

<b>Terminal diagram .....</b>	<b>1MRK 001 452-AA</b>
<b>Default configuration.....</b>	<b>1MRK 001 697-19</b>

## DECISION TABLE FOR SHEETS INCLUDED DEPENDING ON CHOSEN OPTIONS

SELECTED TYPE (X)	TYPE OF TERMINAL	SHEETS INCLUDED
	REx 5xx 1/2x19"	2, 5-7
	REx 5xx 3/4x19"	3, 5-7
	REx 5xx 1/1x19"	4, 5-7
	REx 5xx + TEST SWITCH MODULE RTXP 24 INTERNAL EARTHING ( ONLY 1/2x19" AND 3/4x19" )	8, 10
	REx 5xx + TEST SWITCH MODULE RTXP 24 EXTERNAL EARTHING ( ONLY 1/2x19" AND 3/4x19" )	8, 11
	TRANSFORMER INPUT MODULE + A/D-CONVERSION MODULE + SIGNAL PROCESSING MODULE	9
	<b>NOTE!</b> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <p style="text-align: center;">OPTIONAL ADDITION OF I/O MODULES</p> <ul style="list-style-type: none"> <li>- MAX 3 (1/2x19"), 8 (3/4x19"), 13 (1/1x19") OF MODULES ( BIM, BOM, IOM, MIM, AND DCM )</li> <li>- OF THE ADDITIONAL MODULES MAX 1 (1/2x19"), 3 (3/4x19"), 6 (1/1x19") MAY BE MIM</li> <li>- OF THE ADDITIONAL MODULES MAX 1 MAY BE DCM IN POS. S19 (1/2x19"), S29 (3/4x19"), S36 (1/1x19")</li> </ul> </div>	
IOM/PSM	BINARY IN/OUT ON POWER SUPPLY MODULE	12
IOM	BINARY IN/OUT MODULE	13
BIM	BINARY IN 16 MODULE	14
BOM	BINARY OUT MODULE	15
MIM	mA INPUT MODULE	16
DCM	DIGITAL COMMUNICATION MODULE	17

ELCAD ID PS/rex5xx

DATE 1998-08-11 15:45

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		Prepared 97-05-15 T EINARSSON / A RYDH	TERMINAL DIAGRAM PROTECTION AND CONTROL TERMINAL REx 5xx		
		Approved 98-03-26 P JENÅKER			
Rev Ind	Revision	Reg No 7433	<b>ABB</b> ABB Network Partner AB	Resp dep PS	Rev Ind 2 98-08-11
Based on	Pcl 891 150			Lang en	Sheet 1
				Cont 2	

1

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3

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6

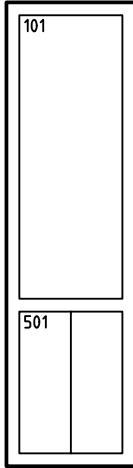
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REx 5xx 1/2x19"

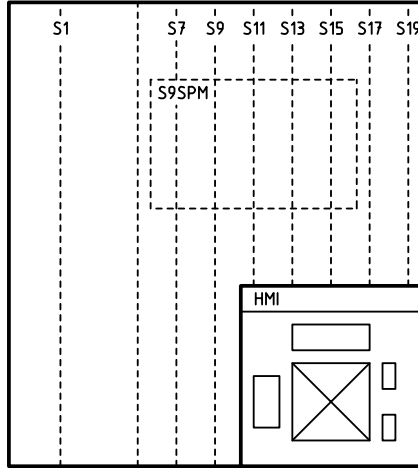
1/2x19" (241,3 mm)

FRONT VIEW



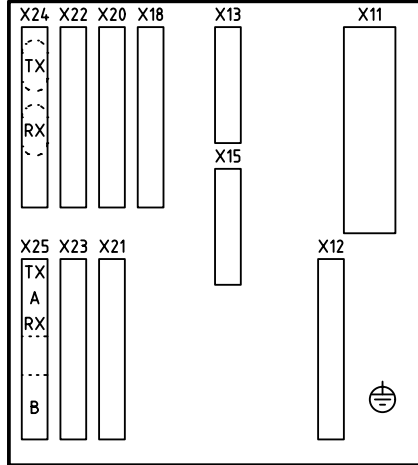
101 RTXP 24

501 DC-SWITCH



6U (266,7 mm)

REAR VIEW



DESIGNATION CORRESPONDING TO CASING		
1/2x19"		
MODULE	FRONT	REAR
TRM	S1	X11,12
ADM	S7	-
MPM	S9	X13,15
PSM	S13	X18
1)	S15	X20,21
1)	S17	X22,23
2)	S19	X24,25

TABLE 1

1) BIM, BOM, IOM AND/OR MIM

2) BIM, BOM, IOM, MIM OR DCM

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DATE 1998-08-11 15:45

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Approved 98-03-26 P JENÄKER

TERMINAL DIAGRAM  
PROTECTION AND CONTROL TERMINAL  
REx 5xx 1/2x 19"

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Resp dep PS Rev Ind 2 98-08-11

Lang en

Sheet 2  
Cont 3

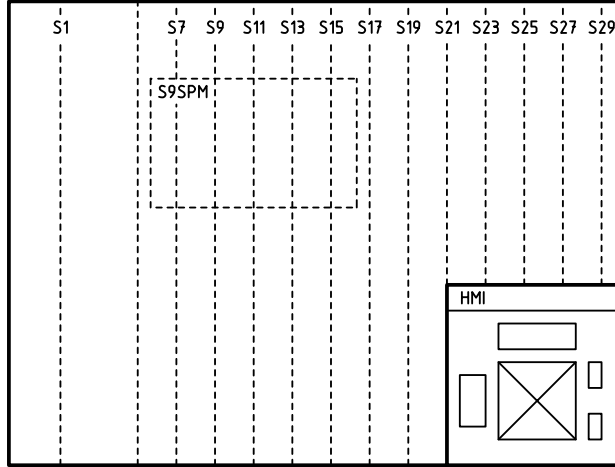
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REx 5xx 3/4x19"

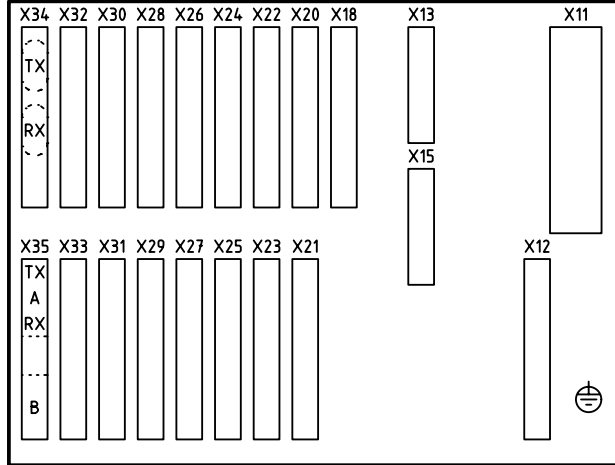
3/4x19" (362 mm)

FRONT VIEW



6U (266,7 mm)

REAR VIEW



DESIGNATION CORRESPONDING TO CASING		
3/4x19"		
MODULE	FRONT	REAR
TRM	S1	X11,12
ADM	S7	-
MPM	S9	X13,15
PSM	S13	X18
1)	S15	X20,21
1)	S17	X22,23
1)	S19	X24,25
1)	S21	X26,27
1)	S23	X28,29
1)	S25	X30,31
1)	S27	X32,33
2)	S29	X34,35

TABLE 2

- 1) BIM, BOM, IOM AND/OR MIM  
2) BIM, BOM, IOM, MIM OR DCM

ELCAD ID PS/rex5xx

DATE 1998-08-11 15:45

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Approved 98-03-26 P JENÄKER

TERMINAL DIAGRAM  
PROTECTION AND CONTROL TERMINAL  
REx 5xx 3/4x19"

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Sheet 3  
Cont 4

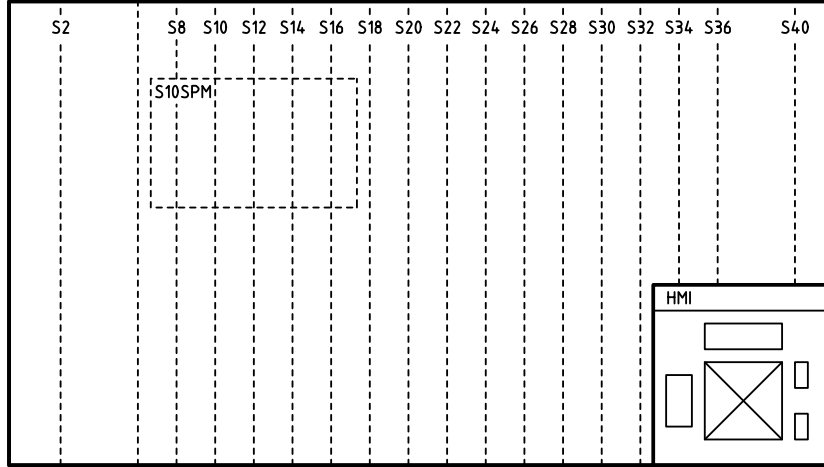
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REx 5xx 1/1x19"

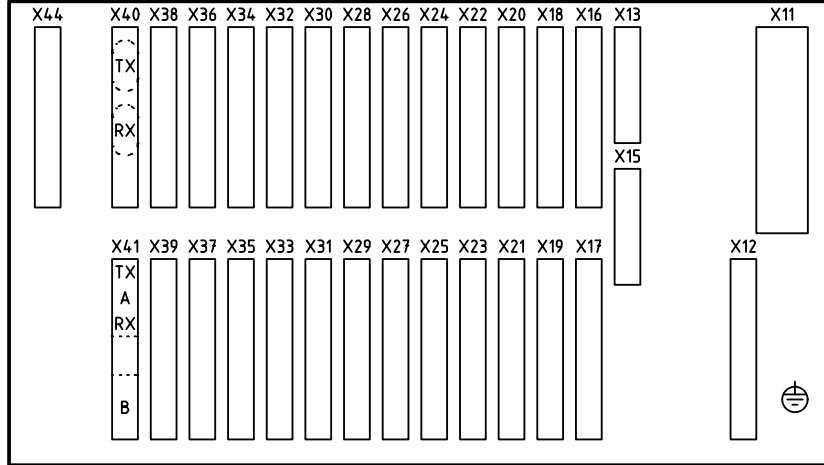
19" (482,6 mm)

