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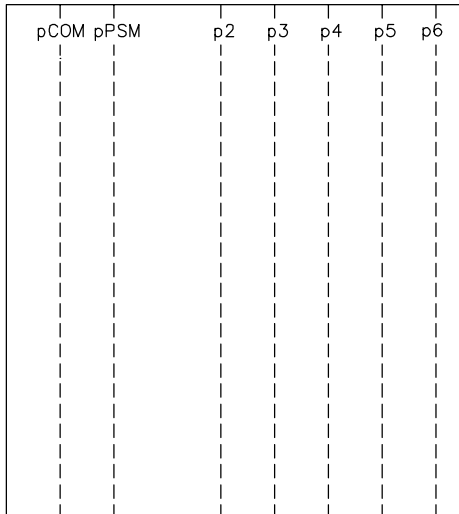
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Based on		Prepared 2010-05-12	Agneta Rydh	Title Connection Diagram		Doc.des.	Ref.des.	
		Approved 2011-12-08	Patrik Nyback	REC650 (3Ph/1CBAB) A02		Doc.kind		
		Project		IEC symbols		Resp.dept.	PSNX/TPLA	Rev.ind. B
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1/2x19"

Rear view slot



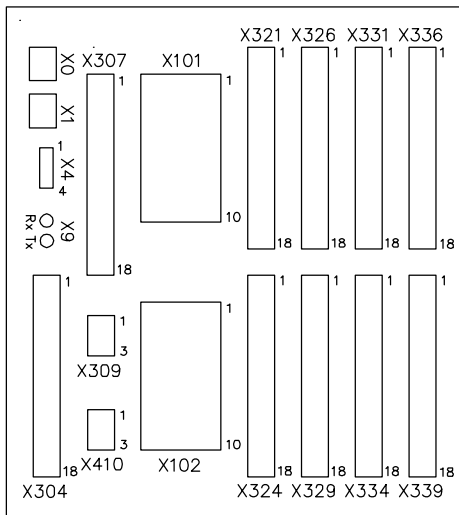
6U

Designation for 6U, 1/2x19" casing with 1 TRM

Module	Slot	Terminal
COM	pCOM	X0, X1, X4, X9, X304
PSM	pPSM	X307, X309, X410
TRM	p2	X101, X102
BIO	p3	X321, X324
BIO	p4	X326, X329
BIO	p5	X331, X334
BIO	p6	X336, X339

p= Position

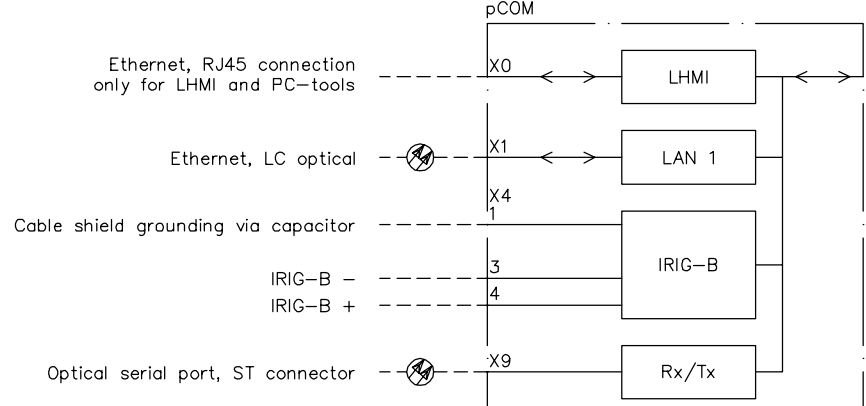
Rear view terminal



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Communication module (COM)



