



Název projektu:

SUPERPOČÍTAČOVÉ CENTRUM IT4INNOVATIONS

Číslo zakázky:

Z03140

Zákazník:

VŠB - Technická univerzita Ostrava
17. listopadu 15/2172
708 33 Ostrava - Poruba

Místo stavby:

Národní superpočítačové centrum IT4I
Studentská 6231/1B
708 33 Ostrava - Poruba

Rok výstavby:

2014

Zodpovědný projektant:

Ing. Aleš Vyskočil

Datum zpracování:

říjen 2014

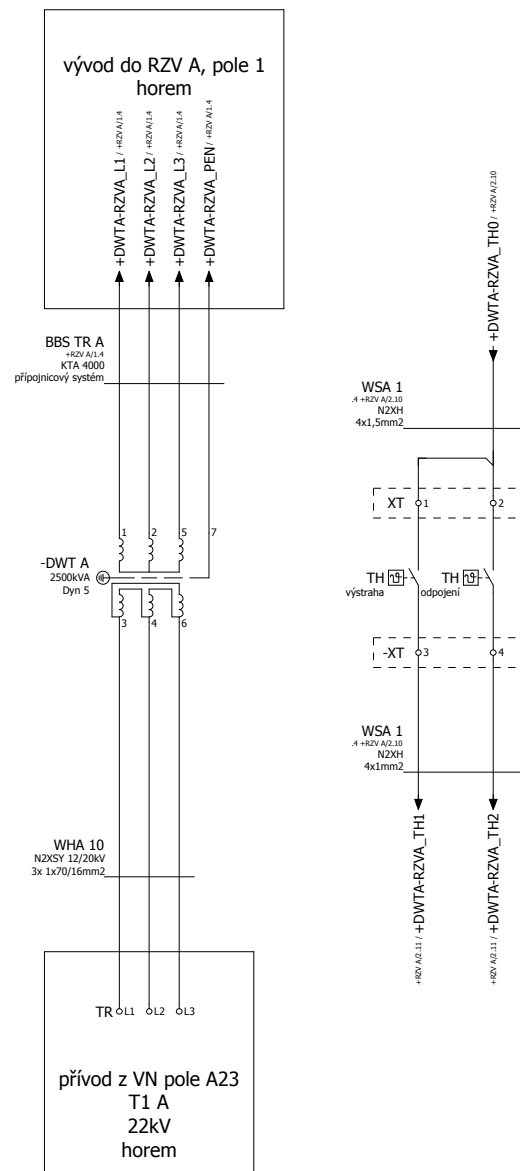
Datum poslední změny:

říjen 2014

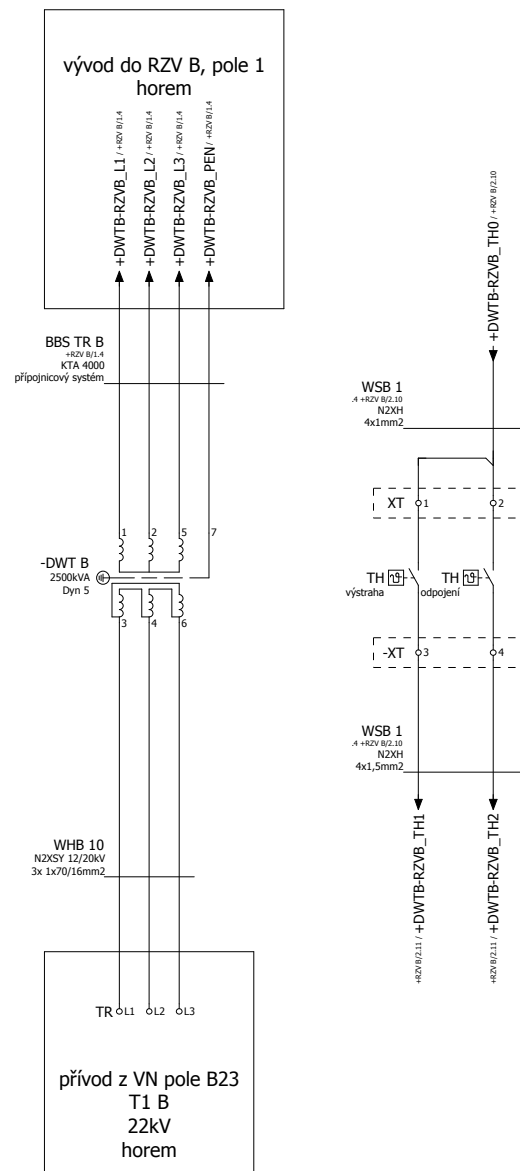
Formát projektu:

Počet stran:

195


$$= +/1$$

+DWT B/1



+DWT A/1

+RZV A/0

SUPERPOČÍTAČOVÉ CENTRUM
IT4INNOVATIONS

Kreslil: Ing. Aleš Vyskočil
Datum:

Kontroloval: Inq. Aleš Vyskočil

Schválil: Ing. Milan Egart

Národní superpočítačové centrum IT4I
Studentská 6231/1B
708 33 Ostrava - Poruba

PRONIX s.r.o.
Poděbradská 55/88
Praha 9 190 00

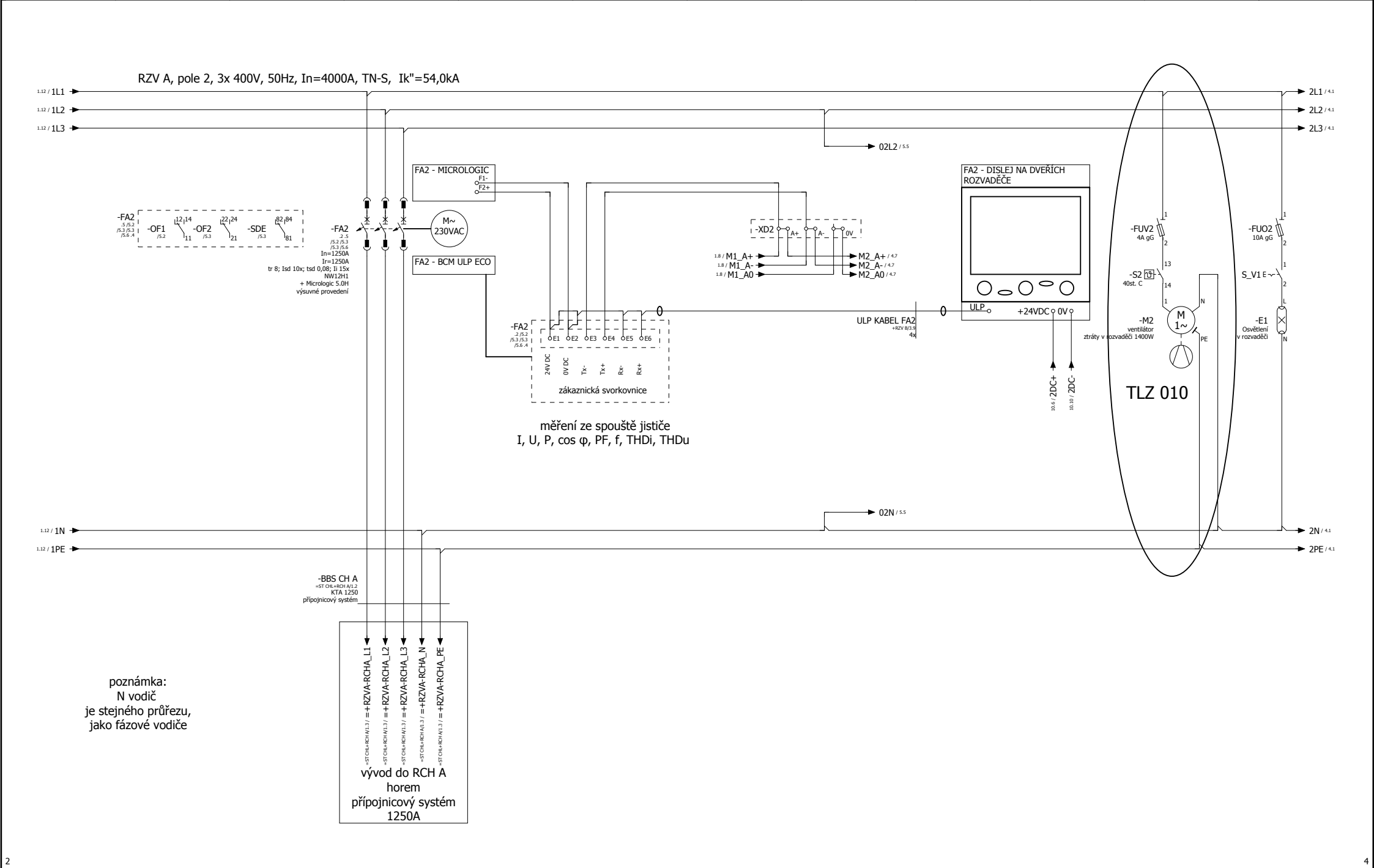
PRONIX®
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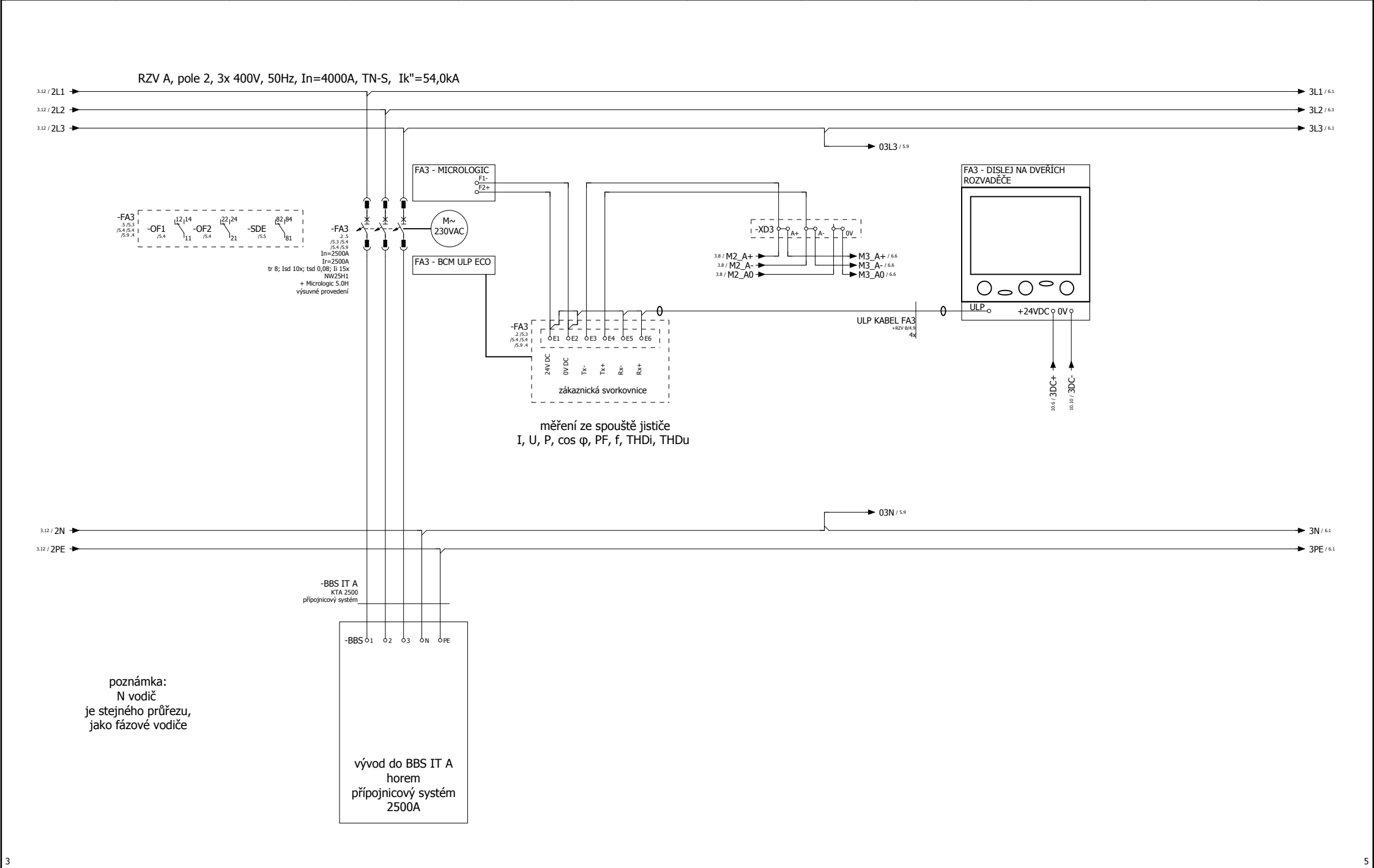
Zakázka:
Z03140

Stupeň projektu:	DPS
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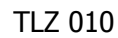
=ROZV NN
+DWT B
Strana / stran celkem 1 / 195



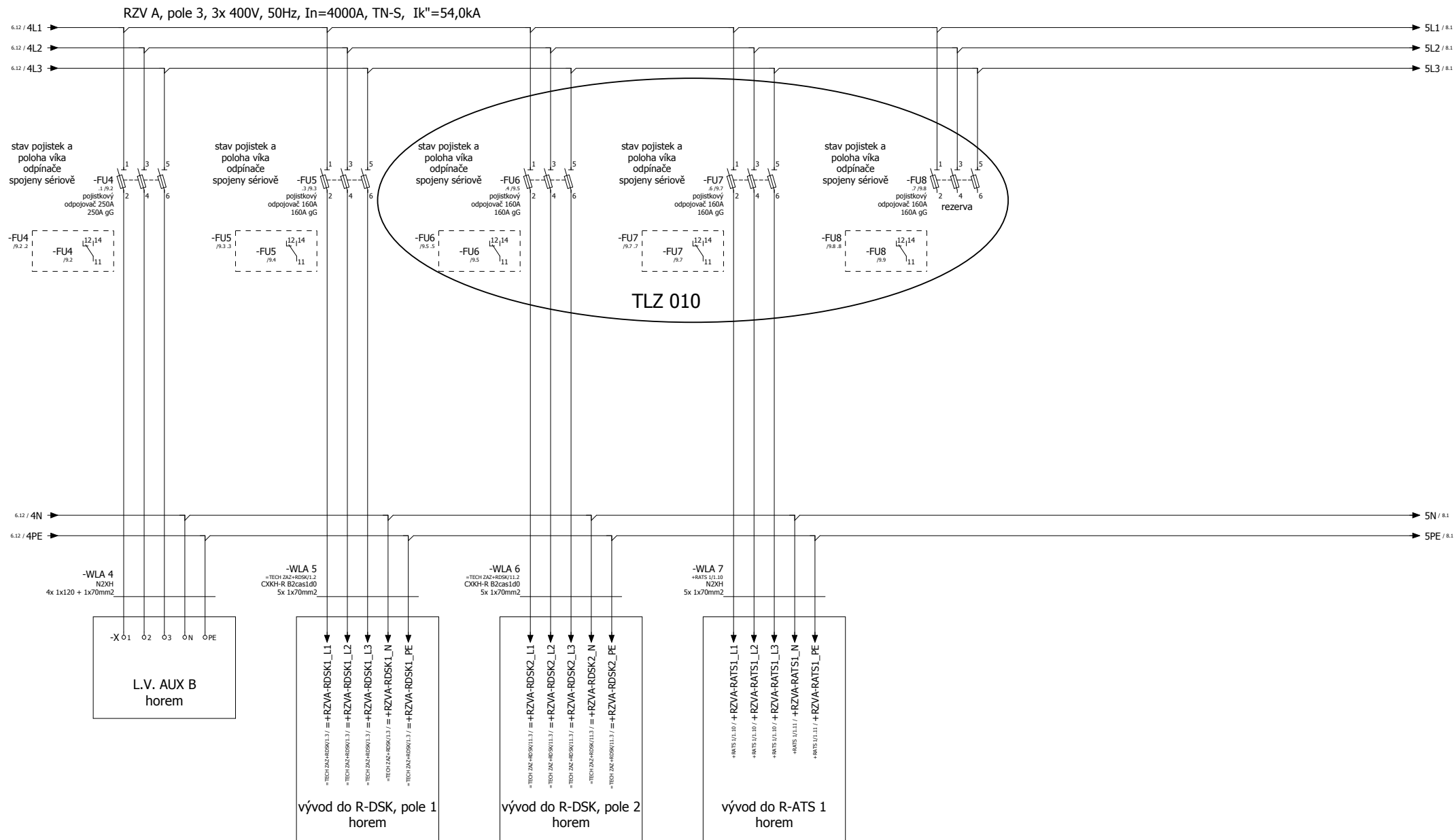





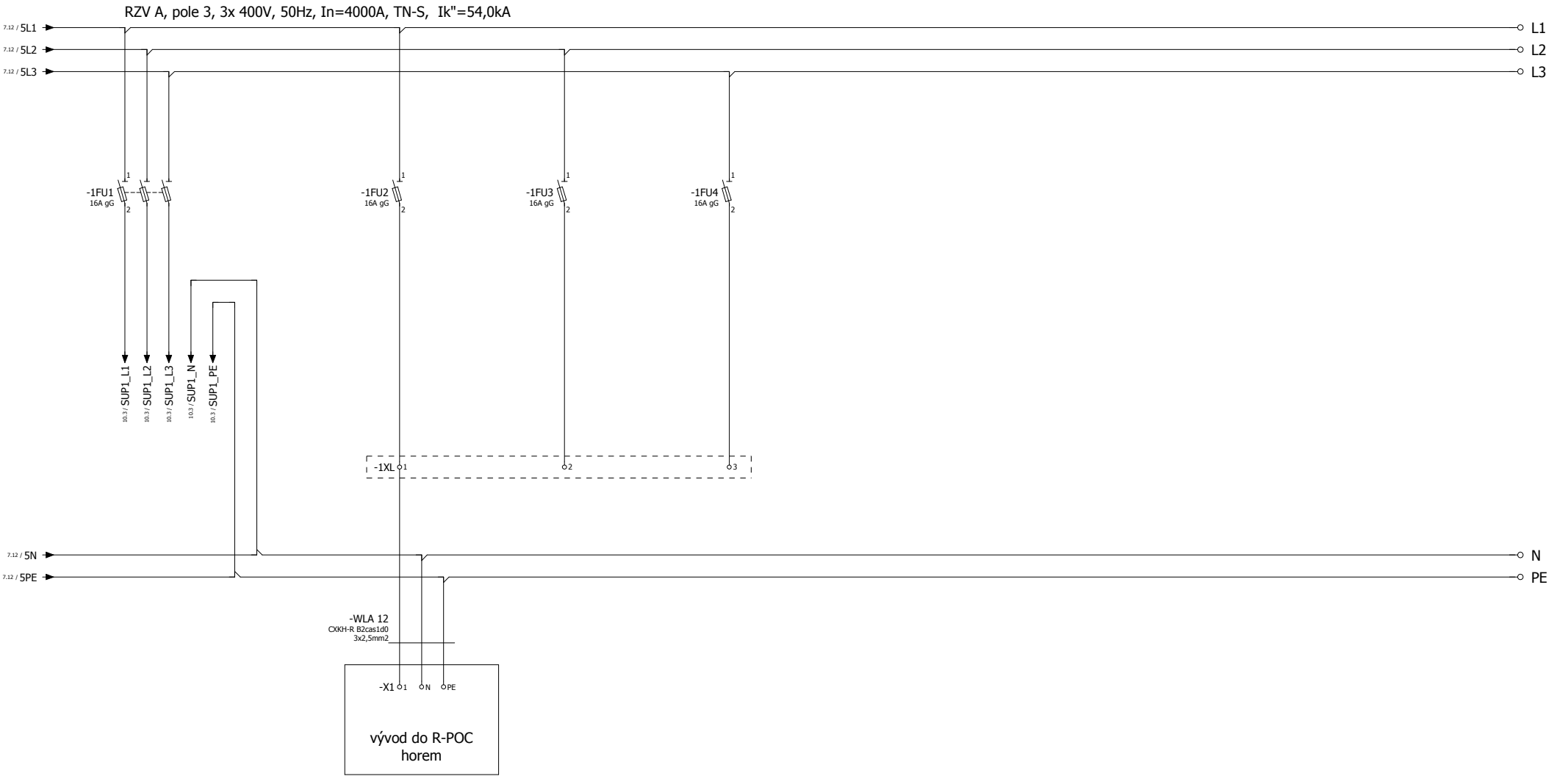


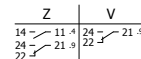
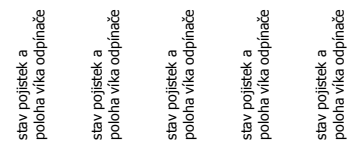


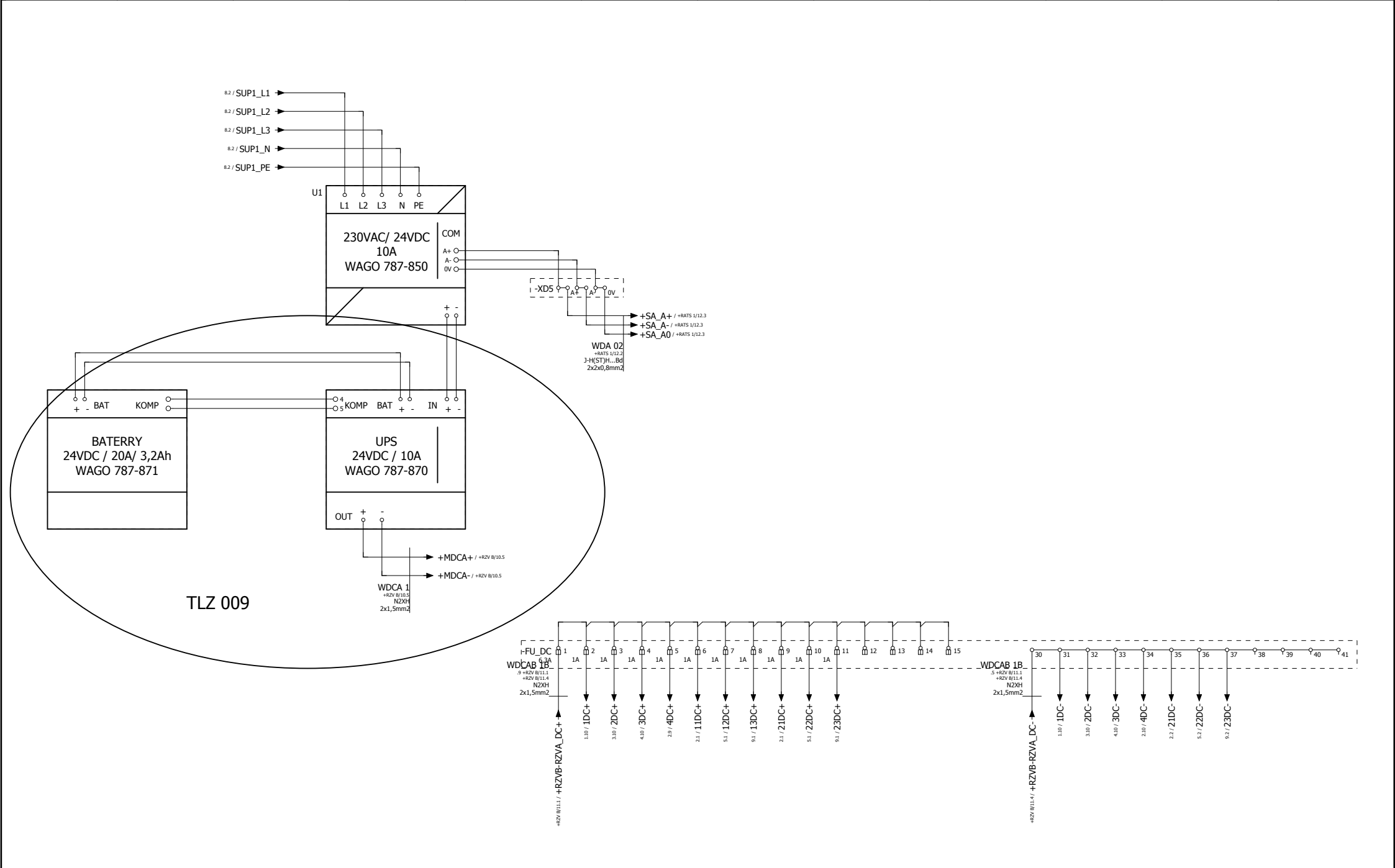
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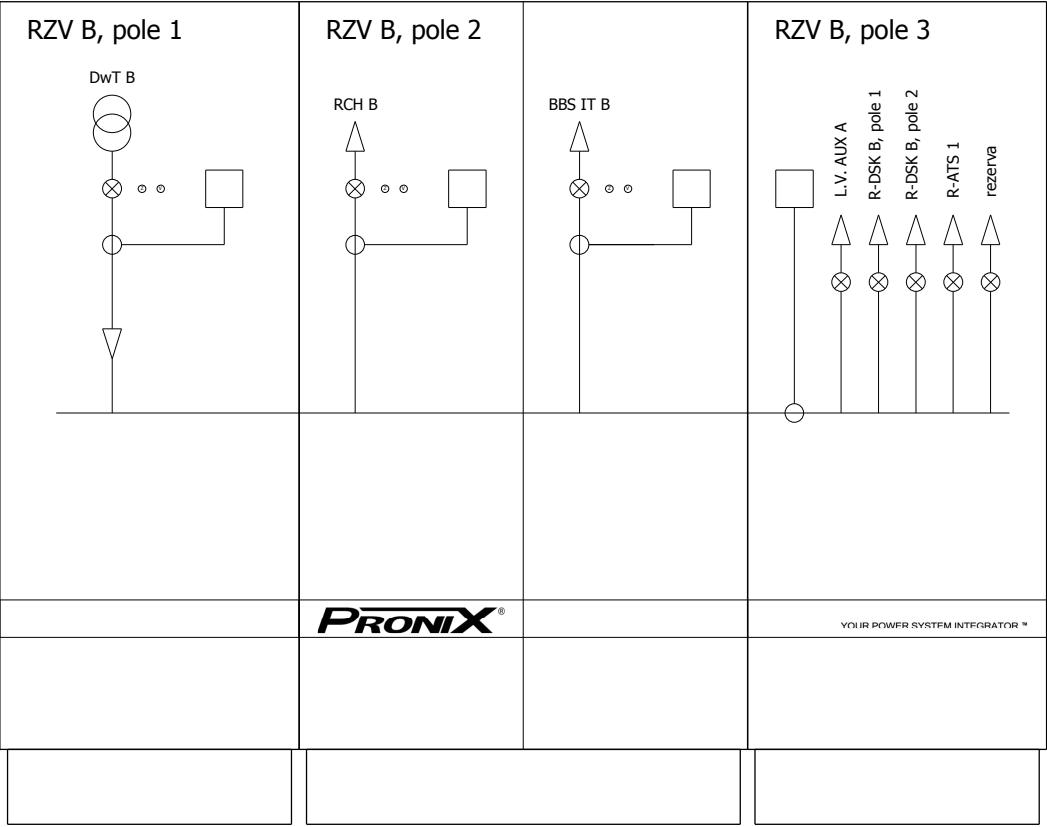


6												8		
SUPERPOČÍTAČOVÉ CENTRUM IT4INNOVATIONS		Kreslil: Datum:	Ing. Aleš Vyskočil	Národní superpočítačové centrum IT4I Studentská 6231/1B 708 33 Ostrava - Poruba		PRONIX s.r.o. Poděbradská 55/88 Praha 9 190 00		 YOUR POWER SYSTEM INTEGRATOR™				=ROZV NN		
		Kontroloval:	Ing. Aleš Vyskočil									+RZV A		
A4	2014	Schválil:	Ing. Milan Egart							Zakázka:	Z03140	Stupeň projektu:	DPS	Strana / stran celkem 7 / 195



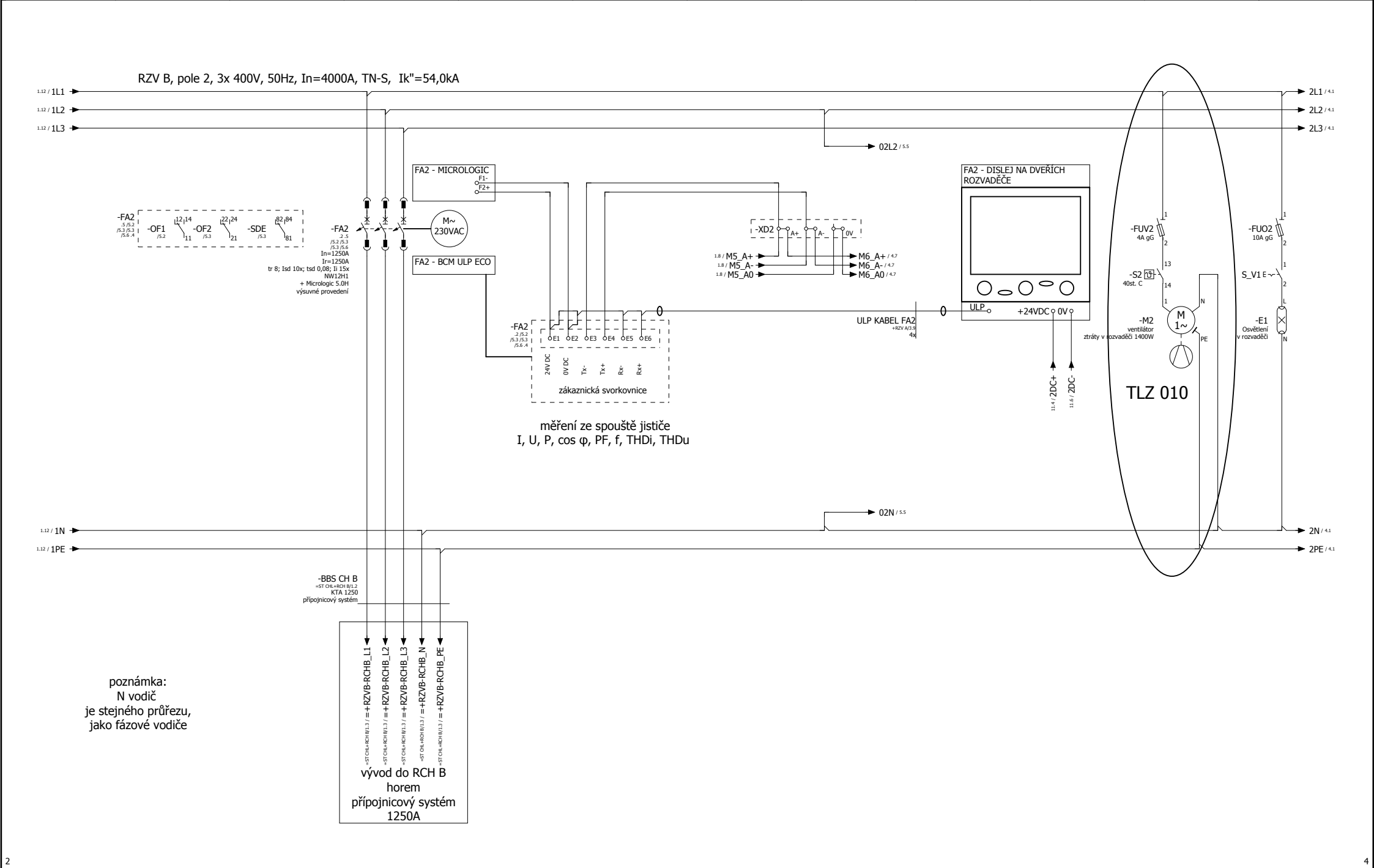


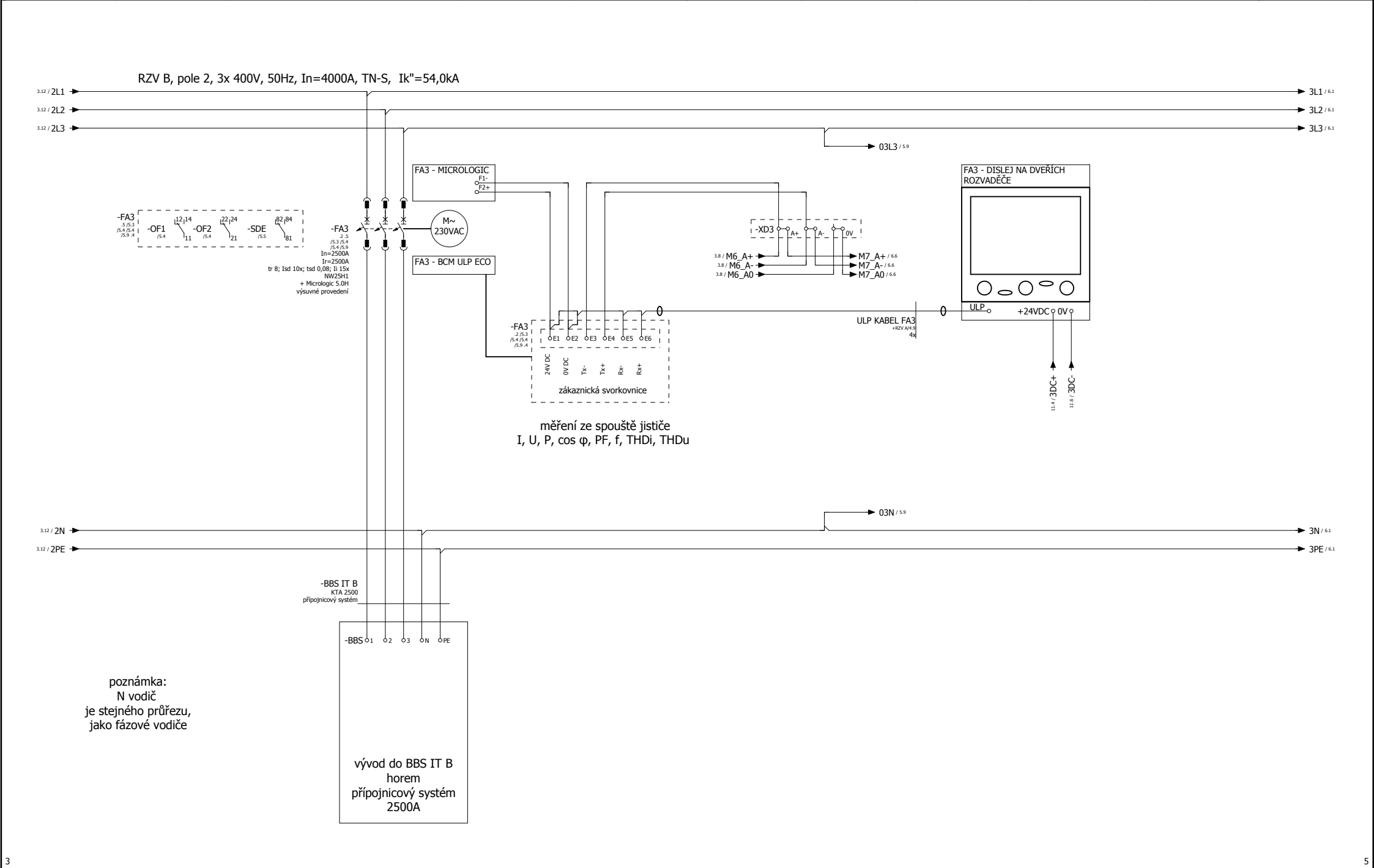




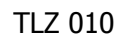
Pozn.:
Osa multimetru 1700mm od S.H. rozvaděče.