FRONT VIEW



6U (266,7 mm)

REAR VIEW



DESIGNATION CORRESPONDING TO CASING		
1/1x19"		
MODULE	FRONT	REAR
TRM	S2	X11,12
ADM	S8	-
MPM	S10	X13,15
1)	S12	X16,17
1)	S14	X18,19
1)	S16	X20,21
1)	S18	X22,23
1)	S20	X24,25
1)	S22	X26,27
1)	S24	X28,29
1)	S26	X30,31
1)	S28	X32,33
1)	S30	X34,35
1)	S32	X36,37
1)	S34	X38,39
2)	S36	X40,41
PSM	S40	X44

TABLE 3

- 1) BIM, BOM, IOM AND/OR MIM  
2) BIM, BOM, IOM, MIM OR DCM

ELCAD ID PS/rex5xx

DATE 1998-08-11 15:45

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Approved 98-03-26 P JENÄKER

TERMINAL DIAGRAM  
PROTECTION AND CONTROL TERMINAL  
REx 5xx 1/1x19"

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1MRK 001452-AA

Lang en  
Sheet 4  
Cont 5

Rev Ind Revision Reg No 7433  
Based on Pcl 891 150

## HARDWARE AND DATA

CASING	TYPE OF CASING
TEST SWITCH	TEST SWITCH MODULE
MODULE	DESCRIPTION
TRM	TRANSFORMER INPUT MODULE SEE TABLE 4
ADM	A/D-CONVERSION MODULE
MPM	MAIN PROCESSING MODULE
SPM	SIGNAL PROCESSING MODULE
PSM	POWER SUPPLY MODULE ( AND BINARY I/O )
HMI	HUMAN MACHINE INTERFACE
BOM	BINARY OUT MODULE SEE TABLE 5 SHEET 6
BIM	BINARY IN 16 MODULE SEE TABLE 5 SHEET 6
MIM	mA INPUT MODULE MAX 1pc (1/2x19") 3pc (3/4x19") 6pc (1/1x19") SEE TABLE 5 SHEET 6
IOM	BINARY IN/OUT MODULE SEE TABLE 5 SHEET 6
DCM	DIGITAL COMMUNICATION MODULE
SCM	SERIAL COMMUNICATION MODULE

TYPE OF CASING		
1/2x19" 6U	3/4x19" 6U	1/1x19" 6U

TEST SWITCH MODULE	TYPE OF EARTHING	
RTXP 24	INTERNAL	EXTERNAL

POWER SUPPLY AND BINARY I/O				
AUXILIARY VOLTAGE, EL (DC)		AUXILIARY VOLTAGE, RL (DC)		
		RL24	RL48	RL110
48/60V / 110/125V / 220/250V		24/30V	48/60V	110/125V
				220/250V

COMMUNICATION MODULE							
TYPE OF COMMUNICATION							
V36C0	V36CONTRA	X21	RS530C0	RS530CONTRA	OPTICAL	SHORT RANGE GALVANIC	SHORT RANGE OPTICAL

SERIAL COMMUNICATION MODULE		
TYPE OF CONNECTORS	R:GLASS / T:GLASS	R:PLASTIC / T:PLASTIC
SPA / IEC 870-5-103		
LON		

TRANSFORMER INPUT MODULE			
RATED FREQUENCY, fr 50Hz / 60Hz			
NORMAL INPUTS			
CURRENT INPUT (A)		VOLTAGE INPUT (V)	
I 1-5		U 1-5	
NOMINAL CURRENT		NOMINAL VOLTAGE	
1	5	110/√3	220/√3

TABLE 4

ELCAD ID PS/rex5xx

DATE 1998-08-11 15:45

Prepared 97-05-15 T EINARSSON / A RYDH		TERMINAL DIAGRAM			
Approved 98-03-26 P JENÅKER		PROTECTION AND CONTROL TERMINAL			
		REx 5xx			
Rev Ind	Revision	Reg No 7433		Resp dep PS	Rev Ind 2 98-08-11
Based on	Pcl 891 150				Lang en
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				Sheet 5	
				Cont 6	

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## HARDWARE AND DATA

LOCATION			TERMINAL DESIGNATION		BINARY IN 16 MODULE				BINARY OUT MODULE	BINARY IN/OUT MODULE				mA INPUT MODULE	DIGITAL COMMUNICATION MODULE
					AUXILIARY VOLTAGE (DC)					AUXILIARY VOLTAGE (DC)					
					RL24	RL48	RL110	RL220		RL24	RL48	RL110	RL220		
1/2x19"	3/4x19"	1/1x19"	XA=	XB=	24/30V	48/60V	110/125V	220/250V		24/30V	48/60V	110/125V	220/250V		
-	-	S12	X16	X17											-
-	-	S14	X18	X19											-
S15	S15	S16	X20	X21											-
S17	S17	S18	X22	X23											-
S19	S19	S20	X24	X25											1)
-	S21	S22	X26	X27											-
-	S23	S24	X28	X29											-
-	S25	S26	X30	X31											-
-	S27	S28	X32	X33											-
-	S29	S30	X34	X35											1)
-	-	S32	X36	X37											-
-	-	S34	X38	X39											-
-	-	S36	X40	X41											1)

TABLE 5

1) POSSIBLE LOCATION ACCORDING TO SIZE OF CASING RESPECTIVELY

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TERMINAL DIAGRAM  
PROTECTION AND CONTROL TERMINAL  
REx 5xx

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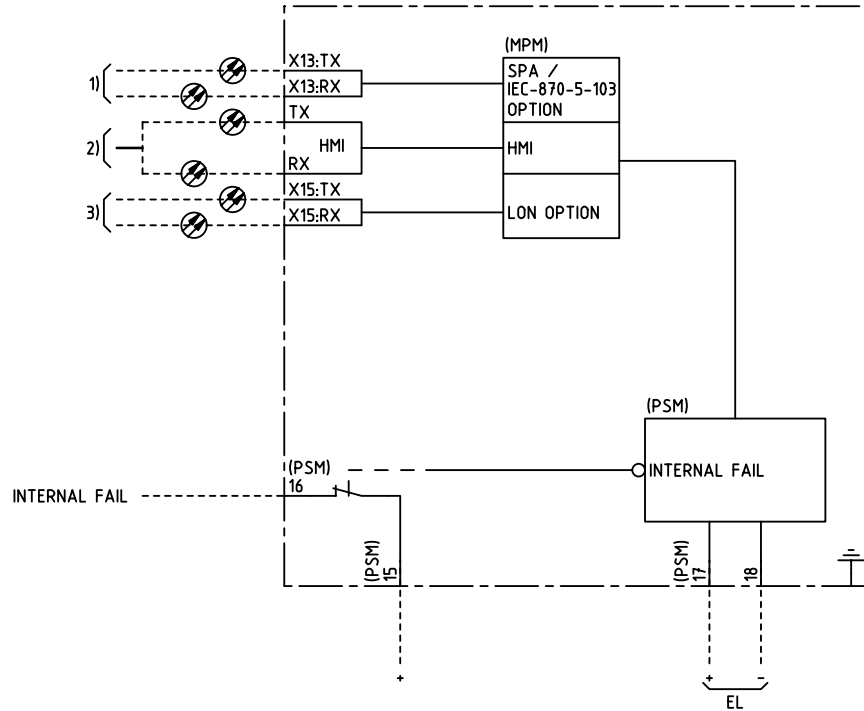
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Sheet 6  
Cont 7

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REx 5xx



MODULE	POSITIONS DESIGNATION		
	1/2x19"	3/4x19"	1/1x19"
MPM	S9	S9	S10
PSM	S13	S13	S40

- 1) COMMUNICATION PORT  
SPA / IEC 870-5-103
- 2) OPTICAL PORT FROM LOCAL HMI.  
CONNECTION MADE WITH A  
SPECIAL OPTICAL INTERFACE CABLE.
- 3) COMMUNICATION PORT LON

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DATE 1998-08-11 15:45

Prepared 97-05-15 T EINARSSON / A RYDH  
Approved 98-03-26 P JENÄKER

TERMINAL DIAGRAM  
PROTECTION AND CONTROL TERMINAL  
REx 5xx

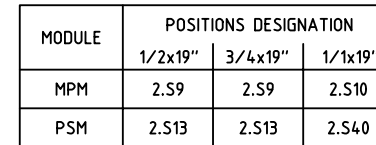
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				Sheet	7
				Cont	8

