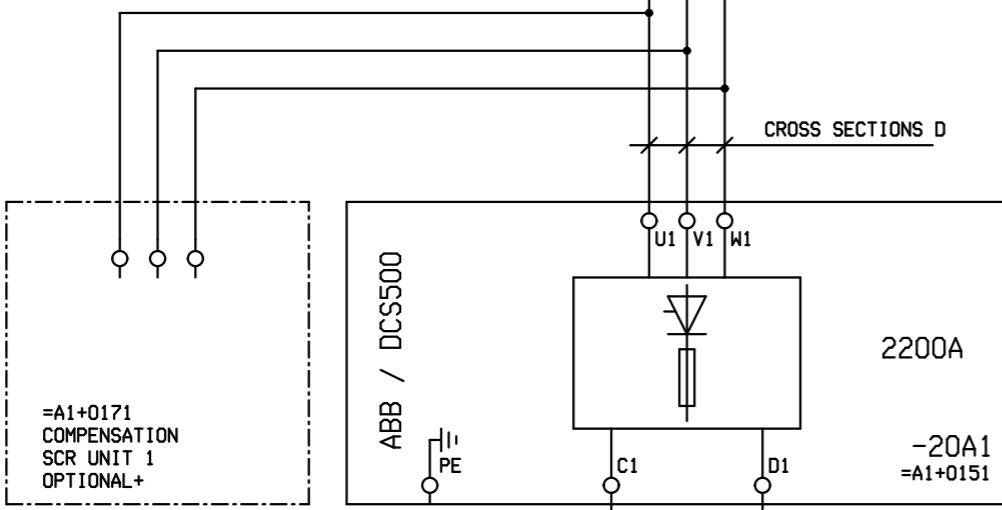
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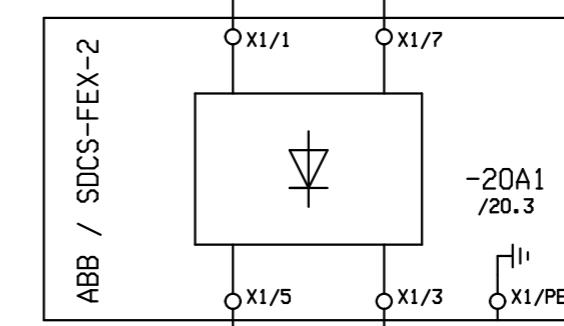
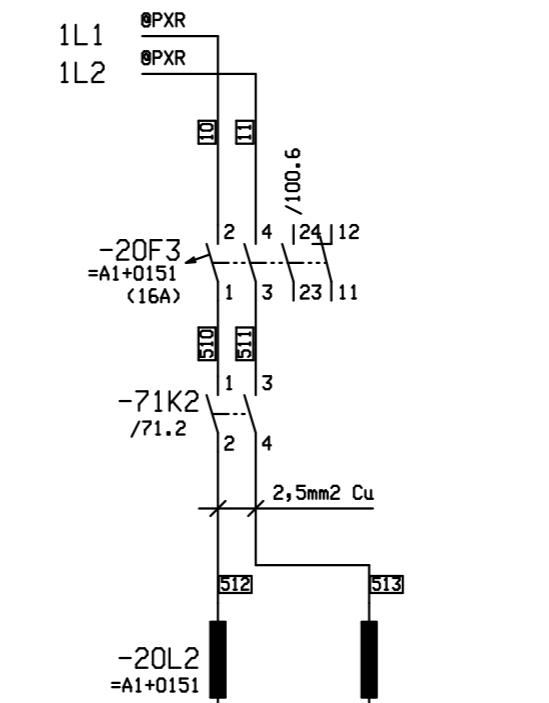


4x185mm² Cu

=A1+03-21M1:A1 /21.3#A1
=A1+03-21M1:B1 /21.4#A1

1L+ 1L-

500-529



516 517
2,5mm² Cu
1F1 1F2
=A1-X11:1F1 /21.6#A1
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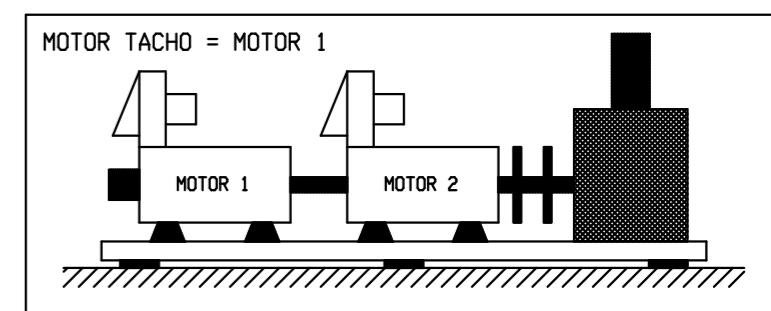
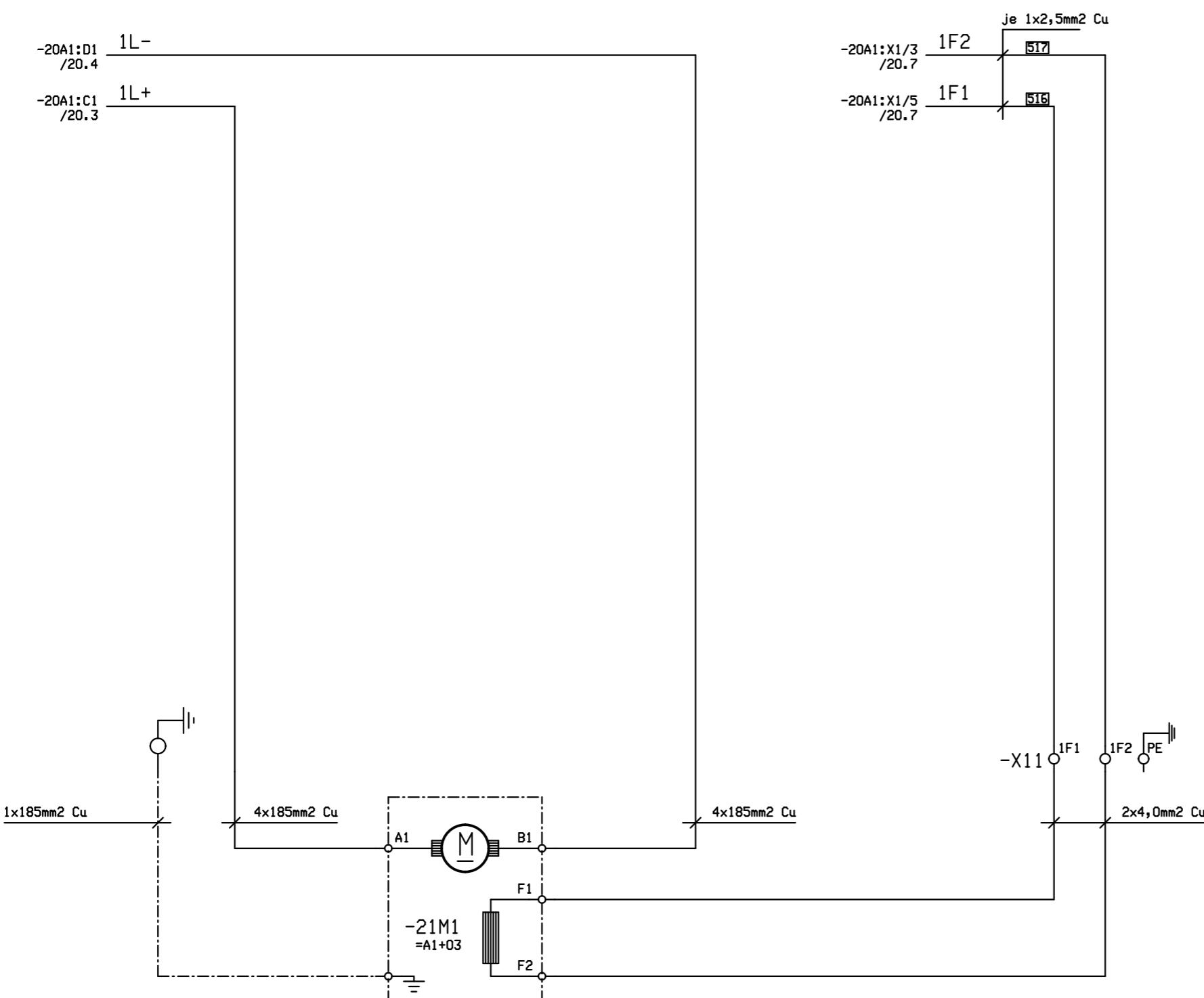
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DRIVE STATION

LV-CONTROL SCR-UNIT

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Dr.ch.by	Fhs	Cont.sheet: 21

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530-559

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WAA0001583
DANANG / VIETNAM



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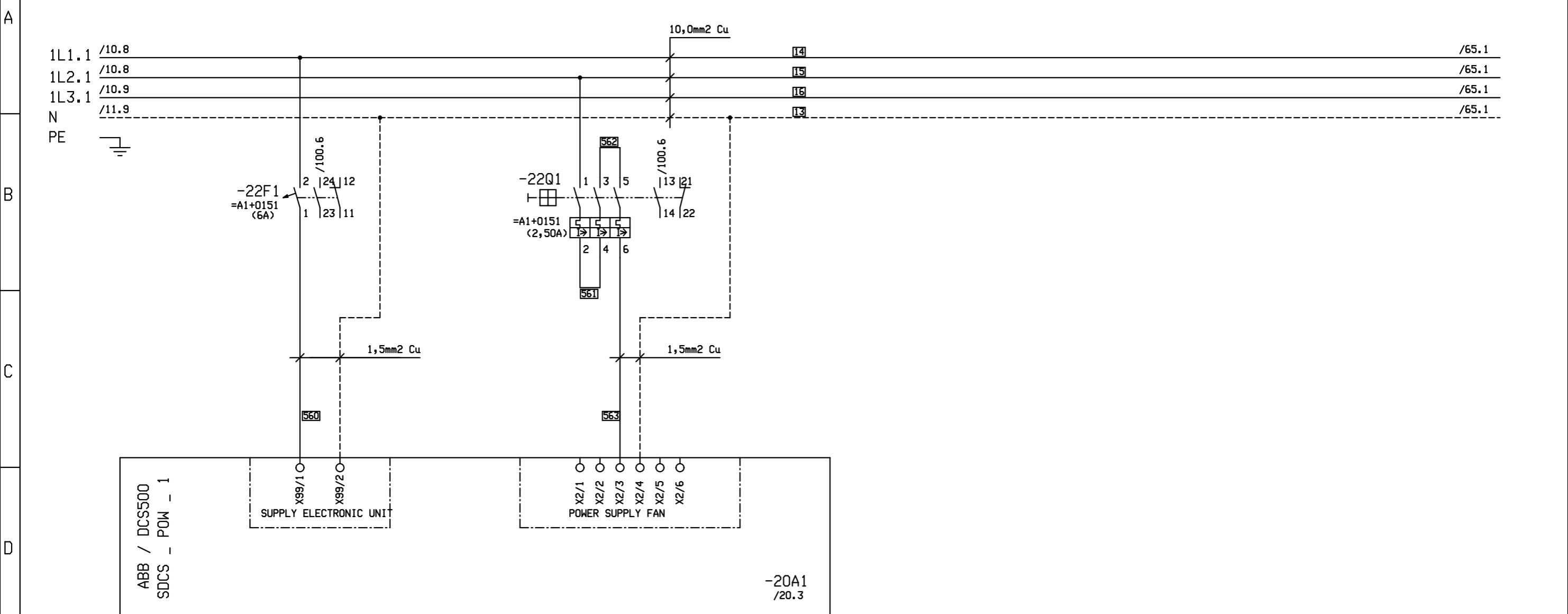