Observe polarity sequence of RL connectors

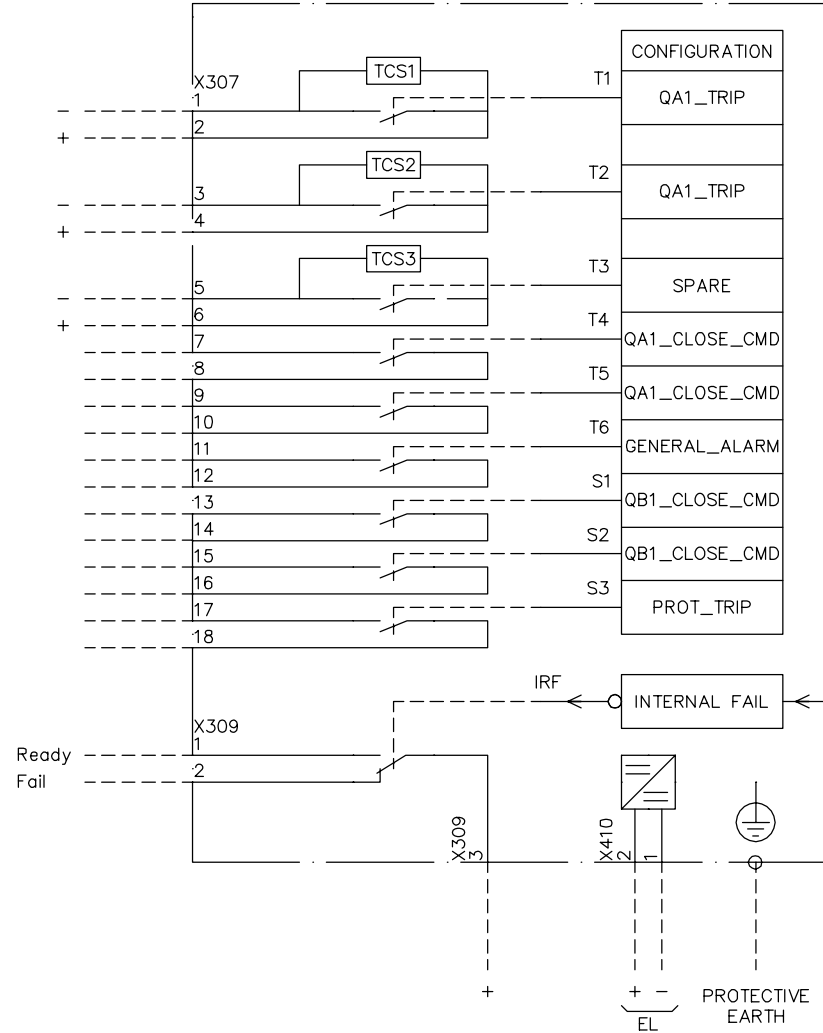
X304		CONFIGURATION
1	C1-4	
+ 2	BI01	// QA1_OPEN
+ 3	BI02	// QA1_CLOSE
+ 4	BI03	// QA1_SPR_CHRGD
+ 5	BI04	// QA1_SF6_LOW
+ 6	C5-8	
+ 7	BI05	// QB9_OPEN
+ 8	BI06	// QB9_CLOSED
+ 9	BI07	// QC9_OPEN
+ 10	BI08	// QC9_CLOSED
+ 11	C9-11	
+ 12	BI09	// BLOCK_CMD
+ 13	BI10	// SPARE
+ 14	BI11	// SPARE
+ 15	C12-14	
+ 16	BI12	// RESET_LOCKOUT
+ 17	BI13	// EXT_START_DR
+ 18	BI14	// ACTV_TESTMODE

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### Power supply module 48–125 VDC (PSM)