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Based on		Pcl	891 150



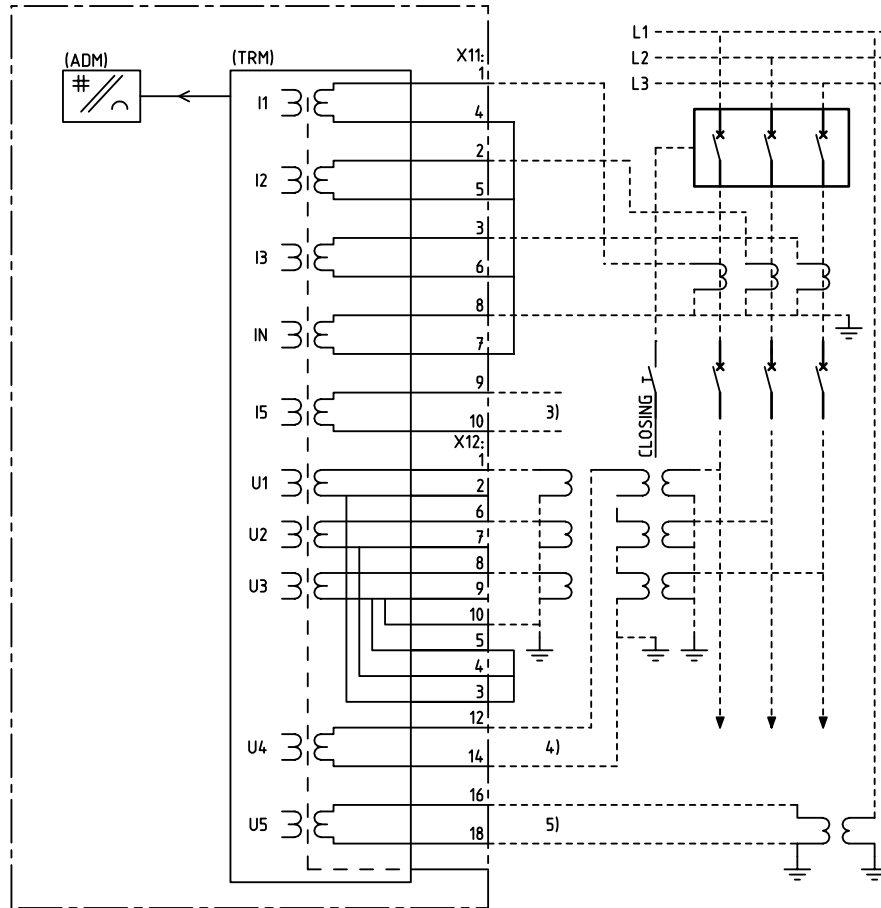
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- 1) COMMUNICATION PORT  
SPA / IEC 870-5-103
- 2) OPTICAL PORT FROM LOCAL HMI.  
CONNECTION MADE WITH A  
SPECIAL OPTICAL INTERFACE CABLE.
- 3) COMMUNICATION PORT LON

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# TRANSFORMER INPUT MODULE AND A/D-CONVERSION MODULE OPTION



MODULE	POSITIONS DESIGNATION		
	1/2x19"	3/4x19"	1/1x19"
TRM	S1	S1	S2
ADM	S7	S7	S8

3) RESERVED FOR PARALLEL LINE  
COMPENSATION OR CT SUPERVISION

4) RESERVED FOR DIRECTIONAL  
EARTH-FAULT FUNCTION

5) RESERVED FOR REF. VOLTAGE

ELCAD ID PS/rex5xx

DATE 1998-08-11 15:45

Prepared 97-05-15 T EINARSSON / A RYDH  
Approved 98-03-26 P JENÄKER

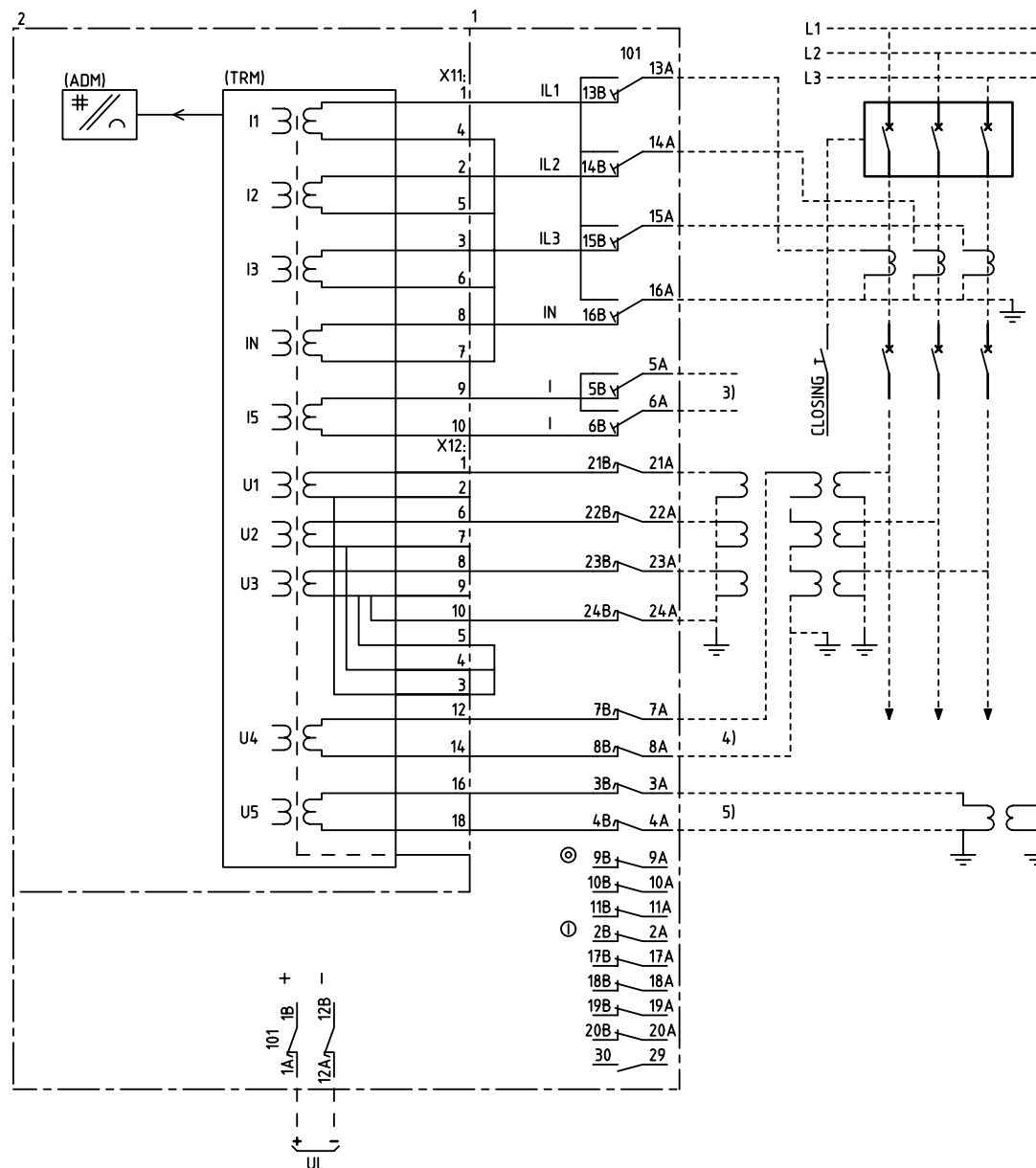
TERMINAL DIAGRAM  
PROTECTION AND CONTROL TERMINAL  
TRANSF. INPUT MODULE + A/D-CON. MODULE

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Resp dep	PS	Rev Ind	2 98-08-11	Lang	en
				Sheet	9
				Cont	10

**1MRK 001452-AA**

TRANSFORMER INPUT MODULE AND A/D-CONVERSION MODULE  
OPTION WITH RTXP 24  
INTERNAL EARTHING



MODULE	POSITIONS DESIGNATION		
	1/2x19"	3/4x19"	1/1x19"
TRM	2.S1	2.S1	2.S2
ADM	2.S7	2.S7	2.S8

NOTE ! MARKING CLIPS FOR REC 561 ACC. TO OH

DIVERGENT MARKING CLIPS FOR REX5xx							
TERMINAL	REL 501	REL 511	REL 521	REL 561	REL 551	REL 531	REL 551
3B	U	U	U	U	*)	U	U
4B	U	U	U	U	*)	U	U
7B	U	U	U	U	*)	U	U
8B	U	U	U	U	*)	U	U
10B	*)	⊙	⊙	⊙	⊙	⊙	⊙
11B	*)	⊙	⊙	⊙	*)	⊙	⊙
21B	UL1	UL1	UL1	UL1	*)	UL1	UL1
22B	UL2	UL2	UL2	UL2	*)	UL2	UL2
23B	UL3	UL3	UL3	UL3	*)	UL3	UL3
24B	UN	UN	UN	UN	*)	UN	UN

\*) UNMARKED

3) RESERVED FOR PARALLEL LINE  
COMPENSATION OR CT SUPERVISION

4) RESERVED FOR DIRECTIONAL  
EARTH-FAULT FUNCTION

5) RESERVED FOR REF. VOLTAGE

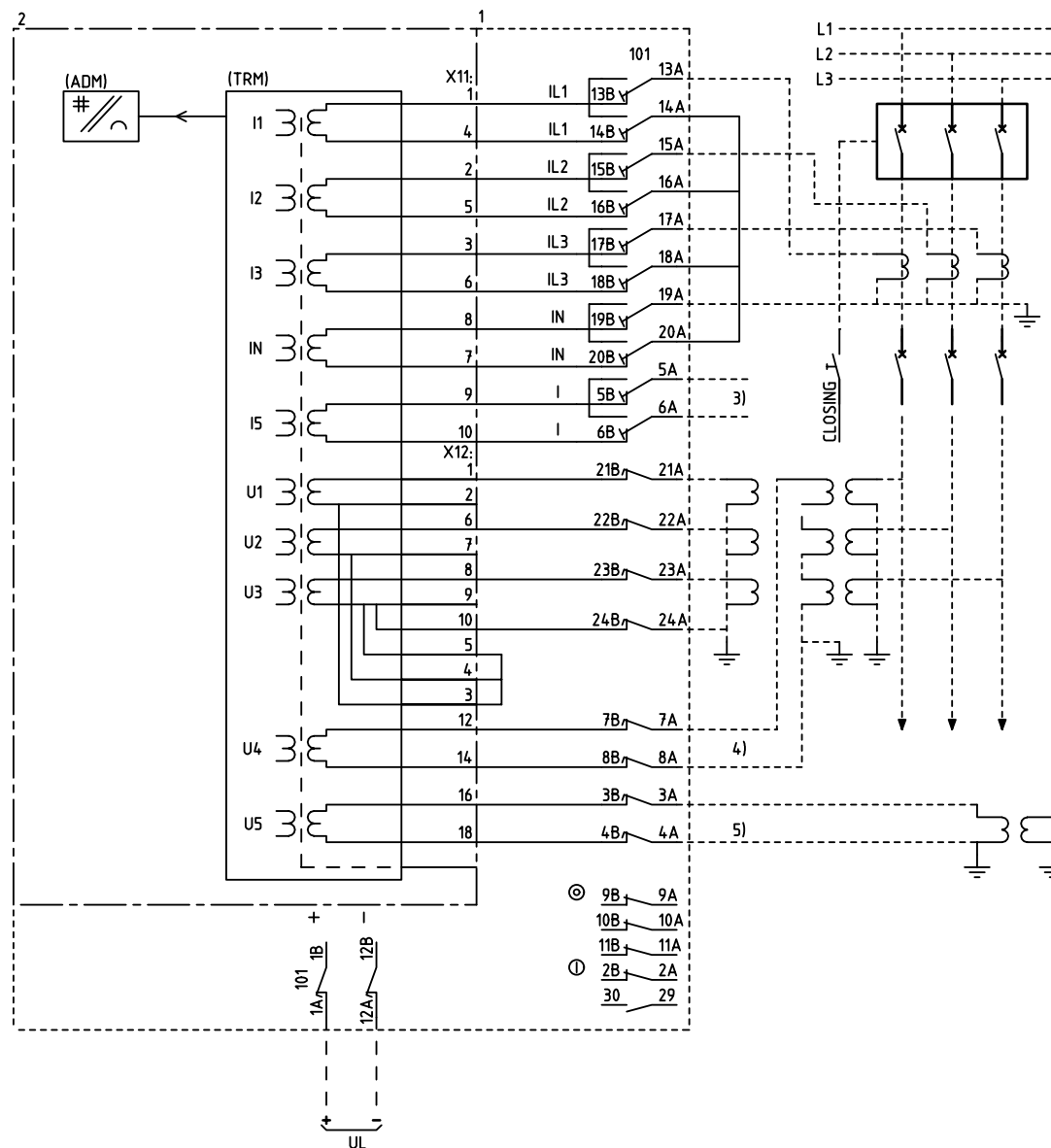
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Approved 98-03-26 P JENÅKER					1MRK 001452-AA		Sheet 10		Cont 11		
Rev ind Revision			Reg No 7433								
Based on			Pcl 891 150								