MAIN MOTOR 1

DRIVE STATION

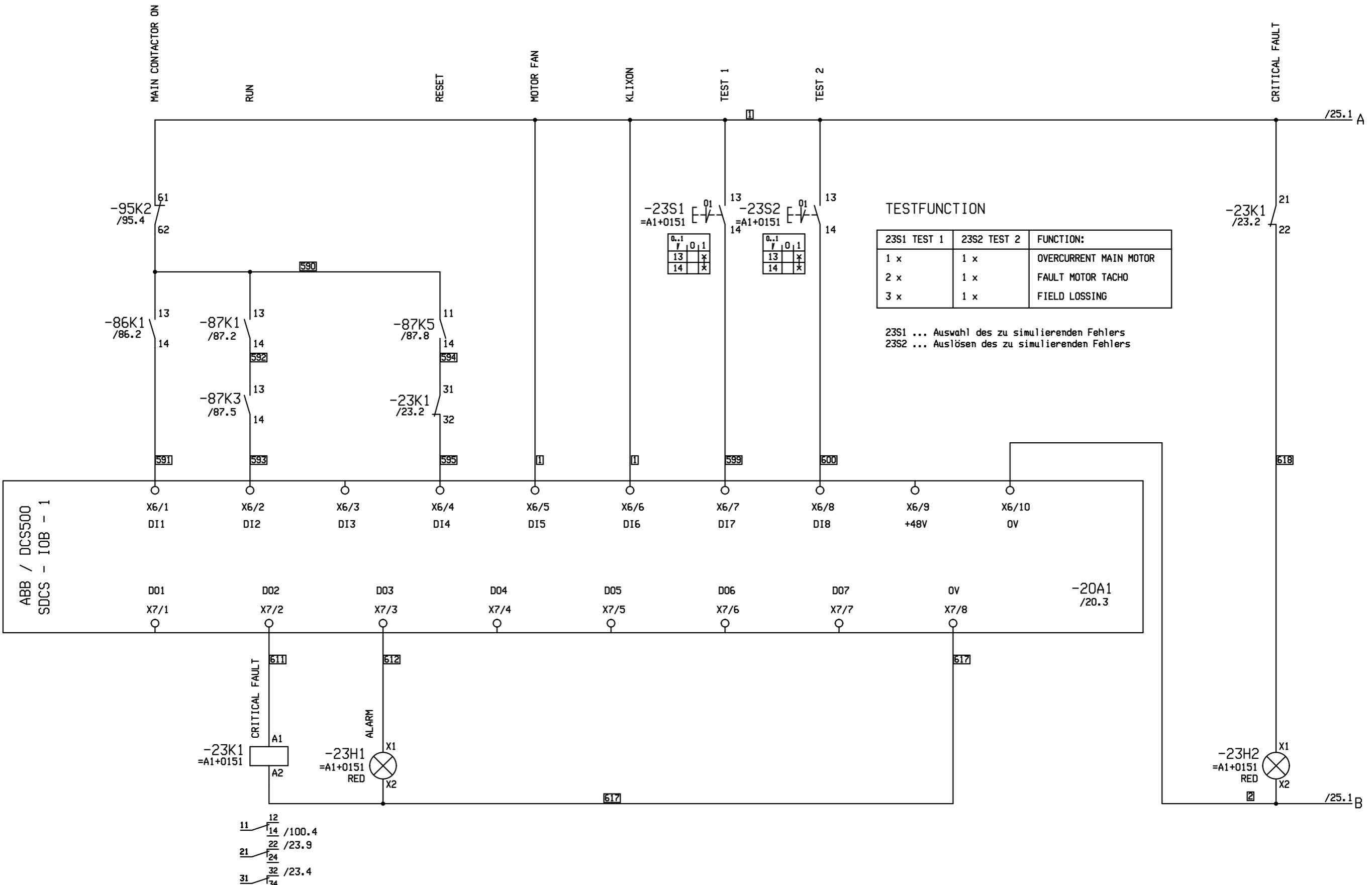
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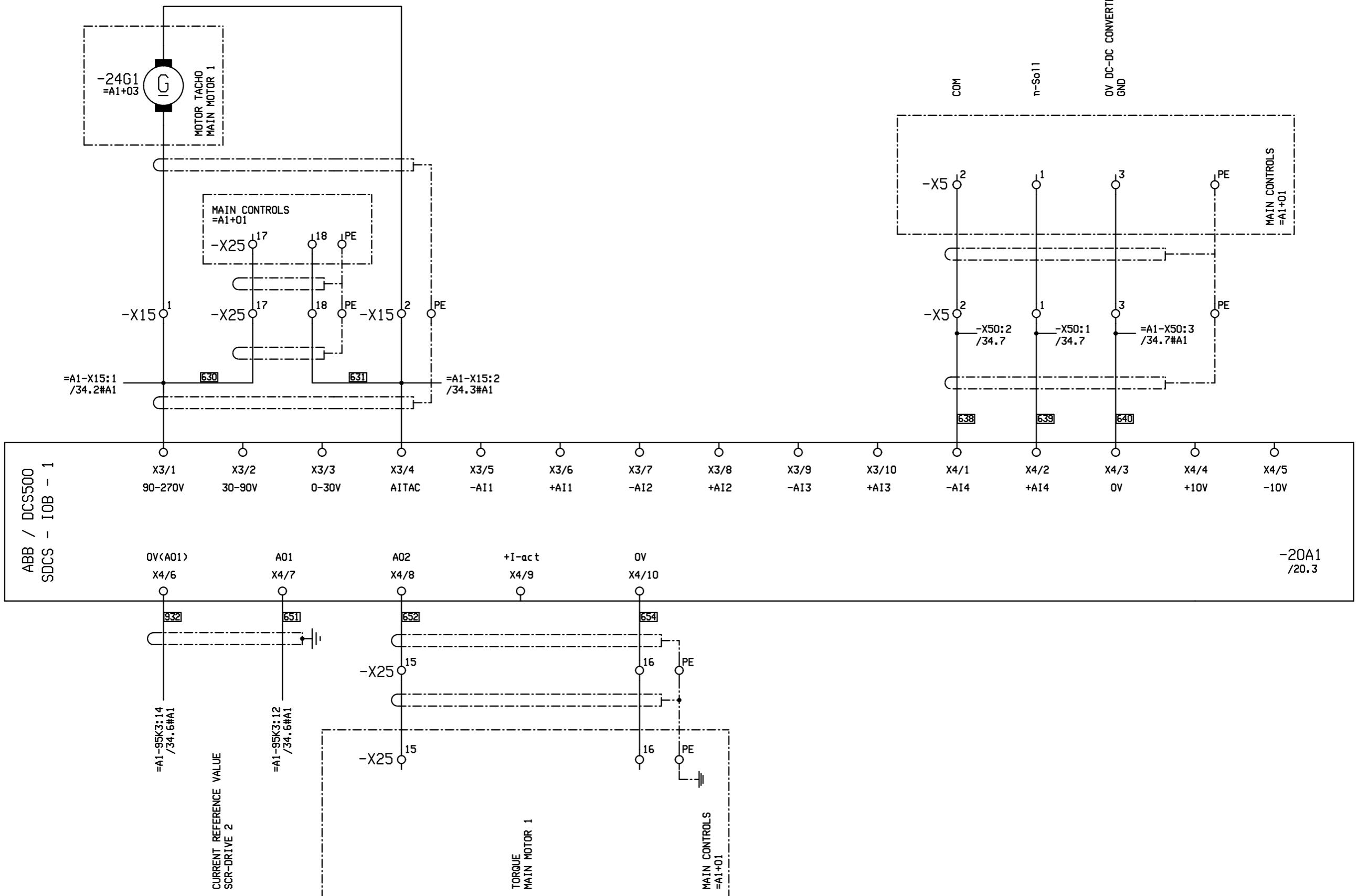


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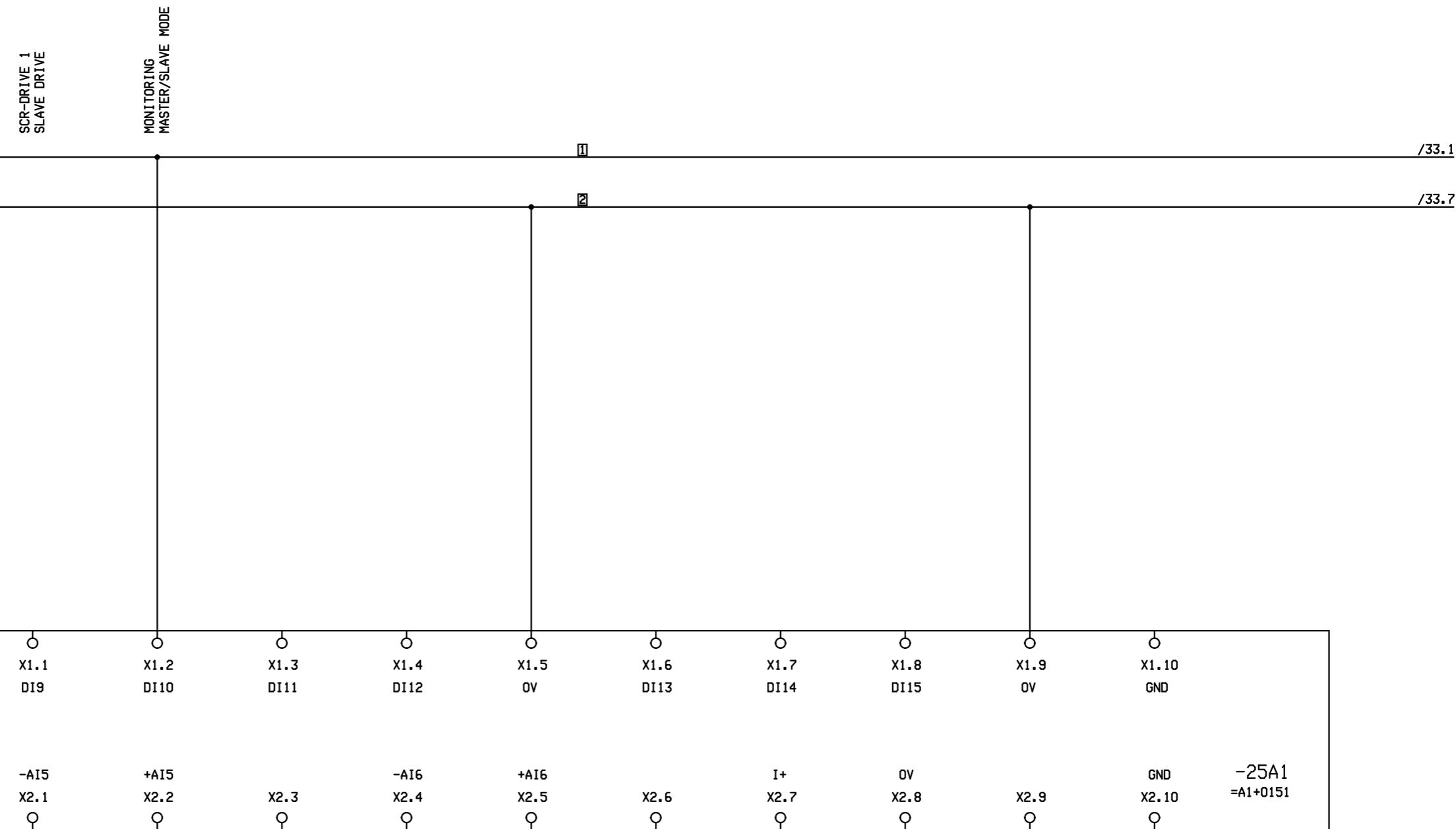
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			DRIVE STATION		LV-CONTROL SCR-UNIT						
									Dr.ch.by	Fhs	Cont.sheet: 24