pPSM



Observe polarity sequence

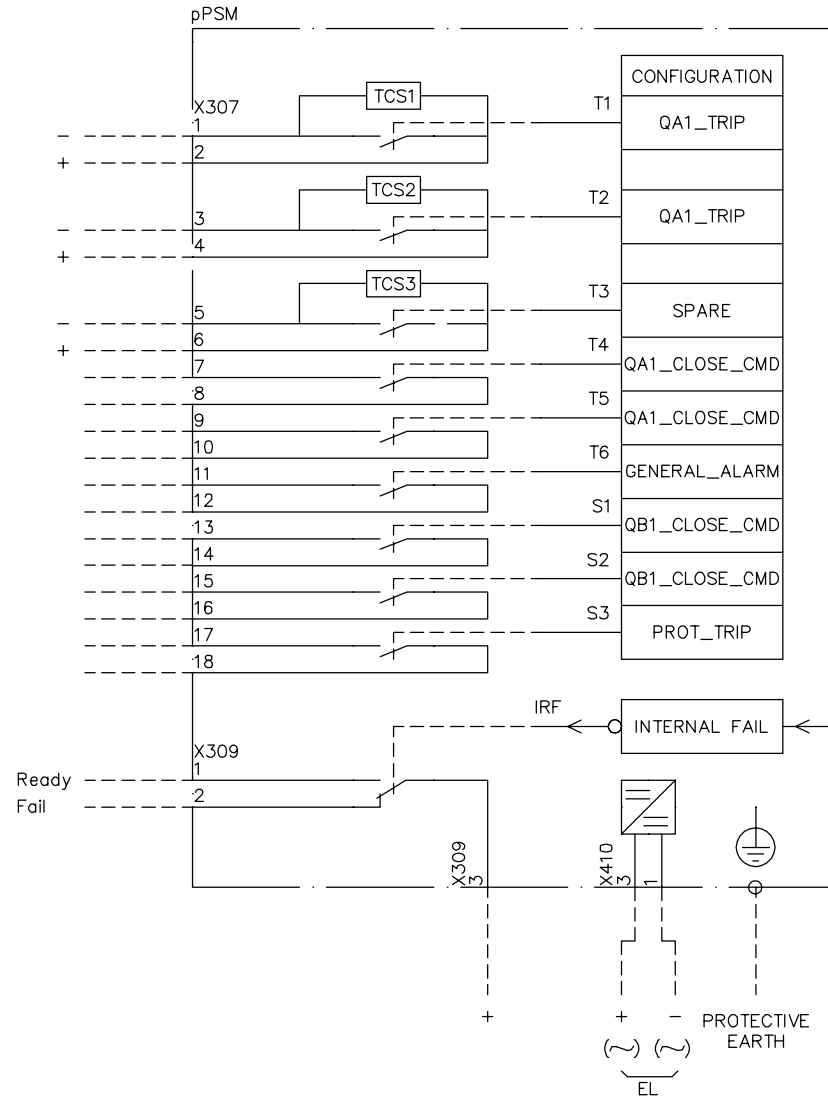
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		Approved 2011-12-08	Patrik Nyback	REC650 (3Ph/1CBAB) A02		Doc.kind		
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### Power supply module 110–250 VDC, 100–240 VAC (PSM)



Observe polarity sequence

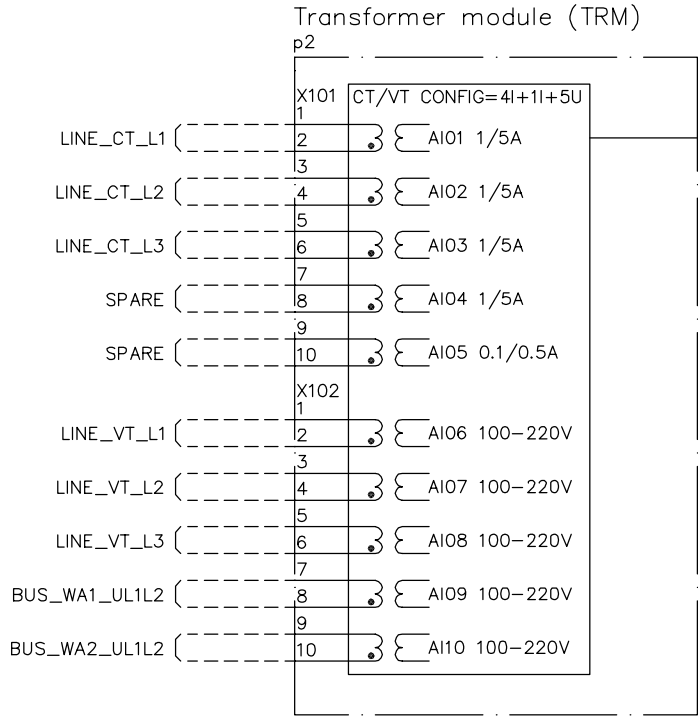


Based on		Prepared 2010-05-12		Agneta Rydh		Title Connection Diagram		Doc.des.		Ref.des.	
		Approved 2011-12-08		Patrik Nyback		REC650 (3Ph/1CBAB) A02		Doc.kind			
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ABB AB