# TRANSFORMER INPUT MODULE AND A/D-CONVERSION MODULE OPTION WITH RTXP 24 EXTERNAL EARTHING



MODULE	POSITIONS DESIGNATION		
	1/2x19"	3/4x19"	1/1x19"
TRM	2.S1	2.S1	2.S2
ADM	2.S7	2.S7	2.S8

NOTE ! MARKING CLIPS FOR REC 561 ACC. TO OH

DIVERGENT MARKING CLIPS FOR REX5xx							
TERMINAL	REL 501	REL 511	REL 521	REL 561	REL 551	REL 531	REL 551
3B	U	U	U	U	*)	U	U
4B	U	U	U	U	*)	U	U
7B	U	U	U	U	*)	U	U
8B	U	U	U	U	*)	U	U
10B	*)	⊙	⊙	⊙	⊙	⊙	⊙
11B	*)	⊙	⊙	⊙	*)	⊙	⊙
21B	UL1	UL1	UL1	UL1	*)	UL1	UL1
22B	UL2	UL2	UL2	UL2	*)	UL2	UL2
23B	UL3	UL3	UL3	UL3	*)	UL3	UL3
24B	UN	UN	UN	UN	*)	UN	UN

\*) UNMARKED

3) RESERVED FOR PARALLEL LINE  
COMPENSATION OR CT SUPERVISION

4) RESERVED FOR DIRECTIONAL  
EARTH-FAULT FUNCTION

5) RESERVED FOR REF. VOLTAGE

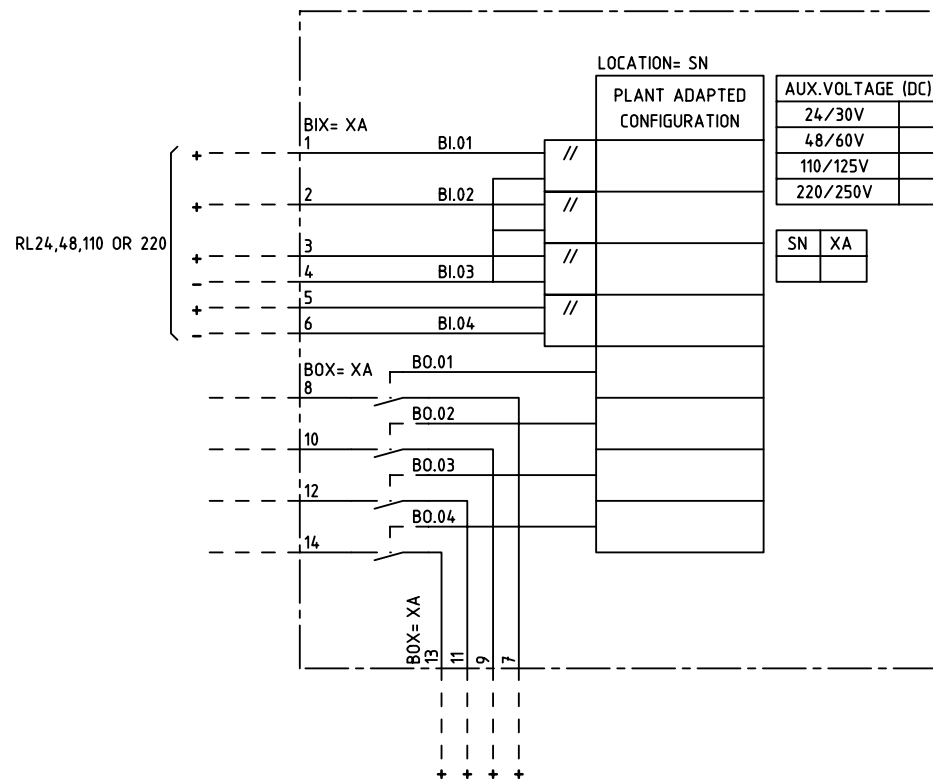
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Approved 98-03-26 P JENÅKER		ABB ABB Network Partner AB		1MRK 001452-AA		Sheet 11		Cont 12	
Rev Ind	Revision	Reg No 7433							
Based on	Pcl	891 150							

BINARY IN/OUT POWER SUPPLY MODULE  
OPTION



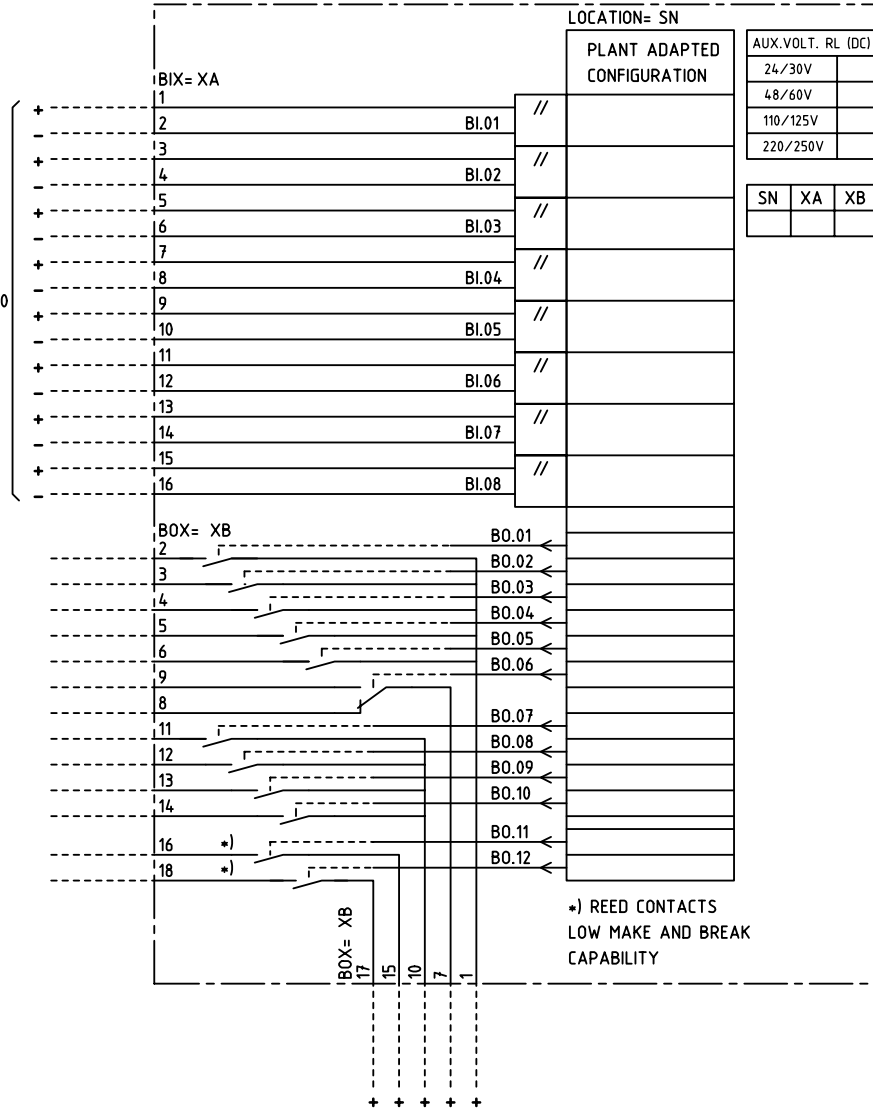
MODULE	POSITIONS DESIGNATION		
	1/2x19"	3/4x19"	1/1x19"
PSM	S13	S13	-

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## BINARY IN/OUT MODULE OPTION

RL24,48,110 OR 220



POSITIONS DESIGNATION		
1/2x19"	3/4x19"	1/1x19"
S15	S15	S12
S17	S17	S14
S19	S19	S16
-	S21	S18
-	S23	S20
-	S25	S22
-	S27	S24
-	S29	S26
-	-	S28
-	-	S30
-	-	S32
-	-	S34
-	-	S36

ELCAD ID PS/rex5xx

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Approved 98-03-26 P JENÄKER		ABB ABB Network Partner AB		1MRK 001452-AA	
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# BINARY IN 16 MODULE OPTION