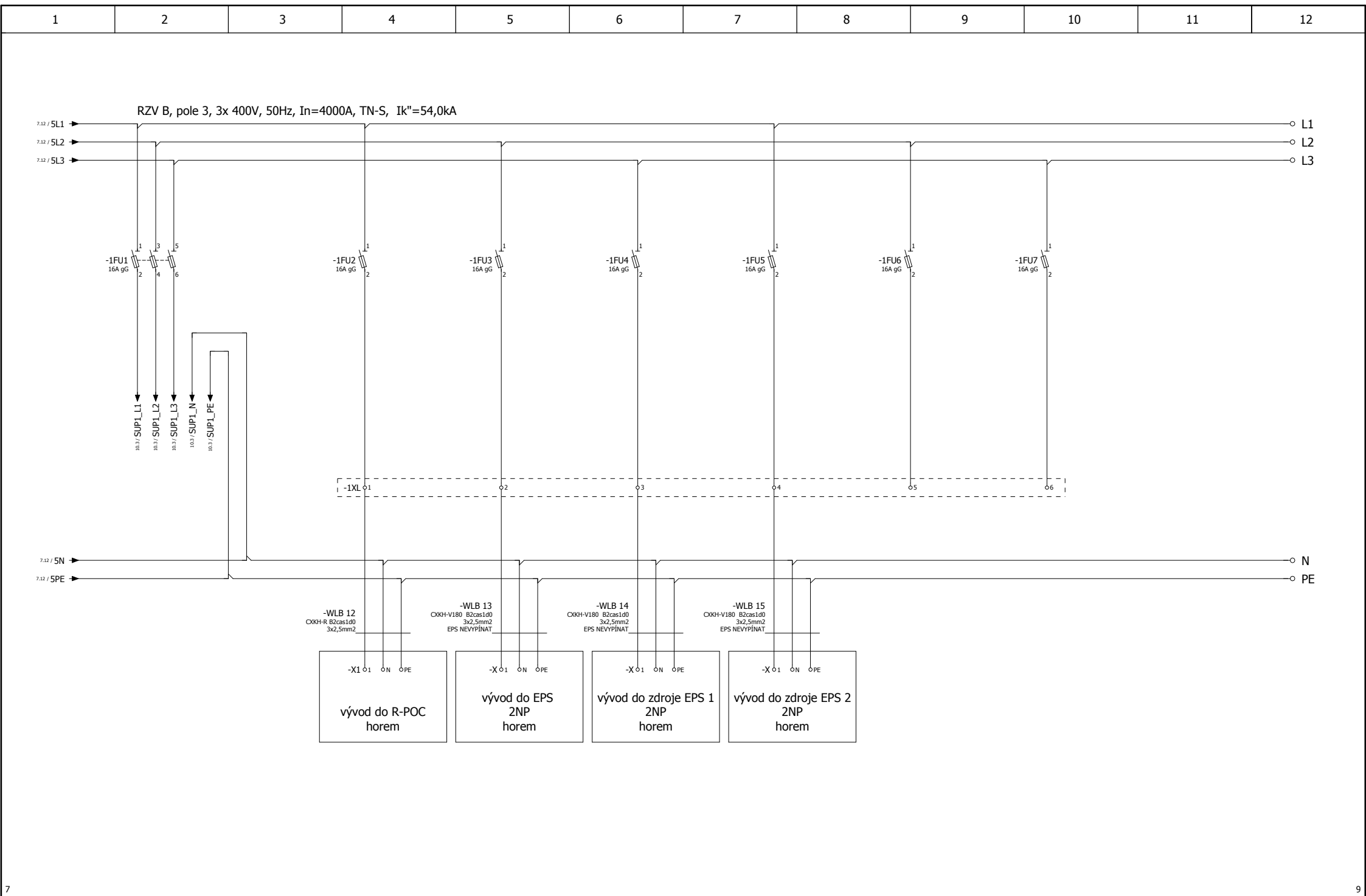


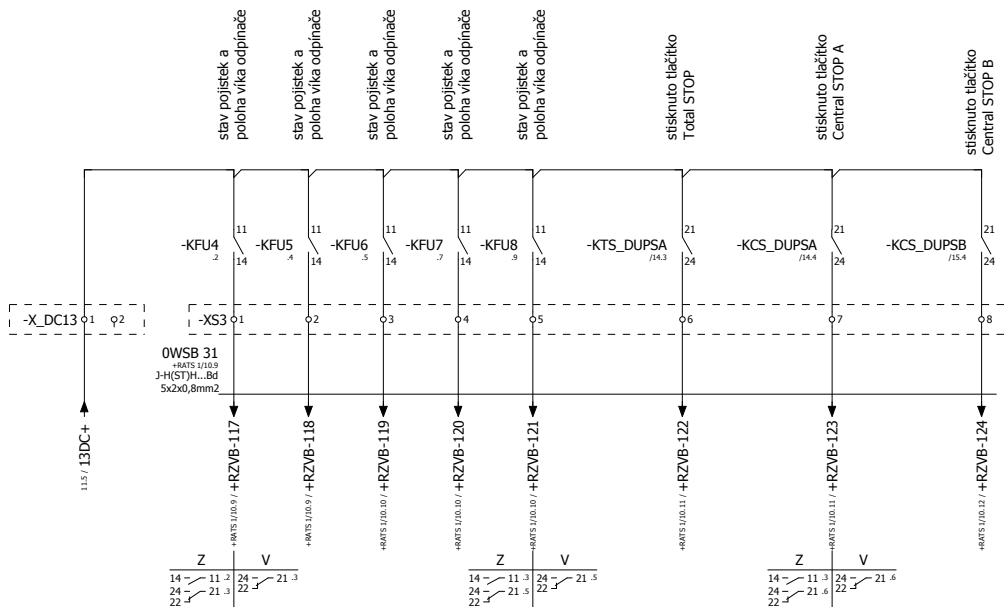
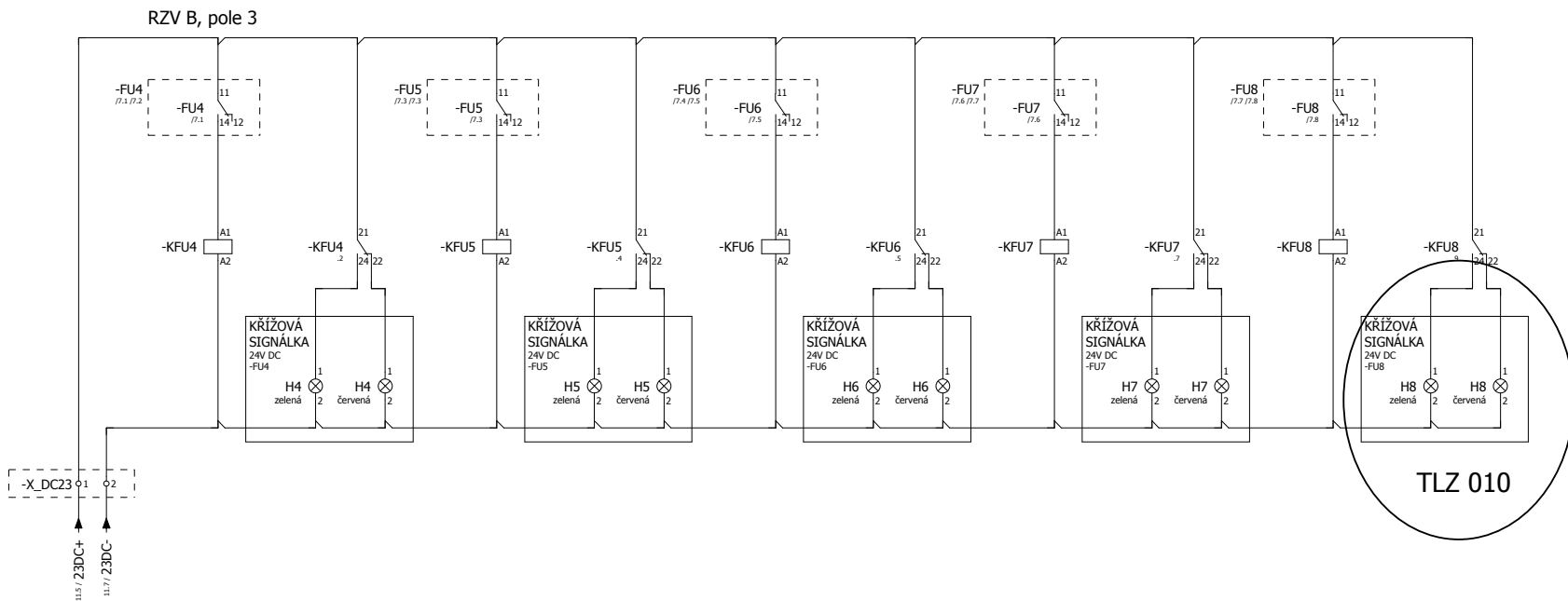




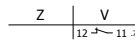
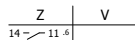
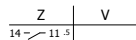


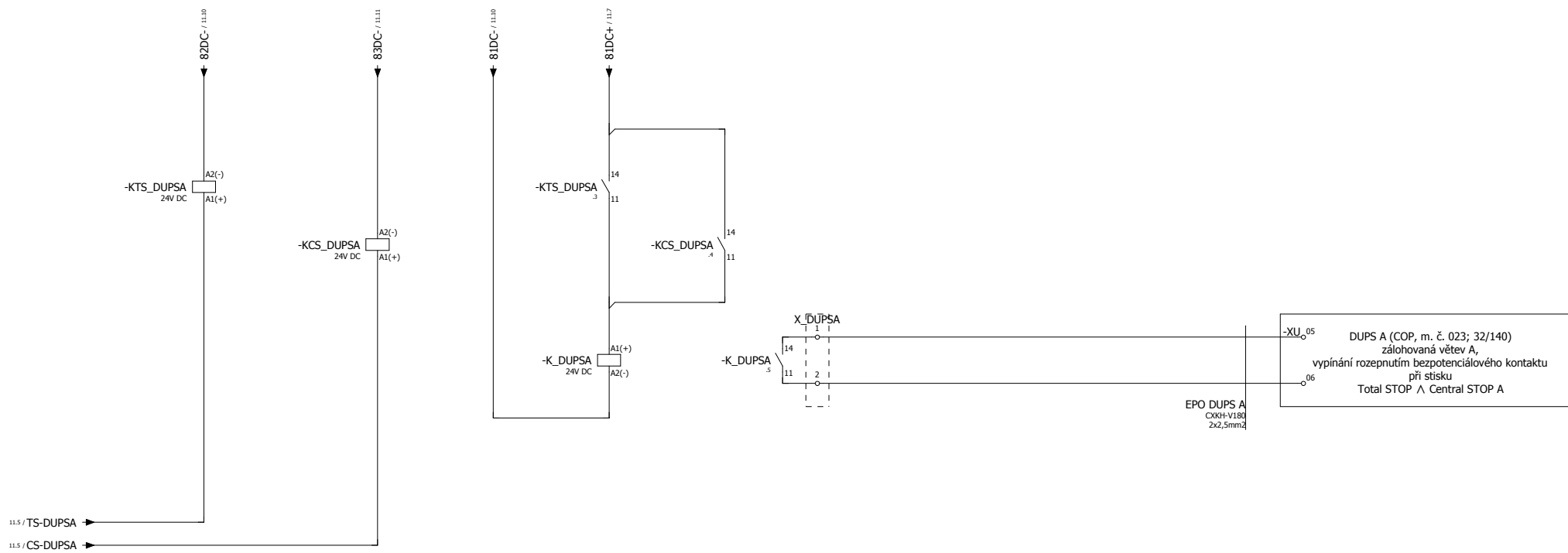


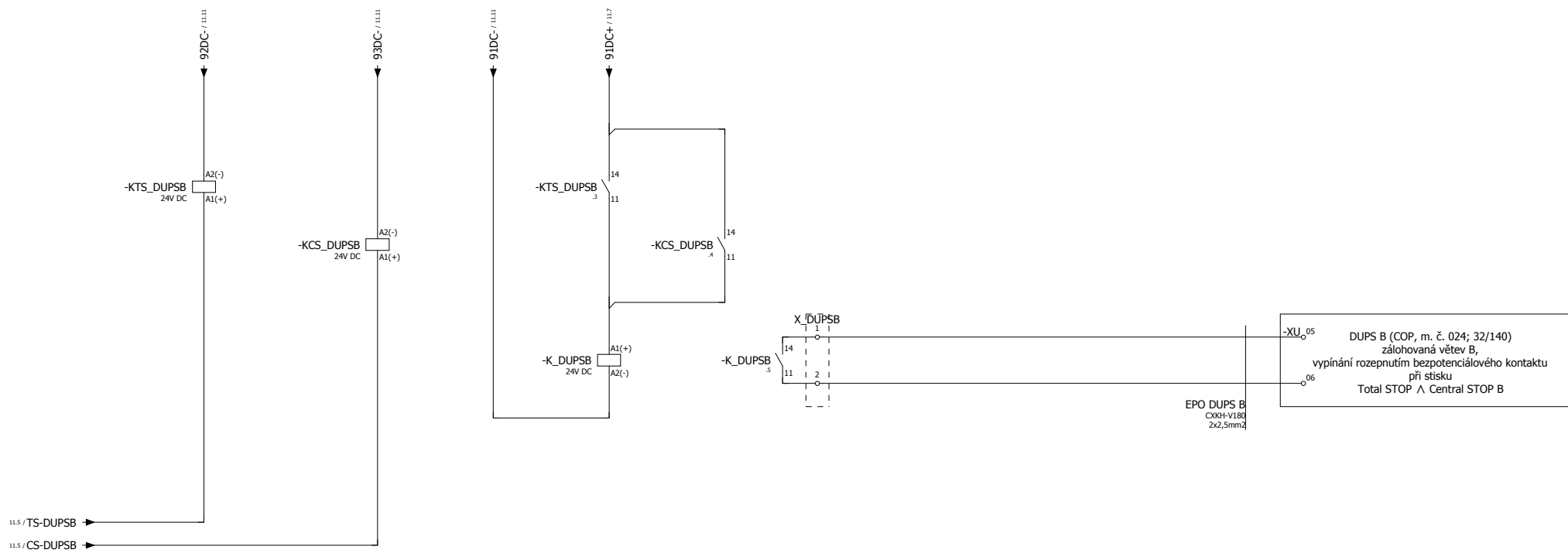




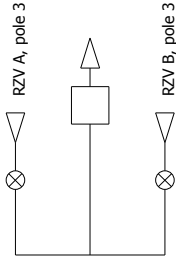








R-ATS 1



Pozn.:
Osa multimetru 1700mm od S.H. rozvaděče.

+RZV B/15

SUPERPOČÍTAČOVÉ CENTRUM
IT4INNOVATIONS

Kreslil: Ing. Aleš Vyskočil
Datum:

Kontroloval: Ing. Aleš Vyskočil

Schválil: Ing. Milan Egart

Národní superpočítačové centrum IT4I
Studentská 6231/1B
708 33 Ostrava - Poruba

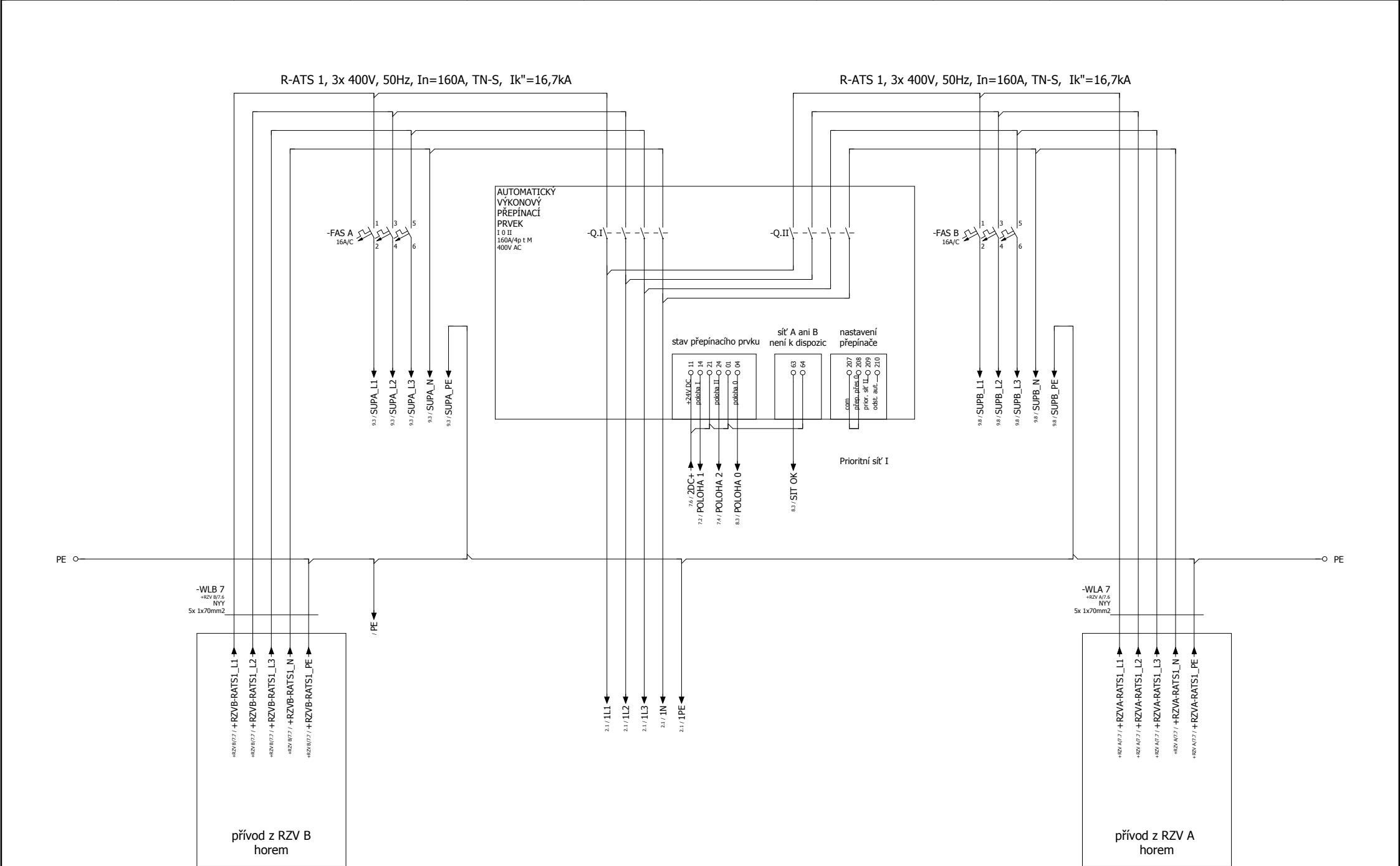
PRONIX s.r.o.
Poděbradská 55/88
Praha 9 190 00

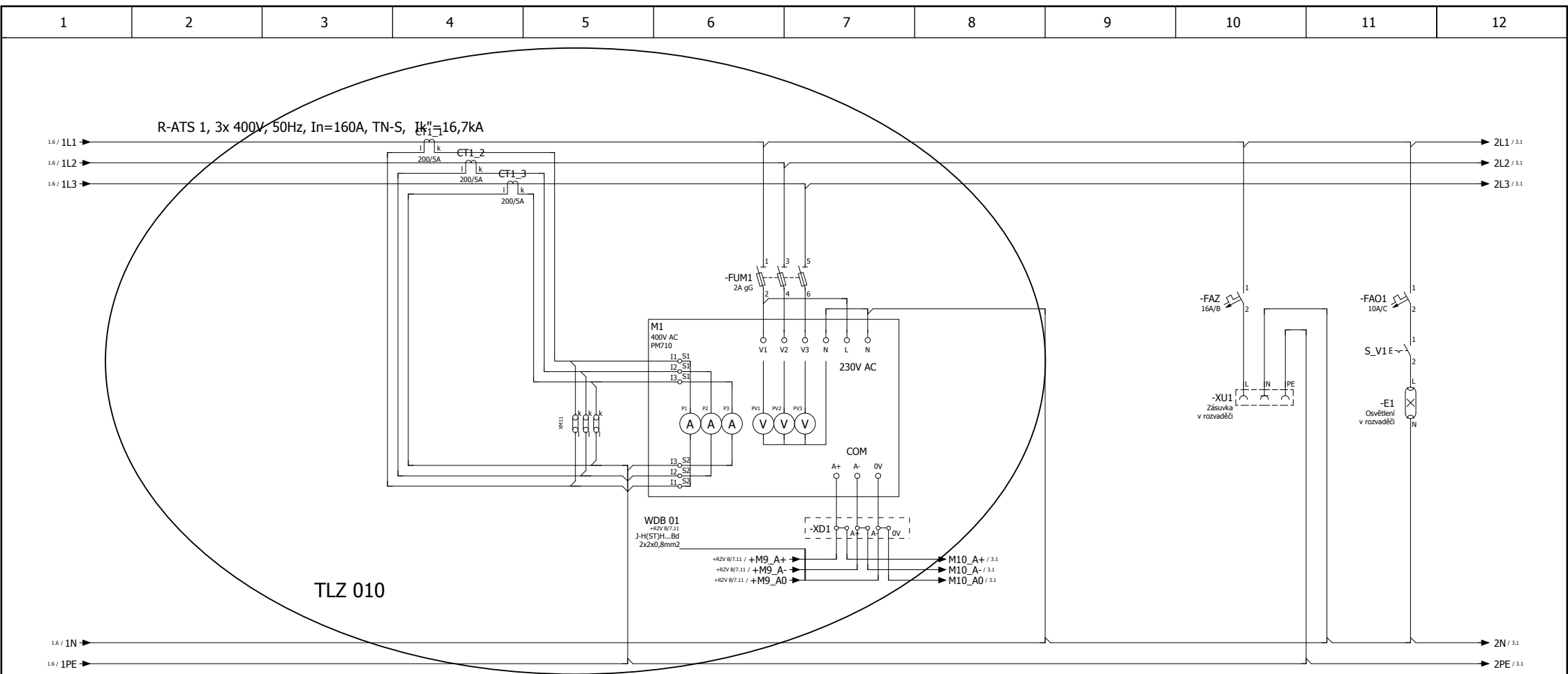


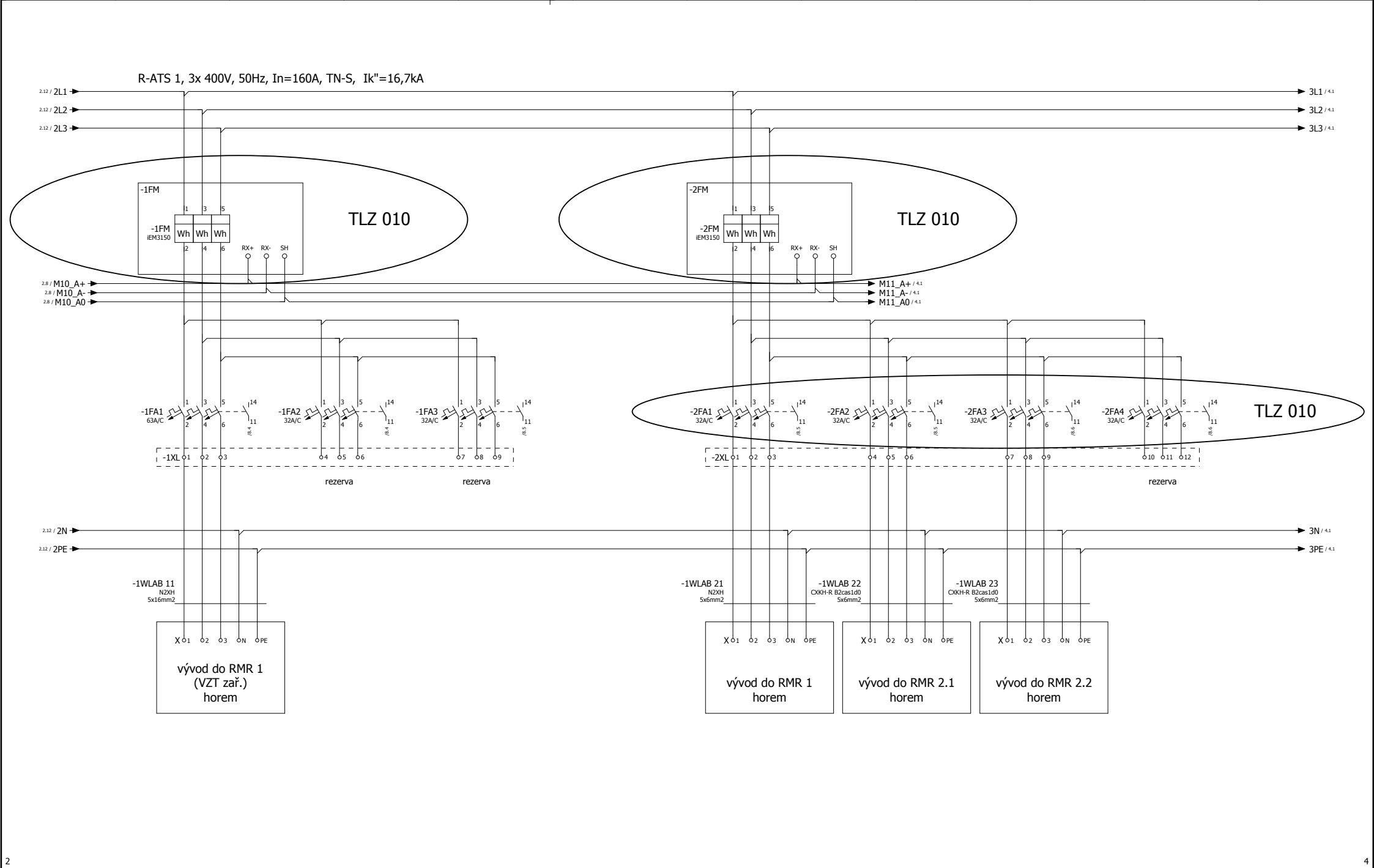
Zakázka:
Z03140

Stupeň projektu:
DPS

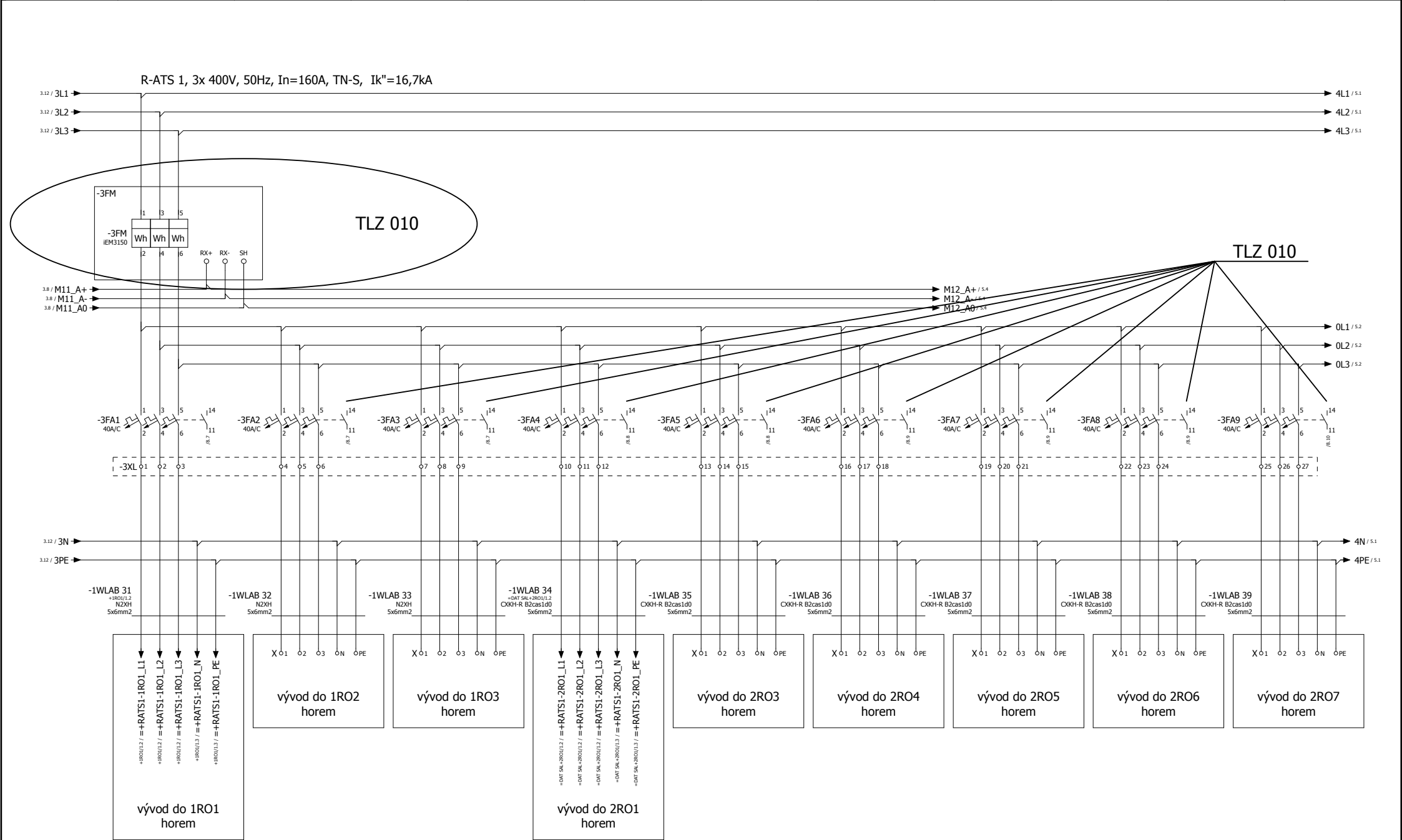
=ROZV NN
+RATS 1
Strana / stran celkem
0 / 195




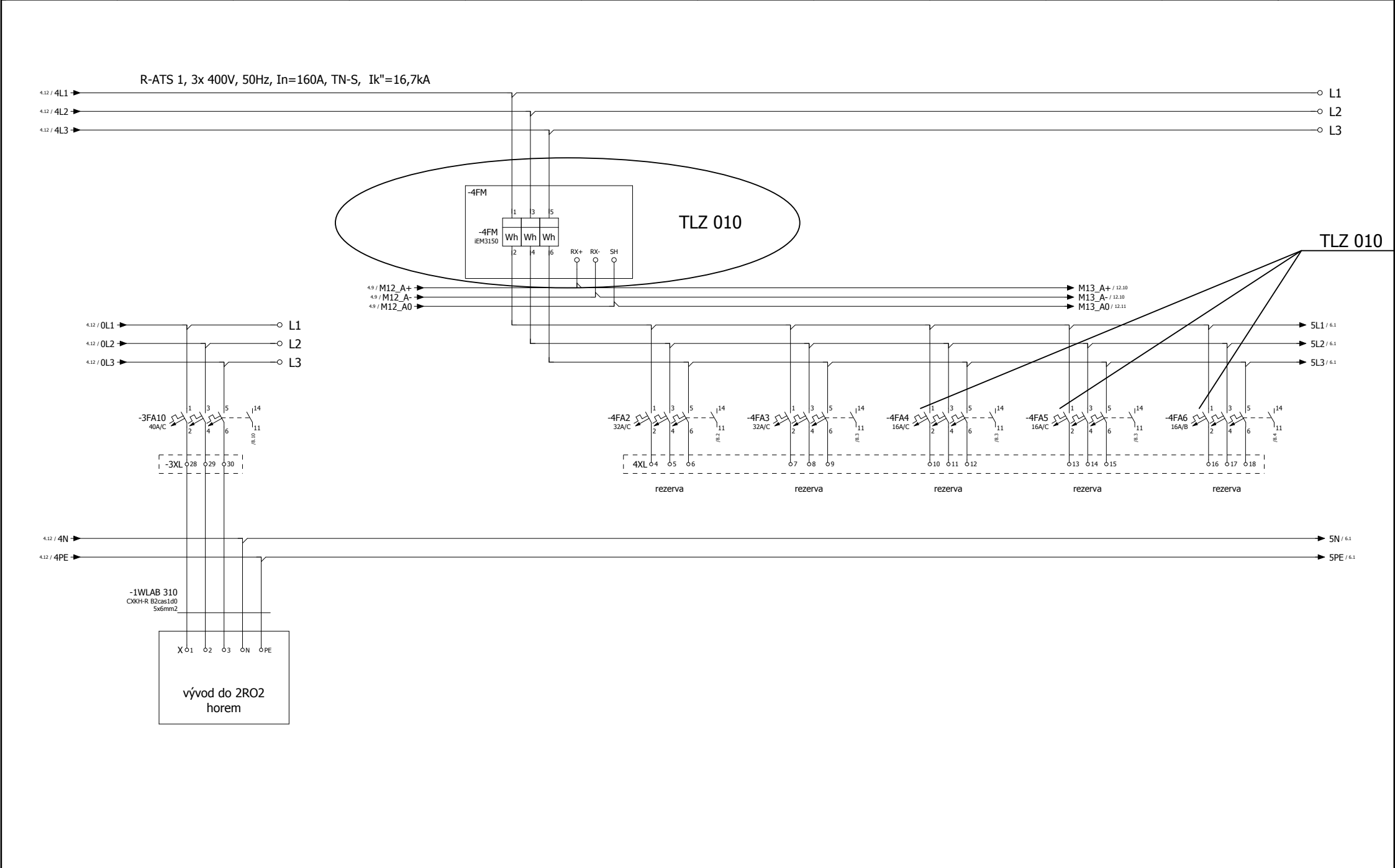


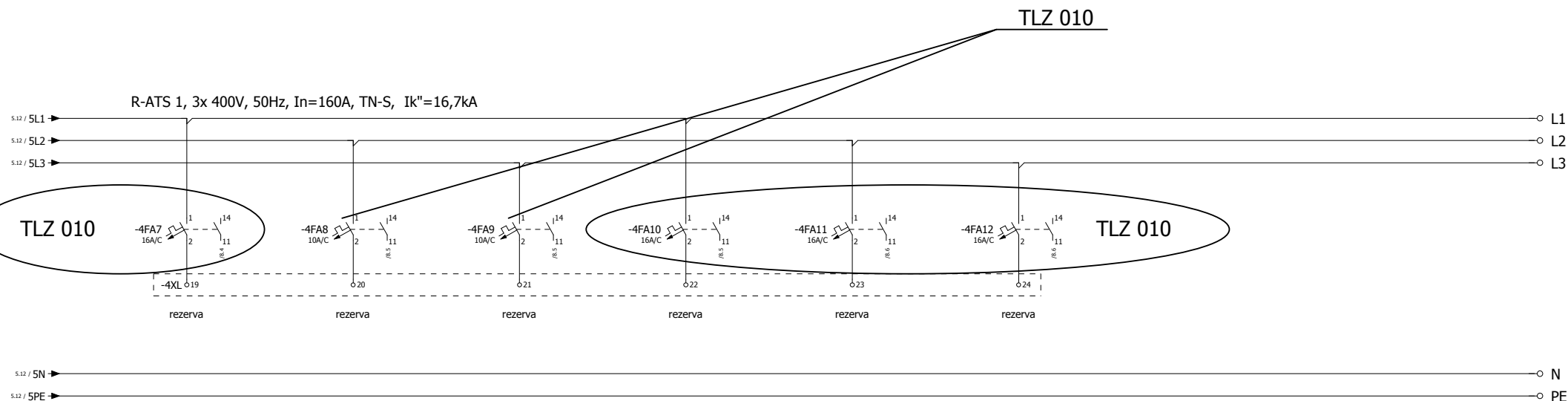


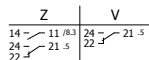
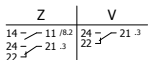
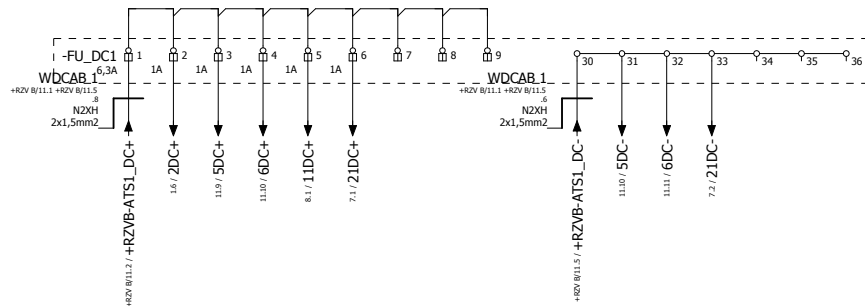
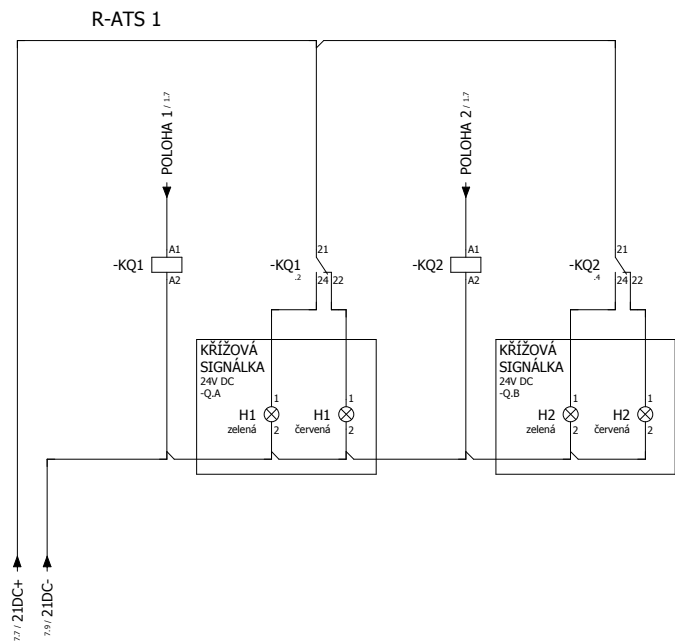
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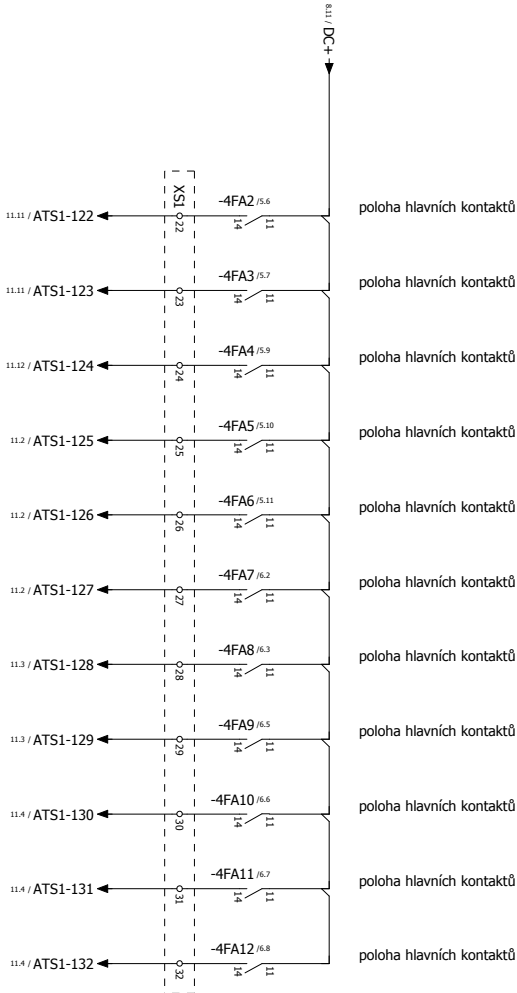
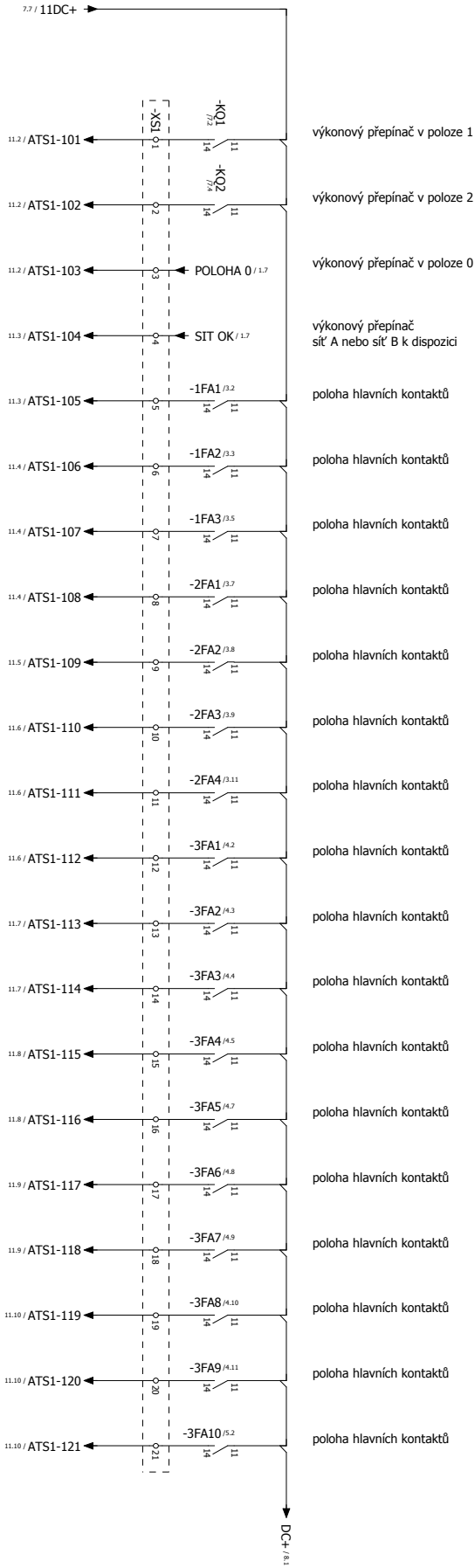