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760-789

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8-MGD BANA CABLE CA
WAA0001583
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Innova Patent GmbH
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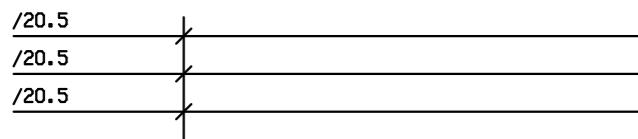
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SCR DRIVE 1

DRIVE STATION LV-CONTROL SCR-UNIT

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Dr.ch.by	Fhs	Cont.sheet:	30

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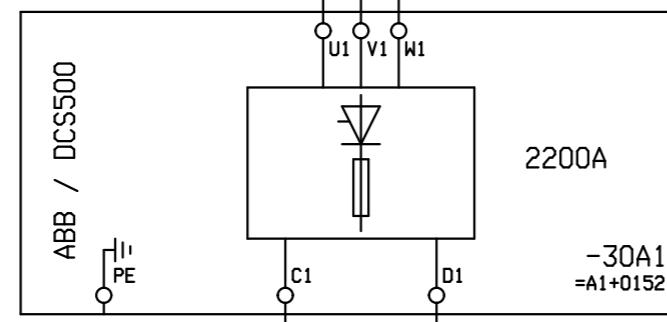
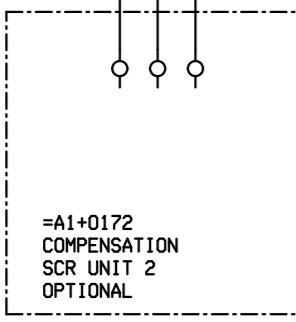


-72K1
/72.1
1 3 5
2 4 6

CROSS SECTIONS B

-30L1
=A1+0152
1 3 5
2 4 6

CROSS SECTIONS D

je 4x185mm² Cu

=A1+03-31M1-A1
/31.3#A1
2L+ 2L-

Doppelmayr
Innova Patent GmbH
A-6960 WOLFURT / AUSTRIA

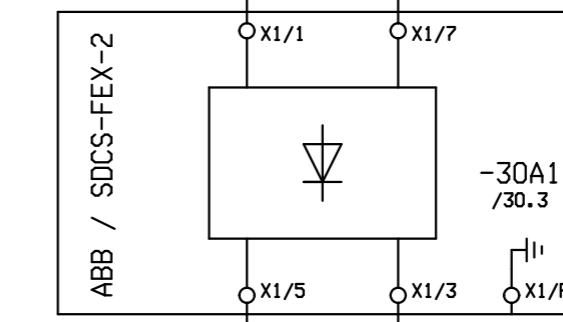
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2L1
2L2
@PXR
@PXR
20 21

-30F3
=A1+0152
(16A)
1 3 23 11
2 4 12

-72K4
/72.5
1 3 5
2 4 6
2,5mm² Cu

-30L2
=A1+0152
1 3 5
2 4 6



2F1 2F2
2,5mm² Cu

=A1-X11:2F1
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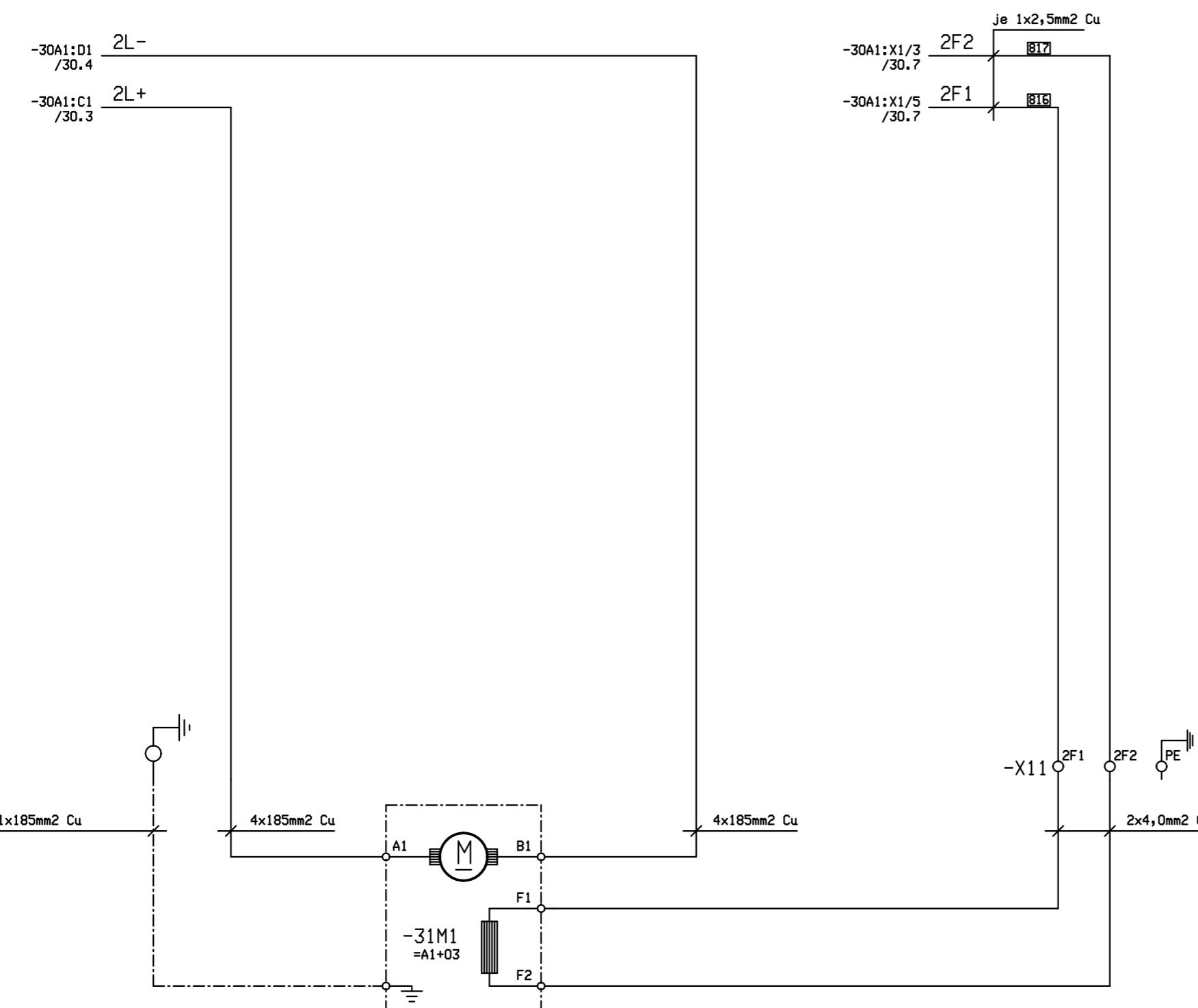
8-MGD BANA CABLE CAR
WAA0001583
DANANG / VIETNAM

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Innova Patent GmbH
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SCR-DRIVE 2
DRIVE STATION LV-CONTROL SCR-UNIT