RL24,48,110 OR 220

			LOCATION= SN	
			PLANT ADAPTED CONFIGURATION	
BIX=XA				
+	1		//	
-	2	Bl.01		
	3		//	
+	4	Bl.02		
-	5		//	
+	6	Bl.03		
-	7		//	
+	8	Bl.04		
-	9		//	
+	10	Bl.05		
-	11		//	
+	12	Bl.06		
-	13		//	
+	14	Bl.07		
-	15		//	
+	16	Bl.08		
BIX=XB				
+	1		//	
-	2	Bl.09		
	3		//	
+	4	Bl.10		
-	5		//	
+	6	Bl.11		
-	7		//	
+	8	Bl.12		
-	9		//	
+	10	Bl.13		
-	11		//	
+	12	Bl.14		
-	13		//	
+	14	Bl.15		
-	15		//	
+	16	Bl.16		

AUX.VOLT. RL (DC)	
24/30V	
48/60V	
110/125V	
220/250V	

SN	XA	XB

POSITIONS DESIGNATION		
1/2x19"	3/4x19"	1/1x19"
S15	S15	S12
S17	S17	S14
S19	S19	S16
-	S21	S18
-	S23	S20
-	S25	S22
-	S27	S24
-	S29	S26
-	-	S28
-	-	S30
-	-	S32
-	-	S34
-	-	S36

ELCAD ID PS/rex5xx

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TERMINAL DIAGRAM  
PROTECTION AND CONTROL TERMINAL  
BINARY IN 16 MODULE

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1MRK 001452-AA				Sheet	14
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**A**



**B**

**B**

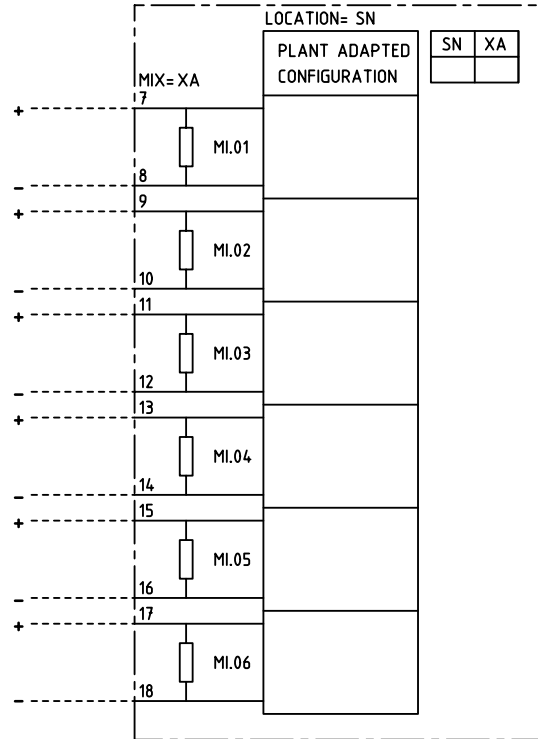
C

**D**



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# mA INPUT MODULE OPTION



POSITIONS DESIGNATION		
1/2x19"	3/4x19"	1/1x19"
MAX 1 PC	MAX 3 PC	MAX 6 PC
S15	S15	S12
S17	S17	S14
S19	S19	S16
-	S21	S18
-	S23	S20
-	S25	S22
-	S27	S24
-	S29	S26
-	-	S28
-	-	S30
-	-	S32
-	-	S34
-	-	S36

ELCAD ID PS/rex5xx

DATE 1998-08-11 15:45

Prepared 97-05-15 T EINARSSON / A RYDH  
Approved 98-03-26 P JENÅKER

TERMINAL DIAGRAM  
PROTECTION AND CONTROL TERMINAL  
mA INPUT MODULE

**ABB** ABB Network Partner AB

Resp dep PS Rev Ind 2 98-08-11

Lang en

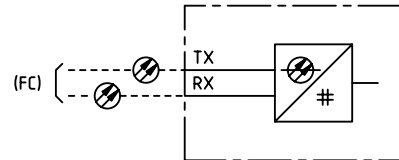
**1MRK 001452-AA**

Sheet 16  
Cont 17

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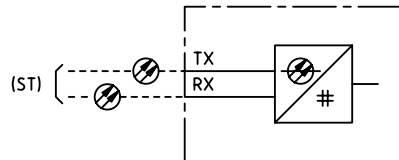
## DIGITAL COMMUNICATION MODULE OPTION

### OPTICAL COMMUNICATION MODULE



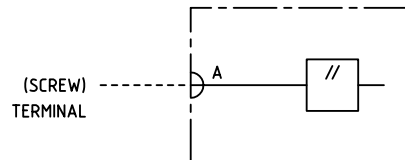
CASING	TERMINAL
1/2x19"	X24:TX, X24:RX
3/4x19"	X34:TX, X34:RX
1/1x19"	X40:TX, X40:RX

### SHORT RANGE OPTICAL COMMUNICATION MODULE



CASING	TERMINAL
1/2x19"	X25:TX, X25:RX
3/4x19"	X35:TX, X35:RX
1/1x19"	X41:TX, X41:RX

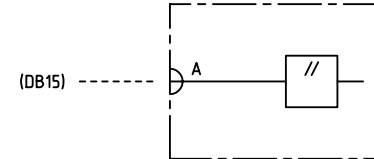
### SHORT RANGE GALVANIC COMMUNICATION MODULE



CASING	TERMINAL
1/2x19"	X25:A
3/4x19"	X35:A
1/1x19"	X41:A

PIN NO. FROM TOP	DESCRIPTION
1	R+ RECEIVER
2	R- RECEIVER
3	T+ TRANSMITTER
4	T- TRANSMITTER
5	SCREEN

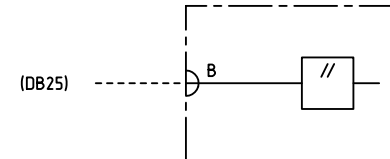
### GALVANIC COMMUNICATION MODULE X21



CASING	TERMINAL
1/2x19"	X25:B
3/4x19"	X35:B
1/1x19"	X41:B

PIN NO.	DESCRIPTION
1	SCREEN
2	TXD (A)
4	RXD (A)
6	RCLK (A)
8	GND
9	TXD (B)
11	RXD (B)
13	RCLK (B)

### GALVANIC COMMUNICATION MODULE V.36, RS 530



CASING	TERMINAL
1/2x19"	X25:A
3/4x19"	X35:A
1/1x19"	X41:A

PIN NO.	DESCRIPTION
1	SCREEN
2	TXD (A)
3	RXD (A)
4	REQ SEND (A)
7	GND
9	RCLK (B)
11	TCLK DTE (B)
12	TCLK DCE (B)
14	TXD (B)
15	TCLK DCE (A)
16	RXD (B)
17	RCLK (A)
19	REQ SEND (B) *)
20	DTE READY (A)
23	DTE READY (B) *)
24	TCLK DTE (A)

\*) NOT FOR V.36

ELCAD ID PS/rex5xx

DATE 1998-08-11 15:46

Issued in ARCADE

			Prepared 97-05-15	T EINARSSON / A RYDH	TERMINAL DIAGRAM PROTECTION AND CONTROL TERMINAL DIGITAL COMMUNICATION MODULE				
			Approved 98-03-26	P JENÅKER		Resp dep PS	Rev Ind 2 98-08-11	Lang en	
Rev Ind	Revision	Reg No 7433				ABB ABB Network Partner AB	1MRK 001452-AA		Sheet 17
Based on		Pcl 891 150					Cont		

# DEFAULT CONFIGURATION

## REB 551


### Description

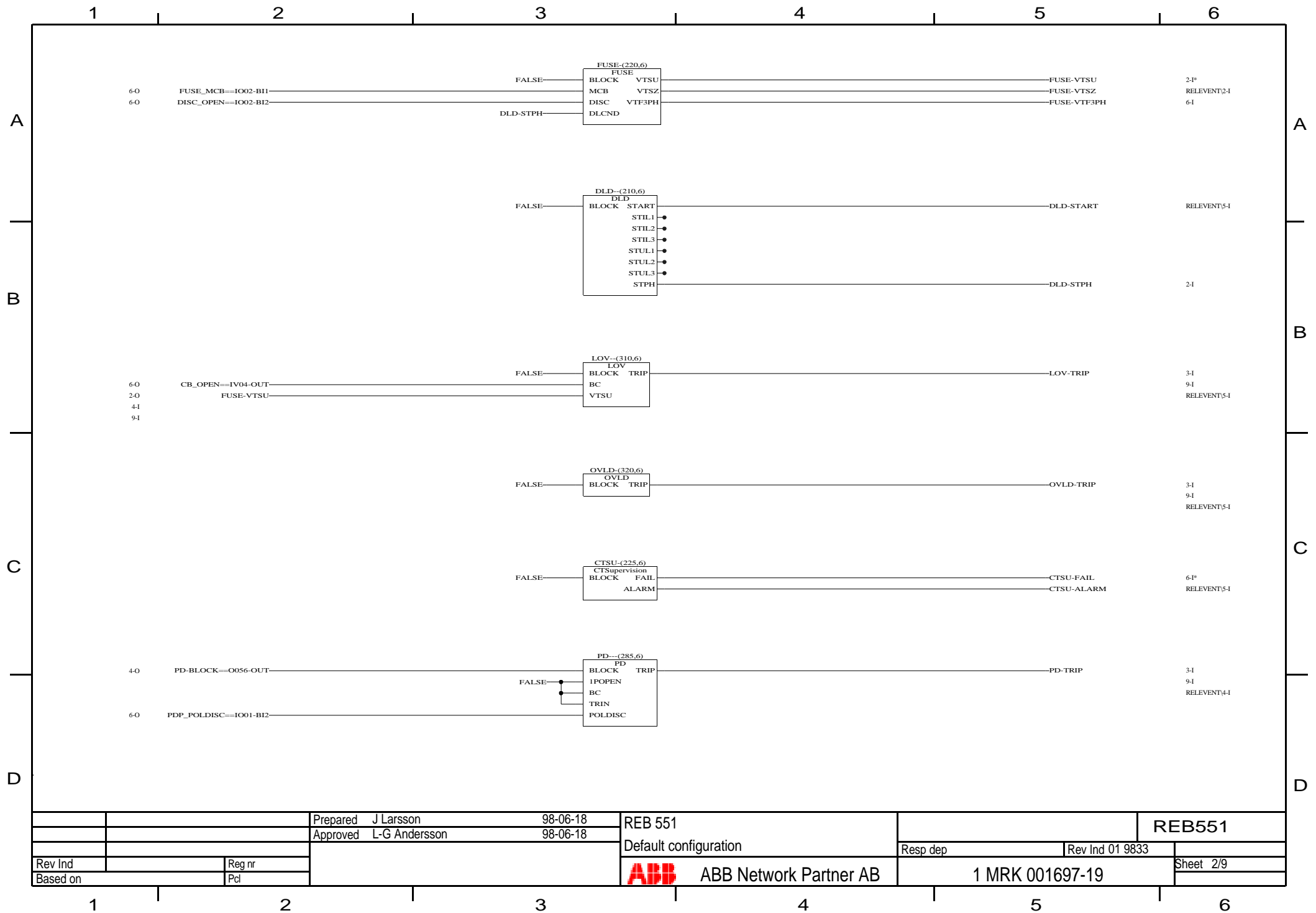
List of content  
Voltage and supervision functions  
Trip logic  
Auto-reclosing and Breaker-failure functions  
Internal signals  
Binary inputs and outputs  
Disturbance report  
Events for SCS