3												5		
SUPERPOČÍTAČOVÉ CENTRUM IT4INNOVATIONS		Kreslil: Ing. Aleš Vyskočil		Národní superpočítačové centrum IT4I Studentská 6231/1B 708 33 Ostrava - Poruba		PRONIX s.r.o. Poděbradská 55/88 Praha 9 190 00						=ROZV NN		
		Datum:										+RATS 1		
		Kontroloval: Ing. Aleš Vyskočil										Strana / stran celkem		
A4	2014	Schválil: Ing. Milan Egart								Zakázka: Z03140	Stupeň projektu: DPS		4 / 195	

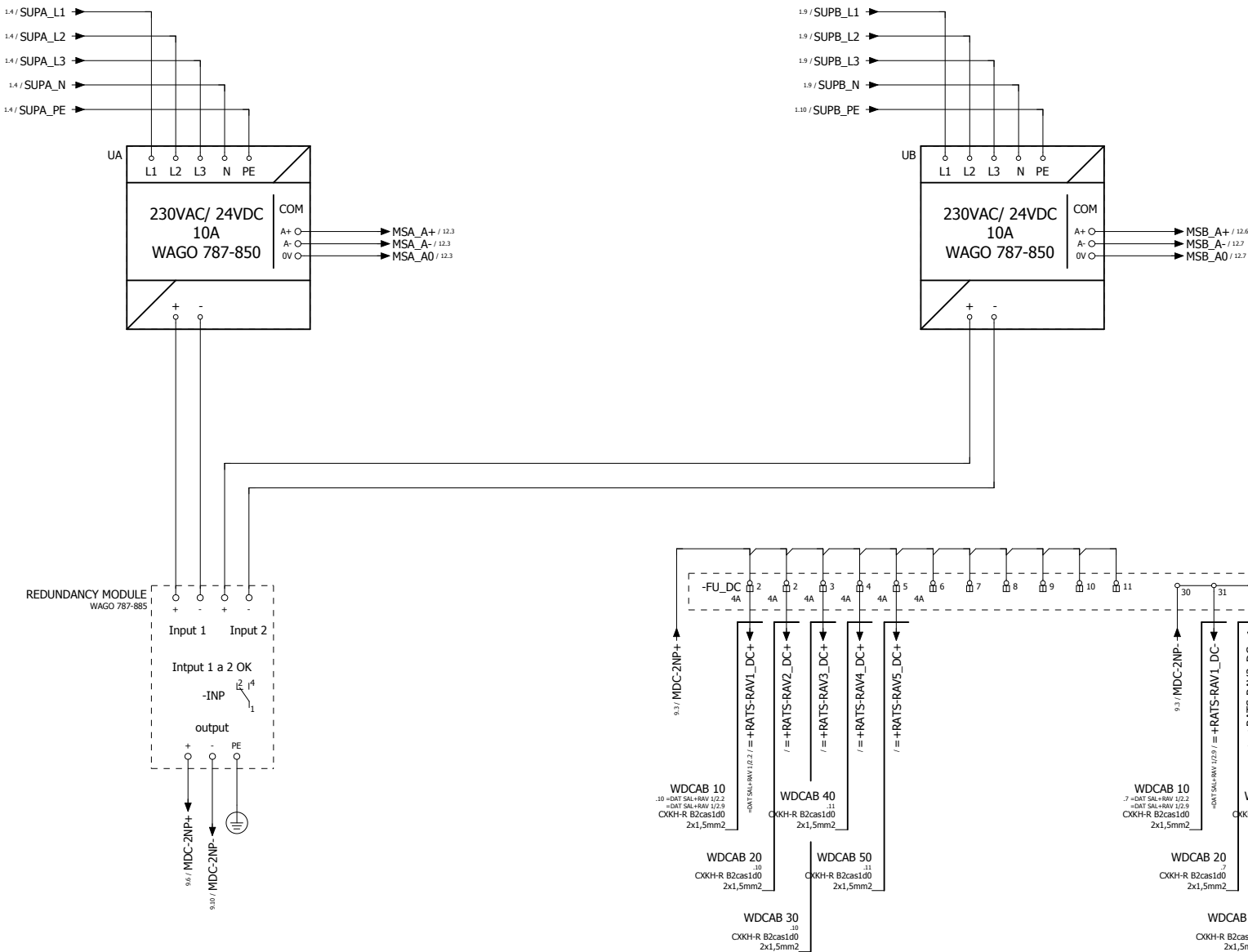








Pomocné kontakty R-ATS 1



1

2

3

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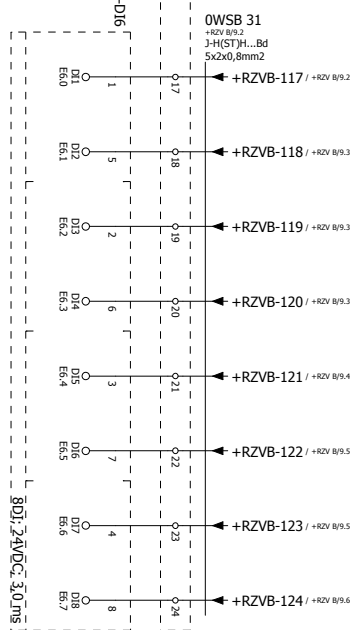
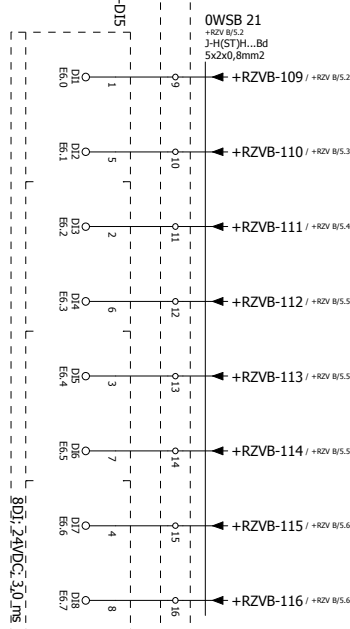
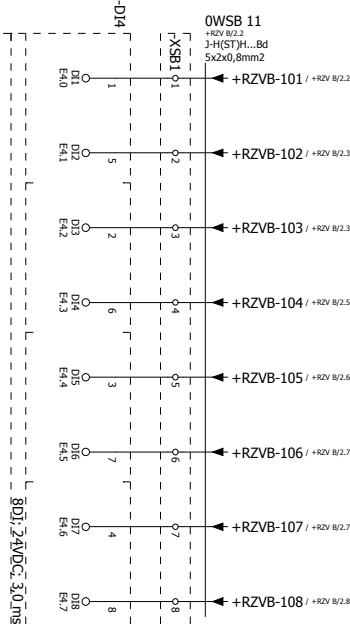
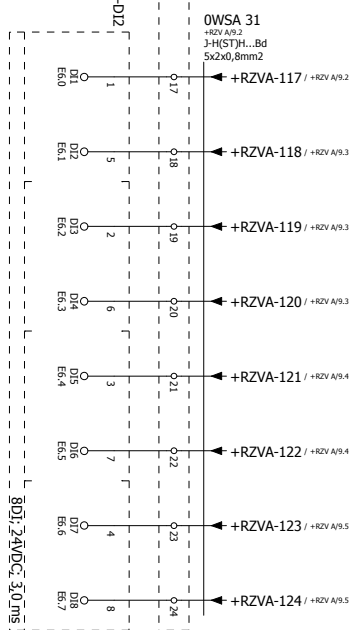
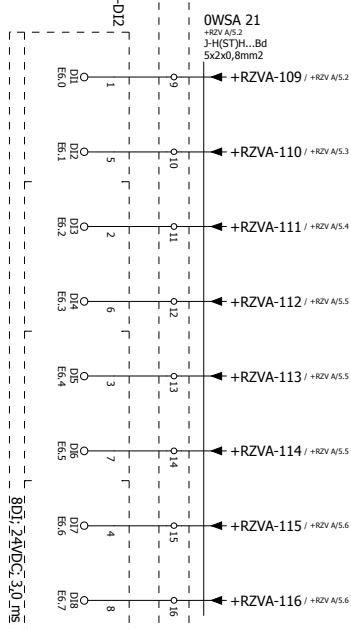
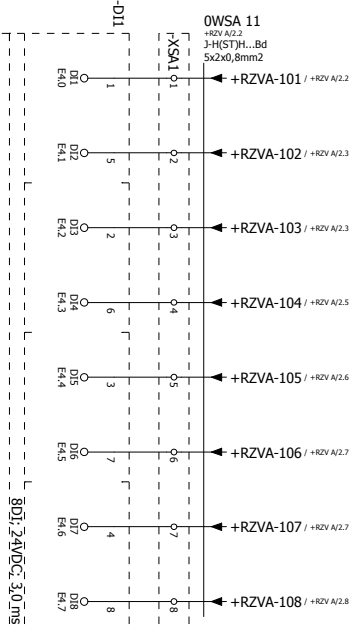
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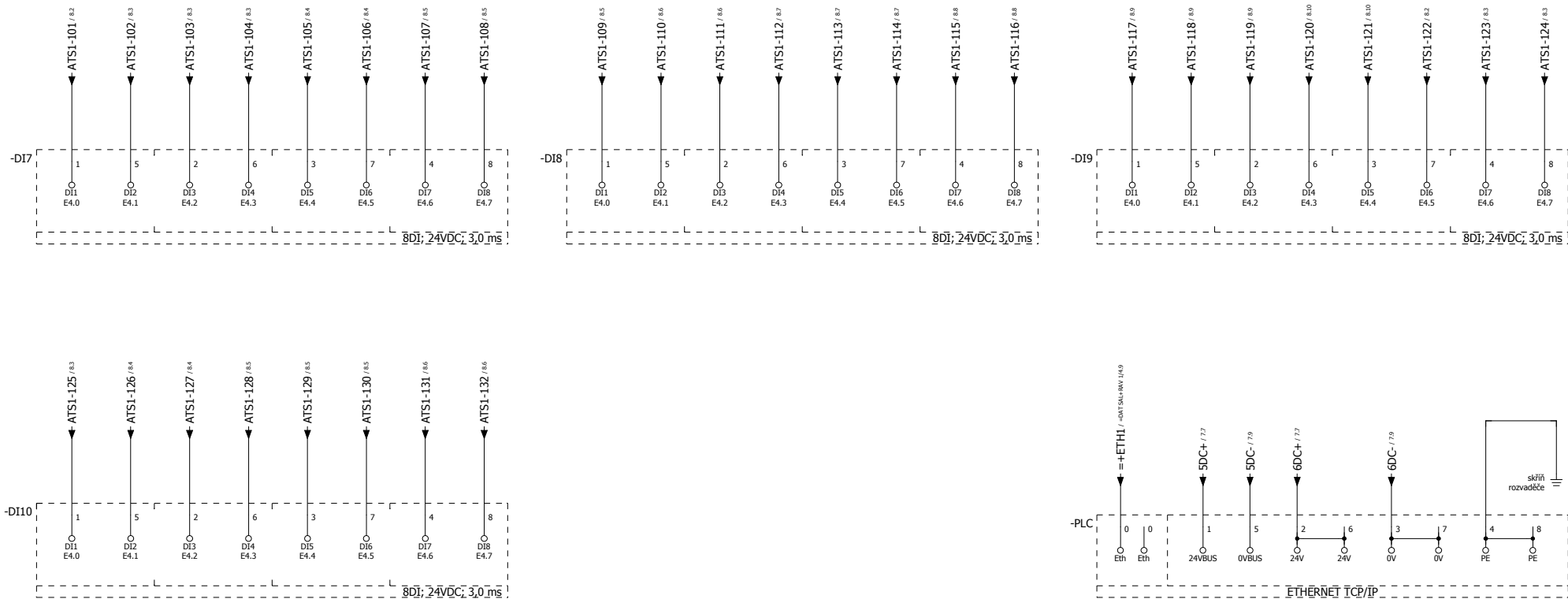
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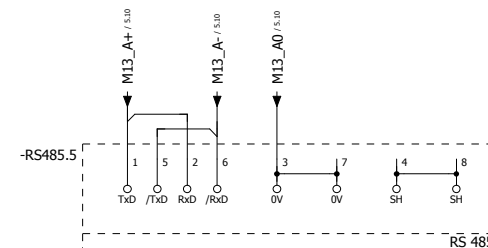
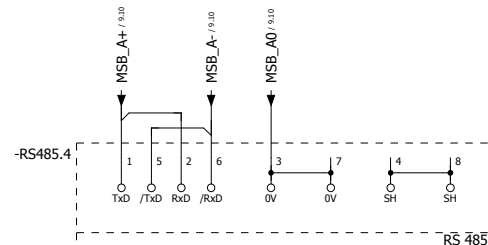
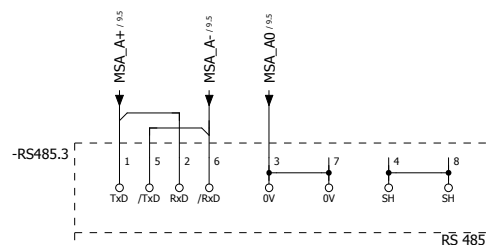
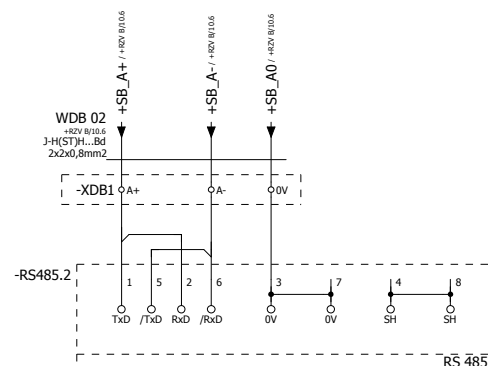
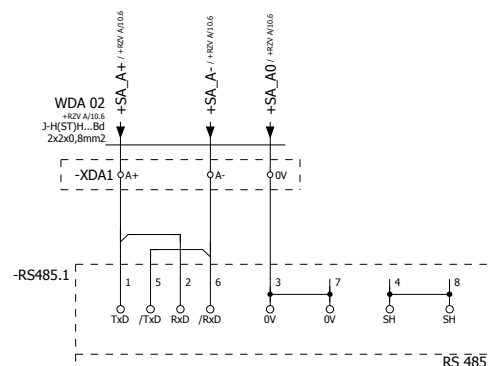
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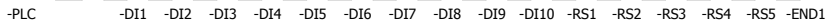
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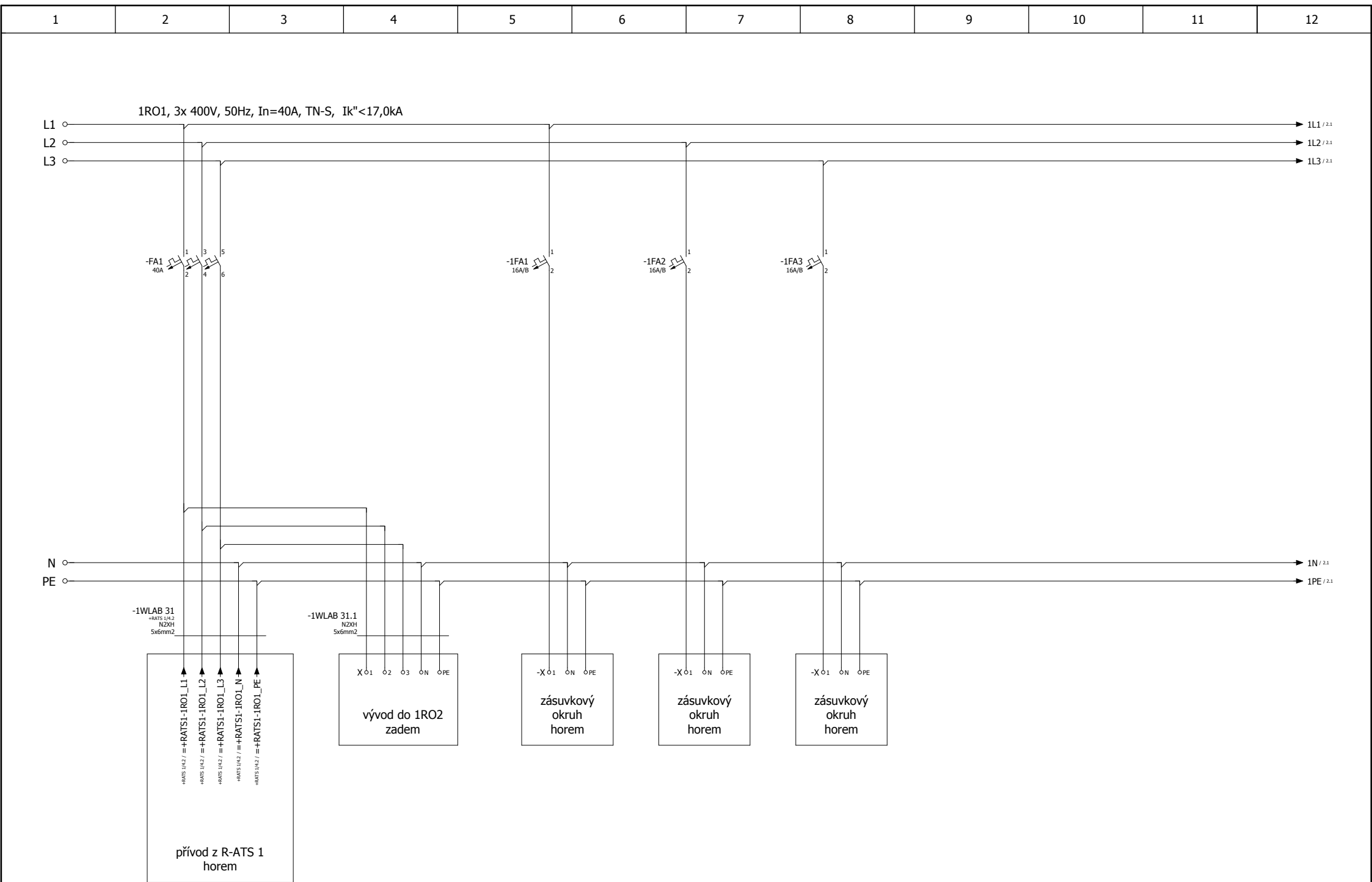


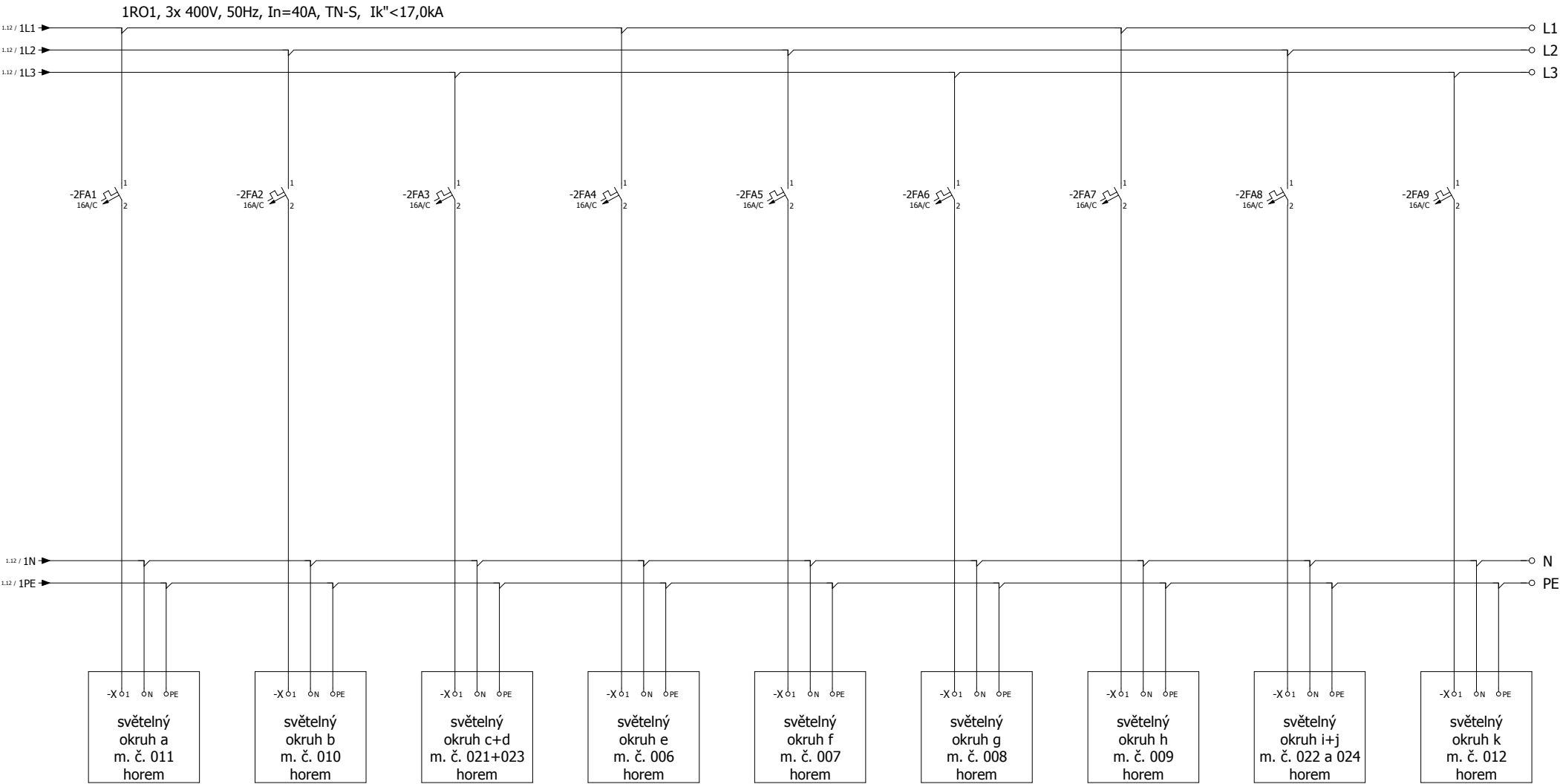
SUPERPOČÍTAČOVÉ CENTRUM IT4INNOVATIONS		Kreslil: Ing. Aleš Vyskočil Datum:	Národní superpočítačové centrum IT4I Studentská 623 I/1B 708 33 Ostrava - Poruba	PRONIX s.r.o. Poděbradská 55/88 Praha 9 190 00		Zakázka: Z03140	Stupeň projektu: DPS	=ROZV/ NN +RATS 1 Strana / stran celkem 10 / 195
		Kontroloval: Ing. Aleš Vyskočil						
A4	2014	Schválil: Ing. Milan Egart						



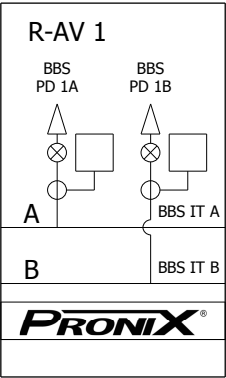








Pozn. 1:
označení rozvodnic R-AV x:
x {1, 2, 3, 4, 5}



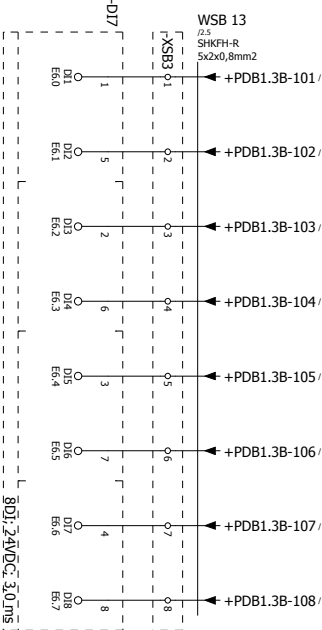
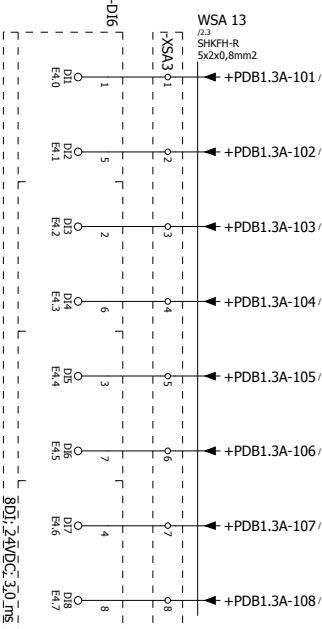
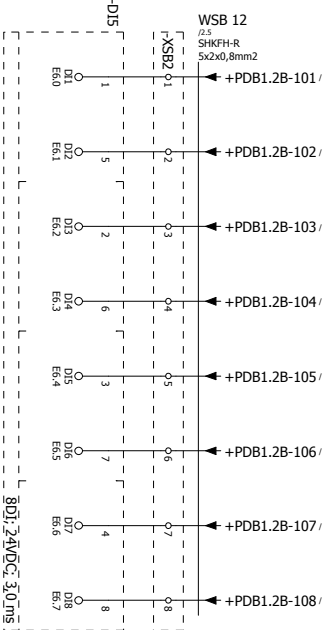
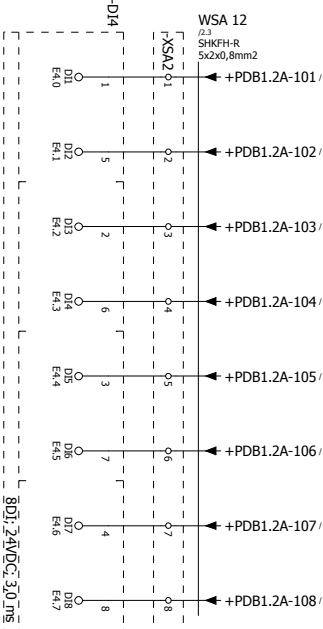
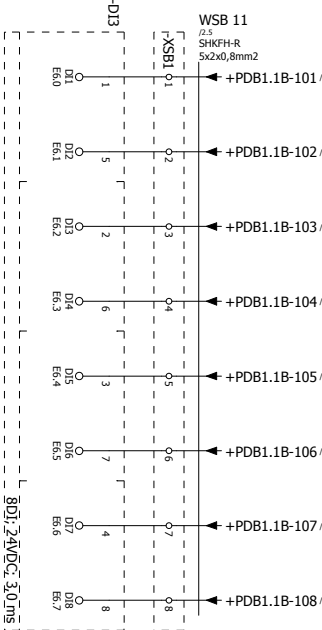
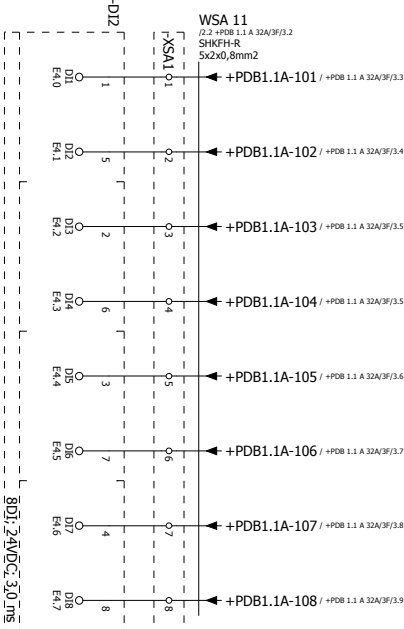
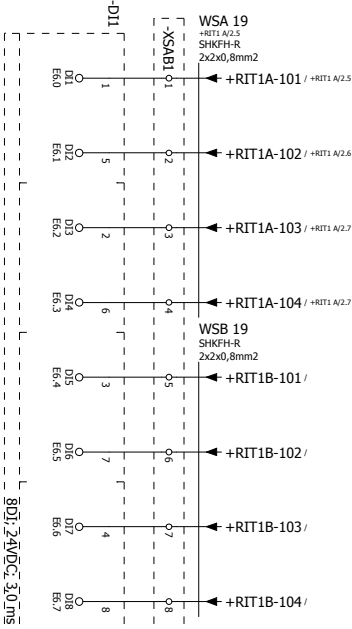
Pozn. 2:
S.H. rozvodnice 1.000mm
nad technologickou podlahou.
Osa multimetru a signálek
600mm od S.H. rozvodnice.
Přívody a vývody spodem.

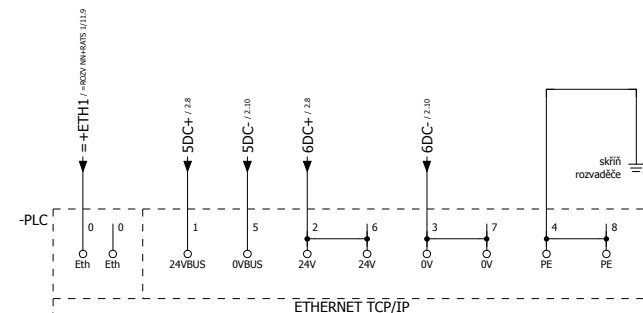
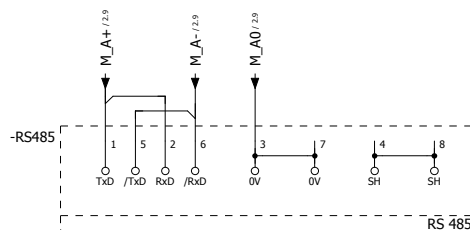
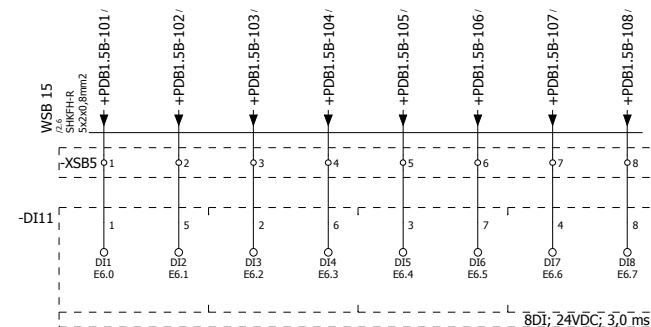
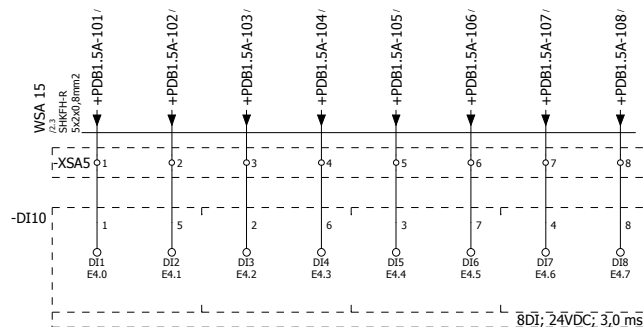
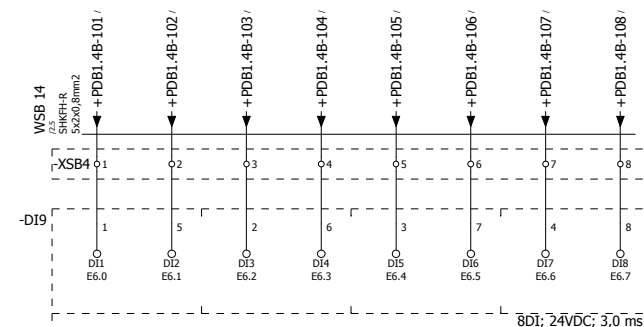
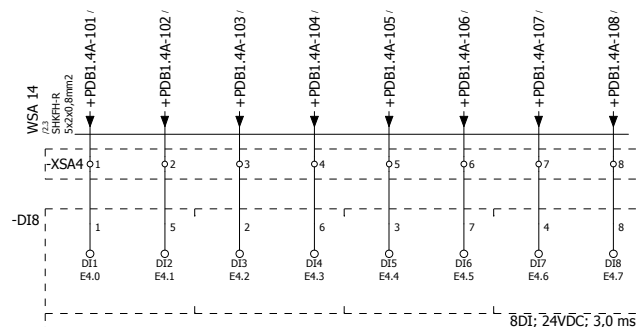
=ROZV NN+1RO1/2

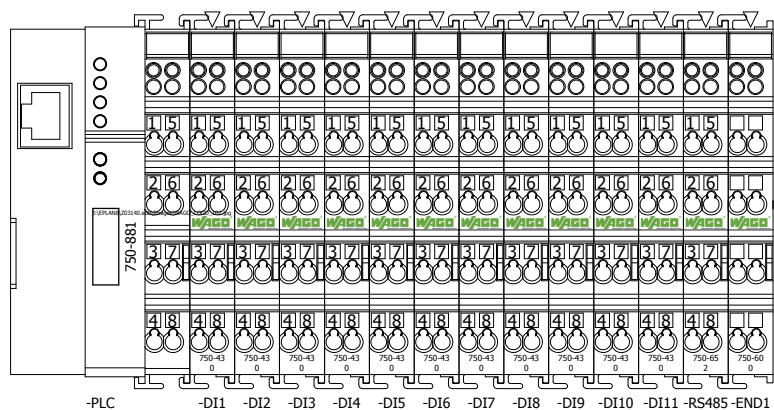
R-AV 1



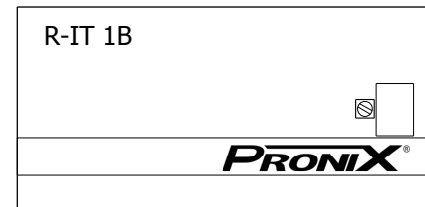
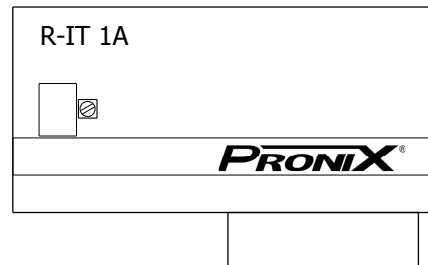




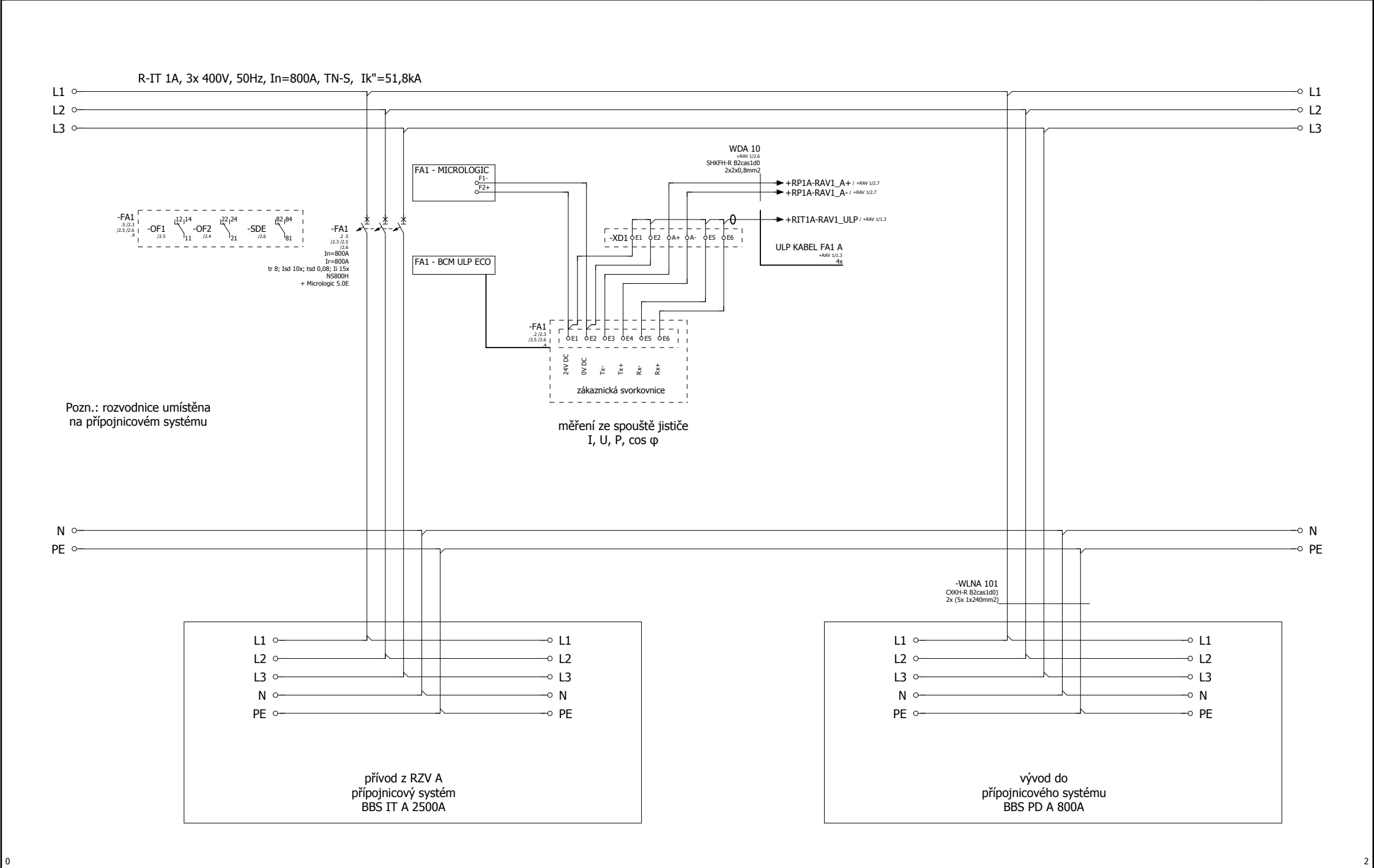




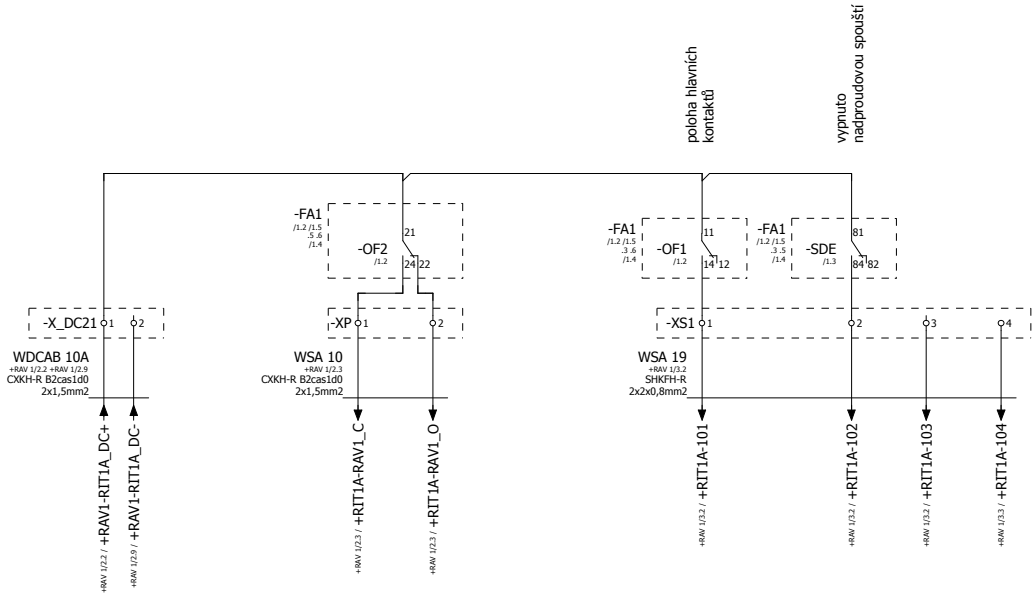
Pozn. 1:
označení rozvodnic R-IT xz:
x {1, 2, 3, 4, 5}
z {A, B}



Pozn. 2:
Větev A (5ks) je v provedení s vývody vpravo.
Větev B (5ks) je v provedení s vývody vlevo.