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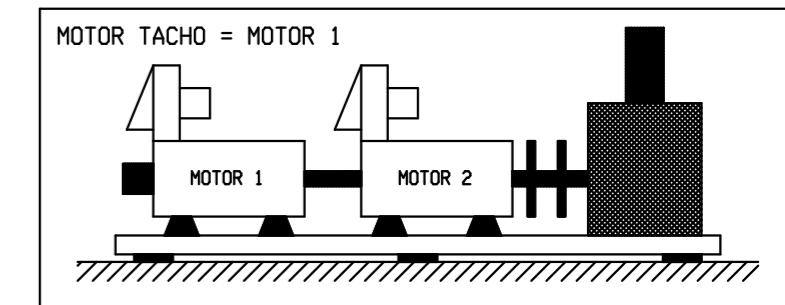
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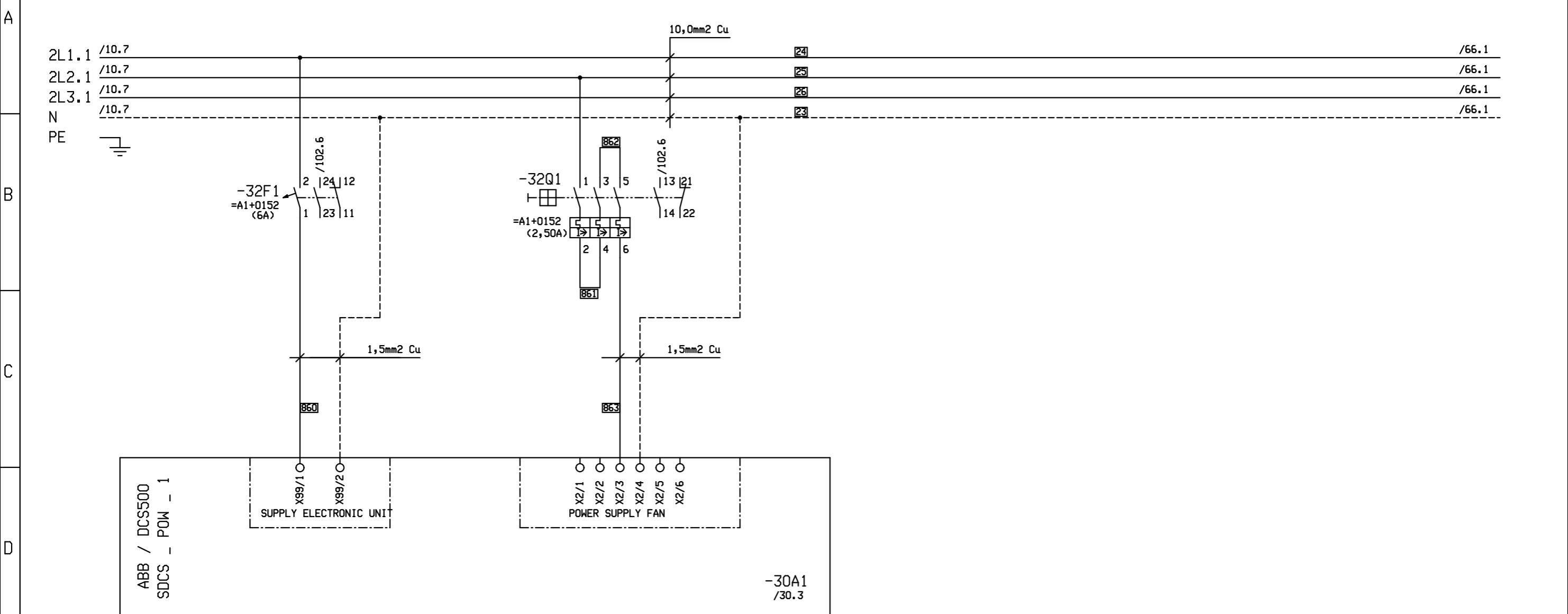
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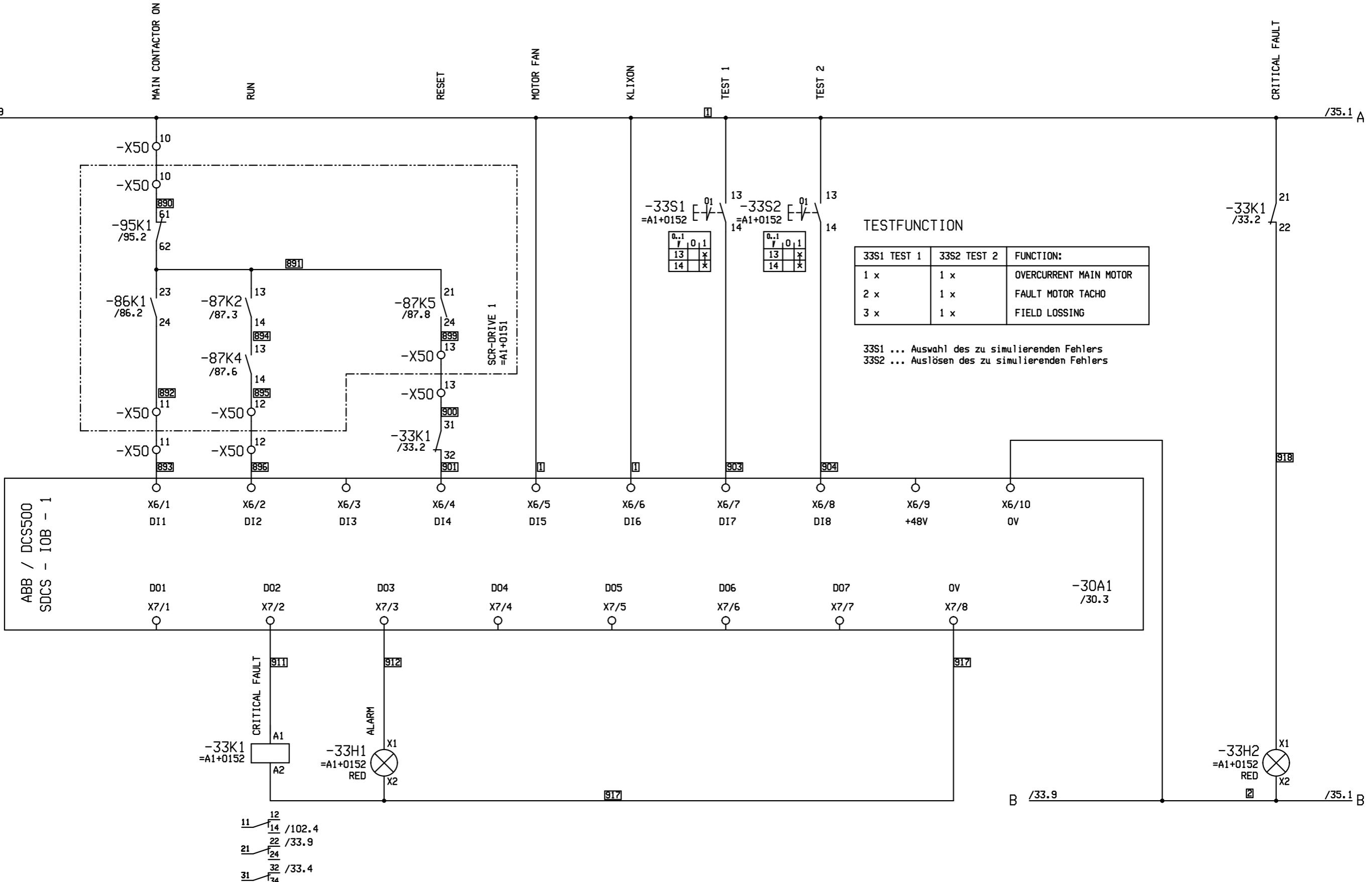
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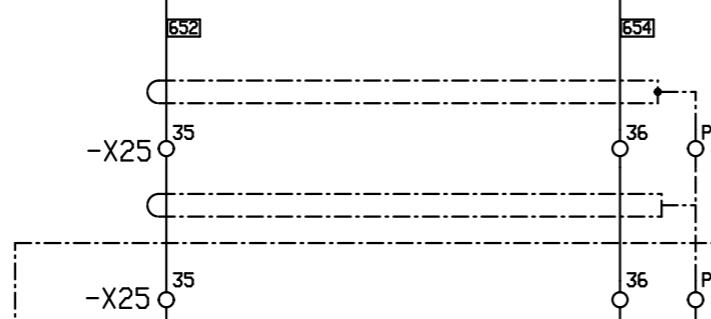
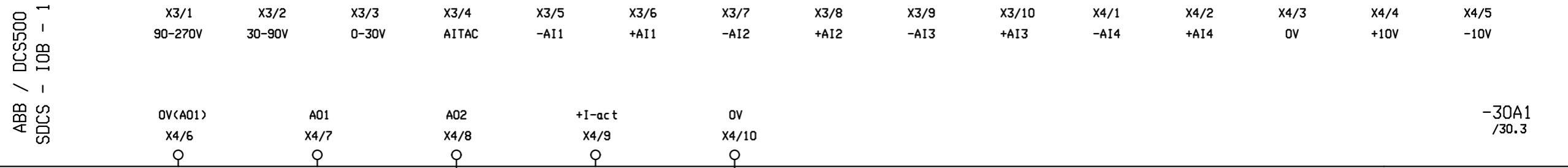
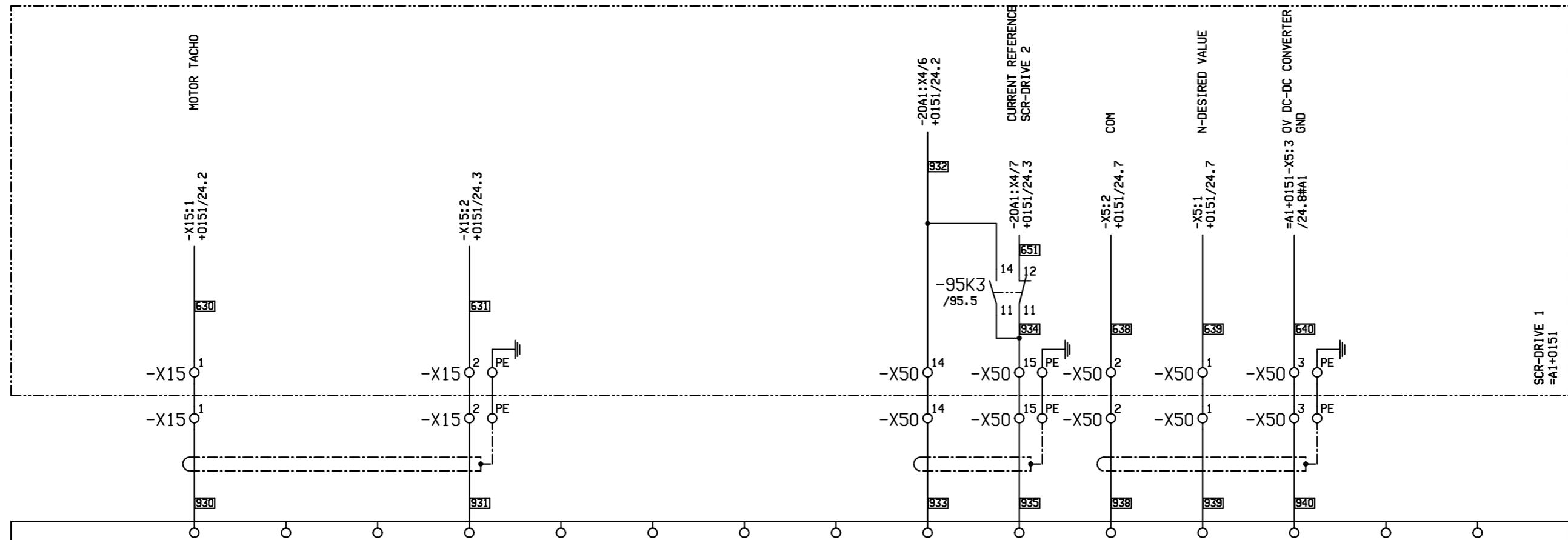