### Sheet

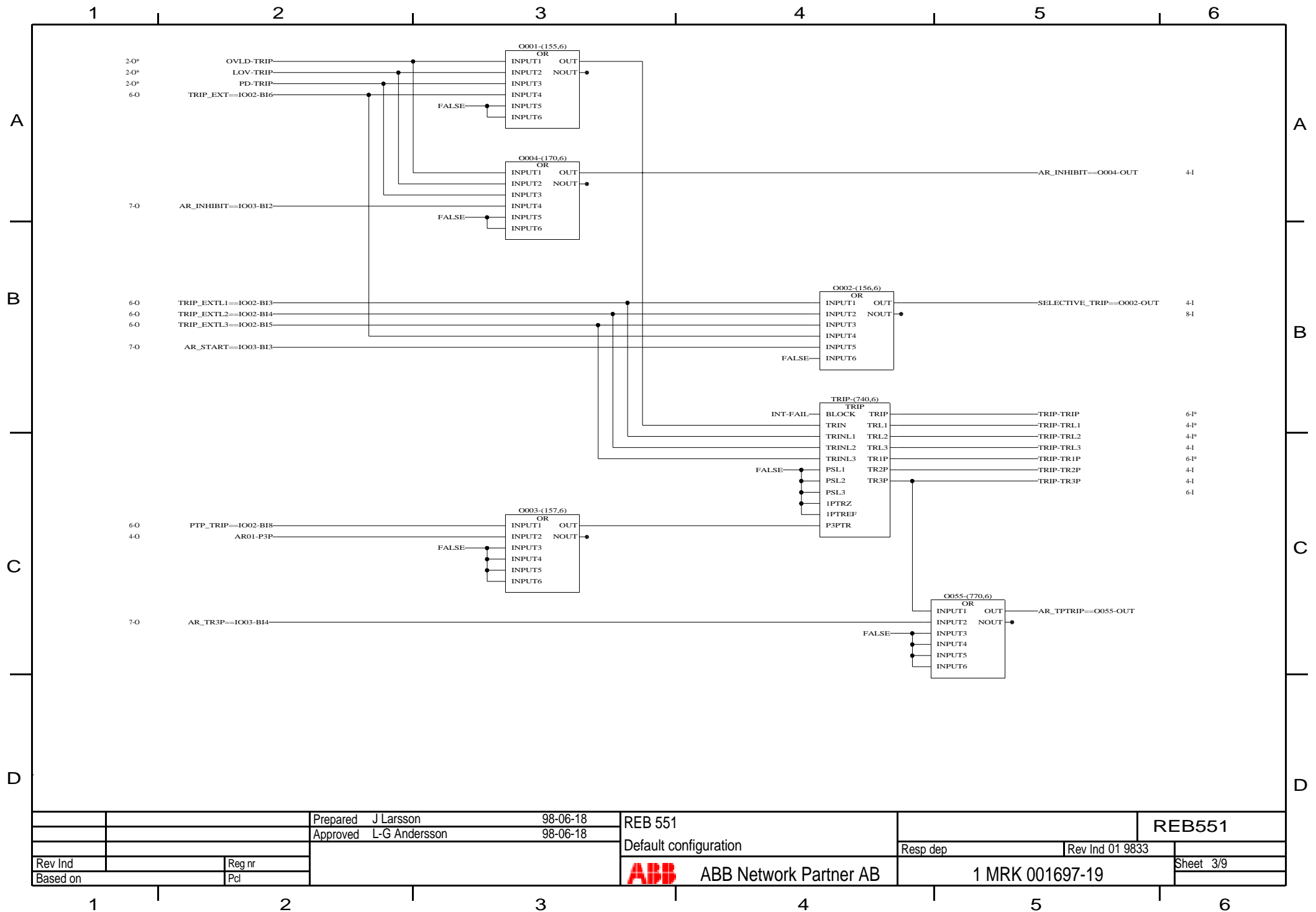
1  
2  
3  
4  
5  
6 - 7  
8 - 9  
10 - 21

01 980811/LF Standard -> Default  
Rev Date/sign Comment

		Prepared J Larsson	98-06-18	REB 551		REB551	
		Approved L-G Andersson	98-06-18	Default configuration		Resp dep	Rev Ind 01 9833
Rev Ind		Reg nr		 ABB Network Partner AB		1 MRK 001697-19	
Based on		Pcl				Sheet 1/9	

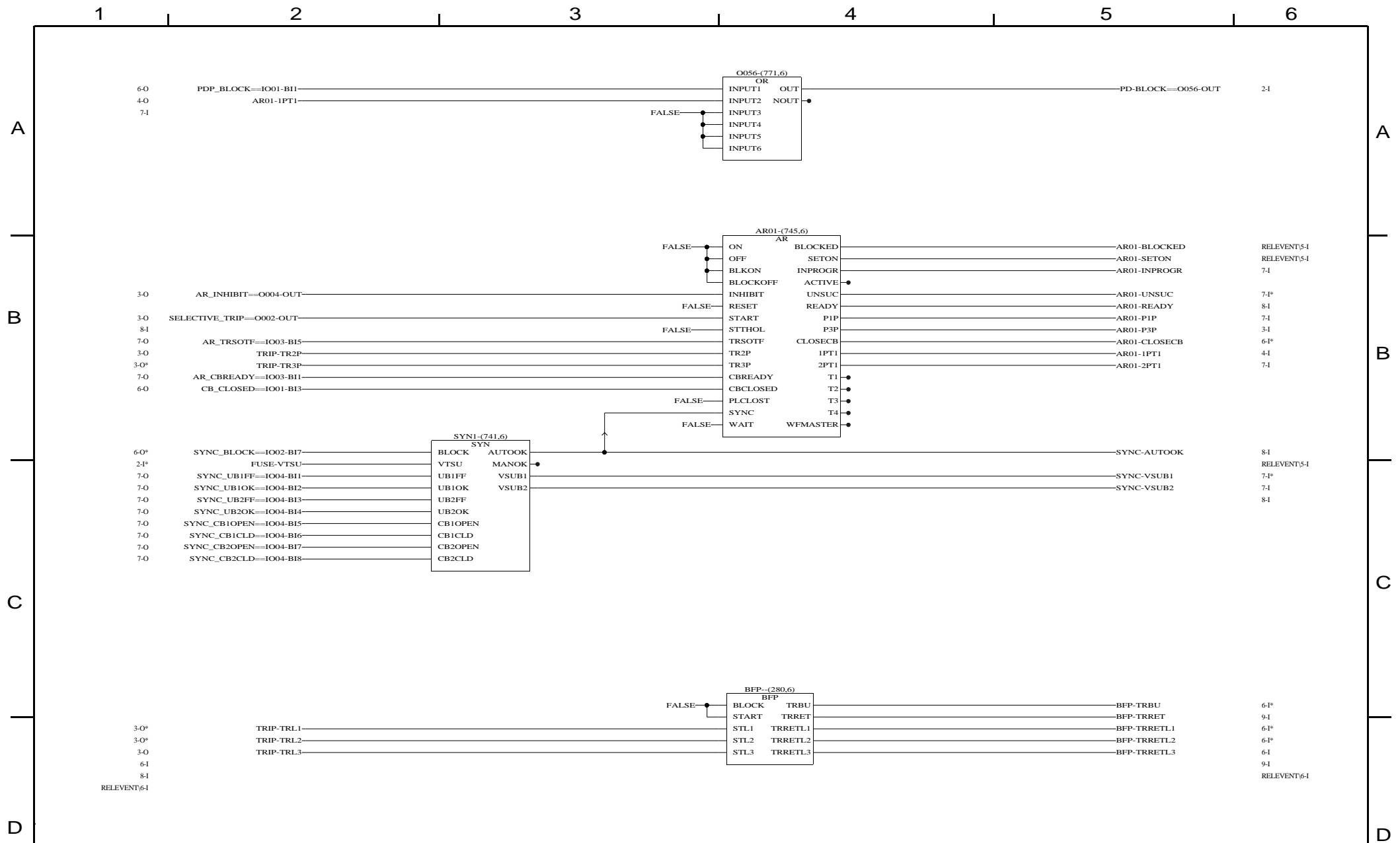







Prepared J Larsson		98-06-18	REB 551		REB551	
Approved L-G Andersson		98-06-18	Default configuration		Resp dep	
Rev Ind	Reg nr	Based on		1 MRK 001697-19		Rev Ind 01 9833
Based on		Pcl	ABB Network Partner AB		Sheet 3/9	