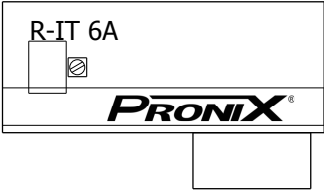
R-IT 1A



poloha hlavních kontaktů

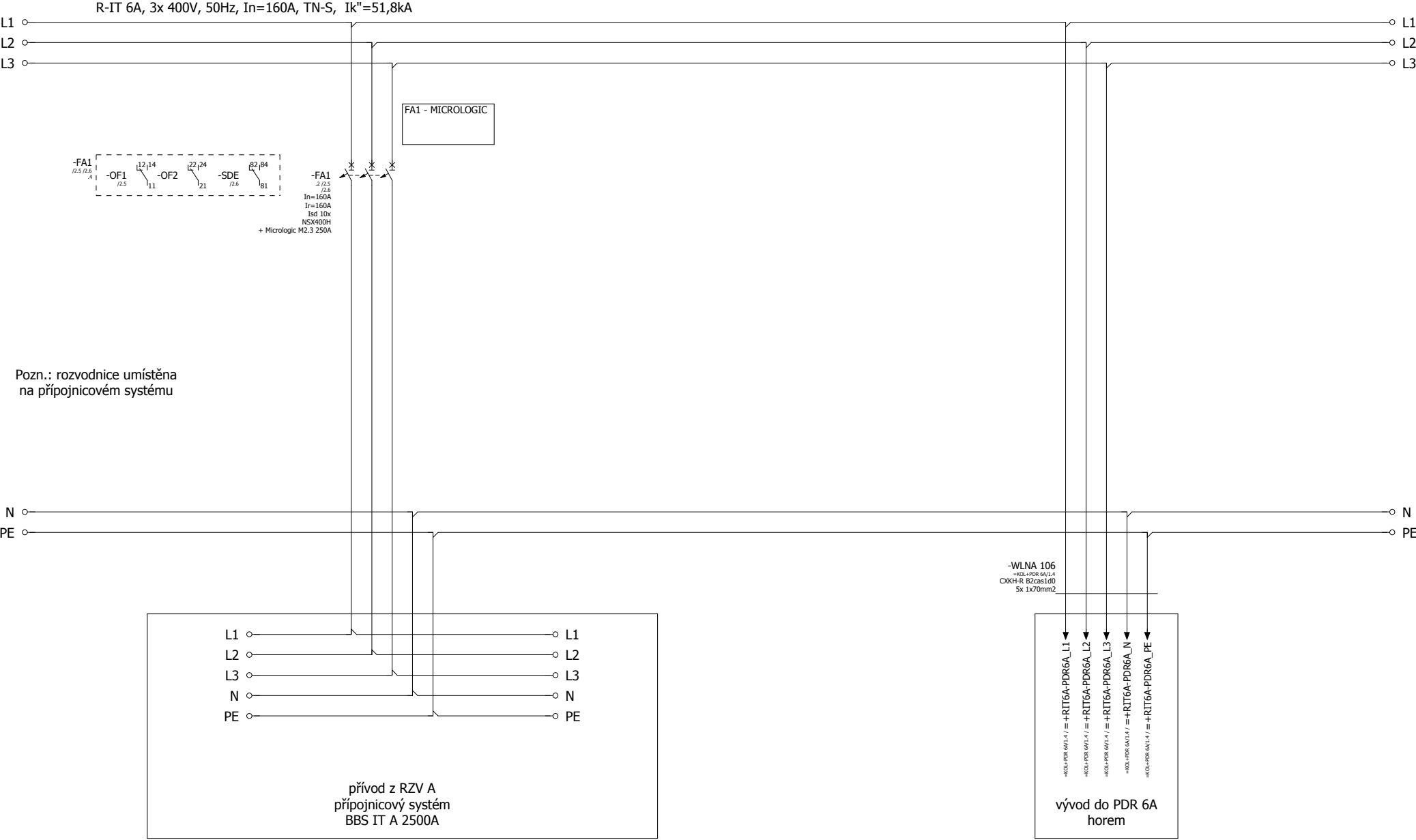
vypnuto nadproudovou spouští

Pozn. 1:
označení rozvodnic R-IT 6z:
z {A, B}

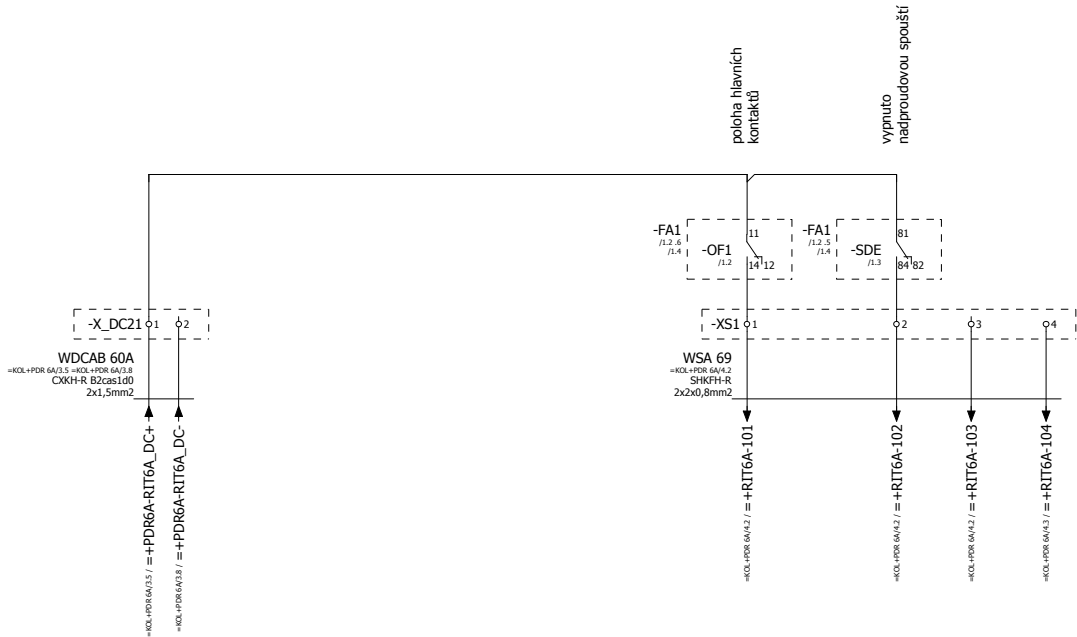


Pozn. 2:
Větev A (1ks) je v provedení s vývody vpravo.
Větev B (1ks) je v provedení s vývody vlevo.

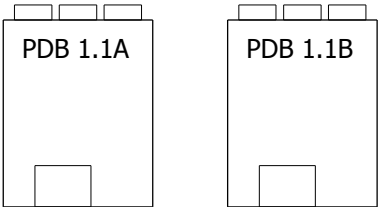
+RIT1 A/2

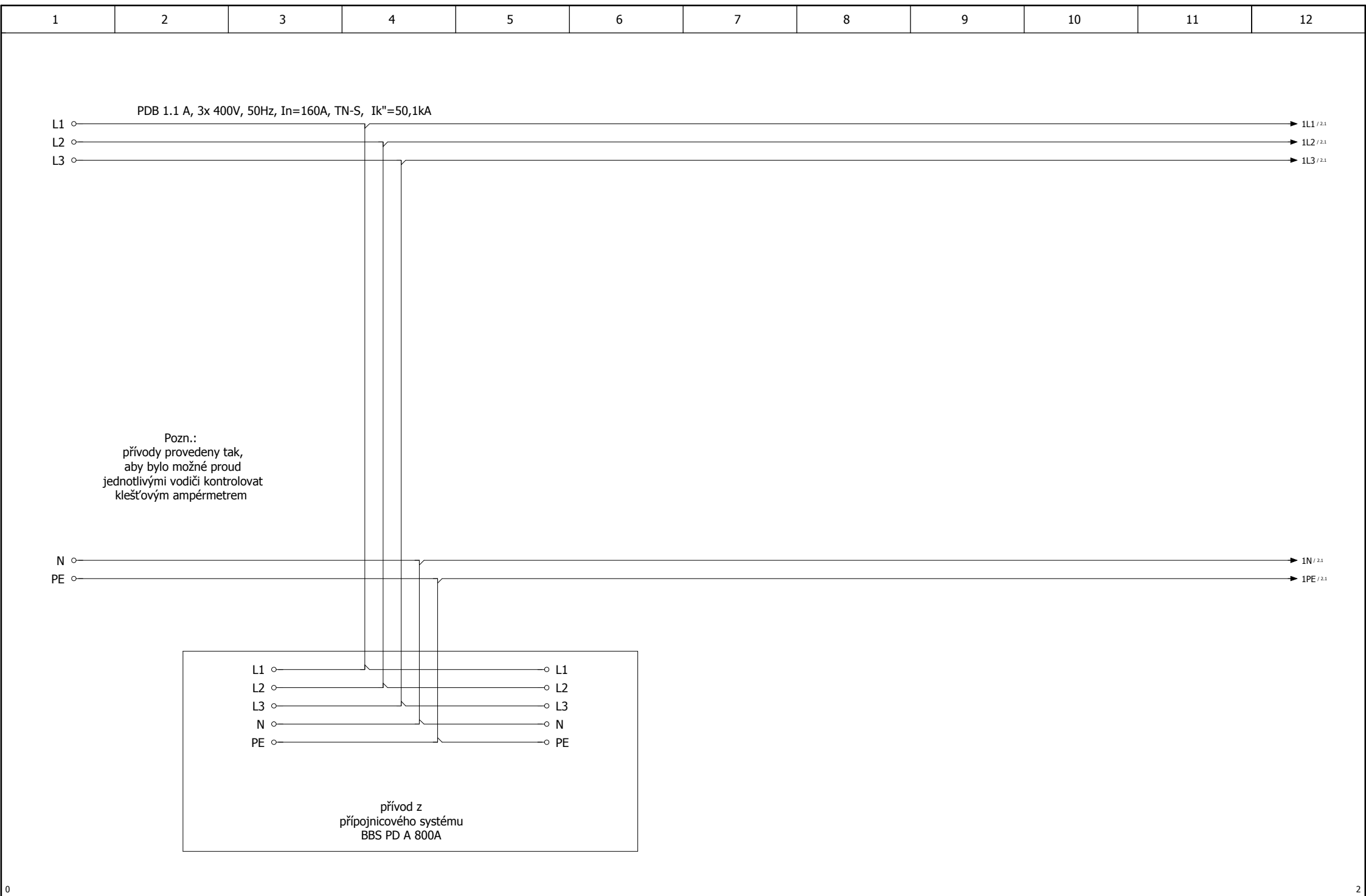


R-IT 6A

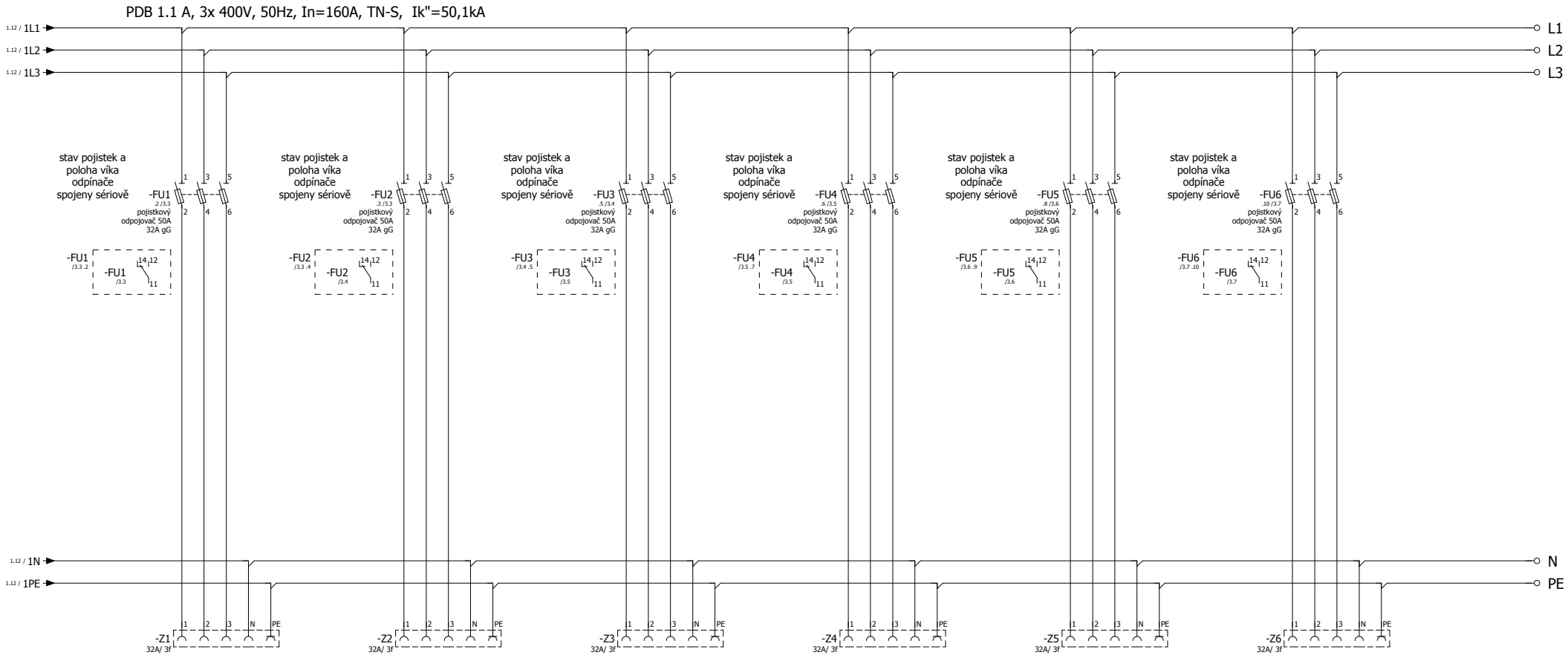


Pozn. 1:
označení rozvodnic PDB x.y.z:
x {1, 2, 3, 4, 5}
y {1, 2, 3, 4, 5}
z {A, B}

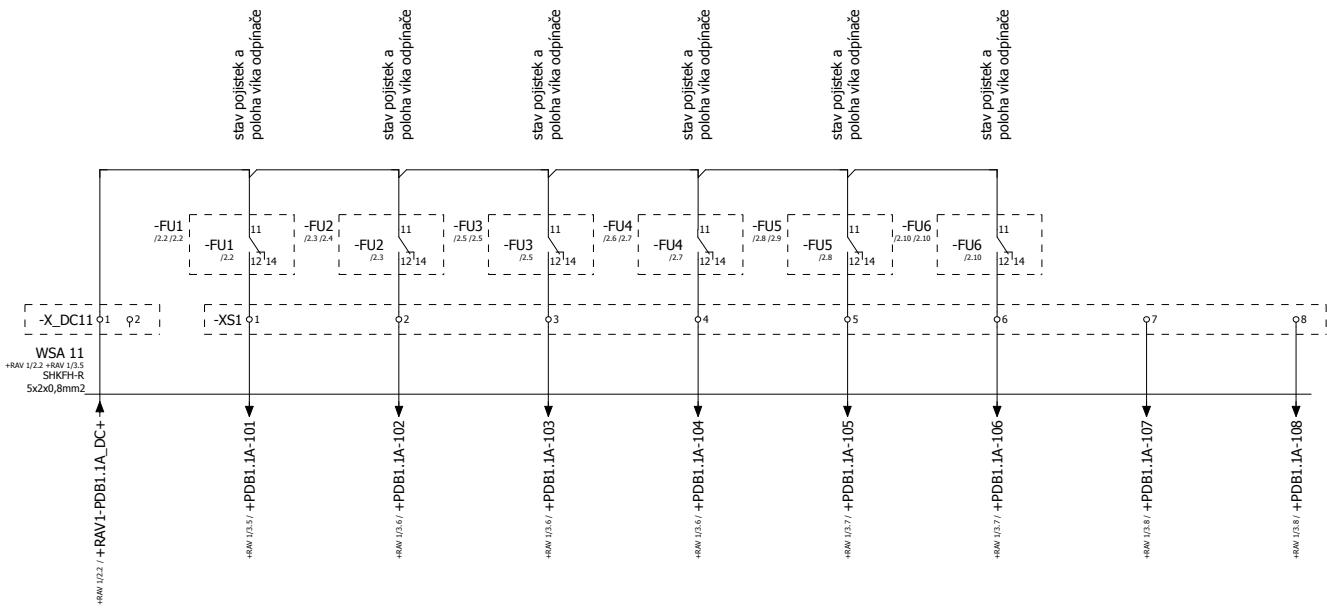




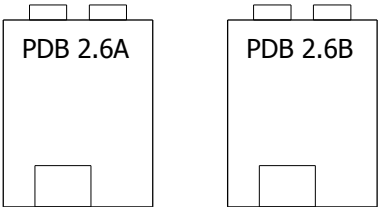
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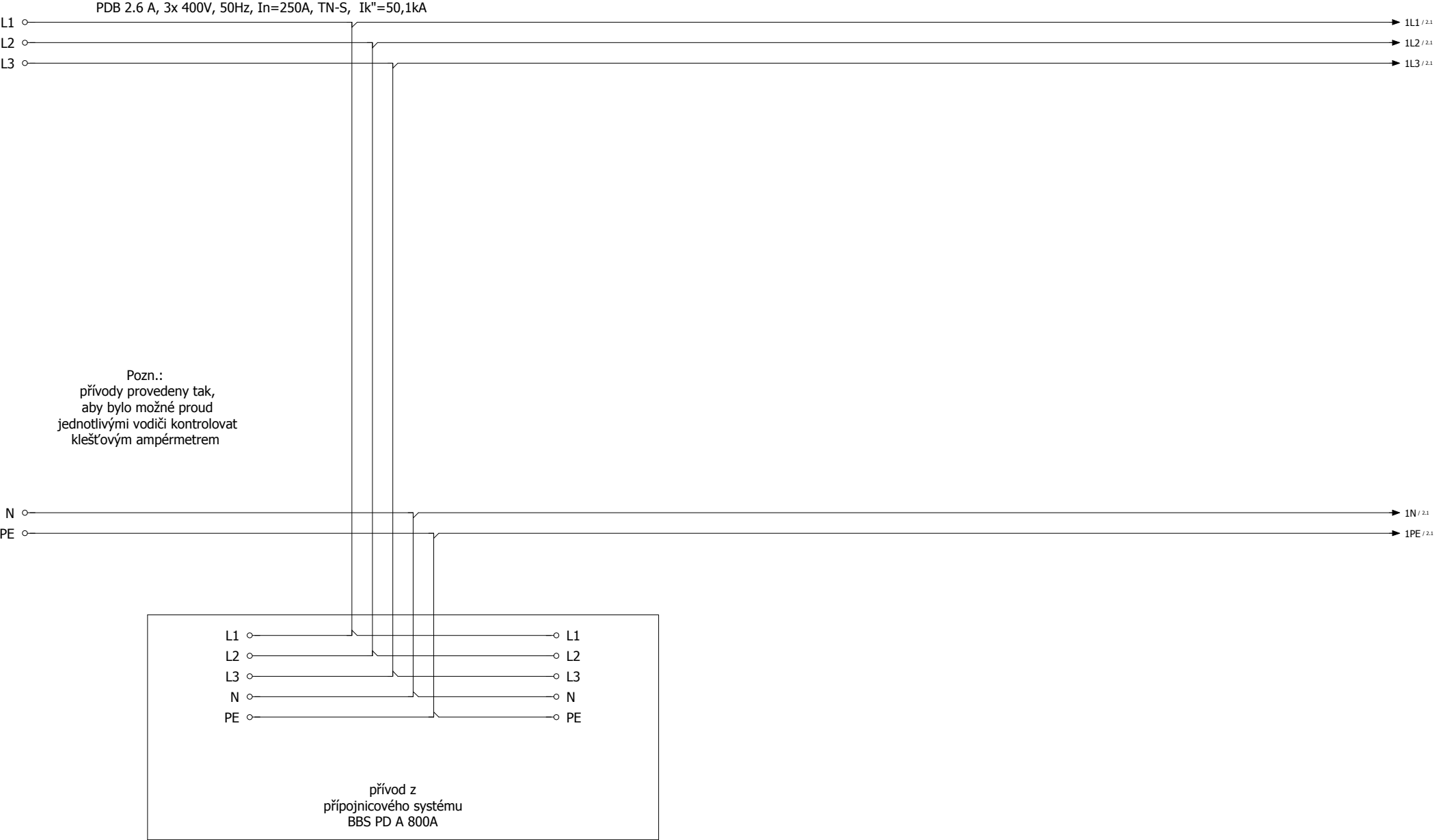


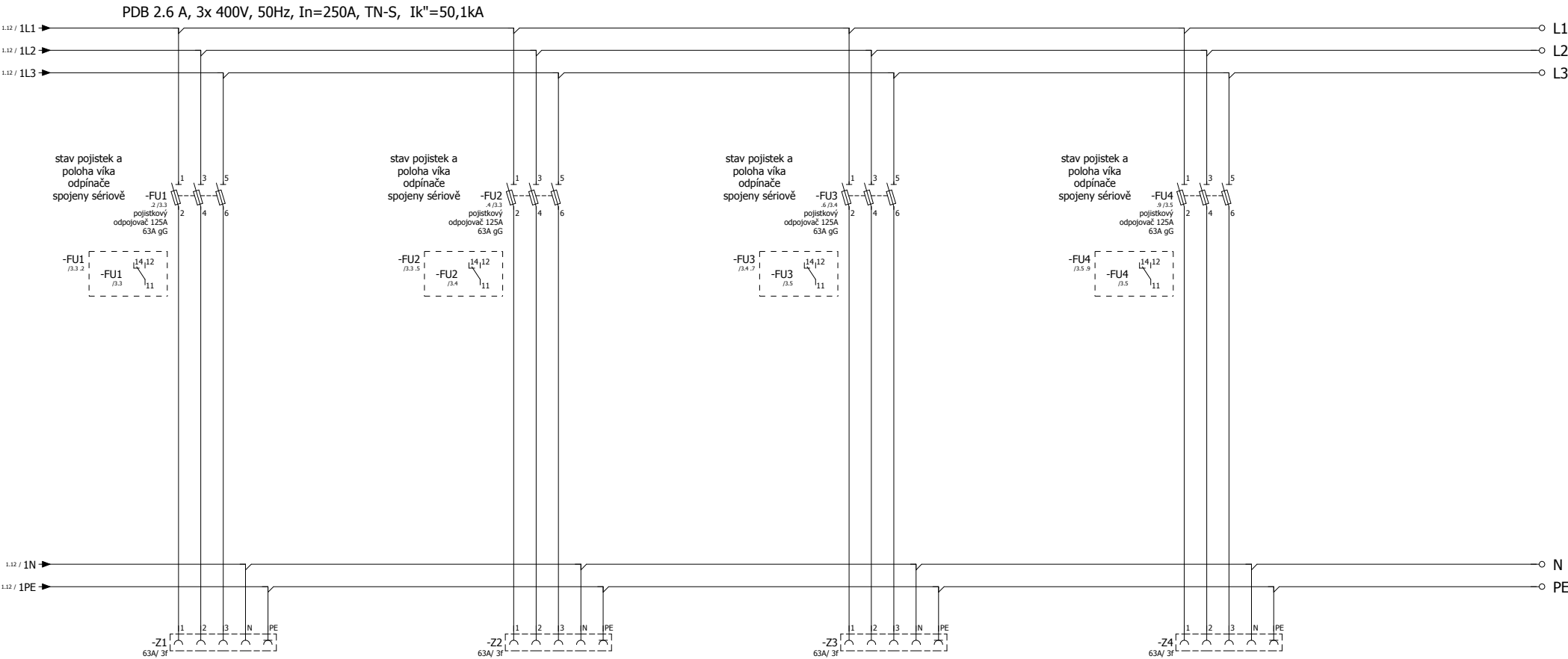
Pozn.:
zásuvky umístěny
na 1 čele rozvodnice



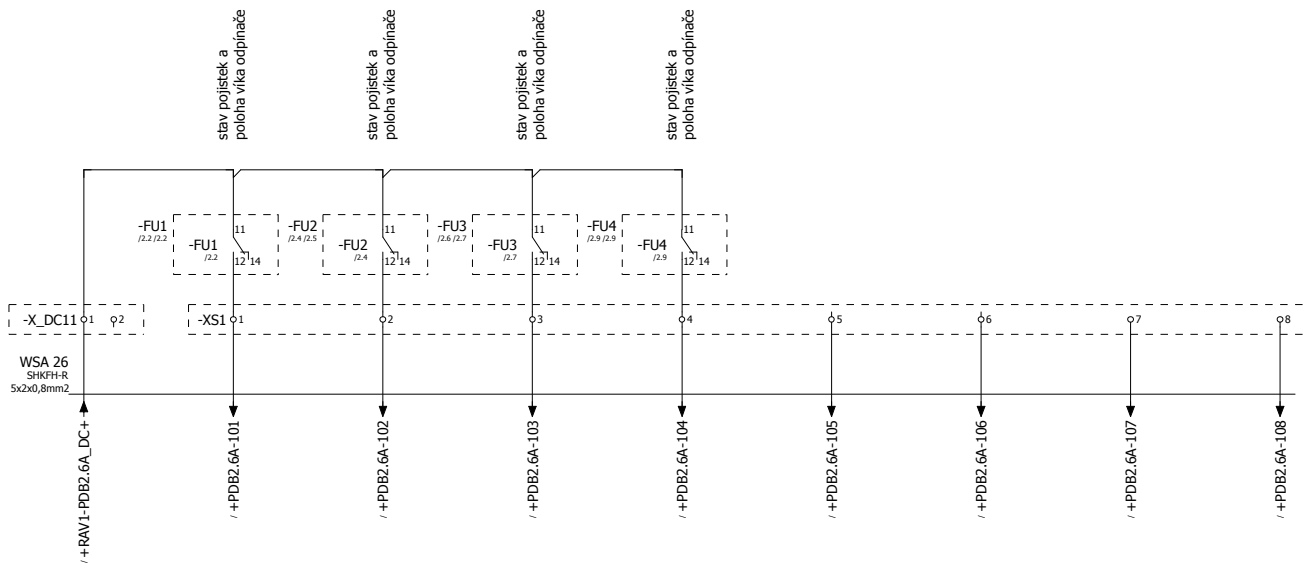
Pozn. 1:
označení rozvodnic PDB 2.6z:
z {A, B}



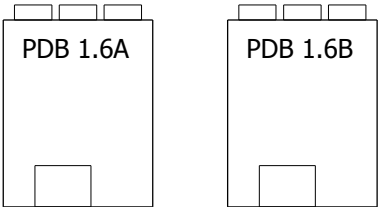




Pozn.:
zásuvky umístěny
na 1 čele rozvodnice



Pozn. 1:
označení rozvodnic PDB 1.6z:
z {A, B}



+PDB 2.6A 63A/3F/3

SUPERPOČÍTAČOVÉ CENTRUM IT4INNOVATIONS	
A4	2014

Kreslil:	Ing. Aleš Vyskočil
Datum:	
Kontroloval:	Ing. Aleš Vyskočil
Schválil:	Ing. Milan Egart

Národní superpočítačové centrum IT4I	
Studentská 6231/1B	
708 33	Ostrava - Poruba

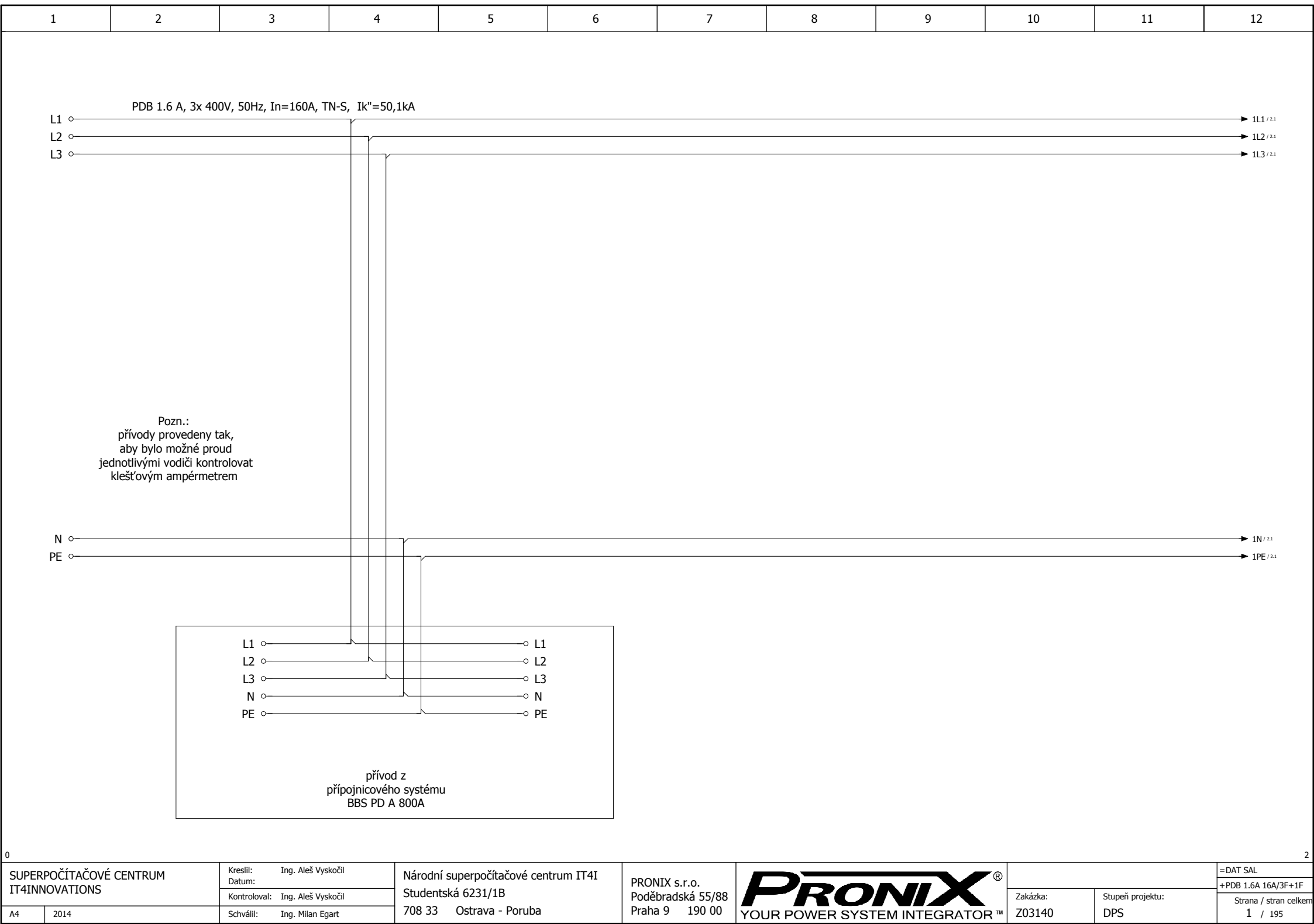
PRONIX s.r.o.	
Poděbradská 55/88	
Praha 9	190 00