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Compression or ringlug terminals

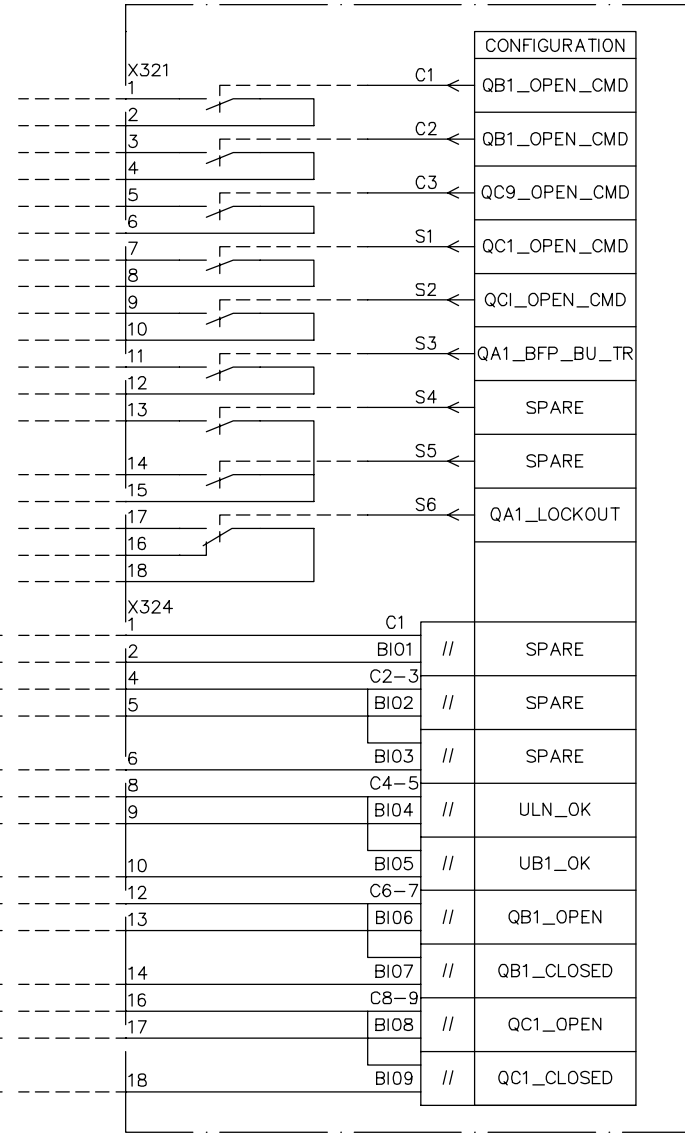
- Indicates high polarity. Note that internal polarity can be adjusted by setting of analog input CT neutral direction and or on SMAI pre-processing function blocks.

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### Binary input/output module (BIO)