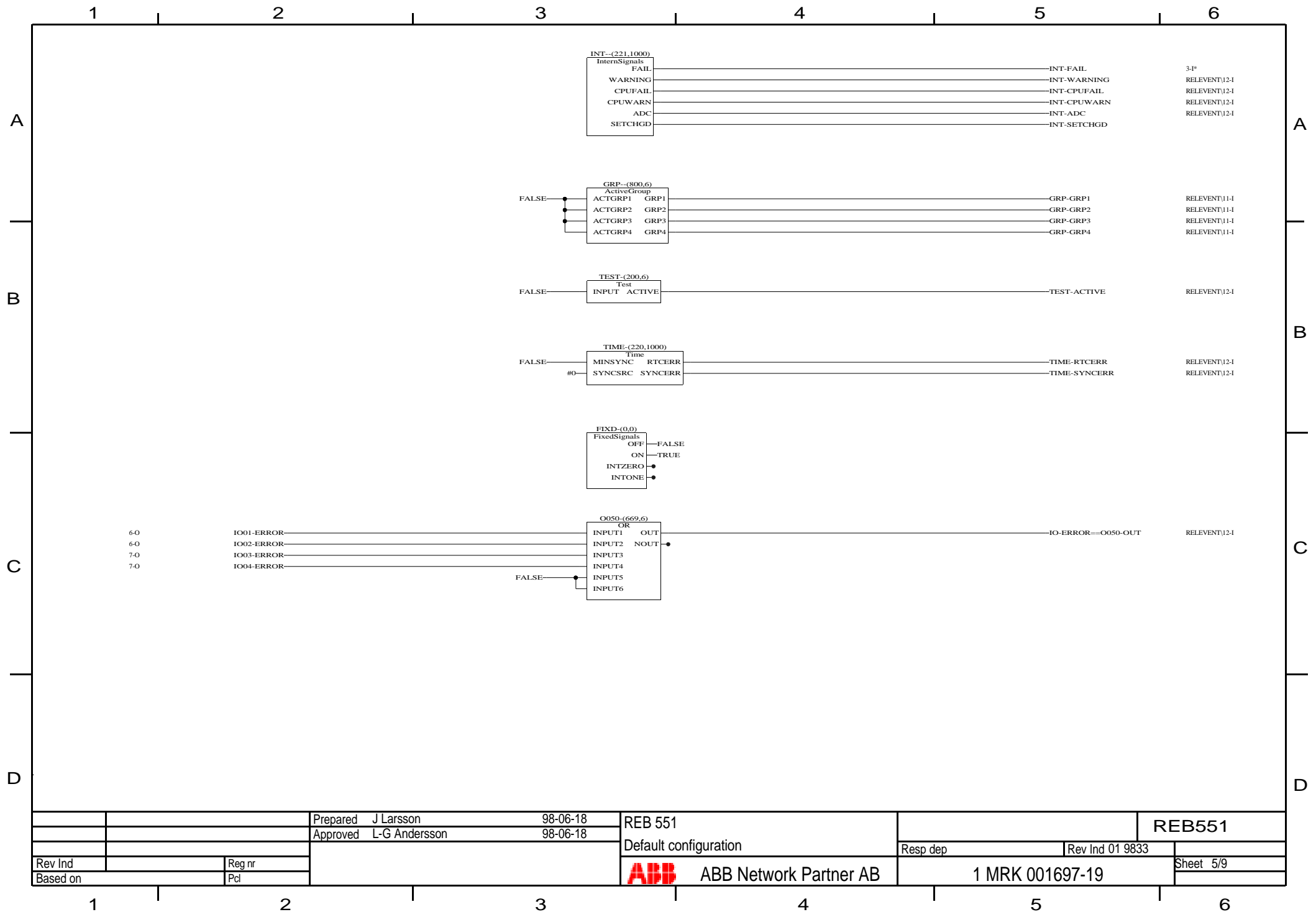
	1	2	3	4	5	6
A	INT-FAIL	REB551\5-O				
	LOV-TRIP	RELEVENT\12-I				
	OVLD-TRIP	REB551\9-I				
	PD-TRIP	RELEVENT\5-I				
	TRIP-TRIP	REB551\9-I				
	TRIP-TRL1	RELEVENT\5-I				
	TRIP-TRL2	REB551\9-I				
	TRIP-TRL3	RELEVENT\4-I				
		REB551\8-I				
		RELEVENT\6-I				
		REB551\6-I				
		REB551\8-I				
		RELEVENT\6-I				
		REB551\6-I				
		REB551\8-I				
		RELEVENT\6-I				
		REB551\8-I				
		RELEVENT\6-I				
B						



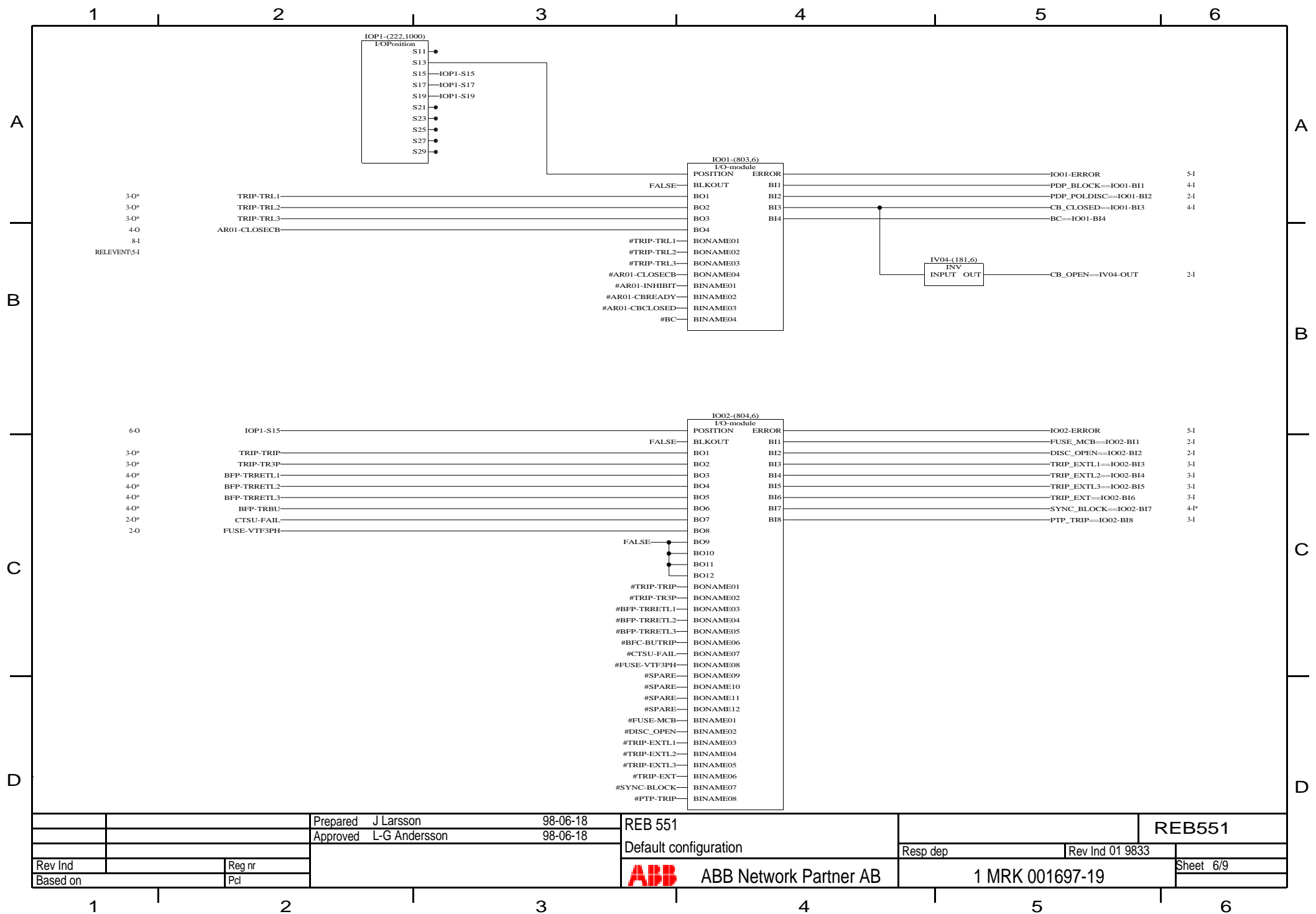
Prepared J Larsson		98-06-18	REB 551		REB551	
Approved L-G Andersson		98-06-18	Default configuration		Resp dep	
Rev Ind	Reg nr	1 MRK 001697-19		Rev Ind 01 9833		Sheet 4/9
Based on	Pcl	ABB Network Partner AB				