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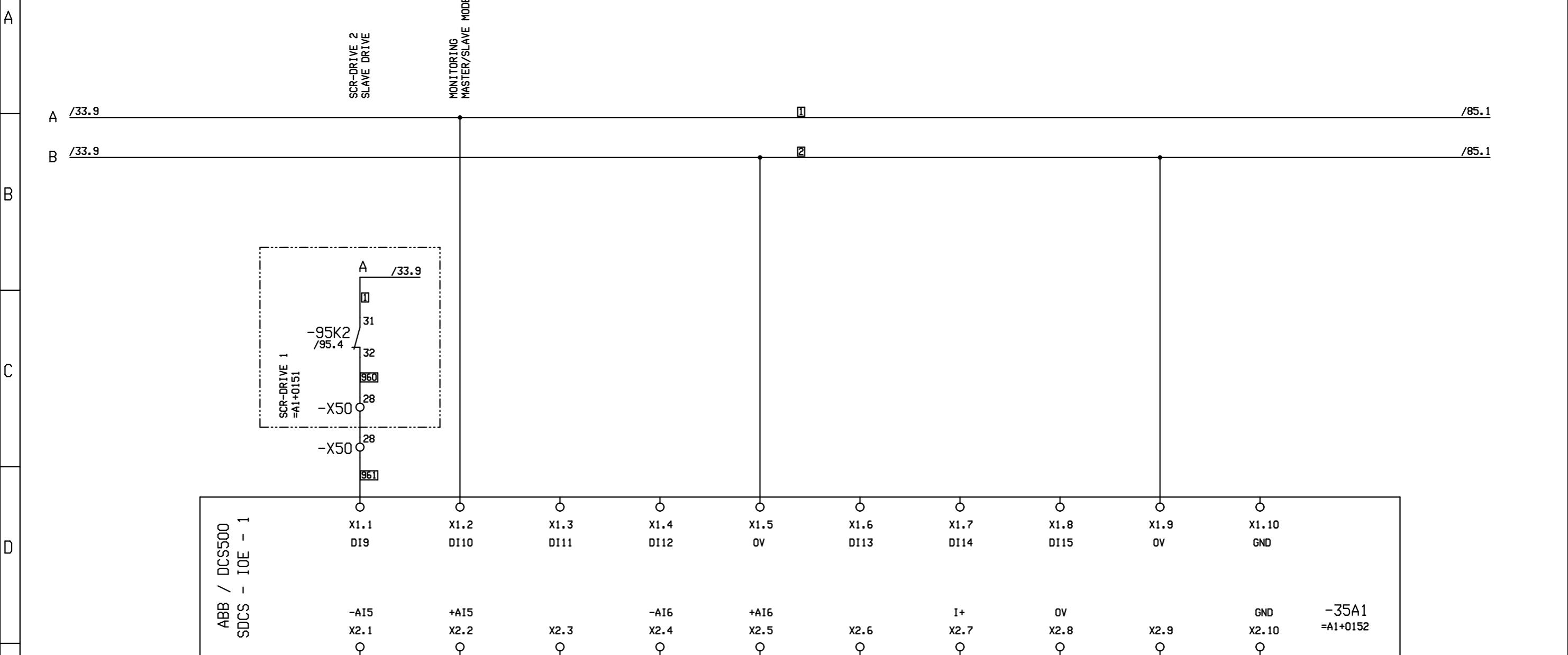


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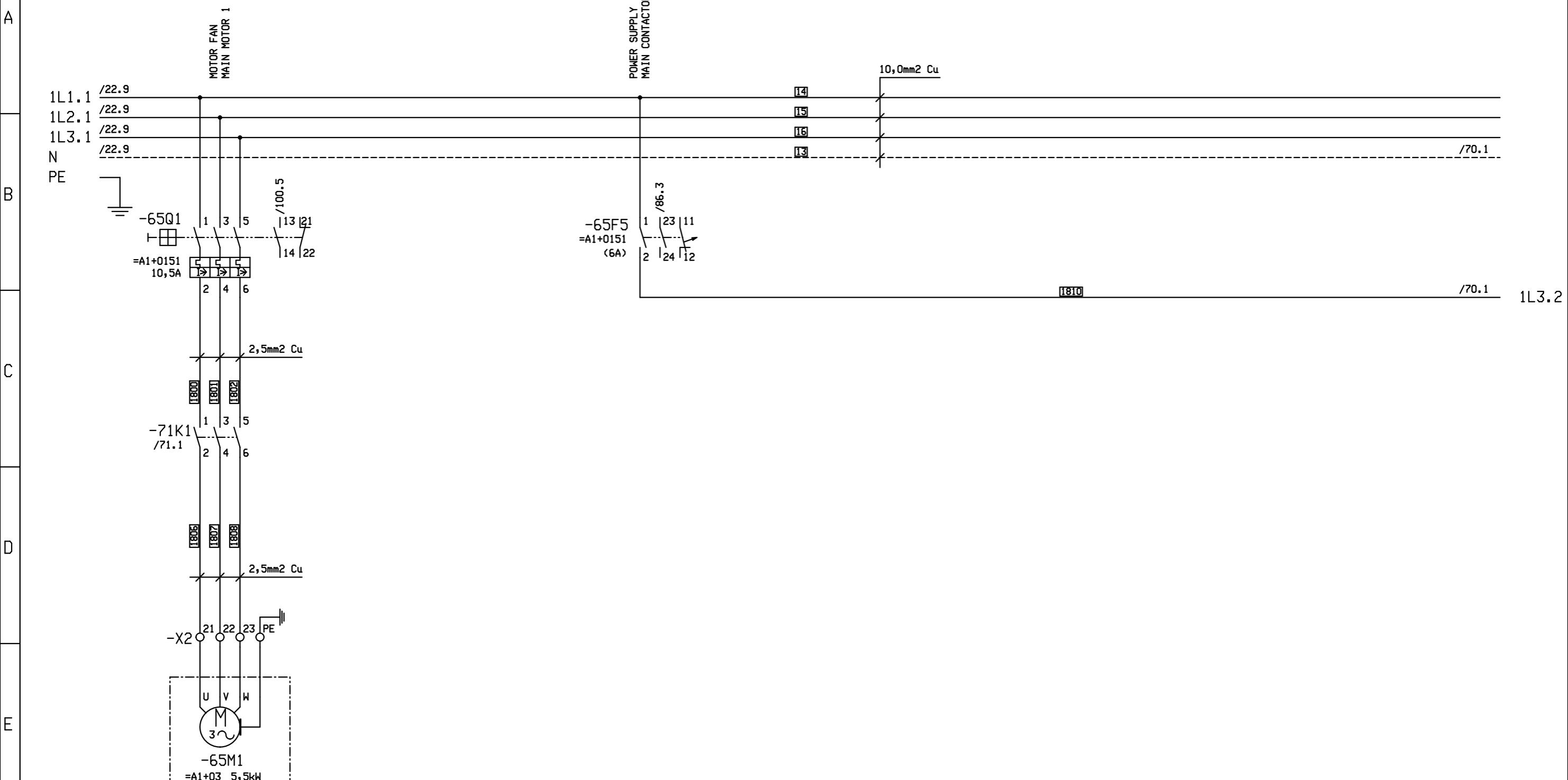
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8-MGD BANA CABLE CAR
WAA0001583
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Innova Patent GmbH
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SCR-DRIVE 2
DRIVE STATION | LV-CONTROL SCR-UNIT

Rev.ind.	2.0	= =A1+0152
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Drawn by	Sst	Sheet : 35
Dr.ch.by	Fhs	Cont.sheet: 65



1800-1829

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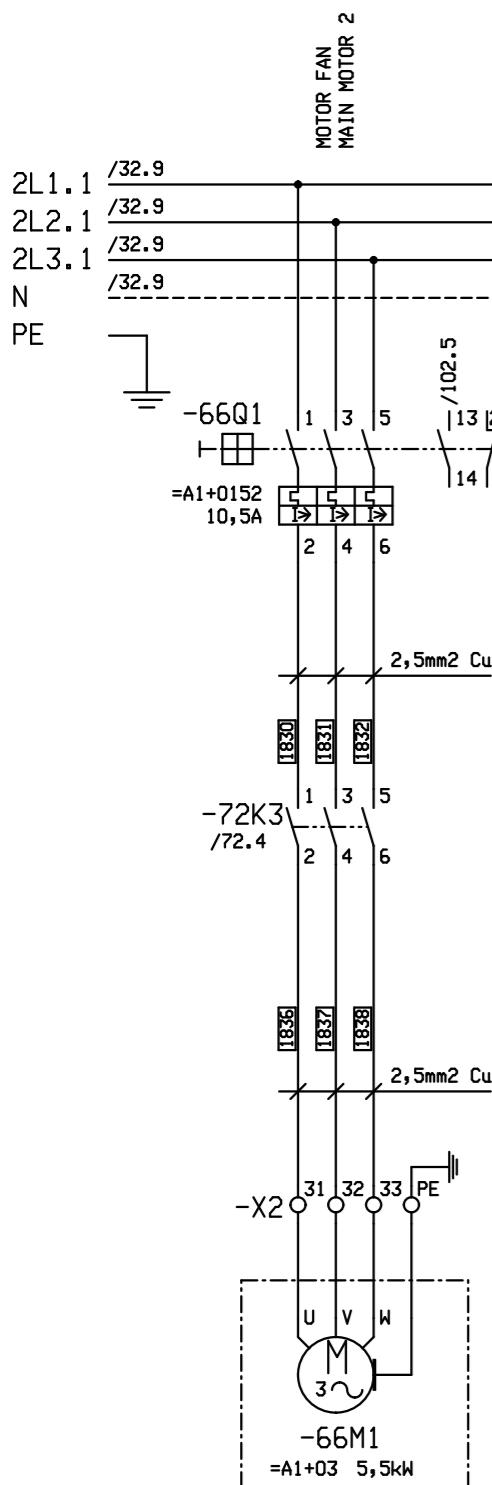
MOTOR FAN 1

DRIVE STATION

LV-CONTROL SCR-UNIT

Dr.ch.by	Fhs	Cont.sheet:	66
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1830-1859