p3



Observe polarity sequence of RL connectors

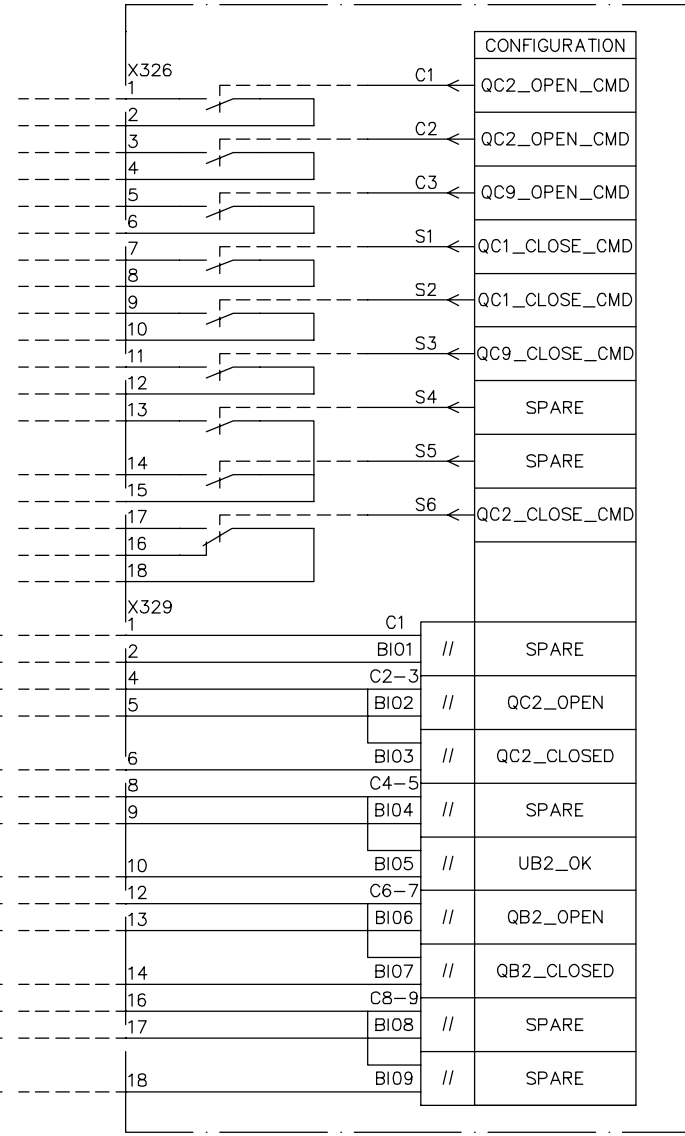
RL

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### Binary input/output module (BIO)