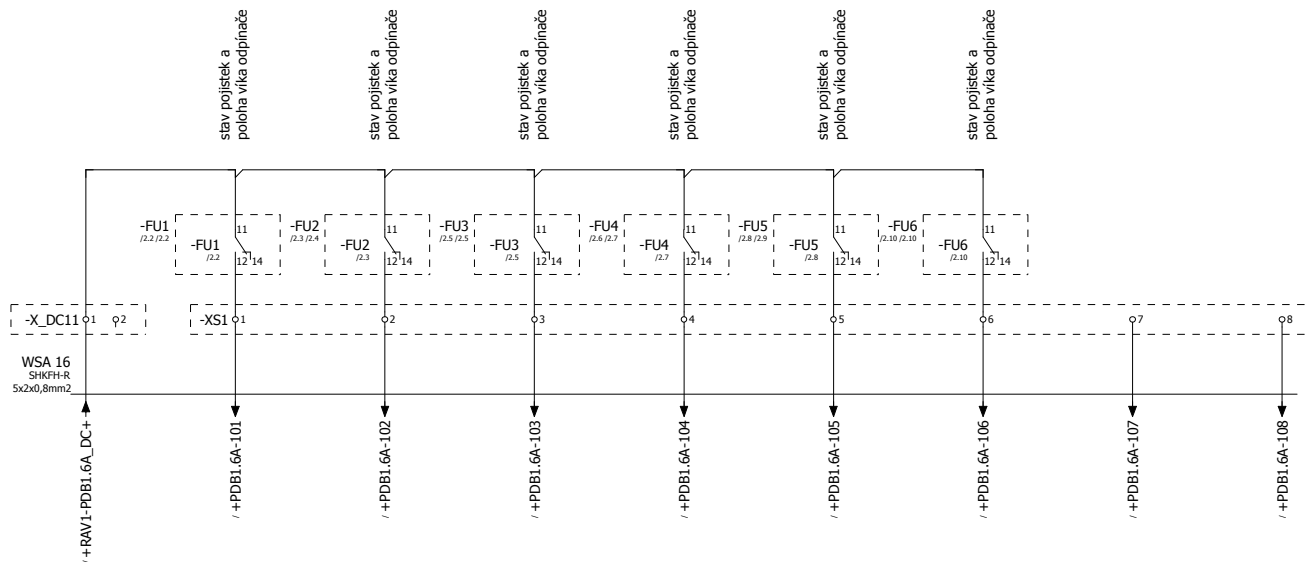


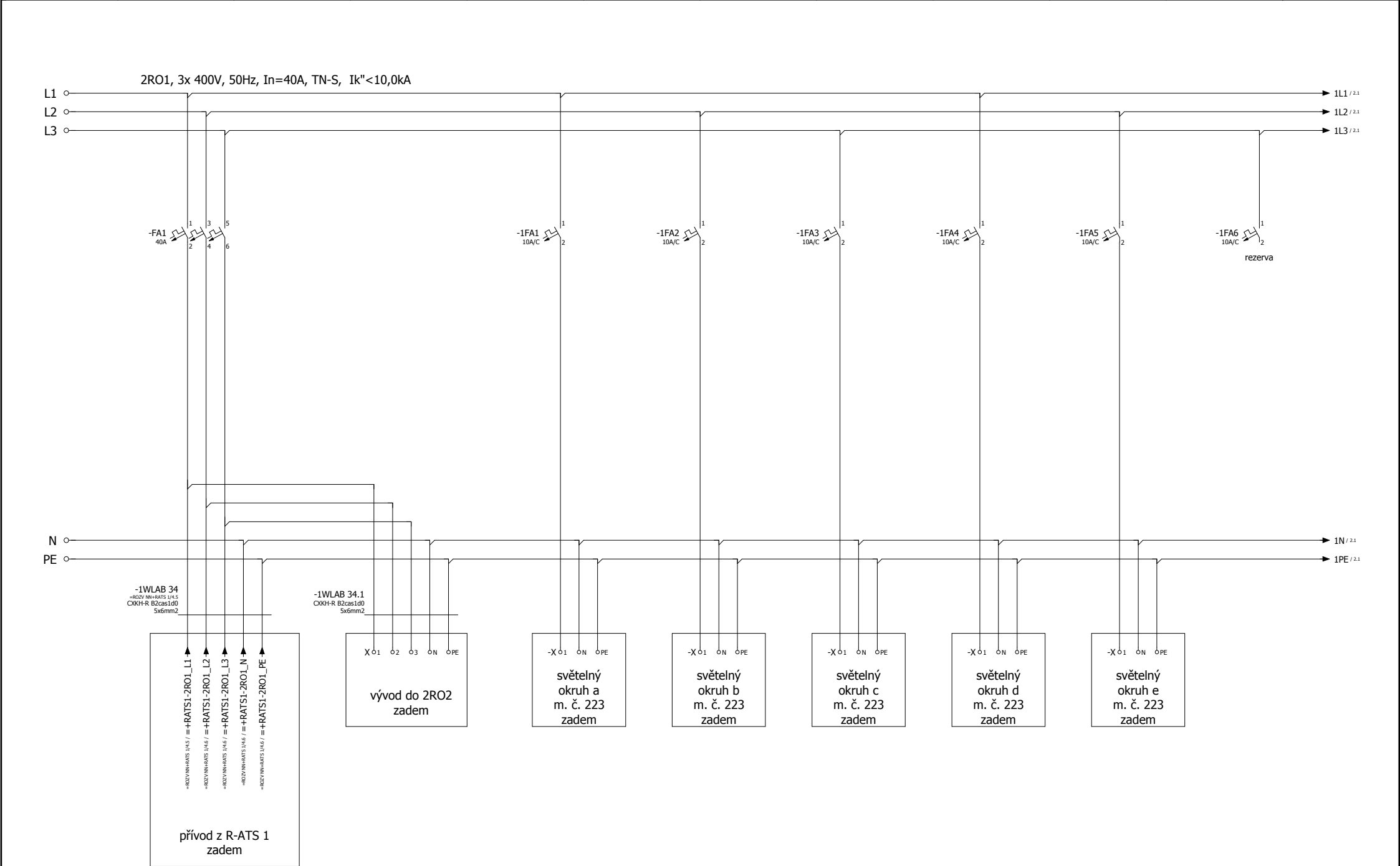
PRONIX[®]
YOUR POWER SYSTEM INTEGRATOR™

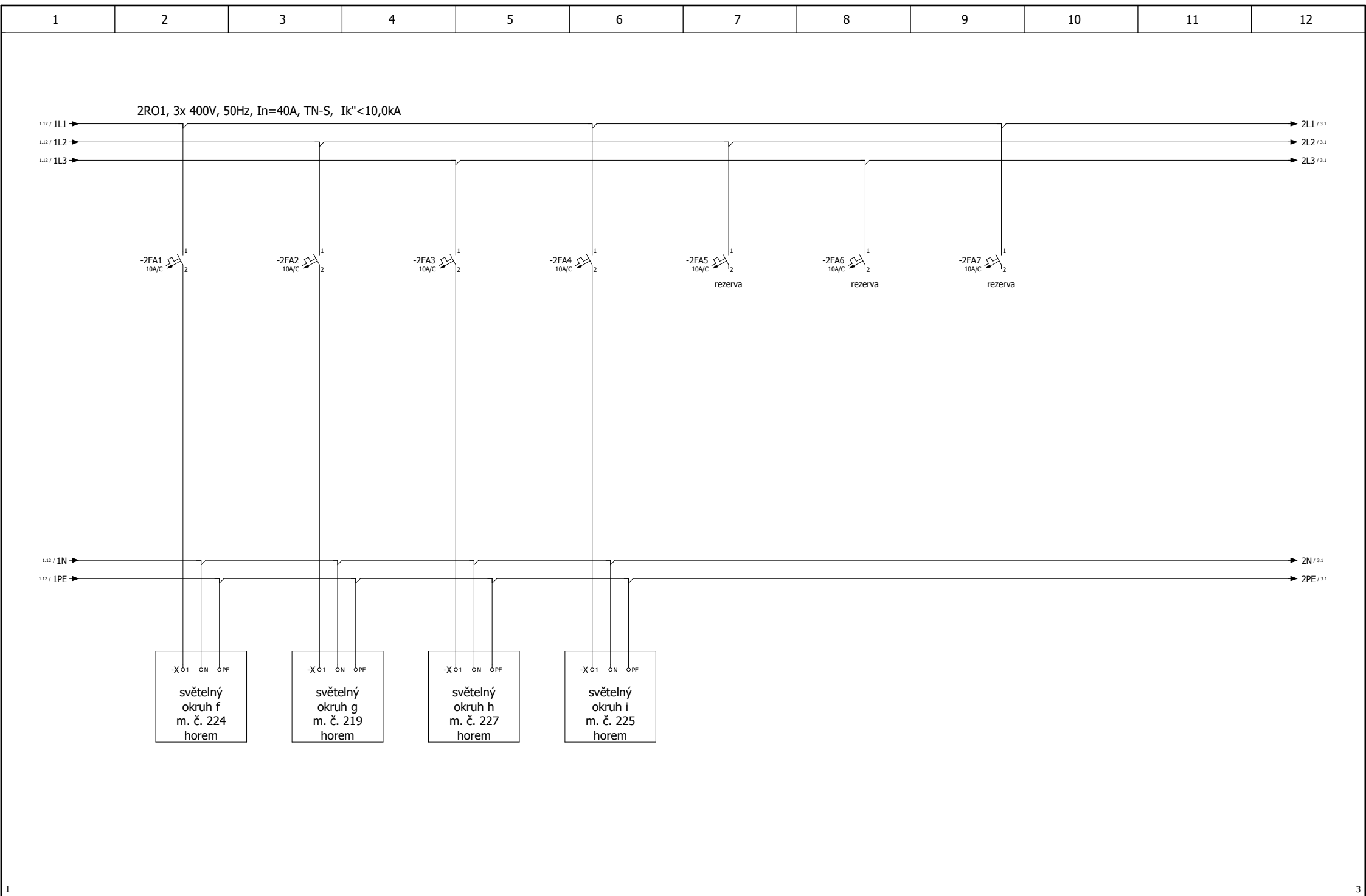
Zakázka:		Stupeň projektu:	
Z03140		DPS	

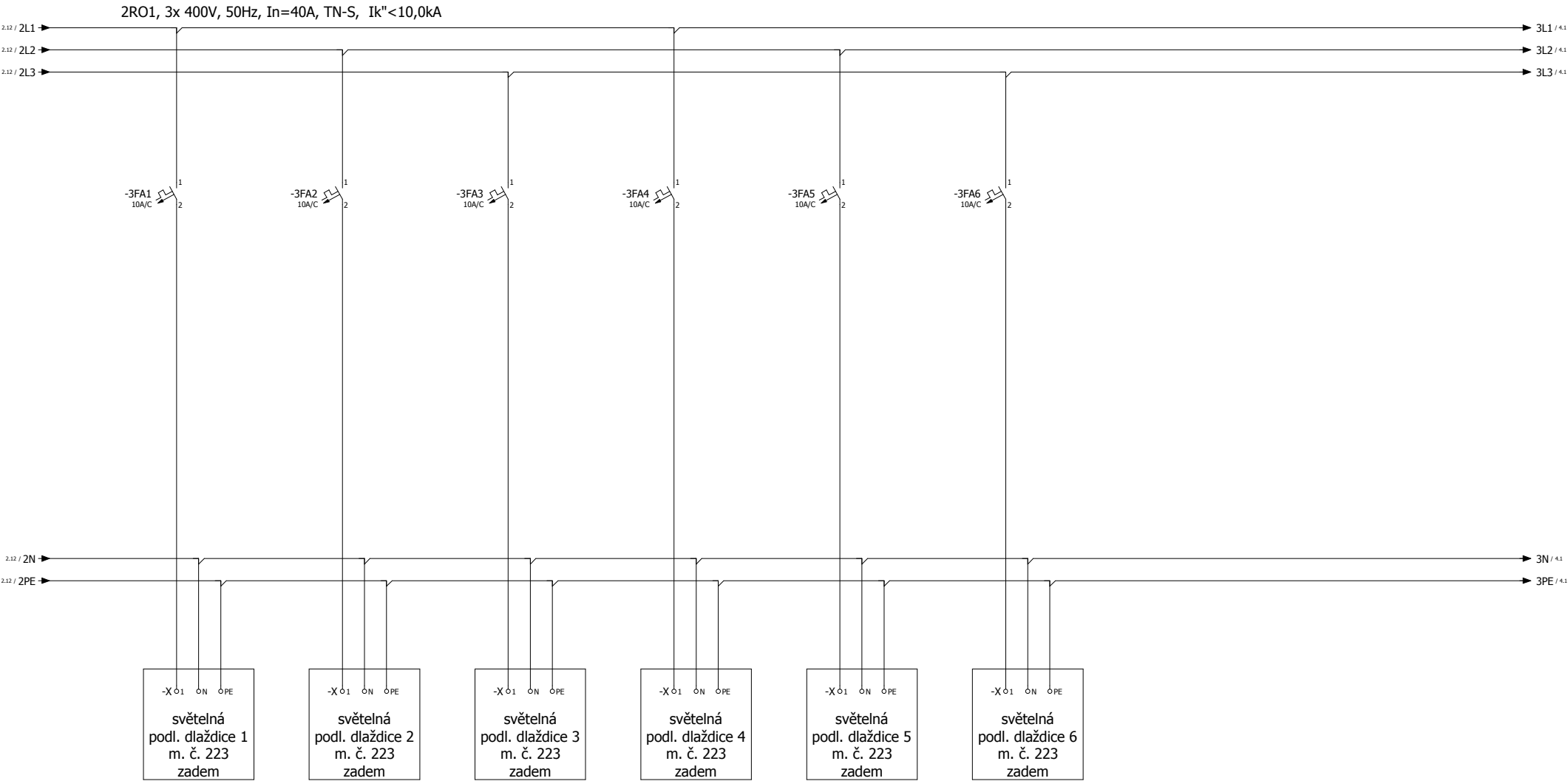
=DAT SAL
+PDB 1.6A 16A/3F+1F
Strana / stran celkem
0 / 195

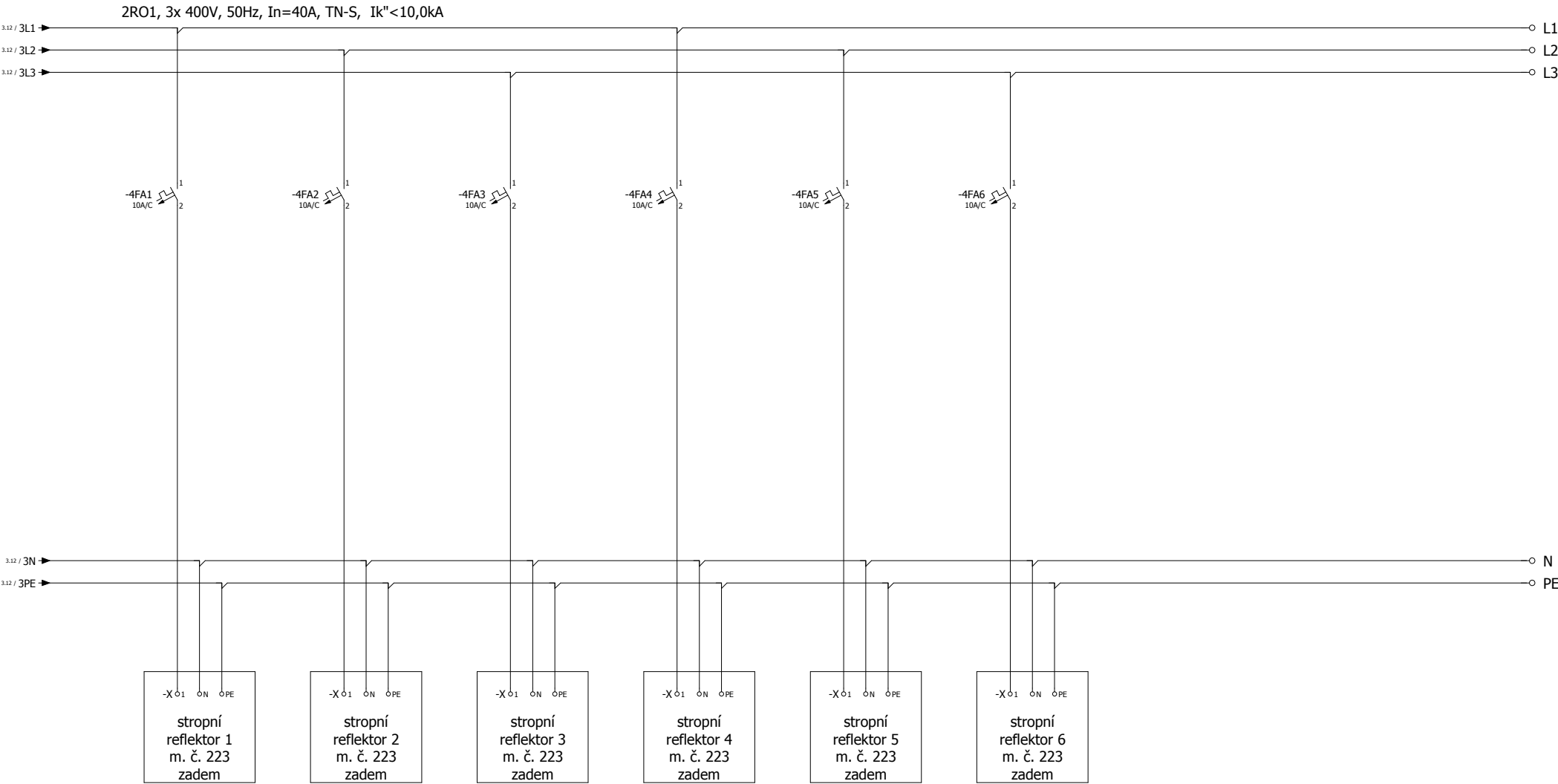


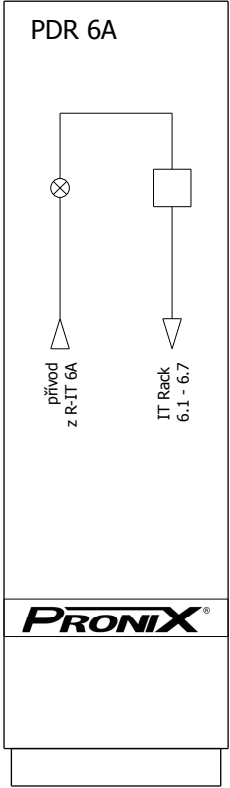




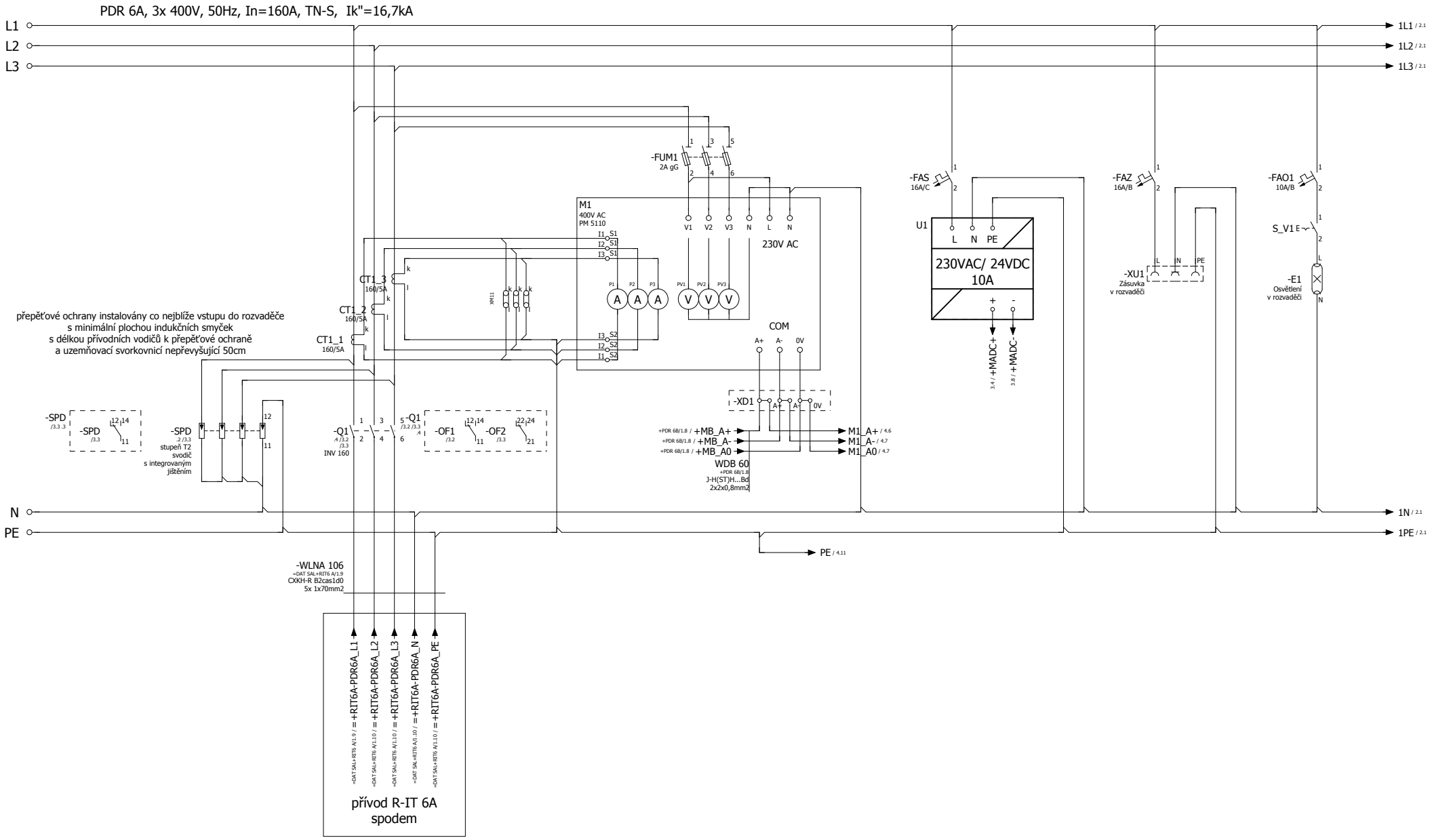






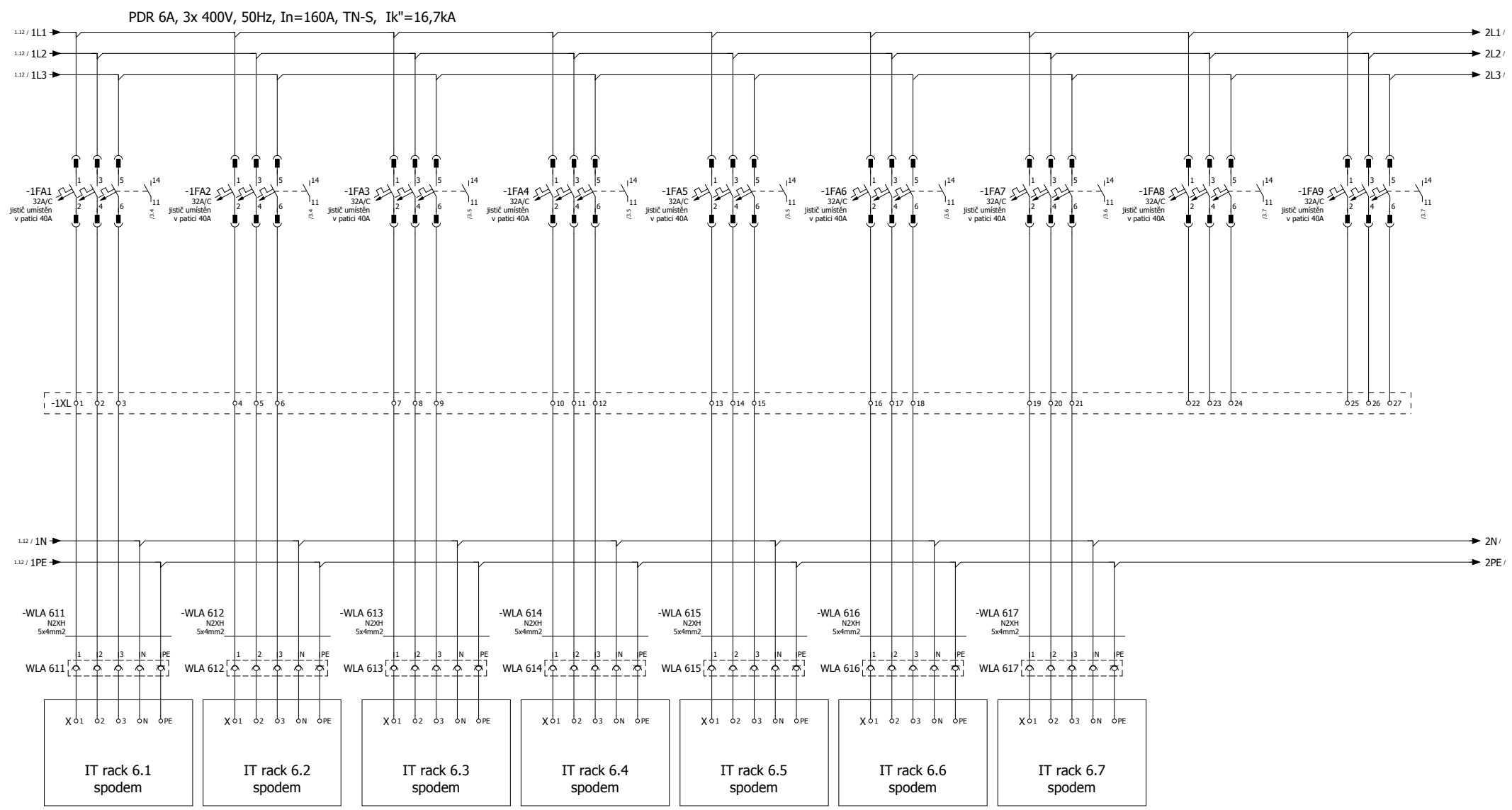


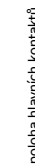
Pozn.:
Osa multimetru 1600mm od S.H. rozvaděče.



1	2	3	4	5	6	7	8	9	10	11	12
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Pozn.: propoje jsou
vydrátovány na 32A





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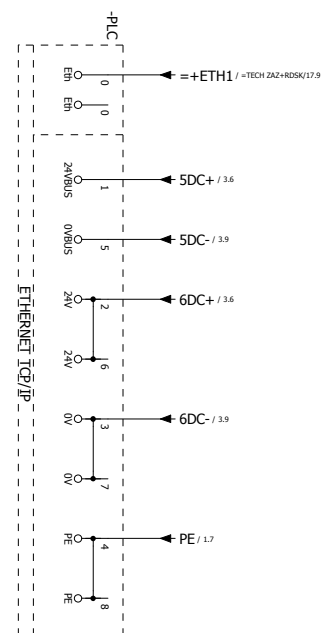
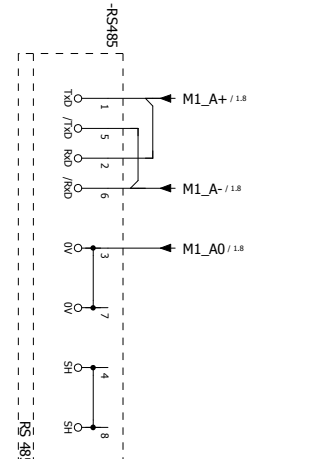
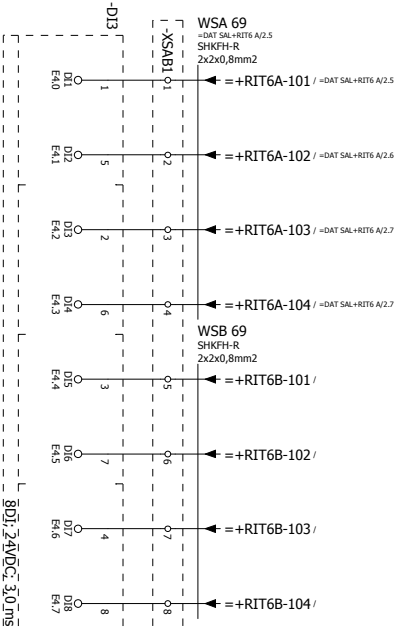
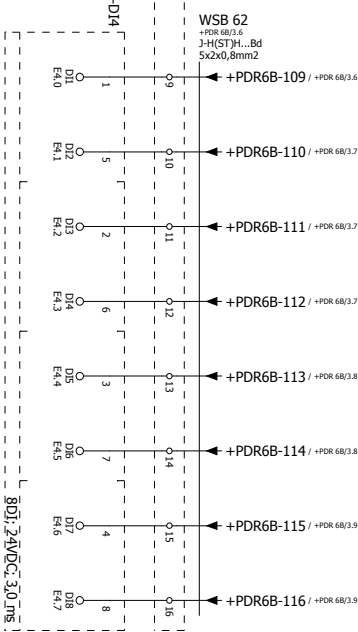
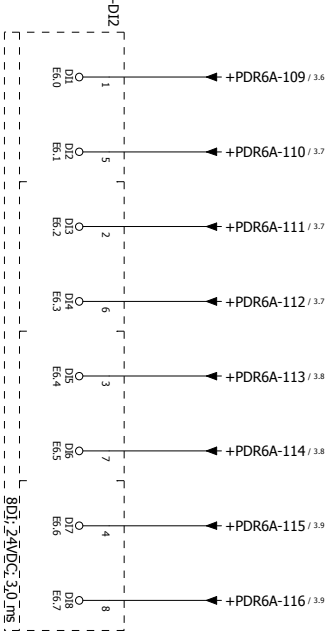
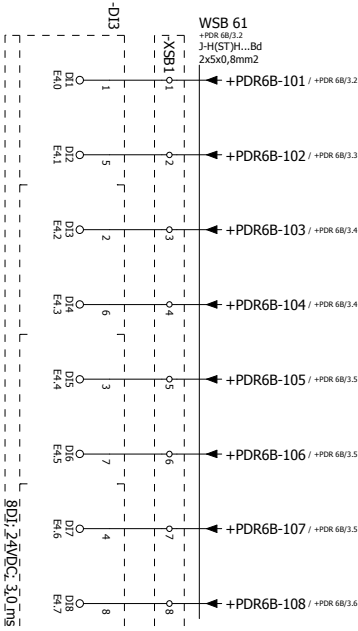
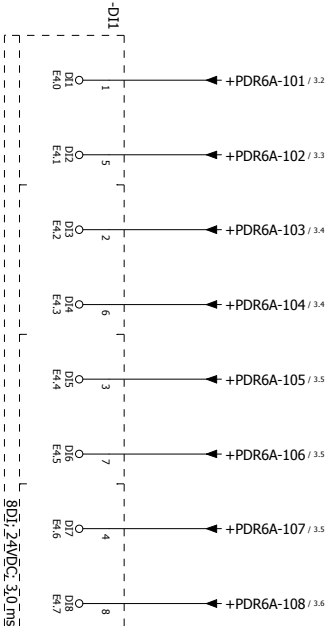
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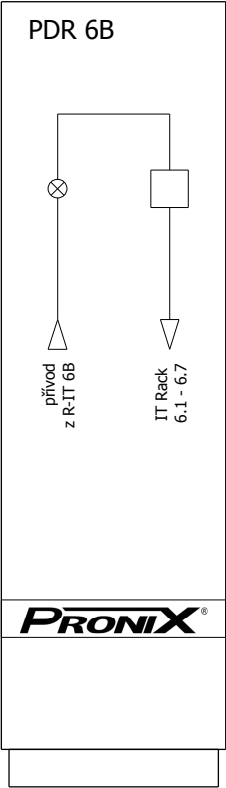
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12



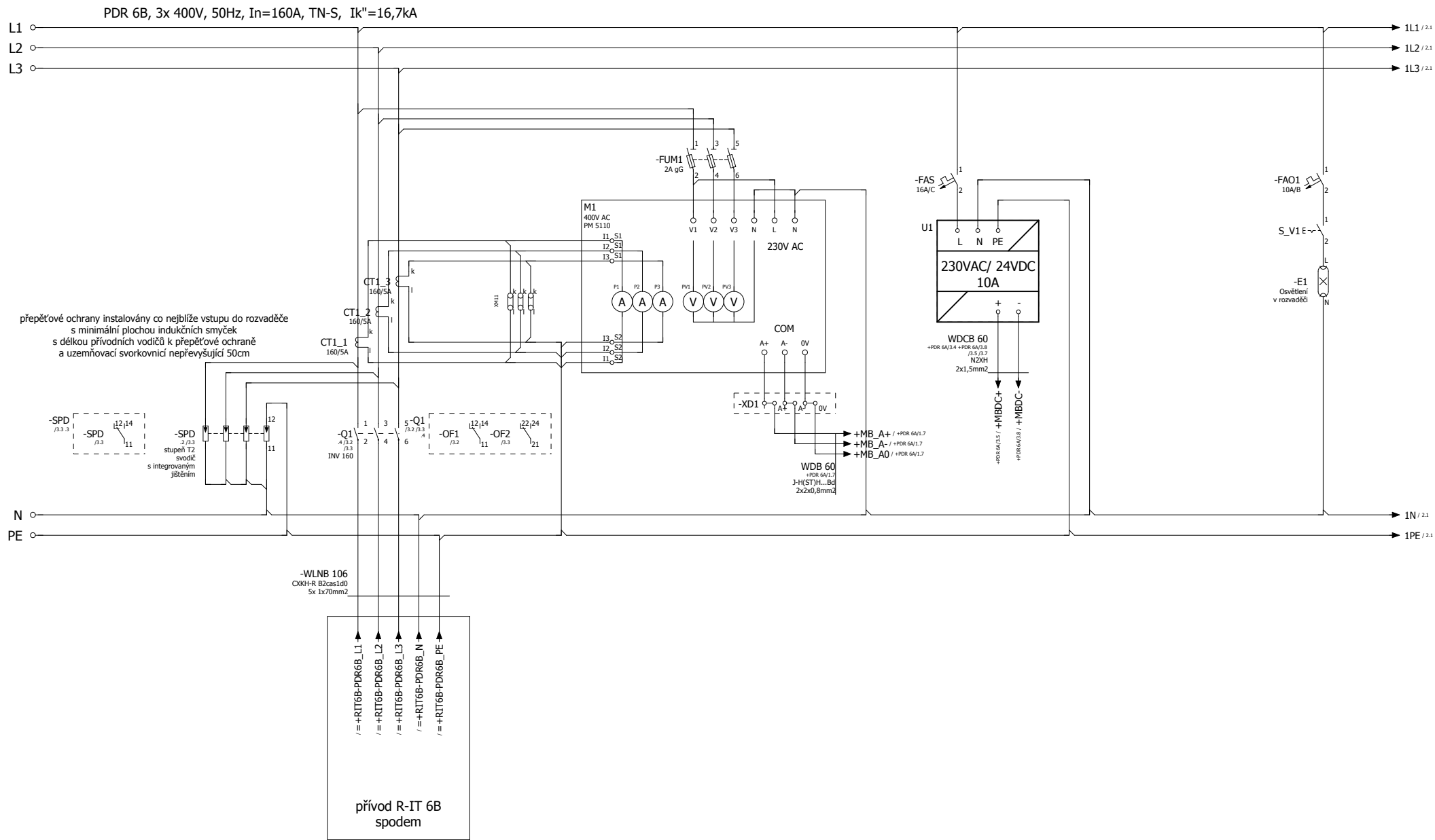
+PDR 6B/0

SUPERPOČÍTAČOVÉ CENTRUM IT4INNOVATIONS		Kreslil: Ing. Aleš Vyskočil Datum:		Národní superpočítačové centrum IT4I Studentská 6231/1B 708 33 Ostrava - Poruba		PRONIX s.r.o. Poděbradská 55/88 Přaha 9 190 00		Zakázka: Z03140		Stupeň projektu: DPS		=KOL +PDR 6A	
A4	2014	Schválil: Ing. Milan Egart										Strana / stran celkem 4 / 195	



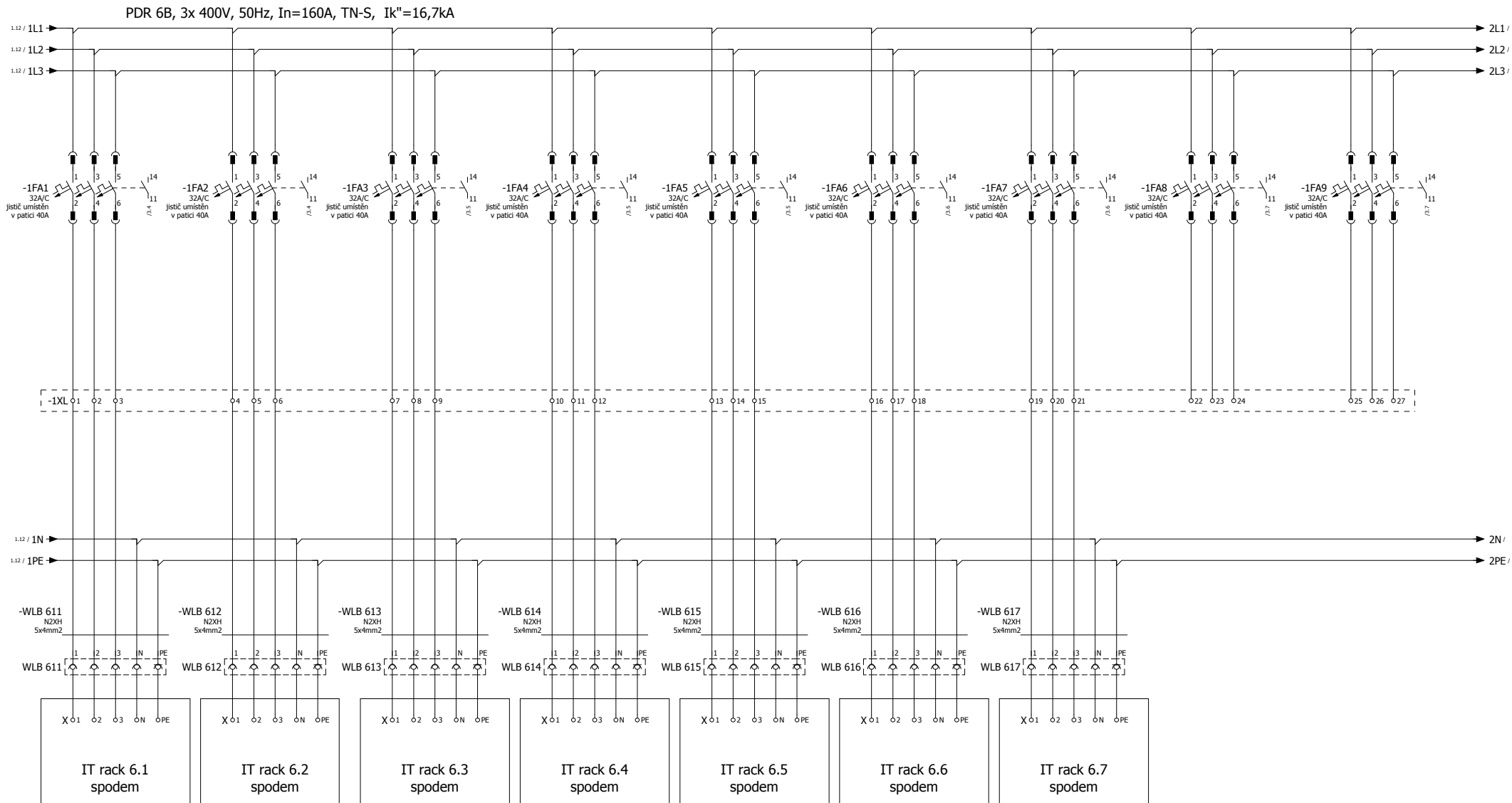
Pozn.:
Osa multimetru 1600mm od S.H. rozvaděče.