Revision	2.0	Drawn by	MaM	8-MGD BANA CABLE CAR WAA0001583 DANANG / VIETNAM	Doppelmayr Innova Patent GmbH A-6960 WOLFURT / AUSTRIA	Rev.ind.	2.0	= =A1+0152
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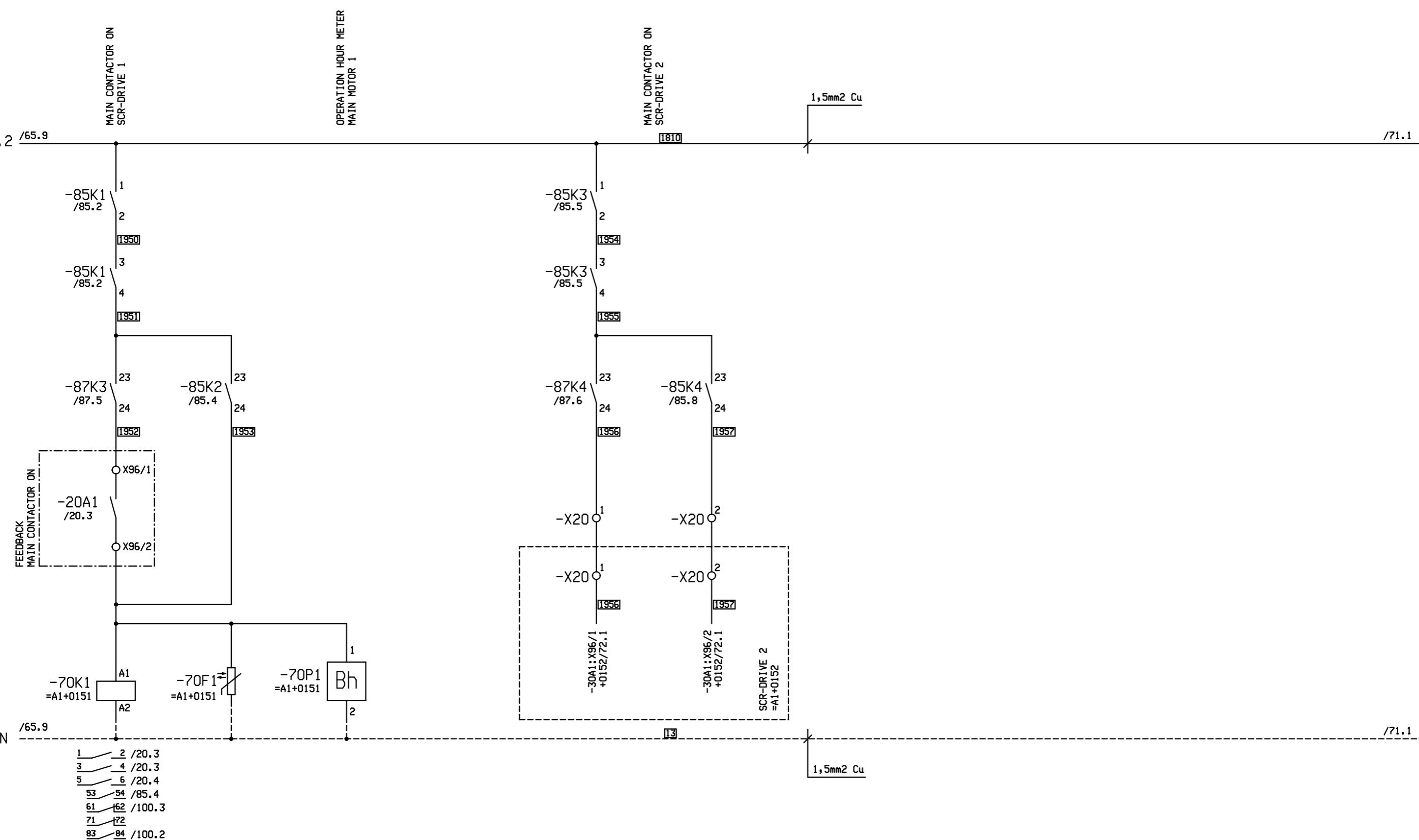


Doppelmayr

MOTOR FAN 2

DRIVE STATION

LV-CONTROL SCR-UNIT



1950-1979

Revision	2.0	Drawn by	MaM	8-MG WAAC DANA
Date	09.02.09	Dr.ch.by	Fhs	
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WAA0001583
DANANG / VIETNAM



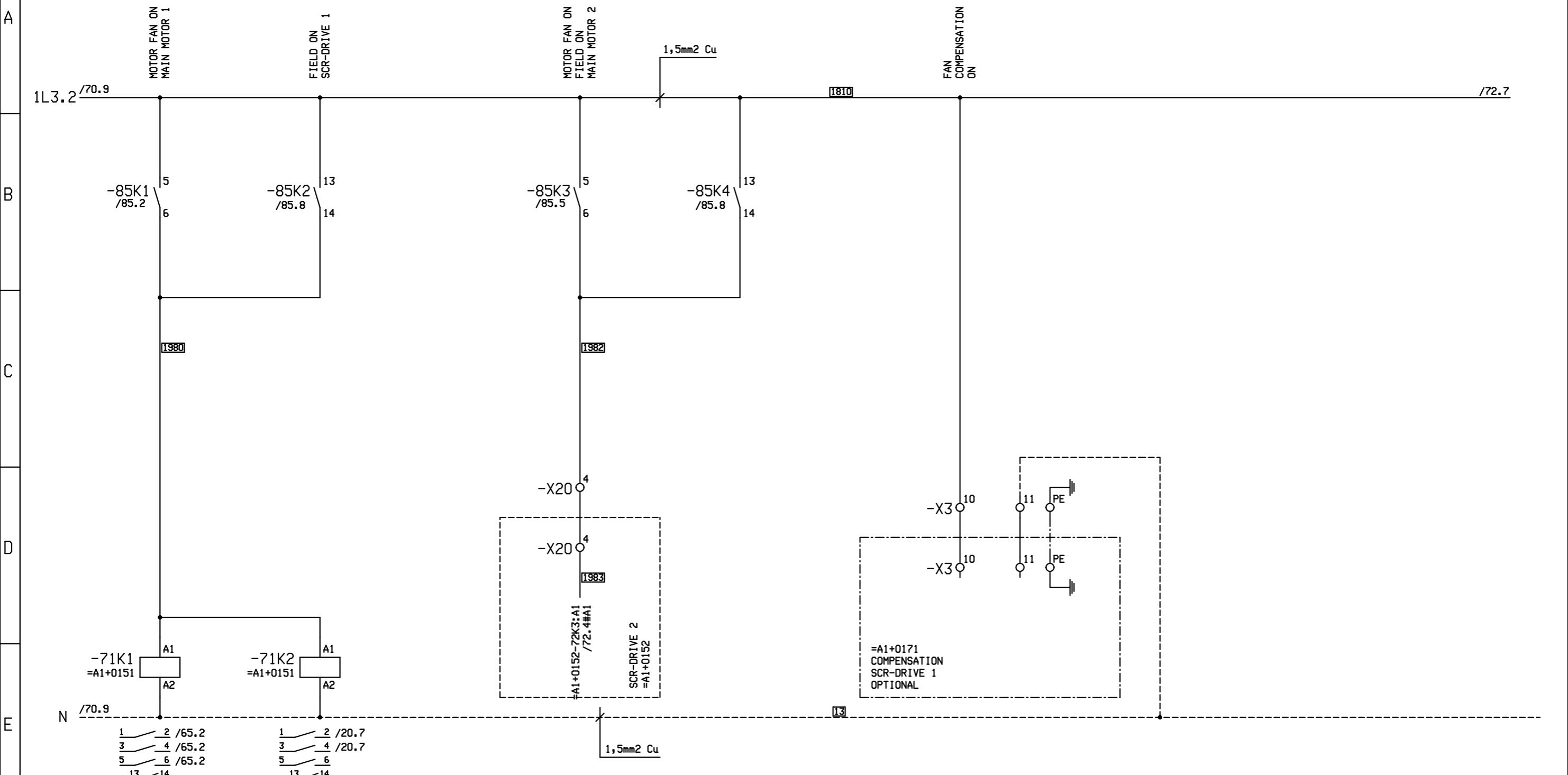
Innova Patent GmbH
A-6960 WOLFURT / AUSTRIA

B

MAIN CONTACTOR 1 ON

DRIVE STATION

Rev.ind.	2.0	=	=A1+0151
Date	09.02.09	+	
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Drawn by	Eba	Cont sheet:	71



Revision	2.0	Drawn by	MaM	8-MGD BANA CABLE CAR WAA0001583 DANANG / VIETNAM	Doppelmayr Innova Patent GmbH A-6960 WOLFURT / AUSTRIA	Rev.ind.	2.0	= =A1+0151
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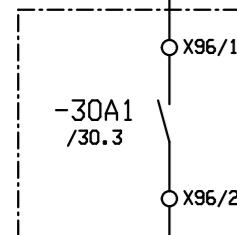
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ON

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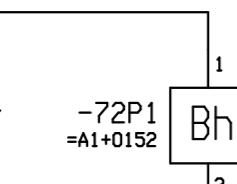
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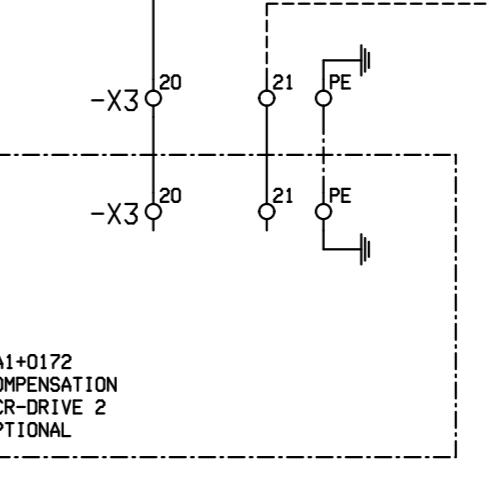
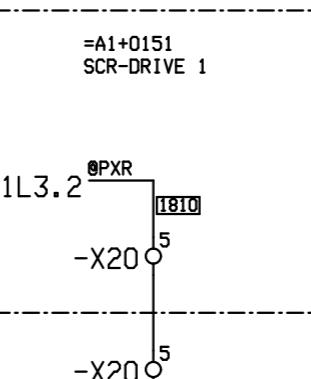
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COMPENSATION
SCR-DRIVE 2
OPTIONAL

2010-2039

Revision	2.0	Drawn by	MaM	8-MGD BANA CABLE CAR WAA0001583 DANANG / VIETNAM	Doppelmayr Innova Patent GmbH A-6960 WOLFURT / AUSTRIA	Rev.ind.	2.0	= =A1+0152
Date	09.02.09	Dr.ch.by	Fhs			Date	09.02.09	+ =A1+0152
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MAIN CONTACTOR 2 ON

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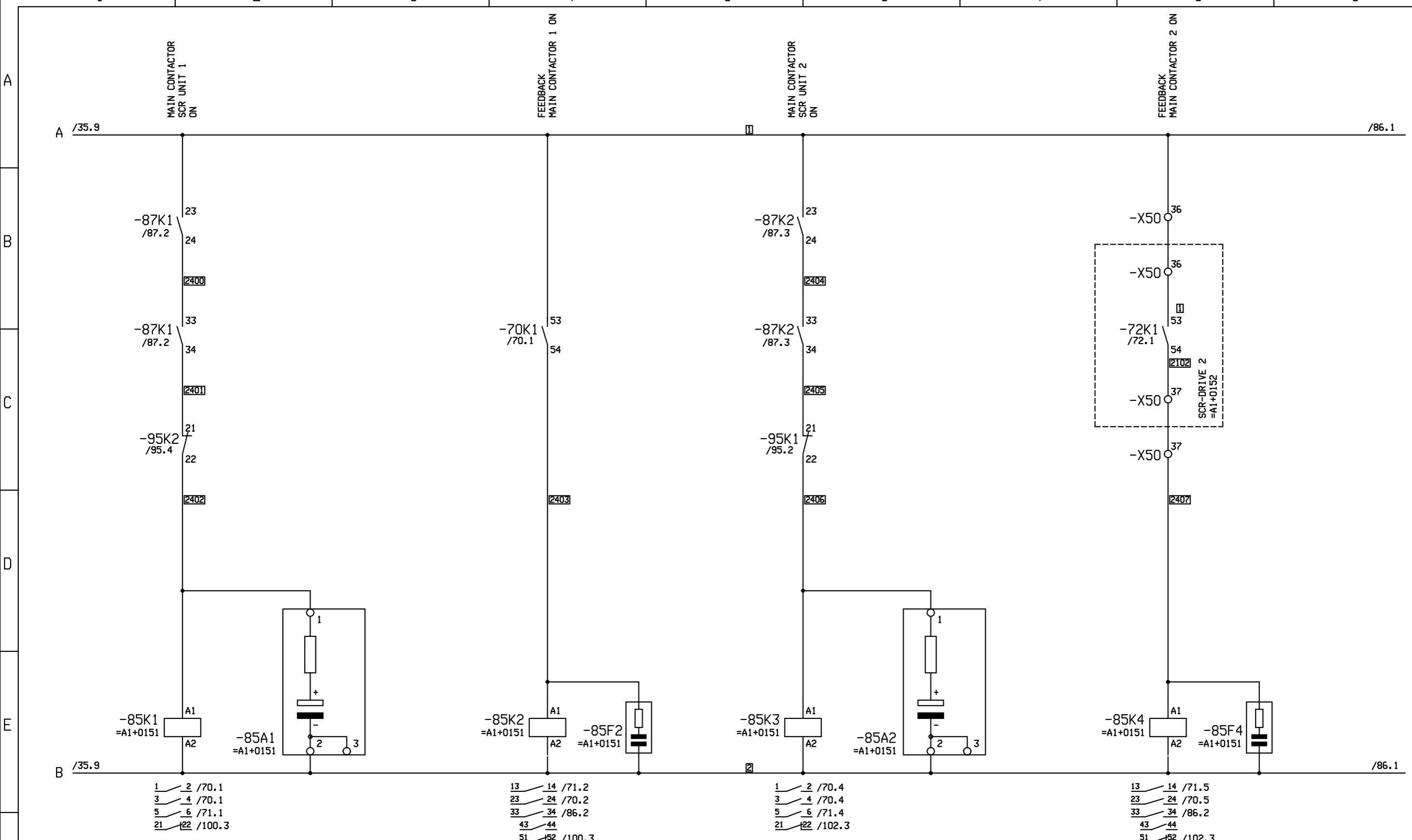
LV-CONTROL SCR-UNIT