p4



Observe polarity sequence of RL connectors

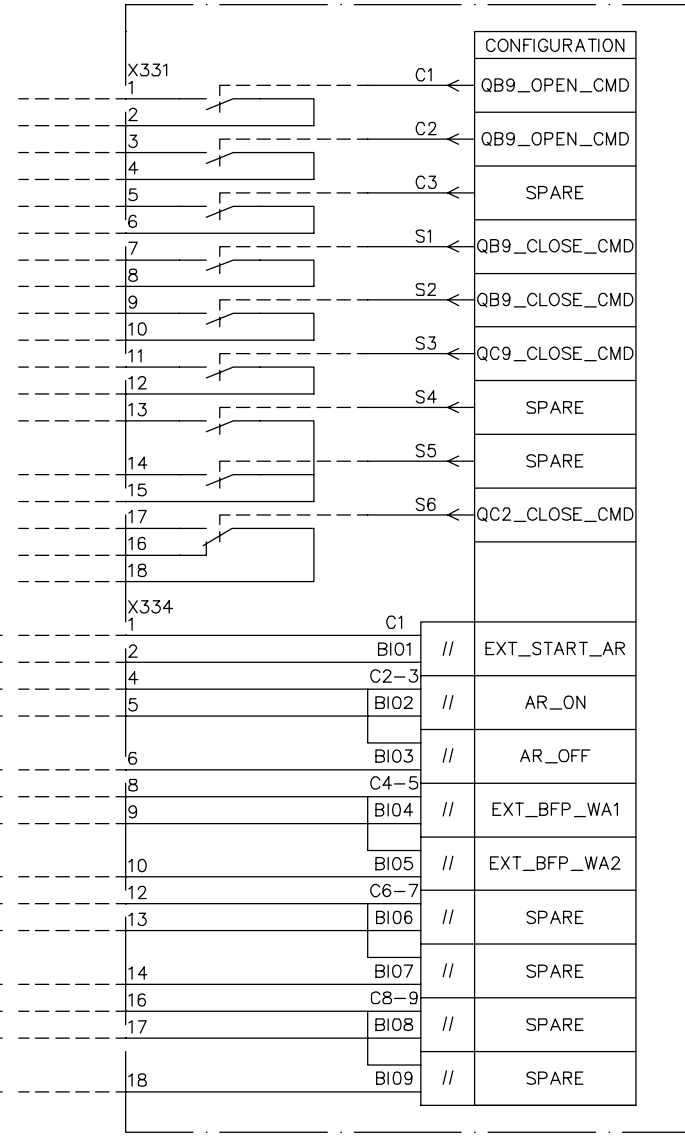
RL

Based on		Prepared 2010-05-12	Agneta Rydh	Title Connection Diagram		Doc.des.	Ref.des.	
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		Project		IEC symbols		Resp.dept.	PSNX/TPLA	Rev.ind. B
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### Binary input/output module (BIO)

p5



Observe polarity sequence of RL connectors

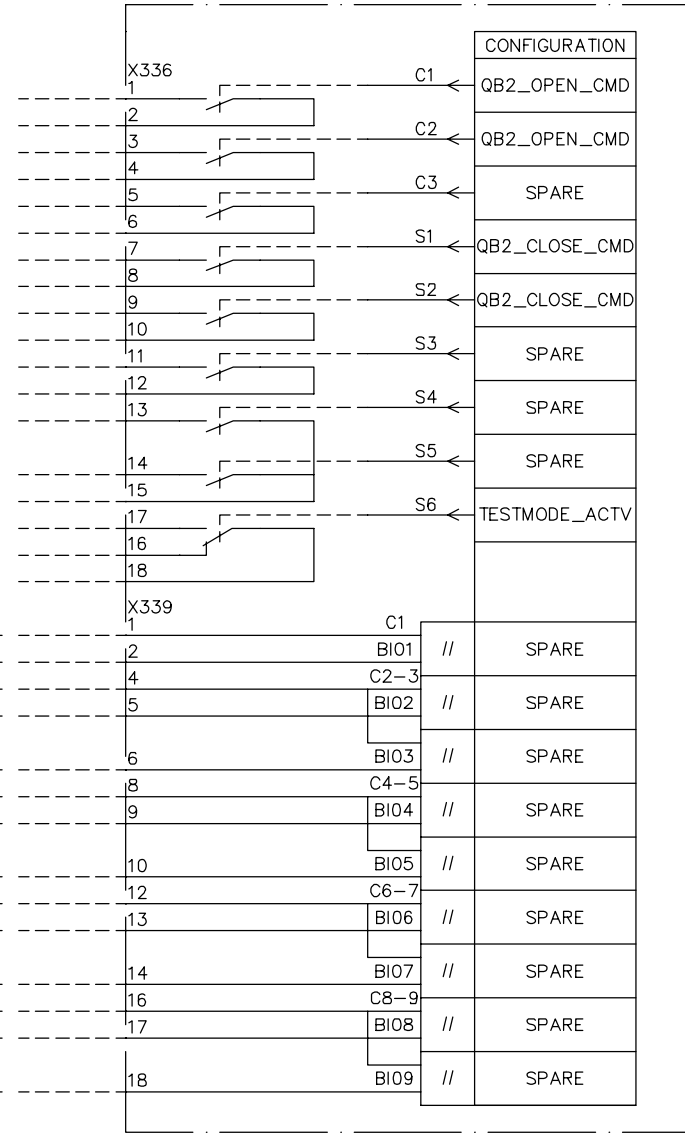
RL

Based on		Prepared 2010-05-12	Agneta Rydh	Title Connection Diagram		Doc.des.	Ref.des.	
		Approved 2011-12-08	Patrik Nyback	REC650 (3Ph/1CBAB) A02		Doc.kind		
		Project		IEC symbols		Resp.dept.	PSNX/TPLA	Rev.ind. B
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### Binary input/output module (BIO)

p6



Observe polarity sequence of RL connectors

RL

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								Lang. en
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