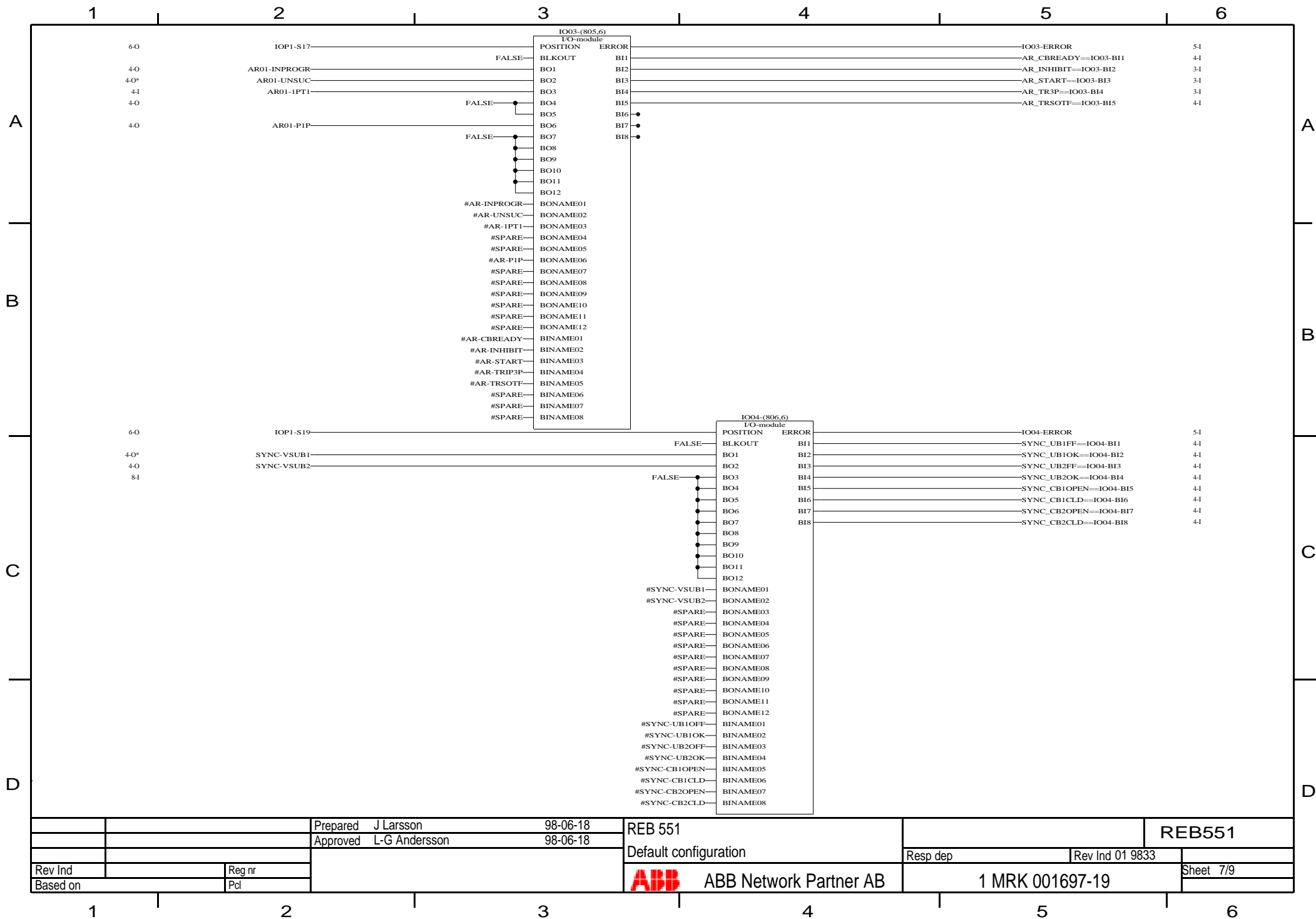
A	AR01-CLOSECB	REB551\8-I				
	AR01-UNSUC	RELEVENT\5-I				
	BFP-TRBU	RELEVENT\5-I				
	BFP-TRRETL1	REB551\9-I				
	BFP-TRRETL2	RELEVENT\6-I				
	FUSE-VTSU	REB551\9-I				
	SYNC-VSUB1	REB551\2-O				
	SYNC_BLOCK==IO02-BI7	REB551\9-I				
	TRIP-TR3P	REB551\8-I				
	TRIP-TRL1	REB551\8-I				
B	TRIP-TRL2	REB551\6-I				
		REB551\6-I				
		REB551\8-I				
		RELEVENT\6-I				
		REB551\6-I				
		REB551\8-I				
		RELEVENT\6-I				
		REB551\6-I				
		REB551\8-I				
		RELEVENT\6-I				
C						
D						
		Prepared J Larsson 98-06-18	REB 551		REB551	
		Approved L-G Andersson 98-06-18				Default configuration
Rev Ind		Reg nr	 ABB Network Partner AB	1 MRK 001697-19	Sheet 4a/9	
Based on		Pcl				



	1	2	3	4	5	6
INT-FAIL	RELEVENT\12-I					
A						A
B						B
C						C
D						D
		Prepared	J Larsson	98-06-18	REB 551	
		Approved	L-G Andersson	98-06-18		REB551
				Default configuration	Resp dep	Rev Ind 01 9833
Rev Ind		Reg nr				Sheet 5a/9
Based on		Pcl		<b>ABB</b> ABB Network Partner AB	1 MRK 001697-19	
	1	2	3	4	5	6



A	BFP-TRBU	REB551\9-I	B								
	BFP-TRRETL1	RELEVENT\6-I									
	BFP-TRRETL2	REB551\9-I									
	BFP-TRRETL3	RELEVENT\6-I									
	CTSU-FAIL	RELEVENT\6-I									
	IOP1-S17	RELEVENT\5-I									
	IOP1-S19	REB551\7-I									
	SYNC_BLOCK==IO02-B17	REB551\7-I									
	TRIP-TR3P	REB551\8-I									
	TRIP-TRIP	REB551\4-I									
B	TRIP-TRL1	REB551\8-I	C								
		RELEVENT\6-I									
		REB551\4-I									
	TRIP-TRL2	REB551\8-I									
		RELEVENT\6-I									
	TRIP-TRL3	REB551\4-I									
		REB551\8-I									
		RELEVENT\6-I									
			D								
Rev Ind	Reg nr	Based on	Pol	Prepared J Larsson 98-06-18	Approved L-G Andersson 98-06-18	REB 551	Default configuration	Resp dep	Rev Ind 01 9833	REB551	Sheet 6a/9
ABB		ABB Network Partner AB		1 MRK 001697-19							



Prepared J Larsson 98-06-18

Approved L-G Andersson 98-06-18

REB 551

Default configuration

REB551

Resp dep

Rev Ind 01 9833

Rev Ind  
Based on

Reg nr  
Pcl

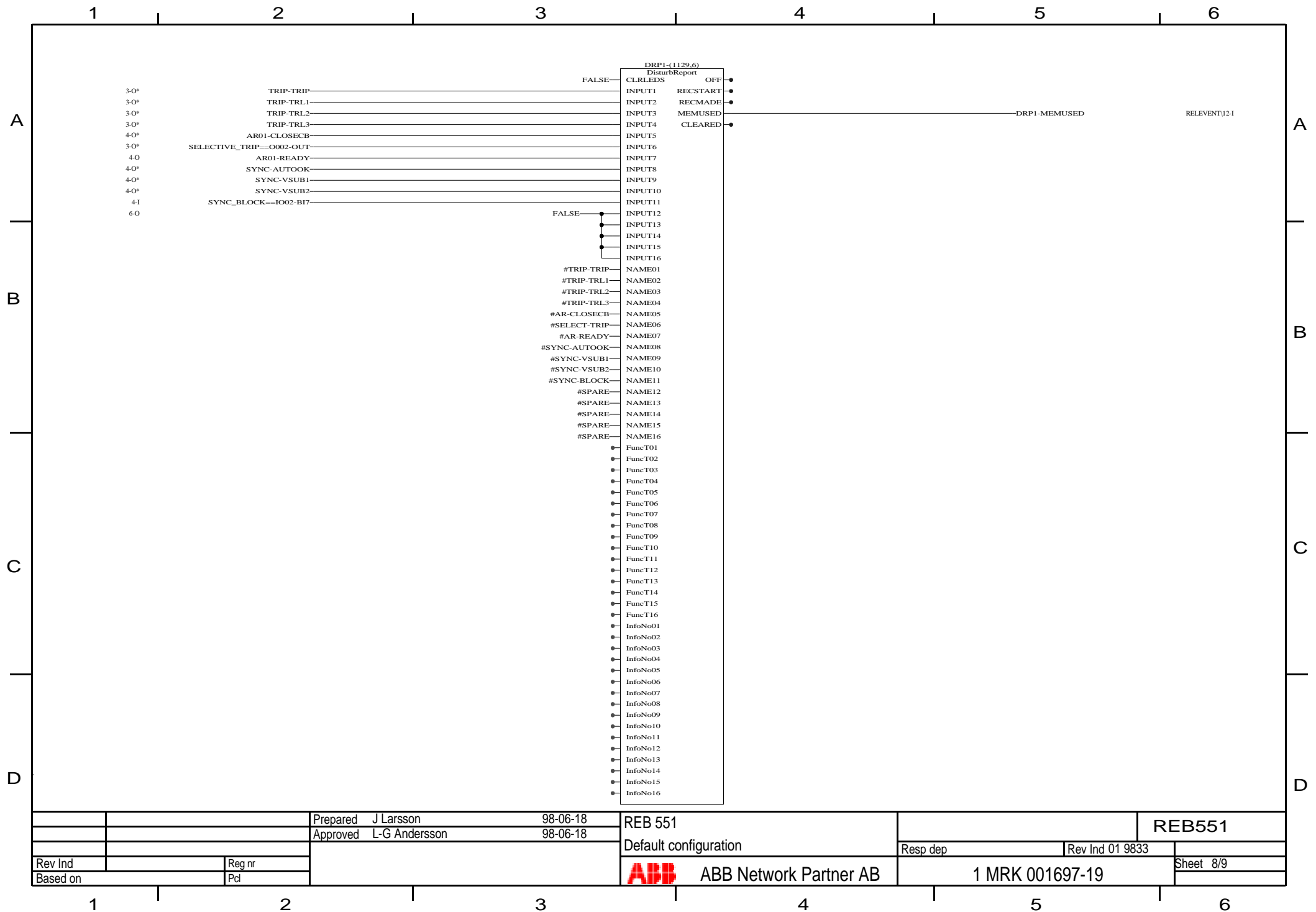


ABB Network Partner AB

1 MRK 001697-19

Sheet 7/9

	1	2	3	4	5	6
AR01-UNSUC SYNC-VSUB1	RELEVENT\5-1 REB551\8-1					
A						A
B						B
C						C
D						D
		Prepared J Larsson	98-06-18	REB 551		REB551
		Approved L-G Andersson	98-06-18			
				Default configuration	Resp dep	Rev Ind 01 9833
Rev Ind		Reg nr				Sheet 7a/9
Based on		Pcl		<b>ABB</b> ABB Network Partner AB	1 MRK 001697-19	
	1	2	3	4	5	6



Prepared J Larsson		98-06-18	REB 551		REB551	
Approved L-G Andersson		98-06-18	Default configuration		Resp dep	
Rev Ind	Reg nr		1 MRK 001697-19		Rev Ind 01 9833	
Based on	Pcl		ABB Network Partner AB		Sheet 8/9	



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