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Dr.ch.by

Fhs

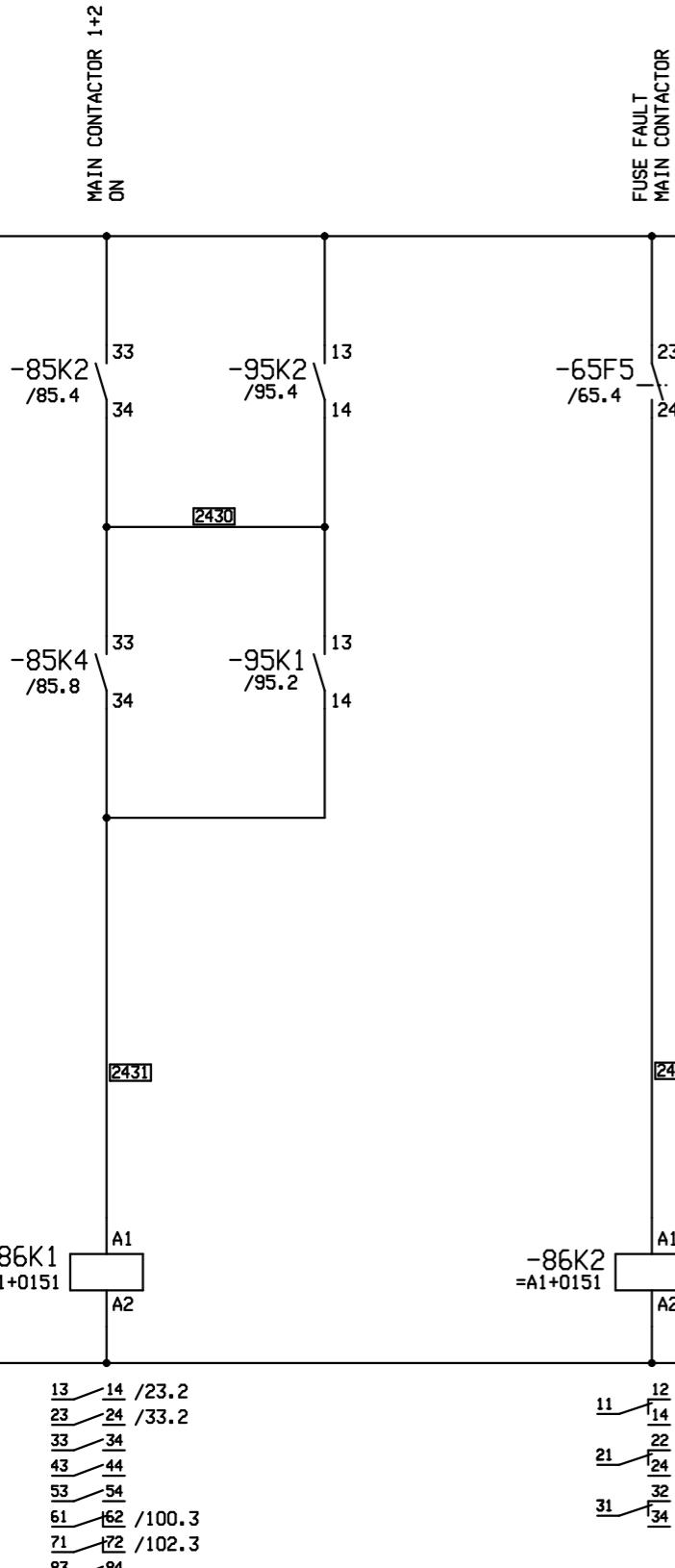
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2400-2429

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F 2430-2459

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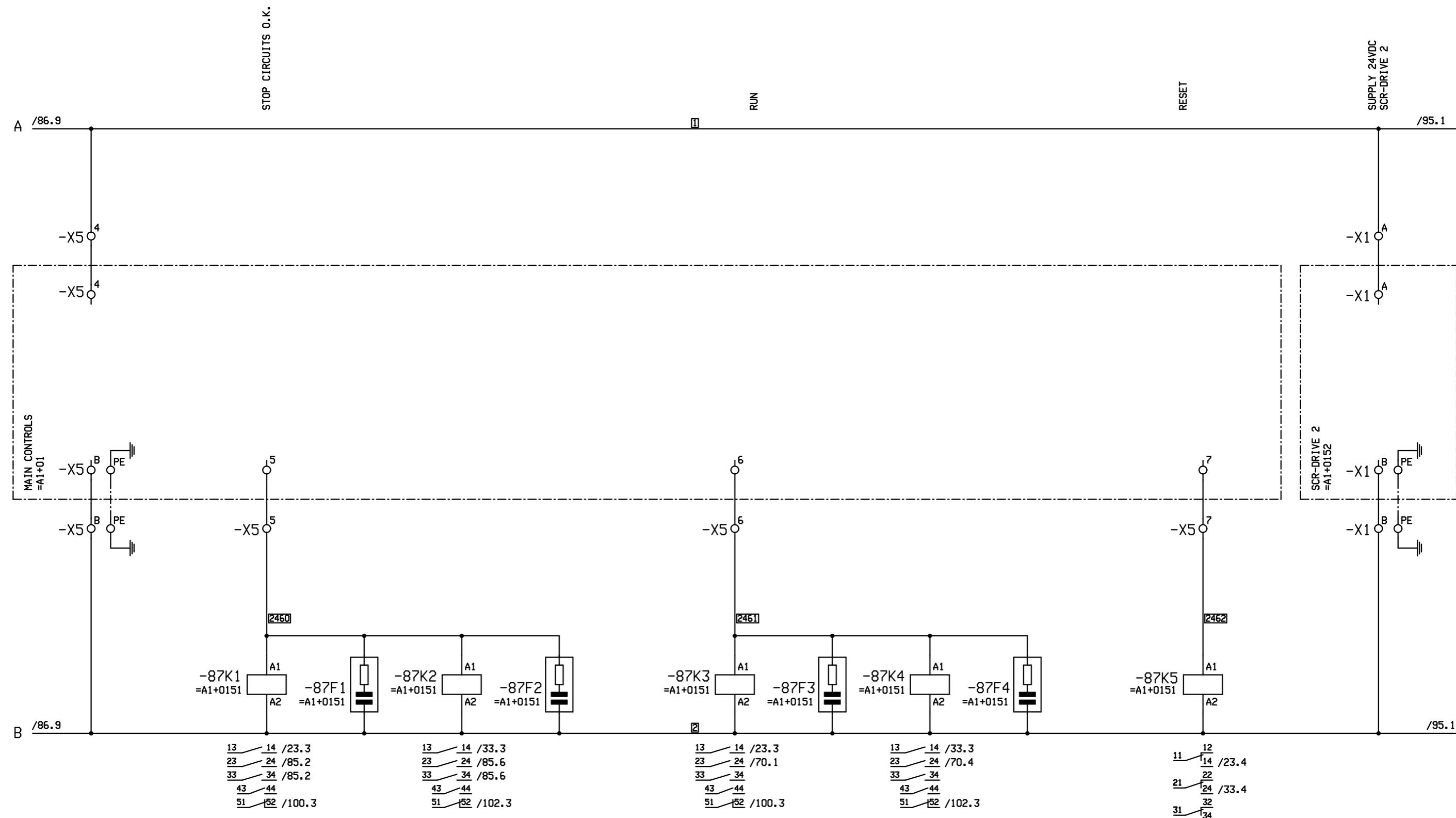


SCR CONTROLS

DRIVE STATION

LV-CONTROL SCR-UNIT

Rev.ind. 2.0
Date 09.02.09
Drawn by Sst Sheet : 86
Dr.ch.by Fhs Cont.sheet: 87



2460-2489

Revision	2.0	Drawn by	MaM	8-MC
Date	09.02.09	Dr.ch.by	Fhs	WAAC
File:	STWAA1583			



8-MGD BANA CABLE CAR
WAA0001583
DANANG / VIETNAM

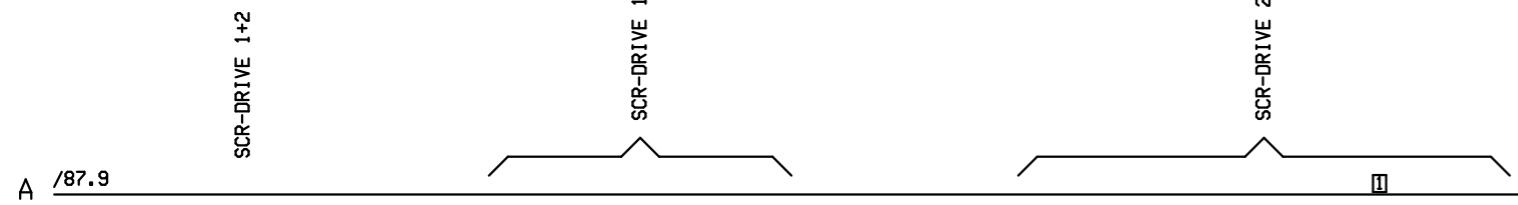
④ CONNECTIONS TO MAIN CONTROLS

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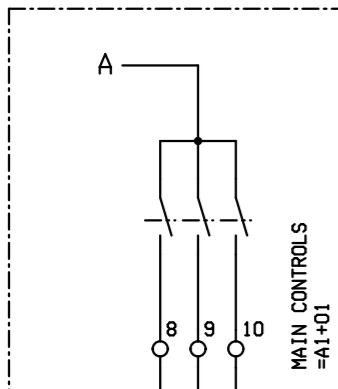
DRIVE STATION LV-CONTROL SCR-UNIT