+PDR 6A/4

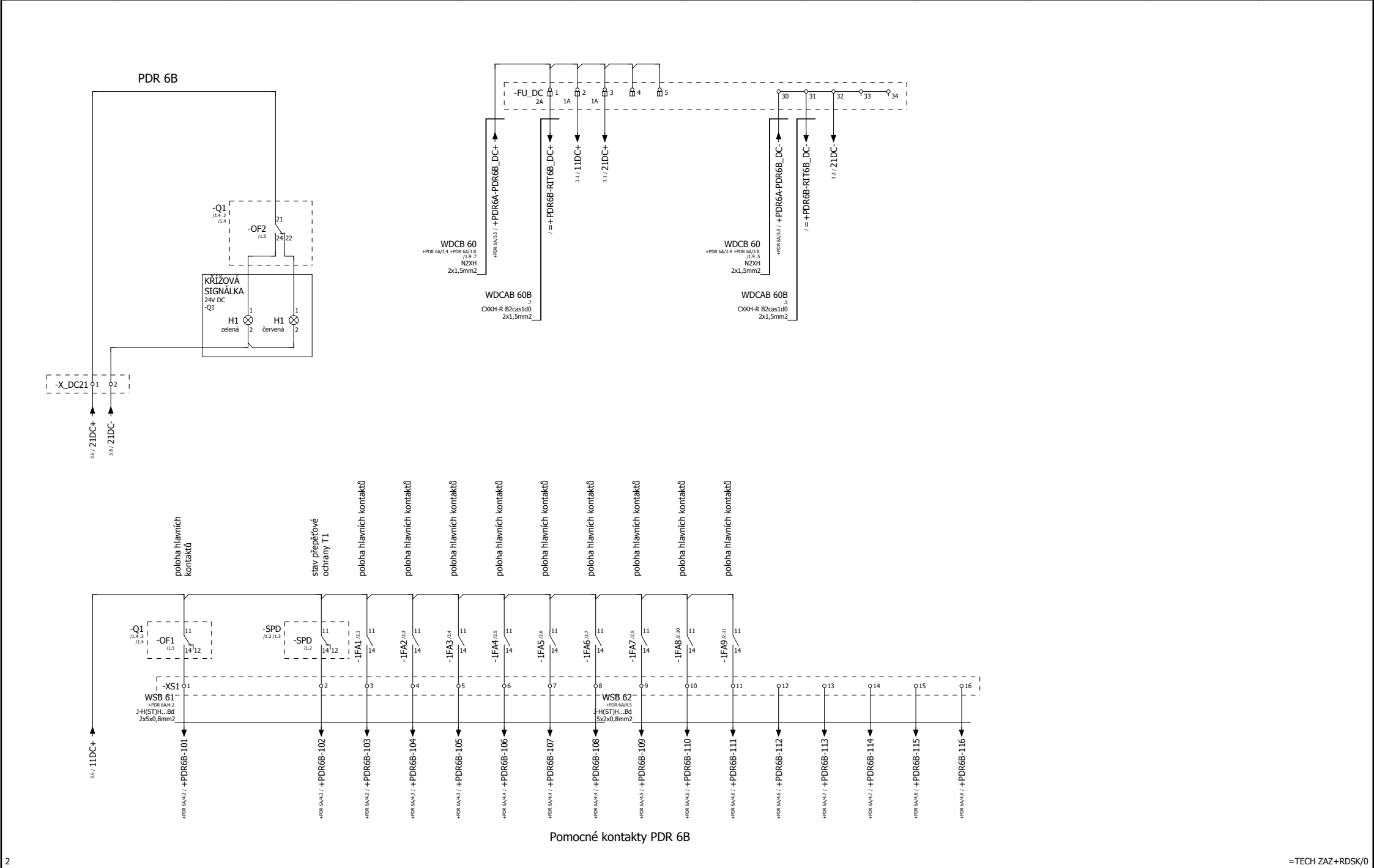


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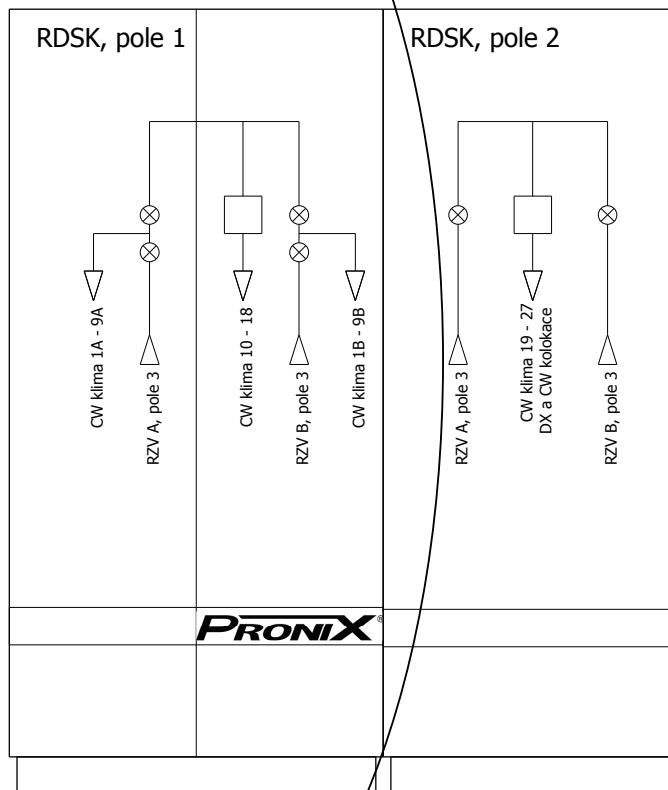
Pozn.: propoje jsou
vydrátovány na 32A



SUPERPOČÍTAČOVÉ CENTRUM IT4INNOVATIONS		Kreslil: Ing. Aleš Vyskočil	Národní superpočítačové centrum IT4I Studentská 6231/1B 708 33 Ostrava - Poruba	PRONIX s.r.o. Poděbradská 55/88 Praha 9 190 00				=KOL	
		Datum:							+PDR 6B
		Kontroloval: Ing. Aleš Vyskočil							Strana / stran celkem 2 / 195
A4	2014	Schválil: Ing. Milan Egart						Zakázka: Z03140	Stupeň projektu: DPS



TLZ 008

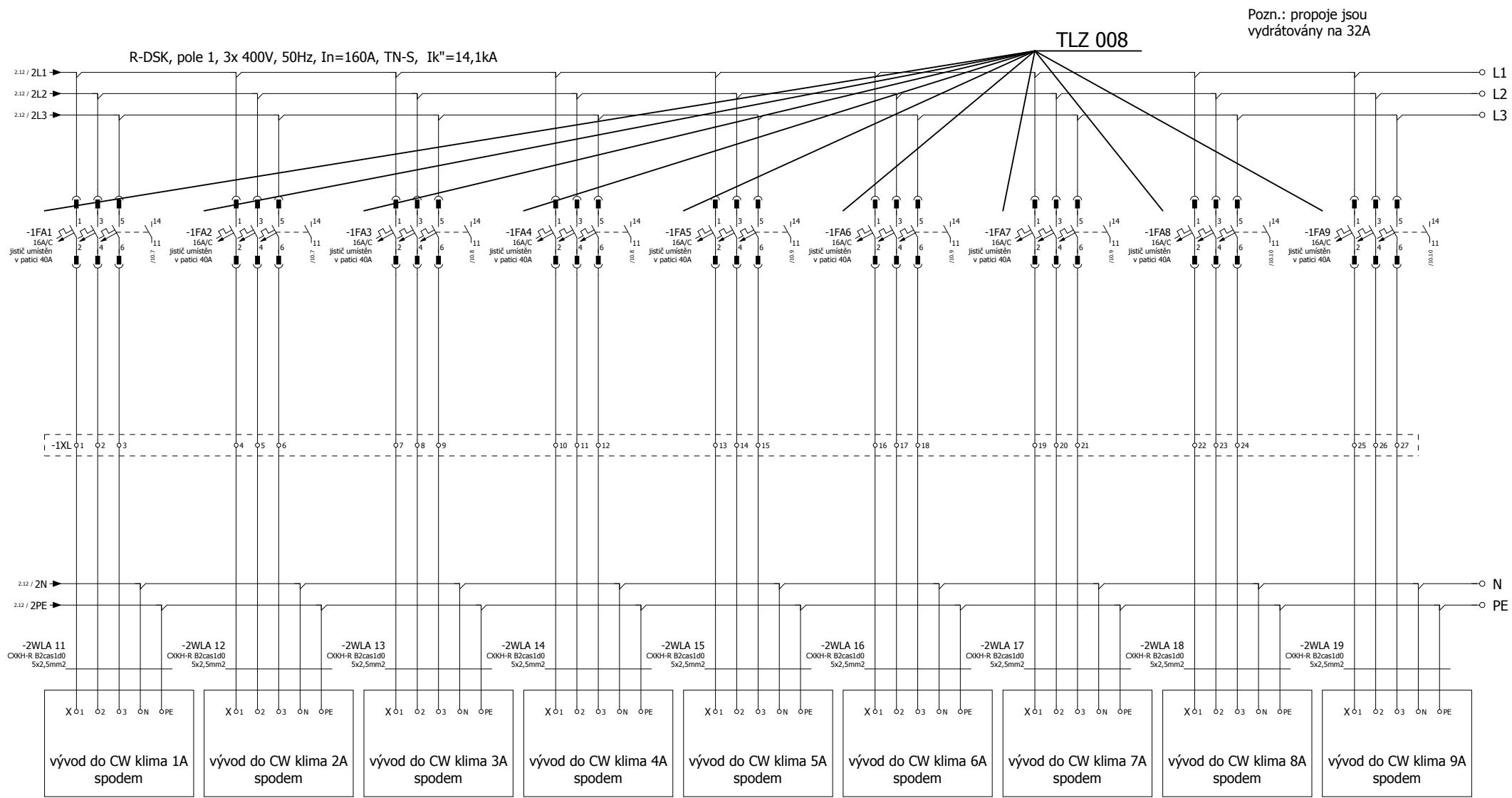


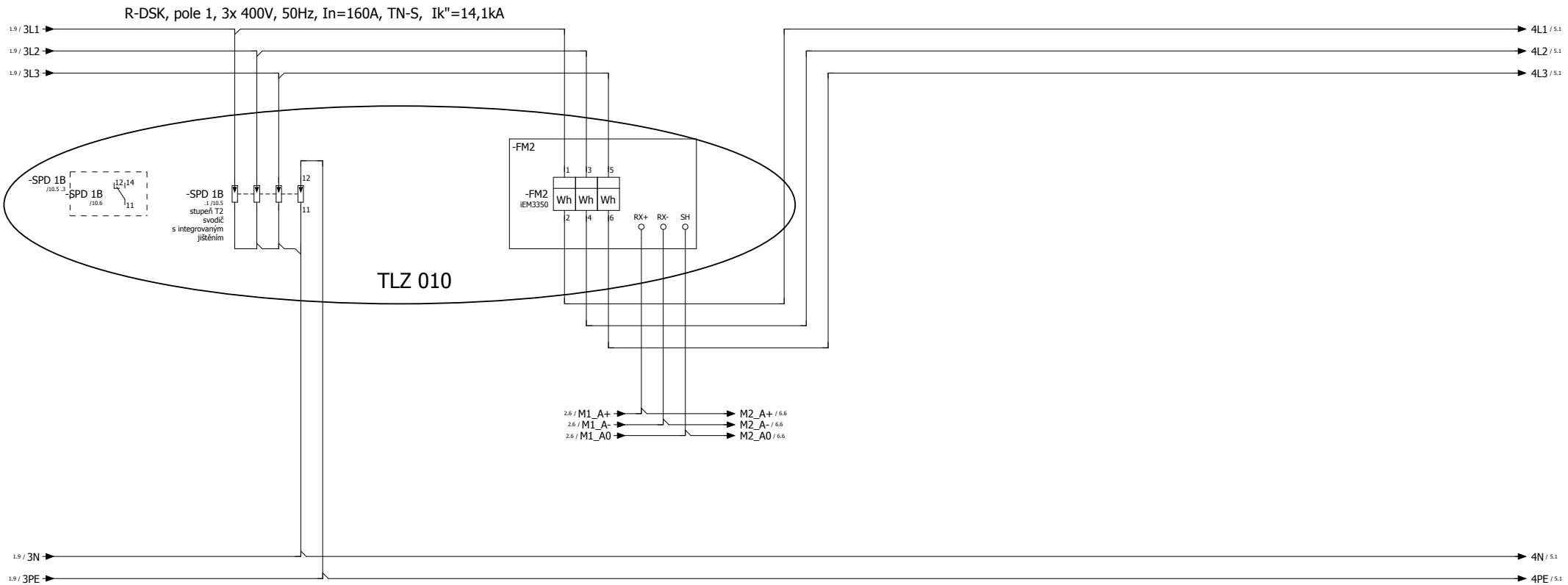
Pozn.:
Osa multimetru 1600mm od S.H. rozvaděče.

=KOL+PDR 6B/3

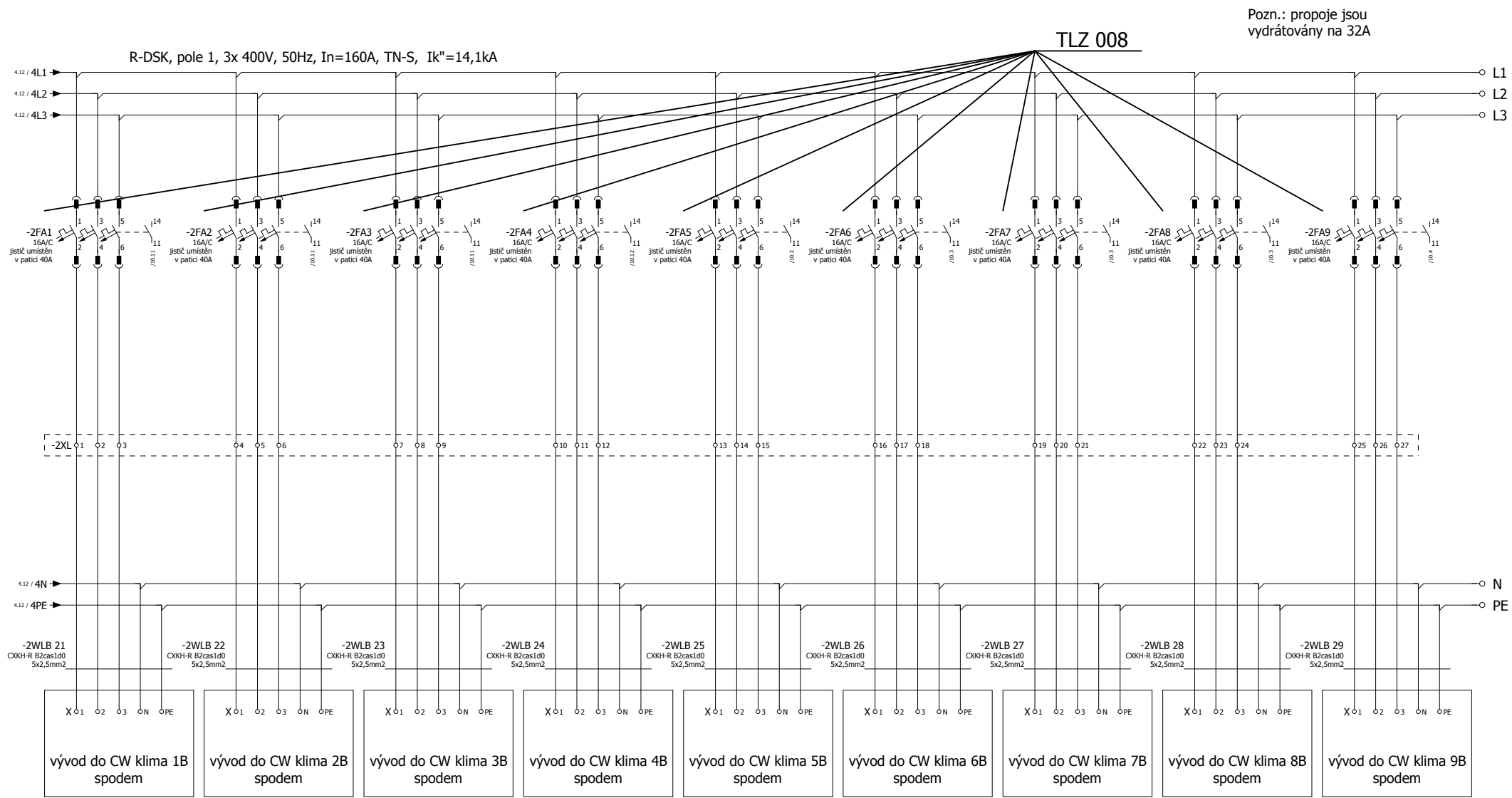


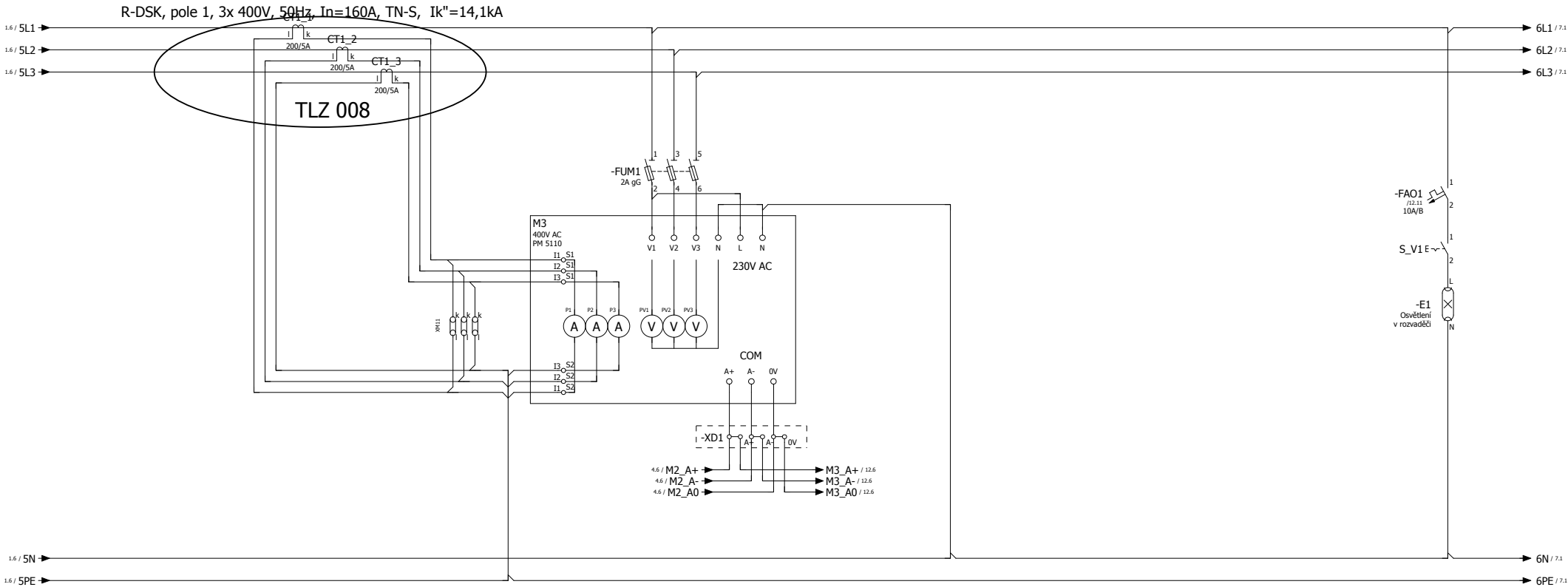
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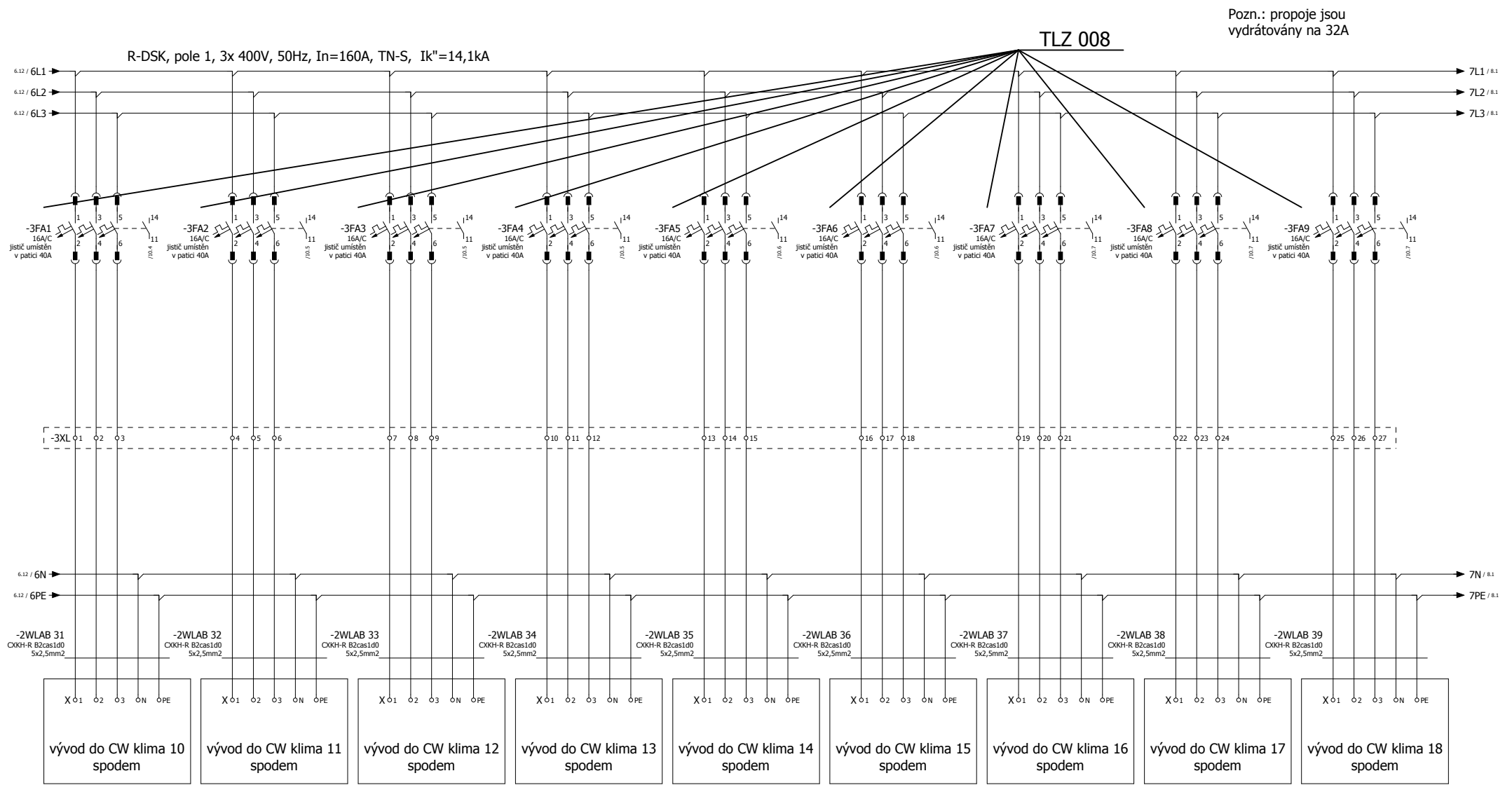


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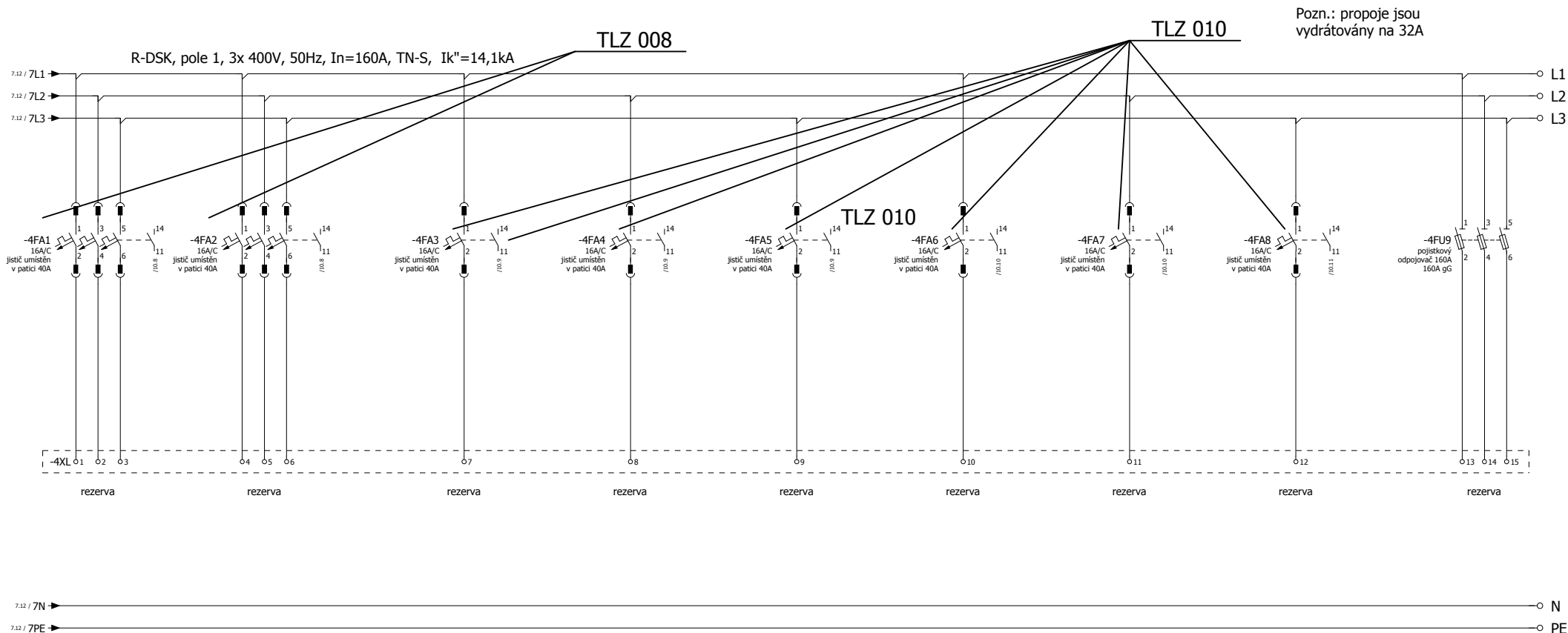




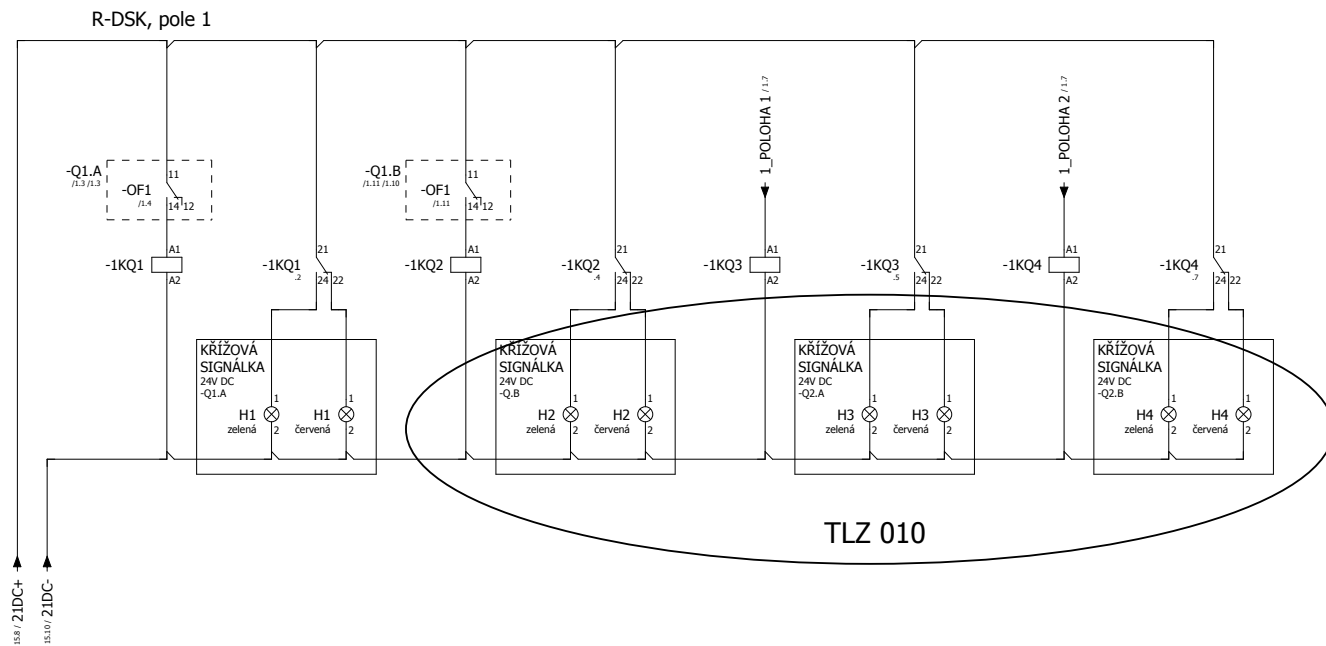
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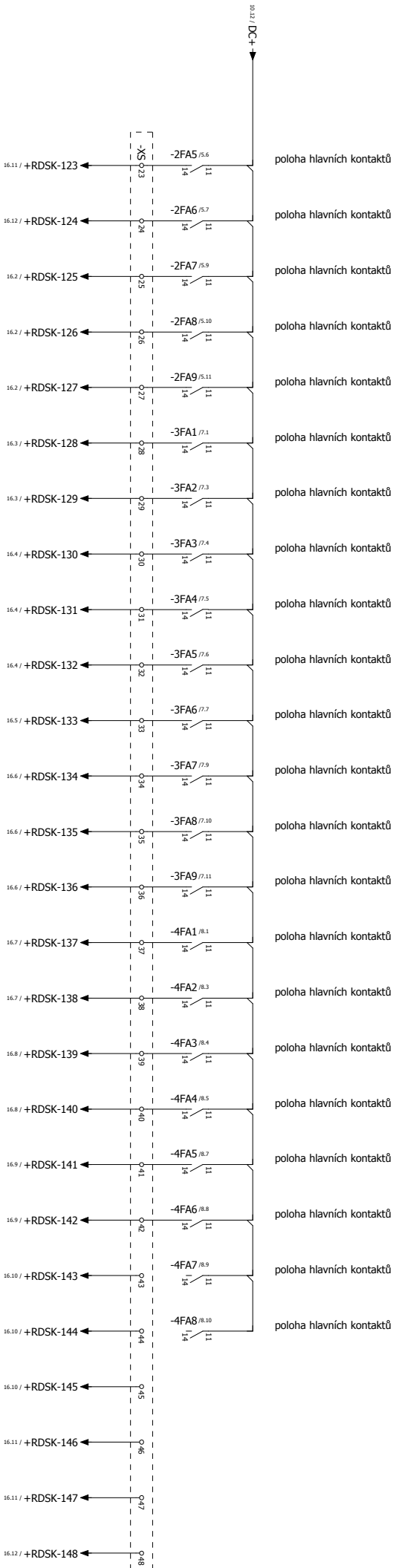
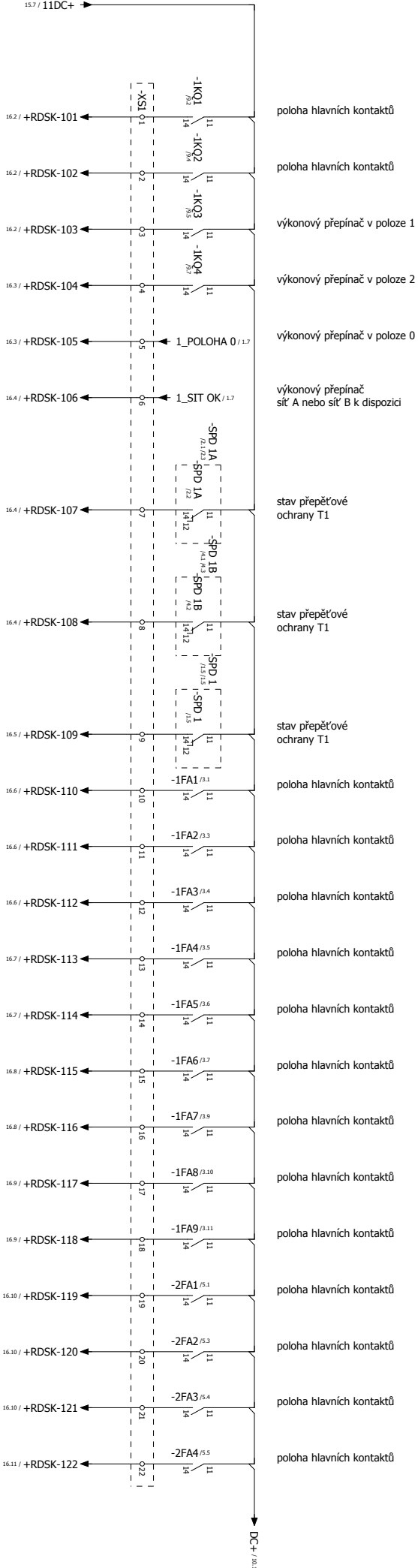


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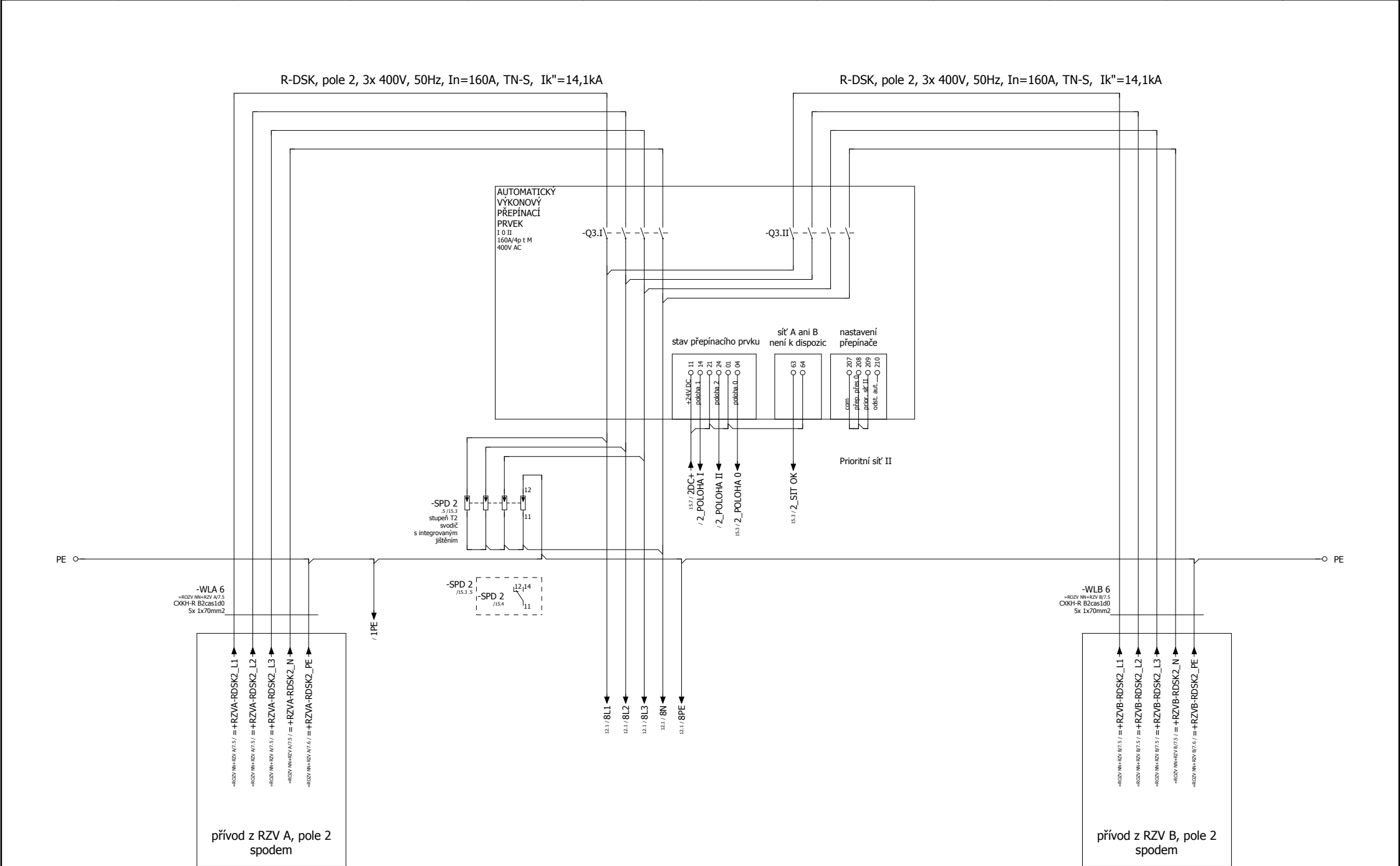


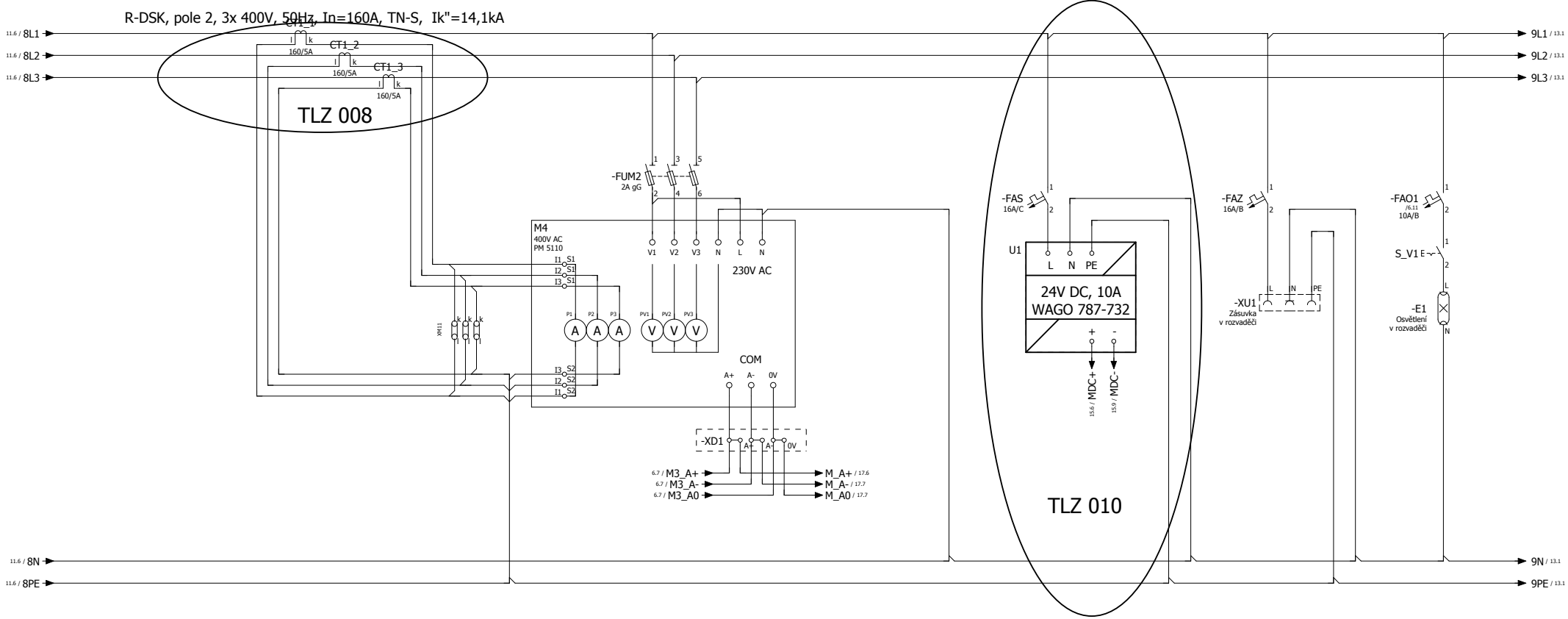
SUPERPOČÍTAČOVÉ CENTRUM IT4INNOVATIONS		Kreslil: Ing. Aleš Vyskočil	Národní superpočítačové centrum IT4I Studentská 6231/1B 708 33 Ostrava - Poruba	PRONIX s.r.o. Poděbradská 55/88 Praha 9 190 00	PRONIX [®] YOUR POWER SYSTEM INTEGRATOR™	Zakázka: Z03140		Stupeň projektu: DPS	=TECH ZAZ +RDSK Strana / stran celkem 8 / 195
		Datum:							
		Kontroloval: Ing. Aleš Vyskočil							
A4	2014	Schválil: Ing. Milan Egart							