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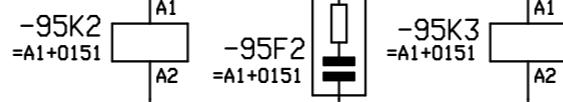
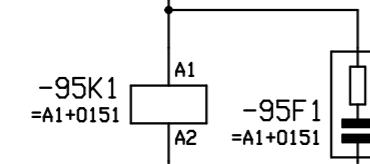


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[2702]

[2701]

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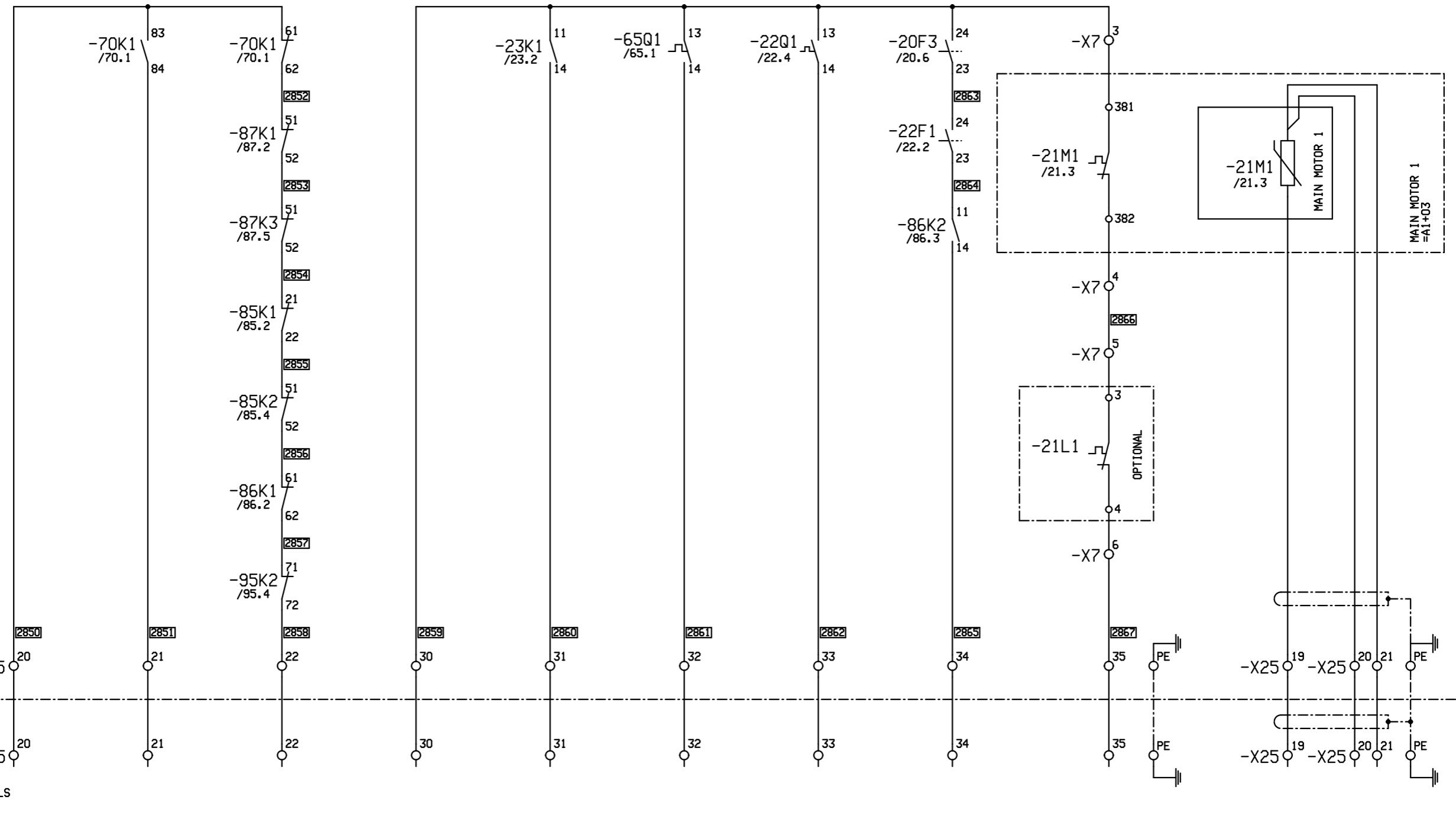
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2700-2729

Revision	2.0	Drawn by	MaM	8-MGD BANA CABLE CAR WAA0001583 DANANG / VIETNAM	Doppelmayr Innova Patent GmbH A-6960 WOLFURT / AUSTRIA	Rev.ind.	2.0	= =A1+0151		
Date	09.02.09	Dr.ch.by	Fhs			Date	09.02.09	+ =A1+0151		
File:	STWAA1583					Drawn by	Sst	Sheet : 95		
CHANGE OVER SCR-UNIT			LV-CONTROL SCR-UNIT			Dr.ch.by	Fhs	Cont.sheet: 100		
DRIVE STATION			LV-CONTROL SCR-UNIT							

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MAIN CONTACTOR ON
SCR-DRIVE 1MAIN CONTACTOR OFF
SCR-DRIVE 1TECHNICAL FAULT
SCR-DRIVE 1OVERCURRENT
MOTOR FAN
SCR-DRIVE 1OVERCURRENT
THYRISTOR FAN
SCR-DRIVE 1FUSE FAULT
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INDUCTION COIL
SCR-DRIVE 1

2850-2879

Revision	2.0	Drawn by	MaM	8-MGD BANA CABLE CAR WAA0001583 DANANG / VIETNAM	Doppelmayr <small>Innova Patent GmbH A-6960 WOLFURT / AUSTRIA</small>	Rev.ind.	2.0	= =A1+0151
Date	09.02.09	Dr.ch.by	Fhs			Date	09.02.09	+ +
File:	STWAA1583					Drawn by	Sst	Sheet : 100



CONNECTIONS TO MAIN CONTROLS SCR-DRIVE 1

DRIVE STATION

LV-CONTROL SCR-UNIT

Rev.ind.

2.0

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Date

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Drawn by

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Sheet : 100

Cont.sheet: 102

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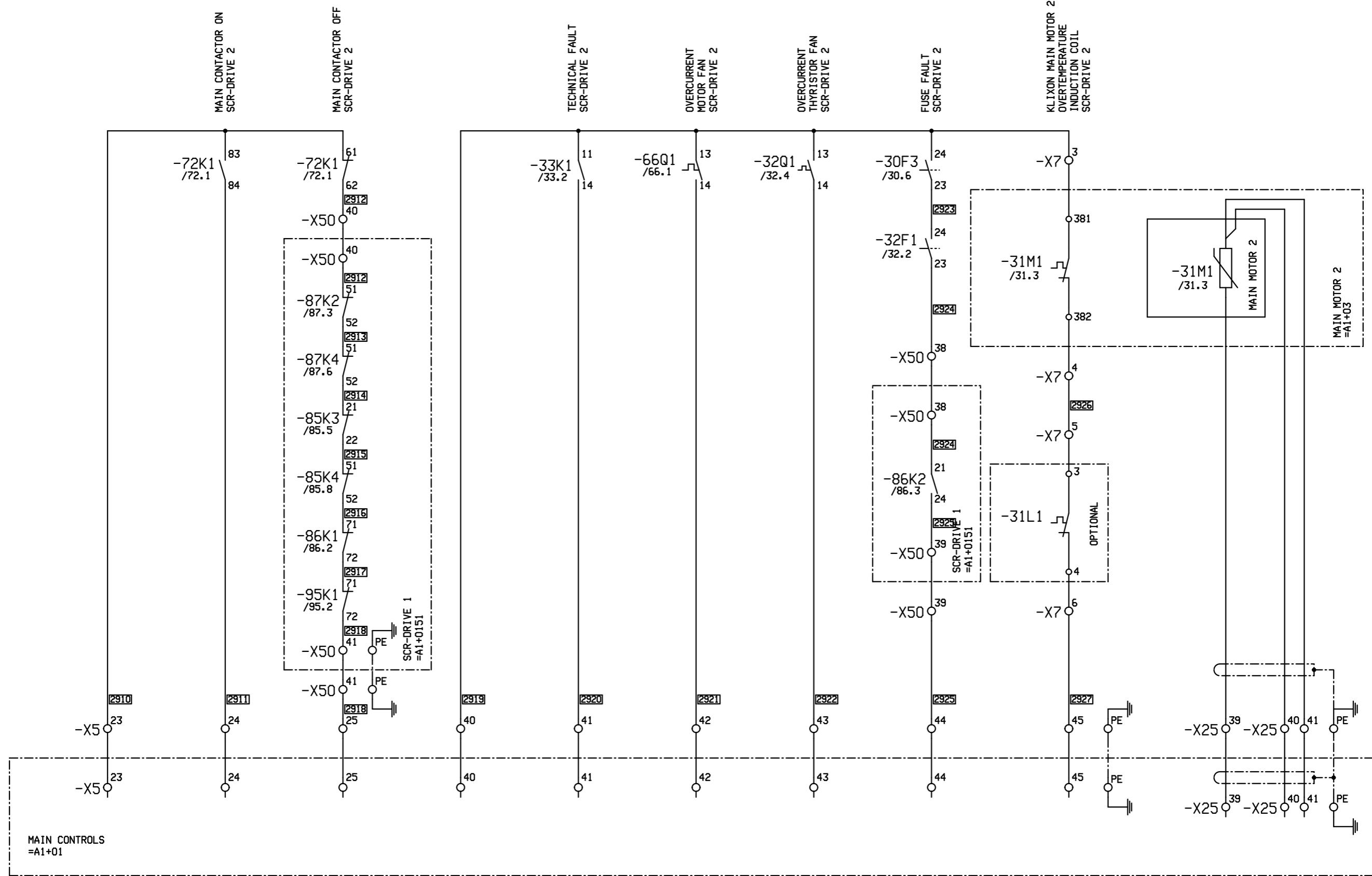
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Revision	2.0	Drawn by	MaM	8-MGD WAA00 DANAN
Date	09.02.09	Dr.ch.by	Fhs	
File: STWAA1583				



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CONNECTIONS TO MAIN CONTROLS SCR-DRIVE 2

DRIVE STATION

LV-CONTROL SCR-UNIT

Rev.ind.	2.0	=	=A1+0152
Date	09.02.09	+	
Drawn by	Sst	Sheet :	102
Dr.ch.bu	Fhs	Cont.sheet:	08LA