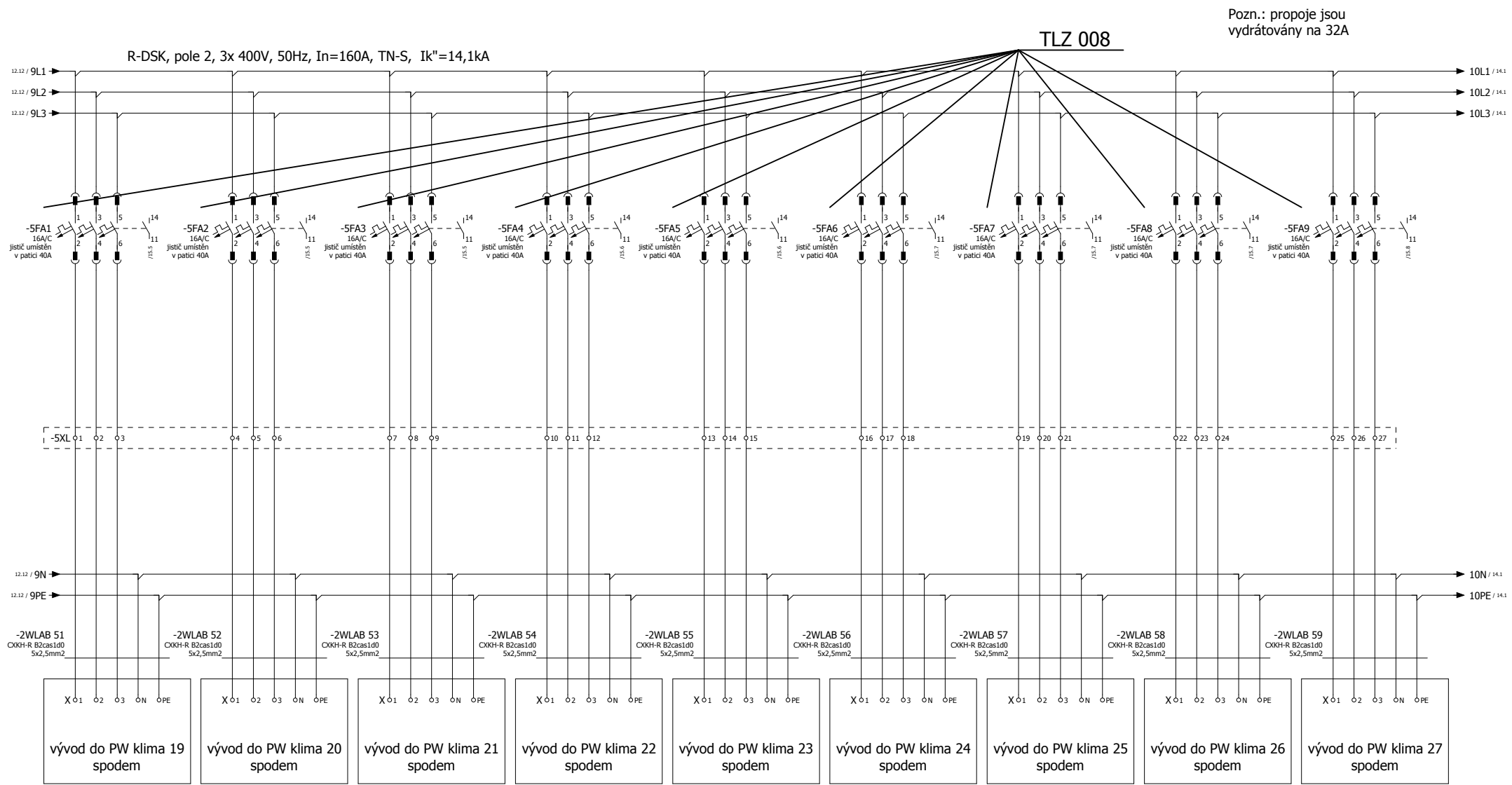


Pomocné kontakty R-DSK, pole 1

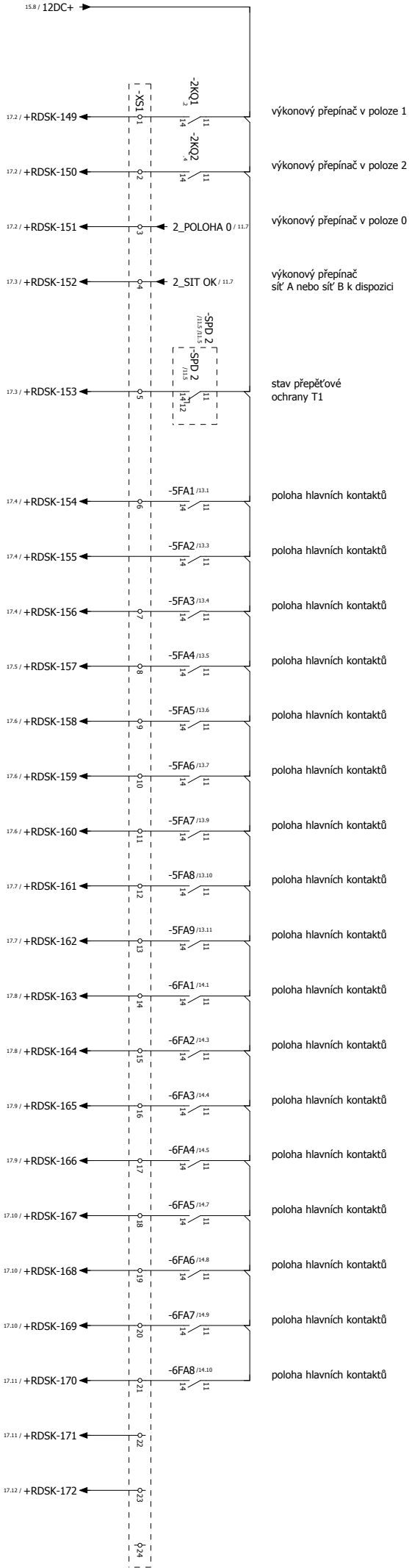
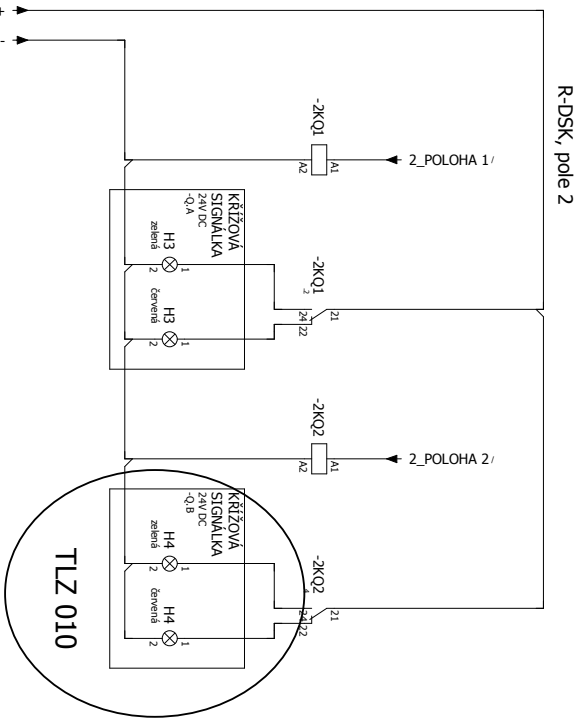
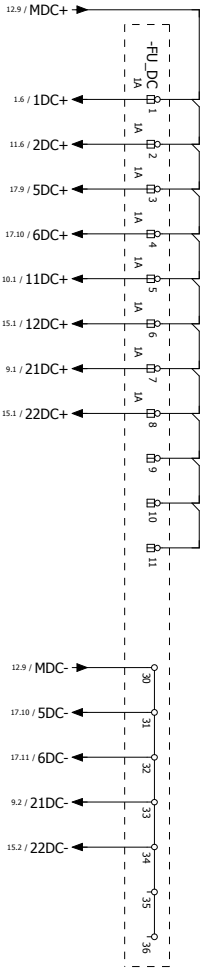




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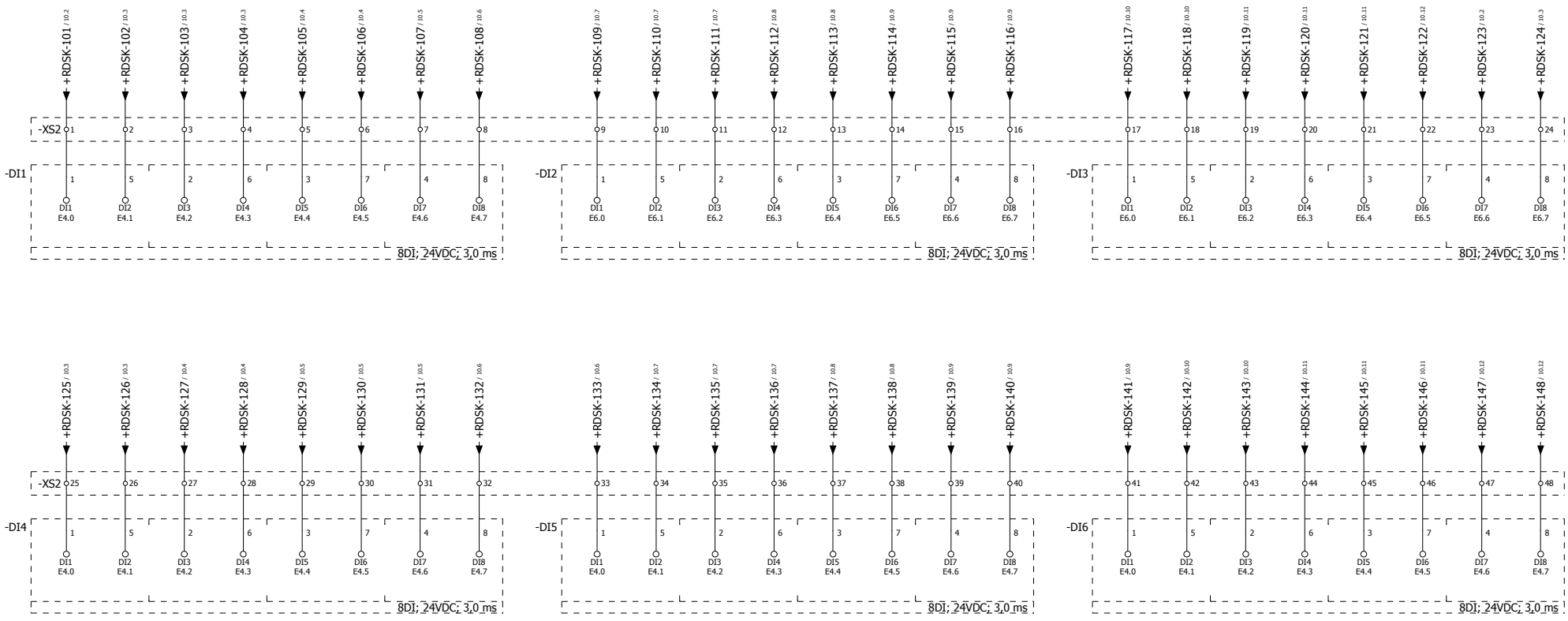


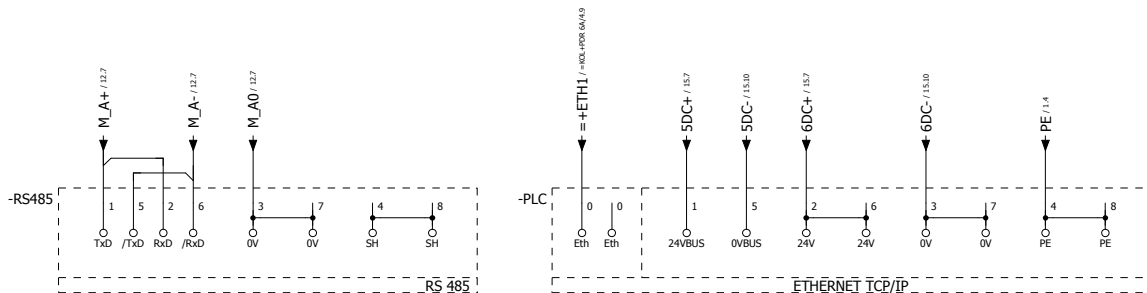
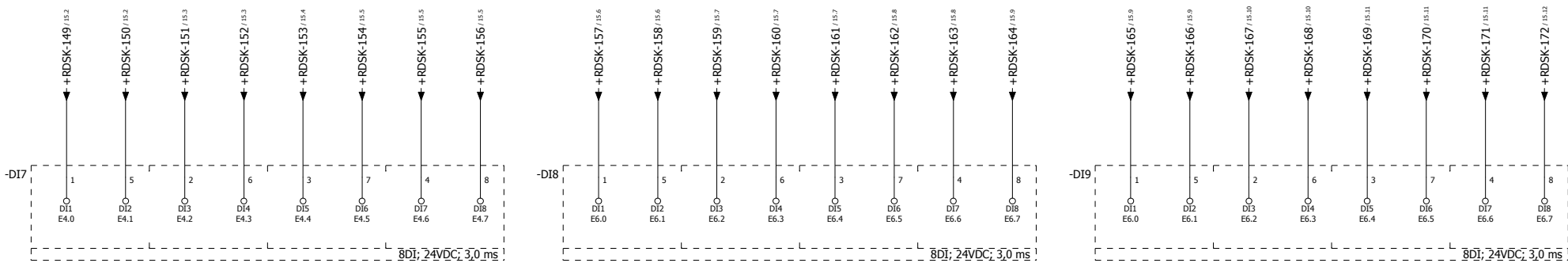




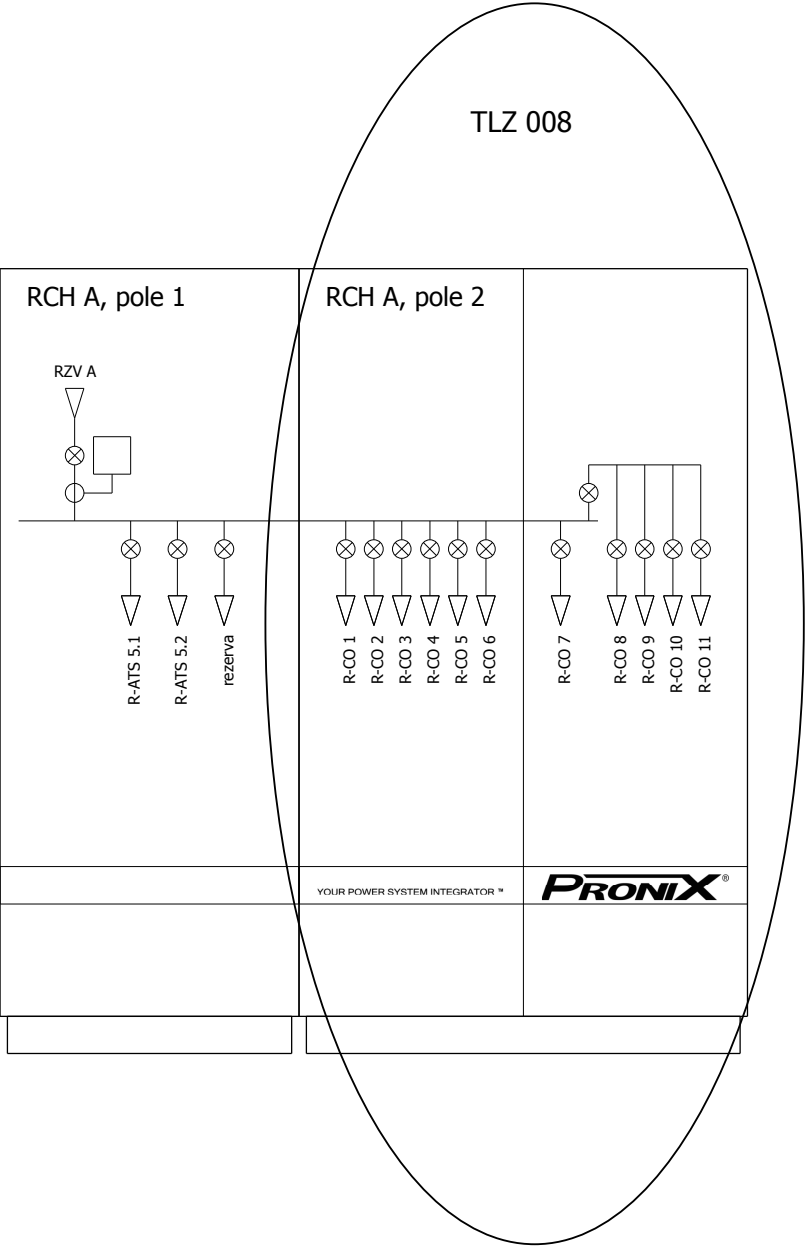
Pomocné kontakty R-DSK, pole 2

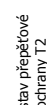
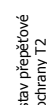


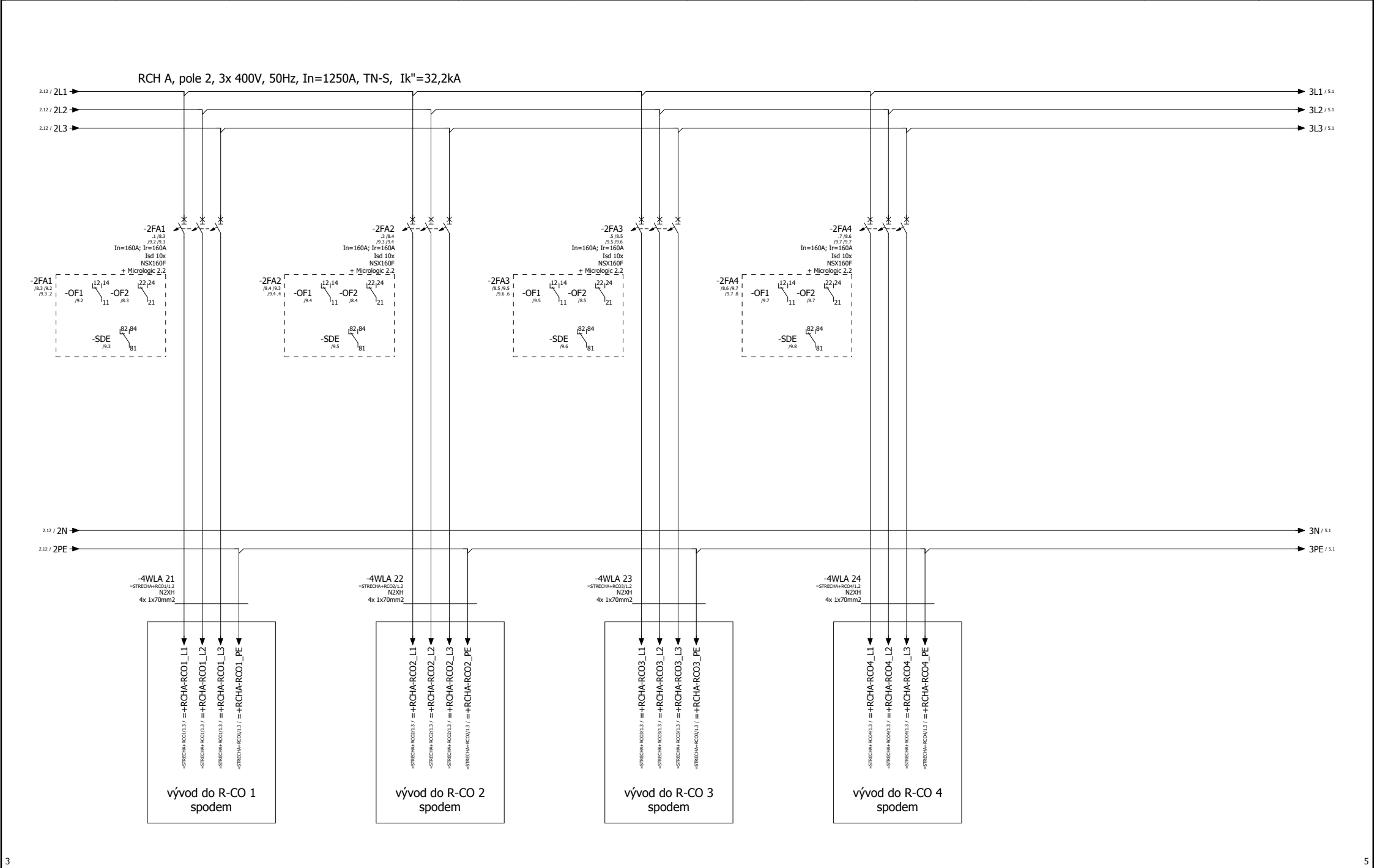


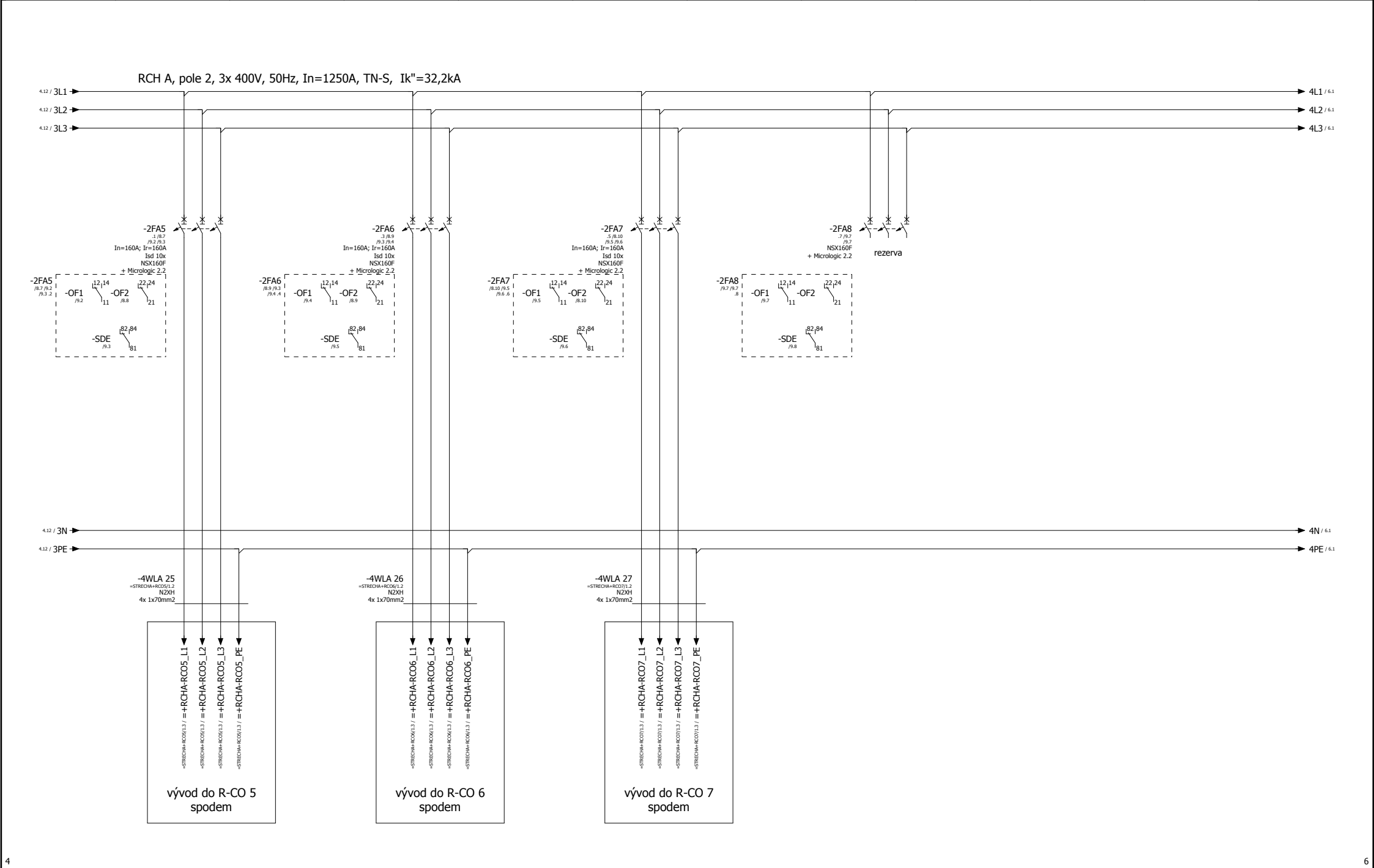


Pozn.:
Osa multimetru 1600mm od S.H. rozvaděče.

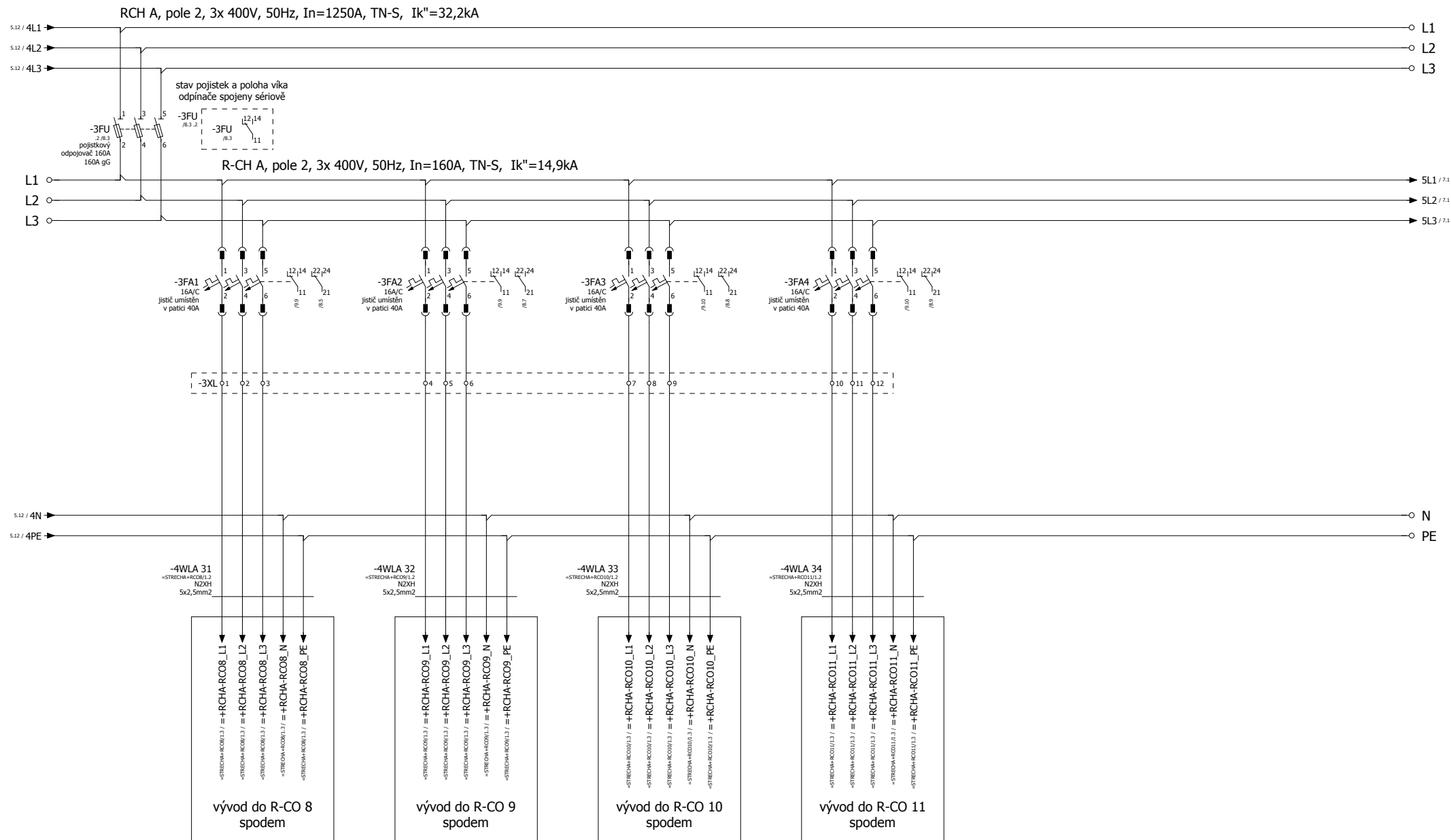







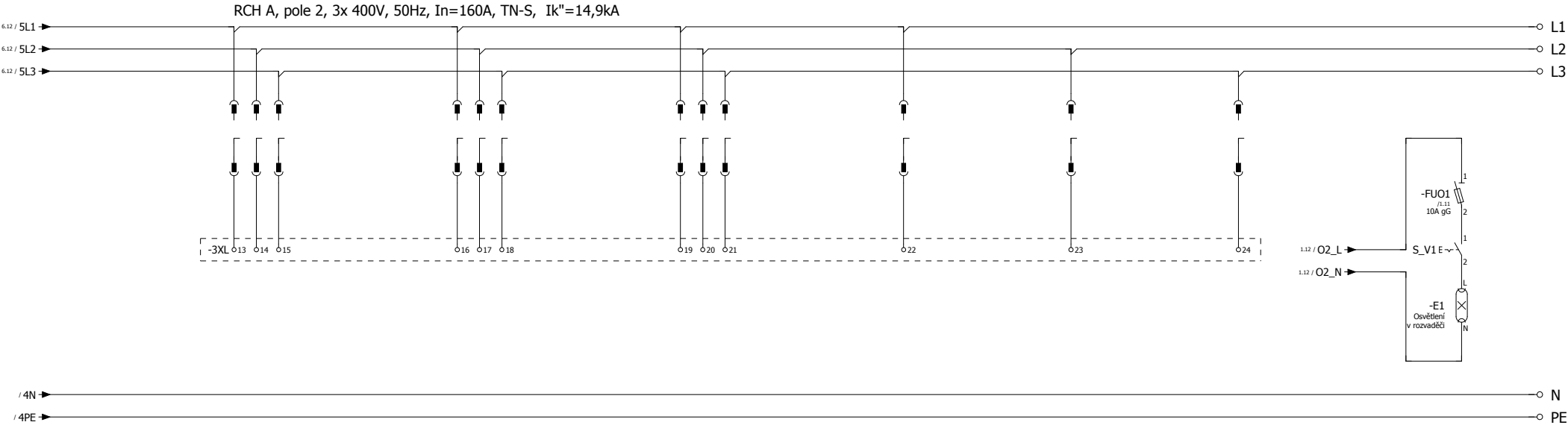


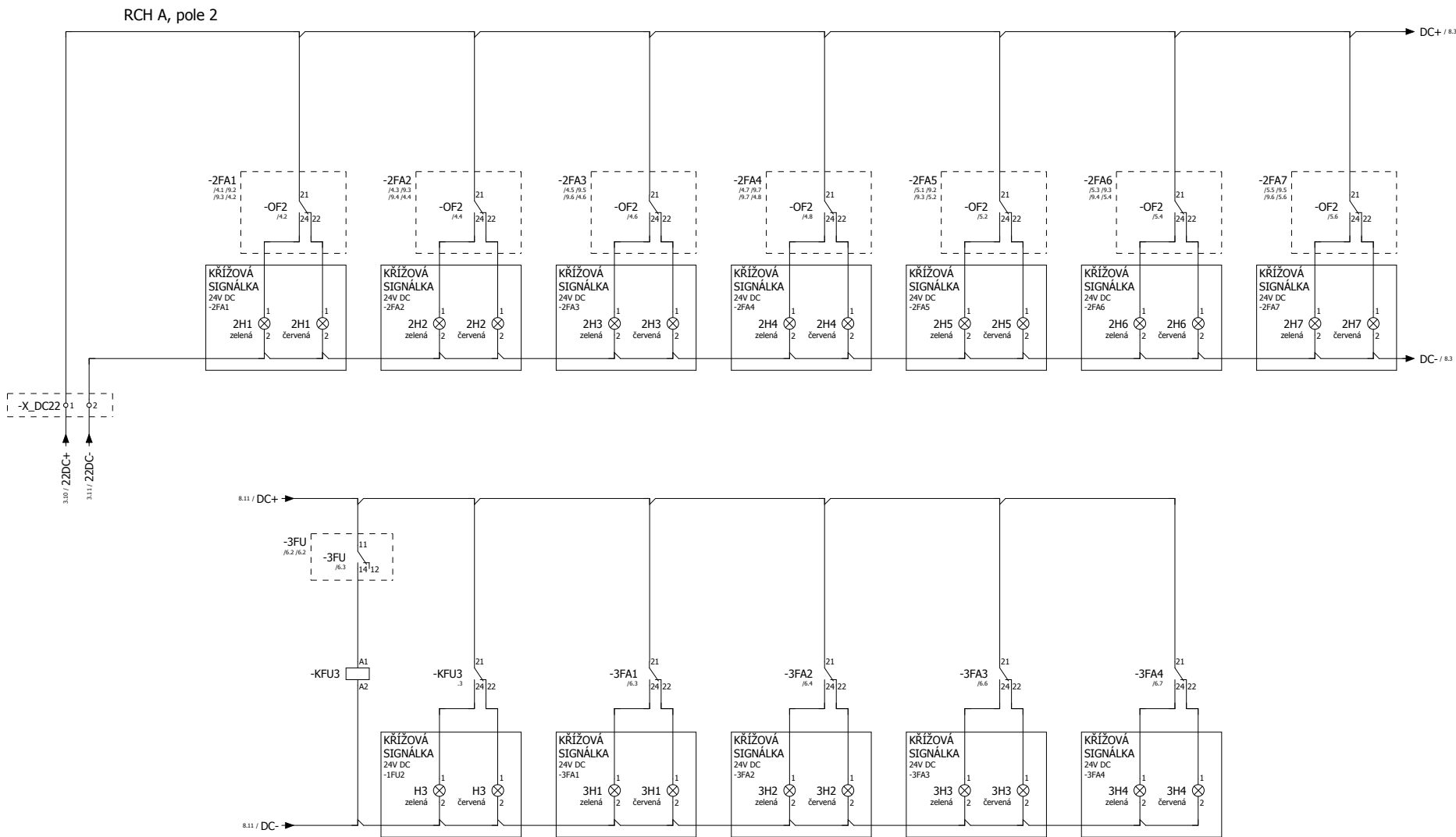
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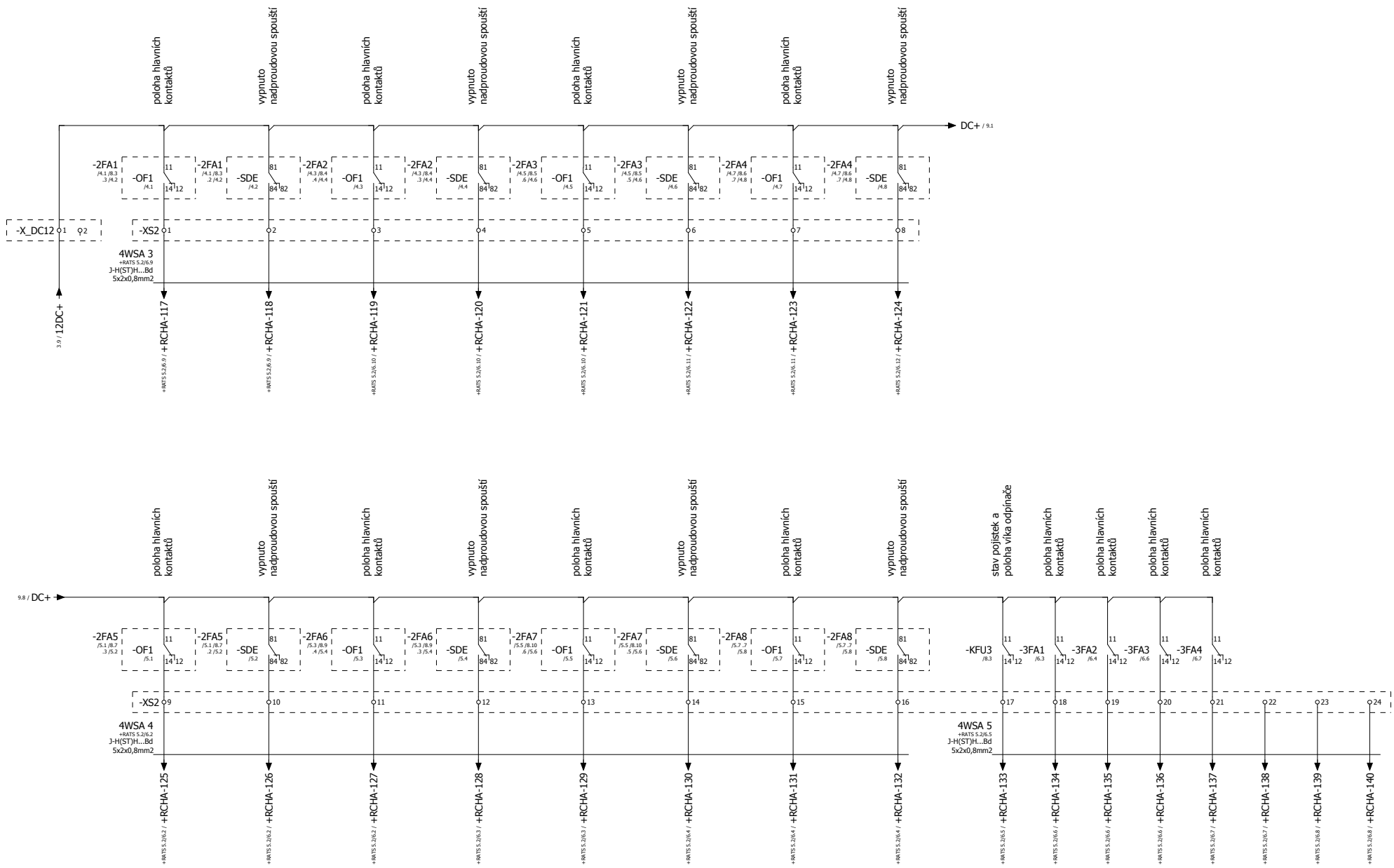


5										7									
SUPERPOČÍTAČOVÉ CENTRUM IT4INNOVATIONS				Kreslil: Ing. Aleš Vyskočil Datum:		Národní superpočítačové centrum IT4I Studentská 6231/1B 708 33 Ostrava - Poruba				PRONIX s.r.o. Poděbradská 55/88 Praha 9 190 00		 YOUR POWER SYSTEM INTEGRATOR™				=ST CHL			
				Kontroloval: Ing. Aleš Vyskočil										+RCH A					
A4		2014		Schválil: Ing. Milan Egart								Zakázka: Z03140		Stupeň projektu: DPS		Strana / stran celkem 6 / 195			

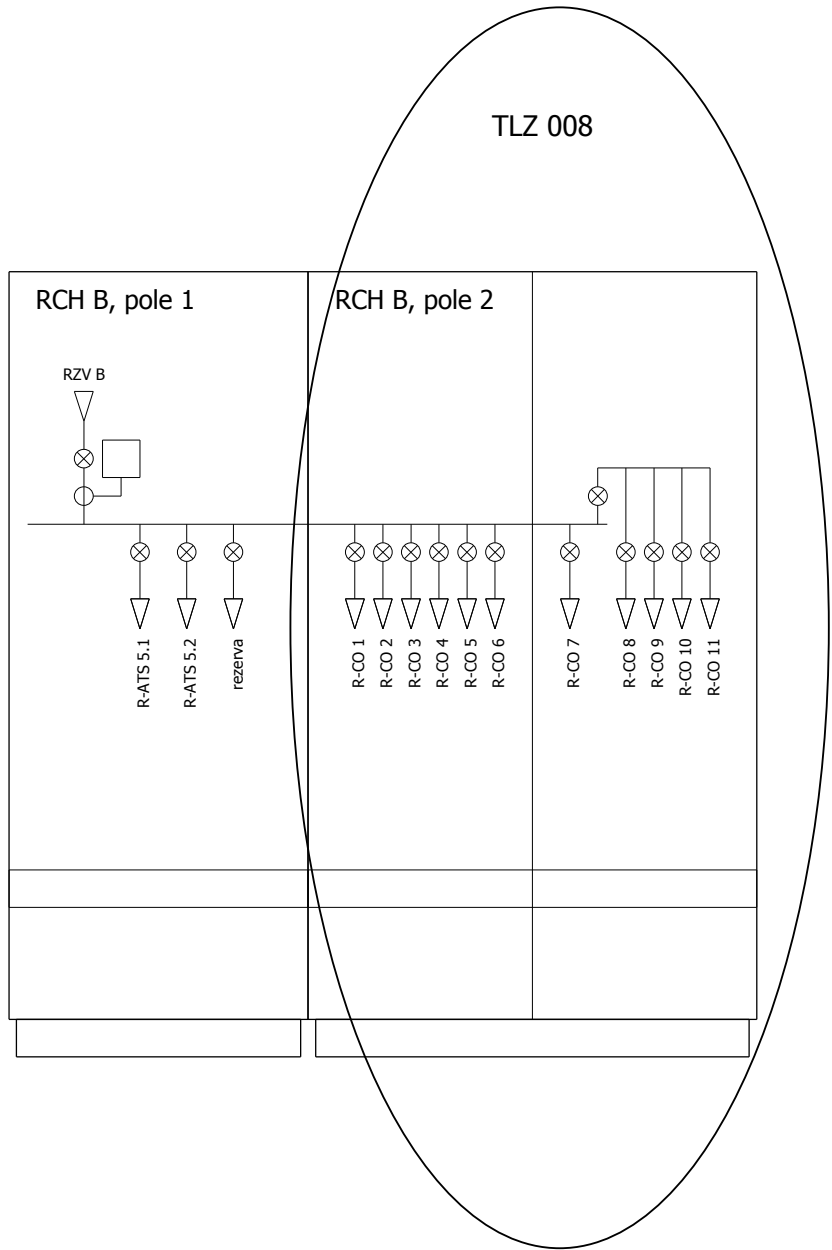
Pozn.: propoje jsou
vydrátovány na 32A







Pozn.:
Osa multimetru 1600mm od S.H. rozvaděče.



+RCH A/9

SUPERPOČÍTAČOVÉ CENTRUM
IT4INNOVATIONS

Kreslil: Ing. Aleš Vyskočil
Datum:
Kontroloval: Ing. Aleš Vyskočil
Schválil: Ing. Milan Egart

Národní superpočítačové centrum IT4I
Studentská 6231/1B
708 33 Ostrava - Poruba

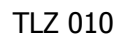
PRONIX s.r.o.
Poděbradská 55/88
Praha 9 190 00

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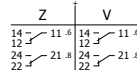
Zakázka:
Z03140

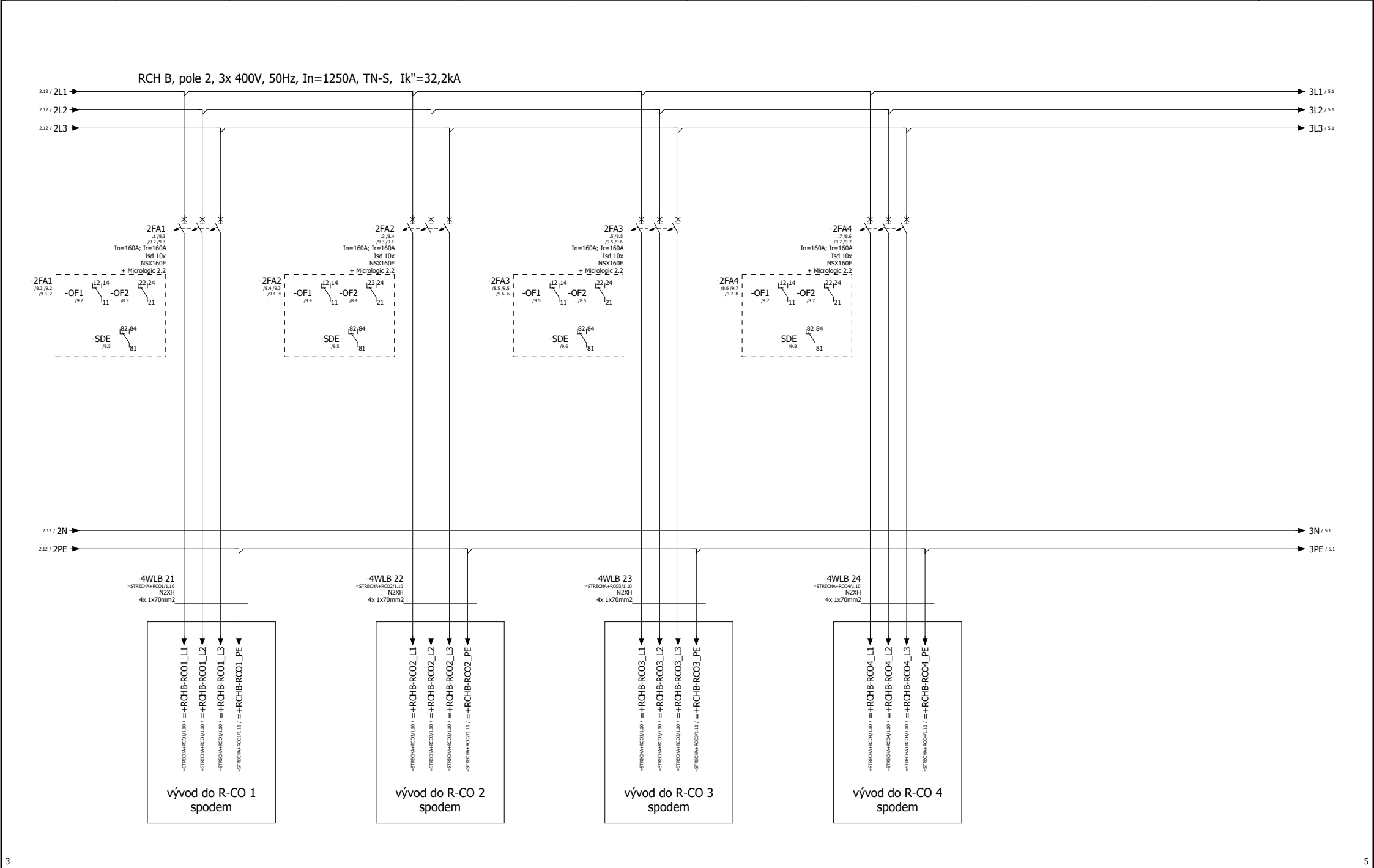
Stupeň projektu:
DPS

=ST CHL
+RCH B
Strana / stran celkem
0 / 195

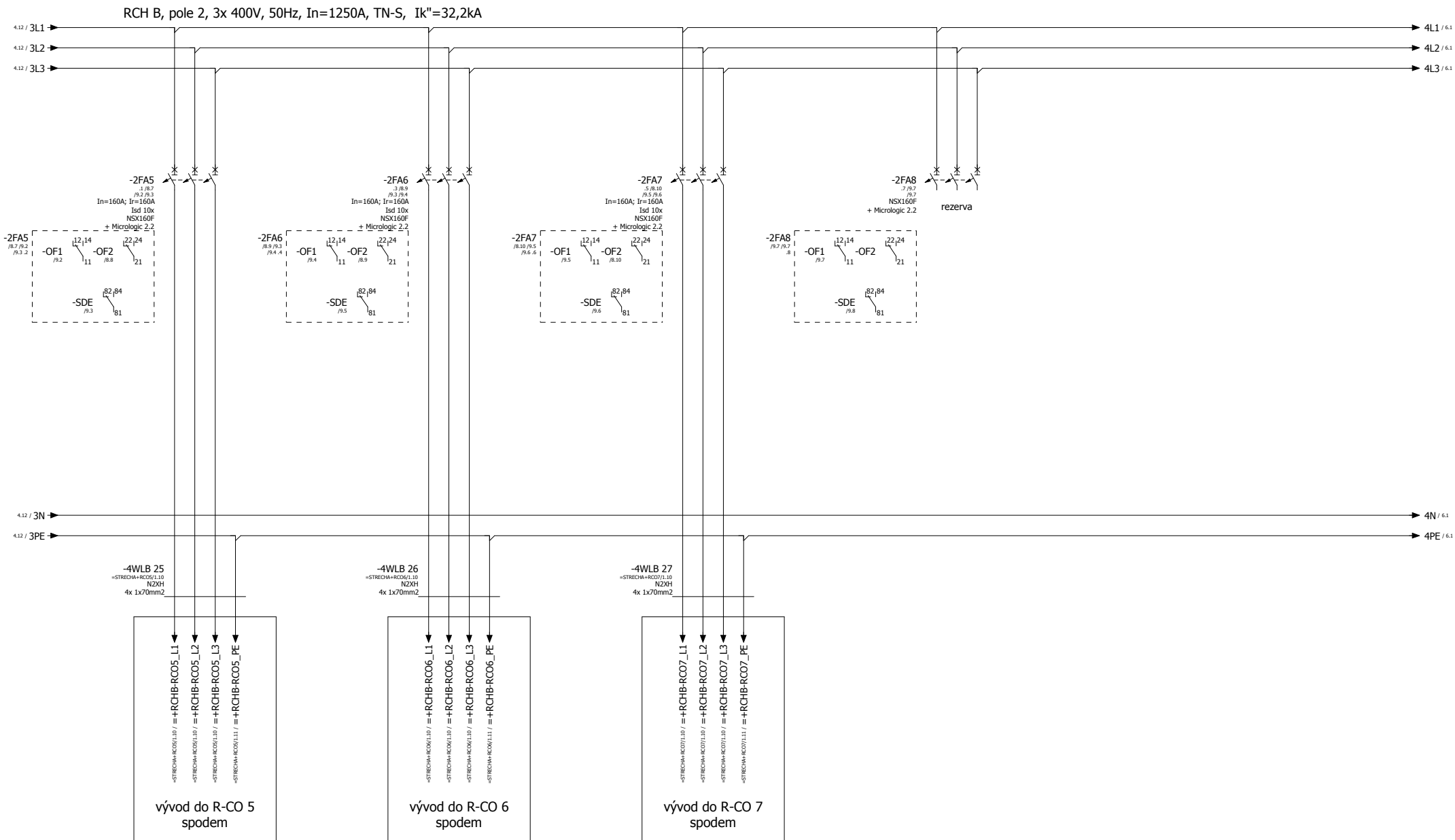



stav přepětové
ochrany T2



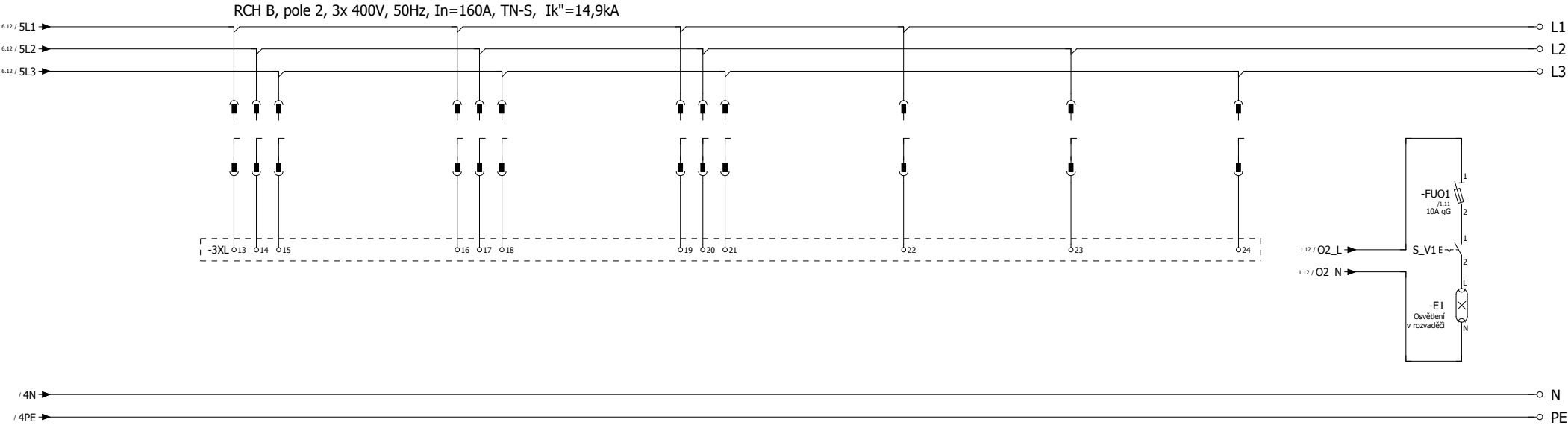


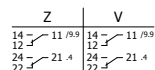
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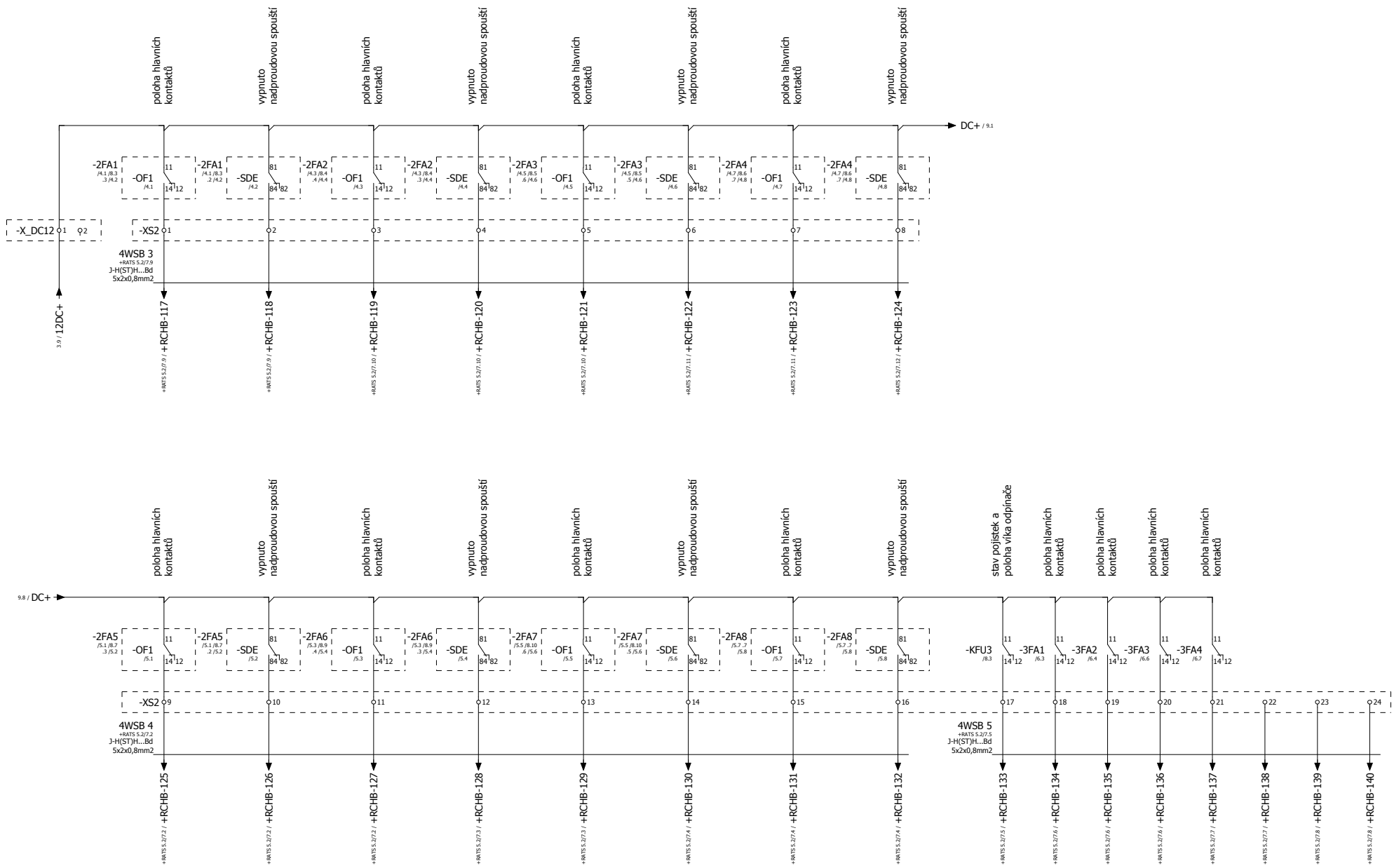


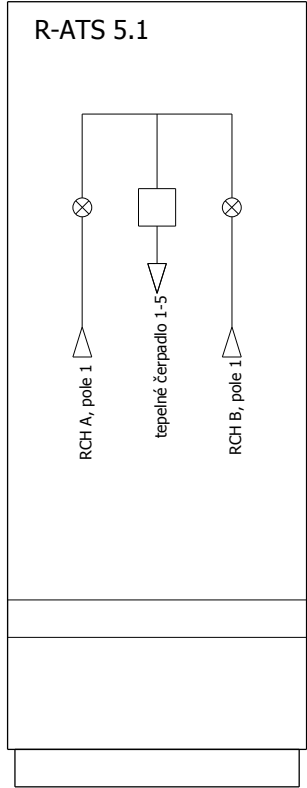
SUPERPOČÍTAČOVÉ CENTRUM IT4INNOVATIONS		Kreslil: Ing. Aleš Vyskočil	Národní superpočítačové centrum IT4I Studentská 6231/1B 708 33 Ostrava - Poruba	PRONIX s.r.o. Poděbradská 55/88 Praha 9 190 00		Zakázka: Z03140		Stupeň projektu: DPS	=ST CHL	
		Datum:							+RCH B	
		Kontroloval: Ing. Aleš Vyskočil							Strana / stran celkem 5 / 195	
A4	2014	Schválil: Ing. Milan Egart								

Pozn.: propoje jsou
vydrátovány na 32A



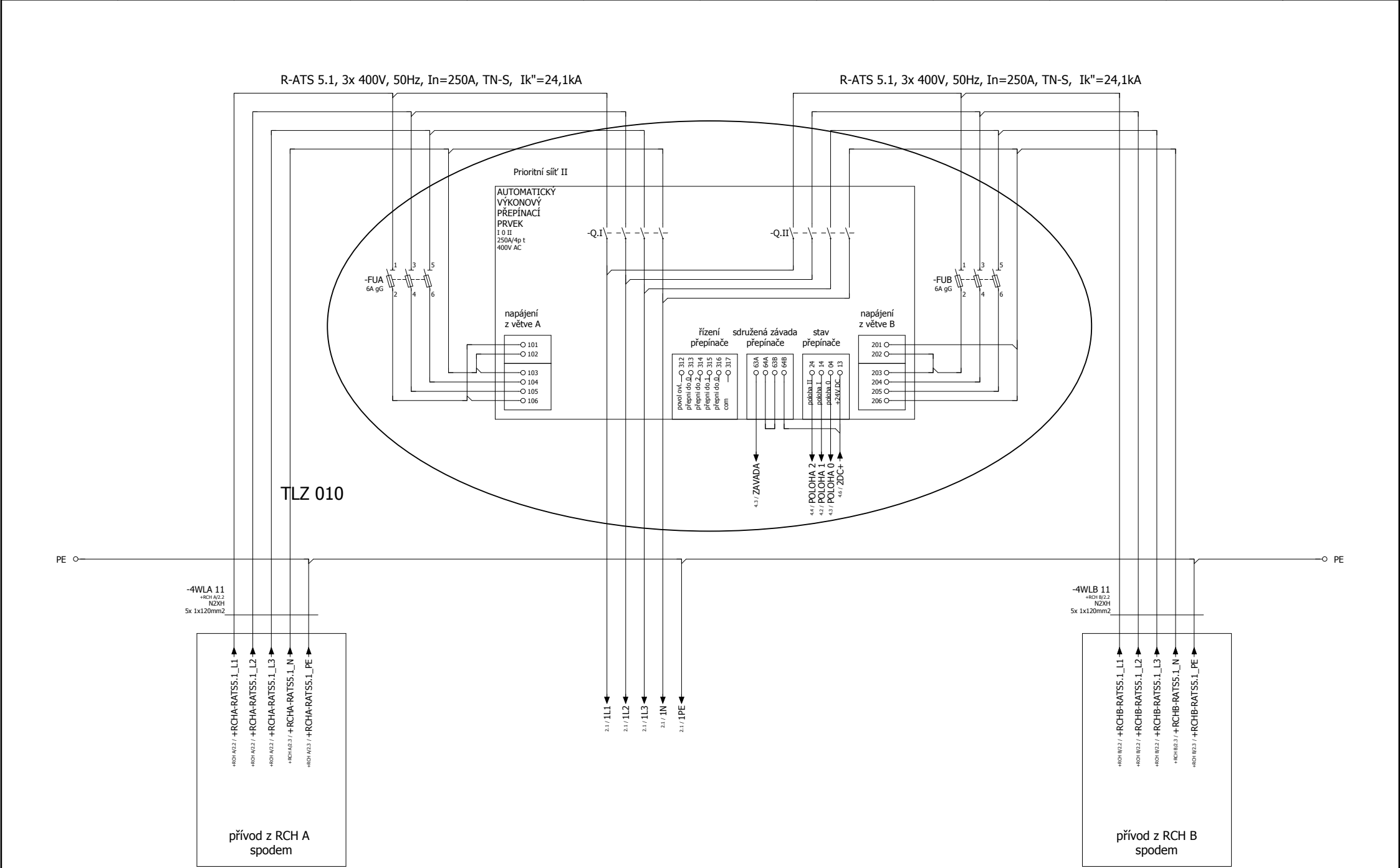


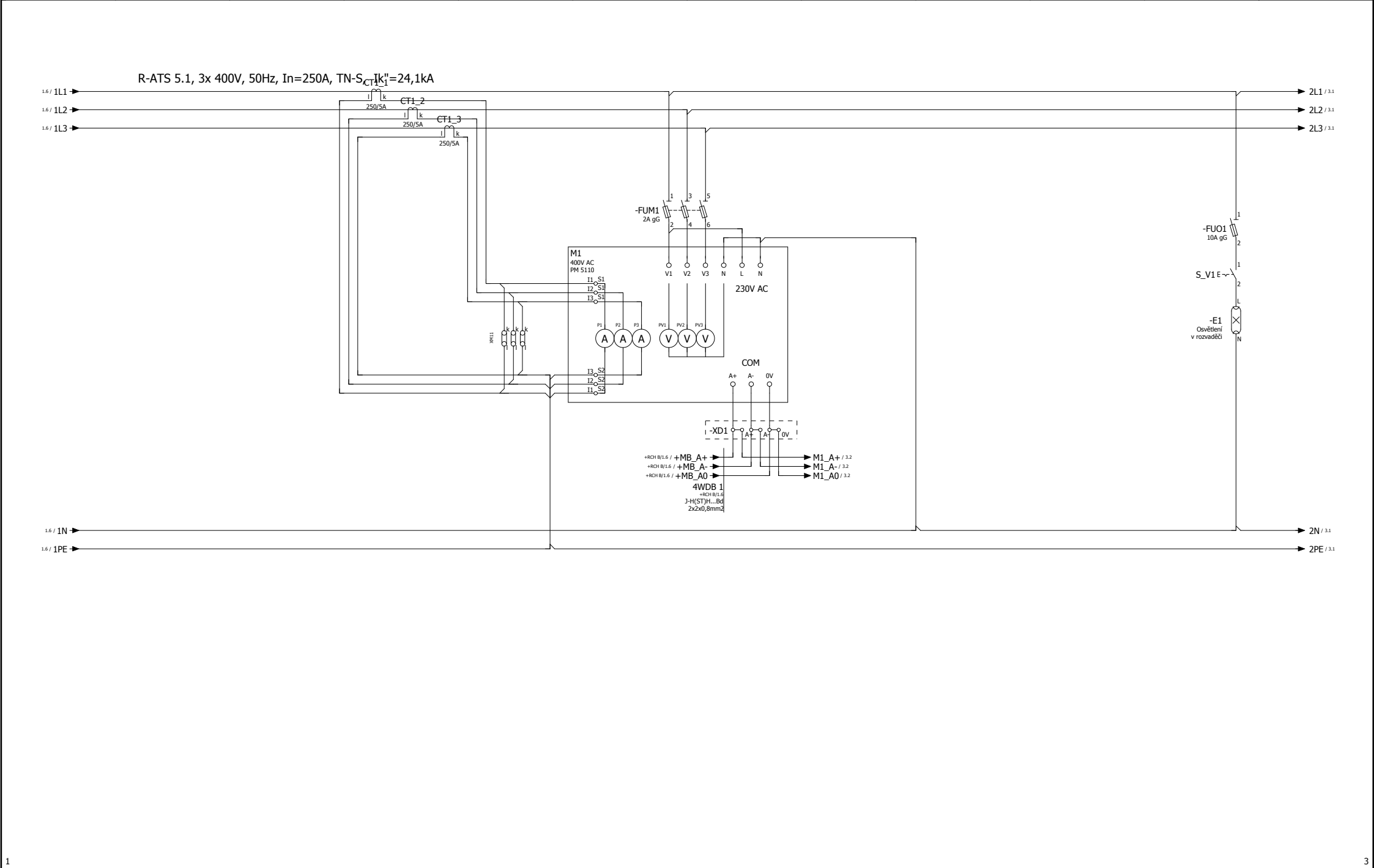


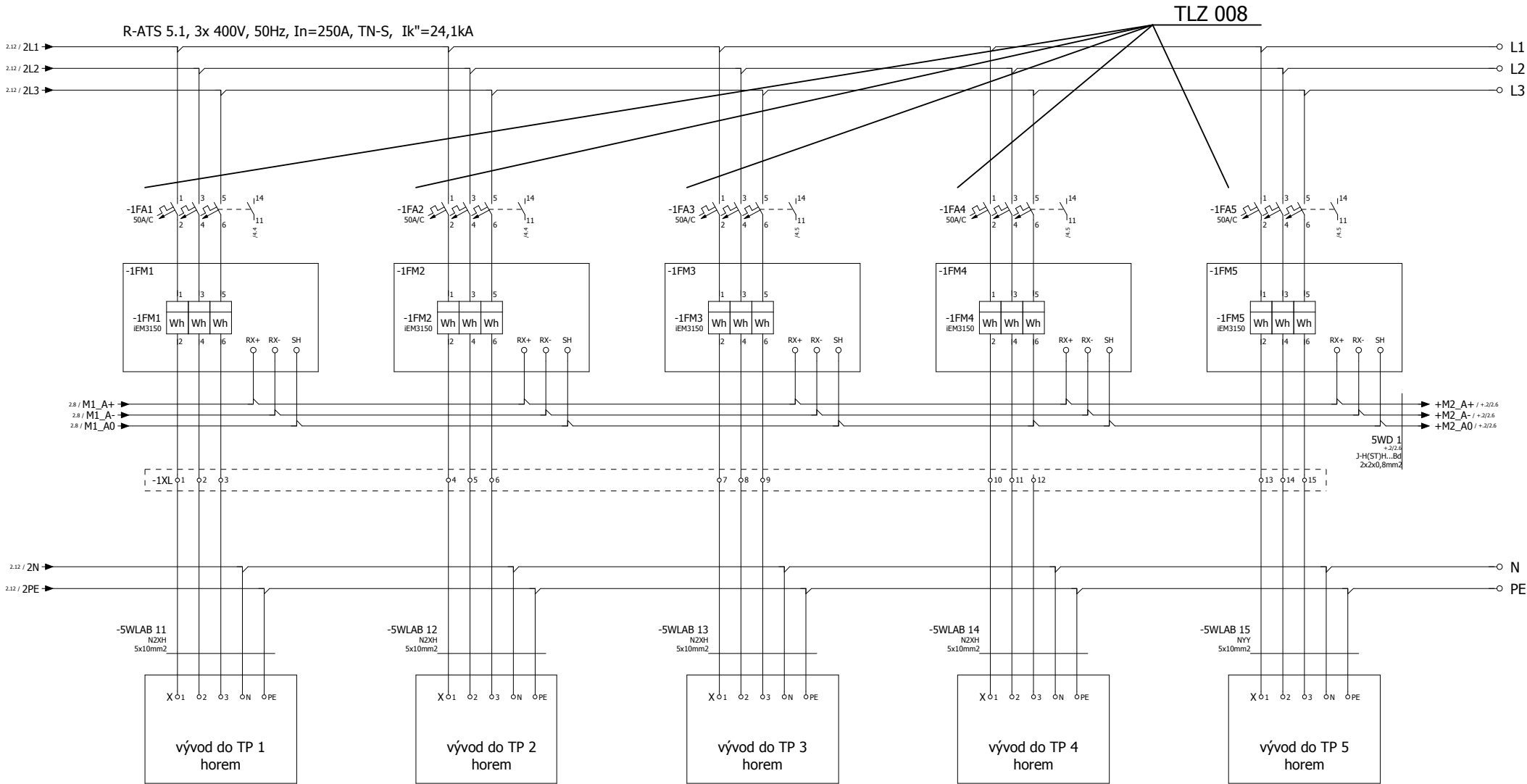


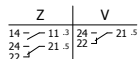
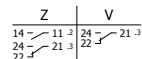
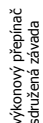
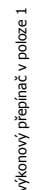
Pozn.:
Osa multimetru 1600mm od S.H. rozvaděče.

+RCH B/9

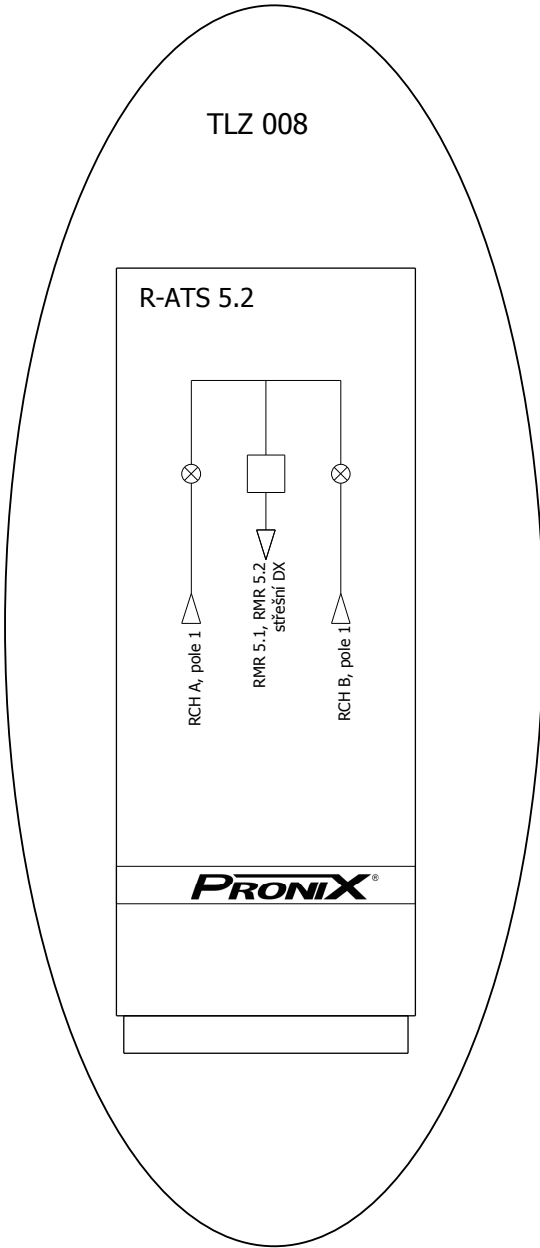




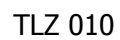


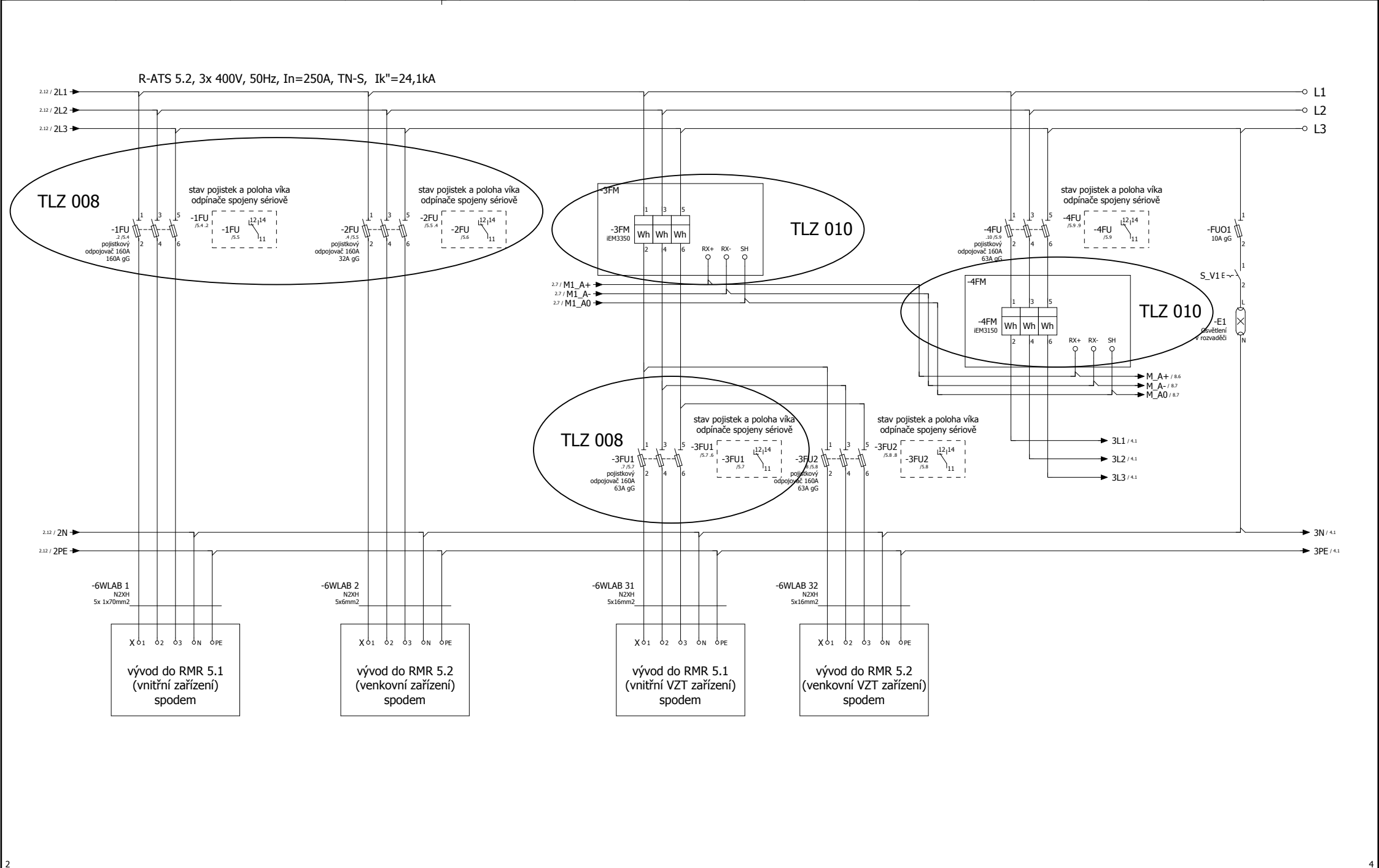


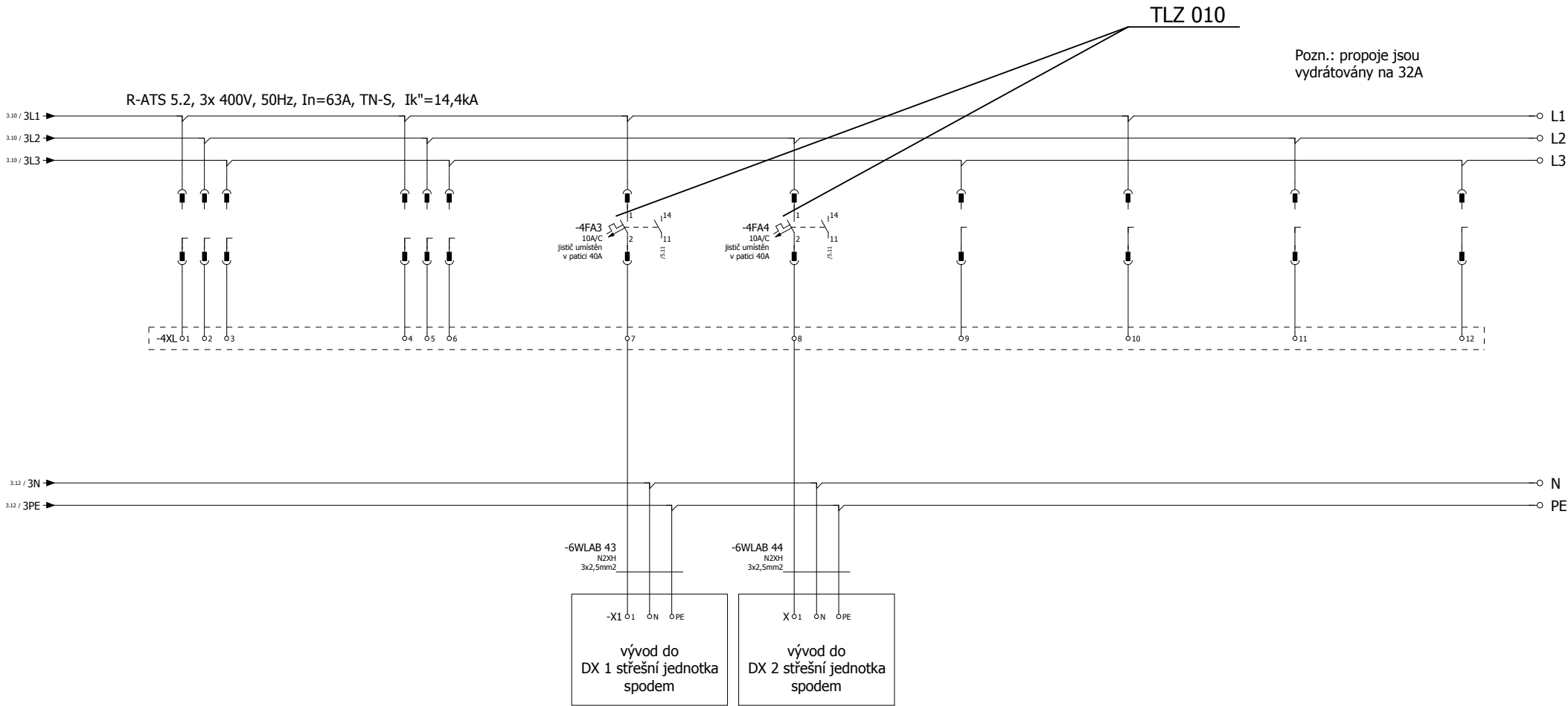
Pomocné kontakty R-ATS 5.1

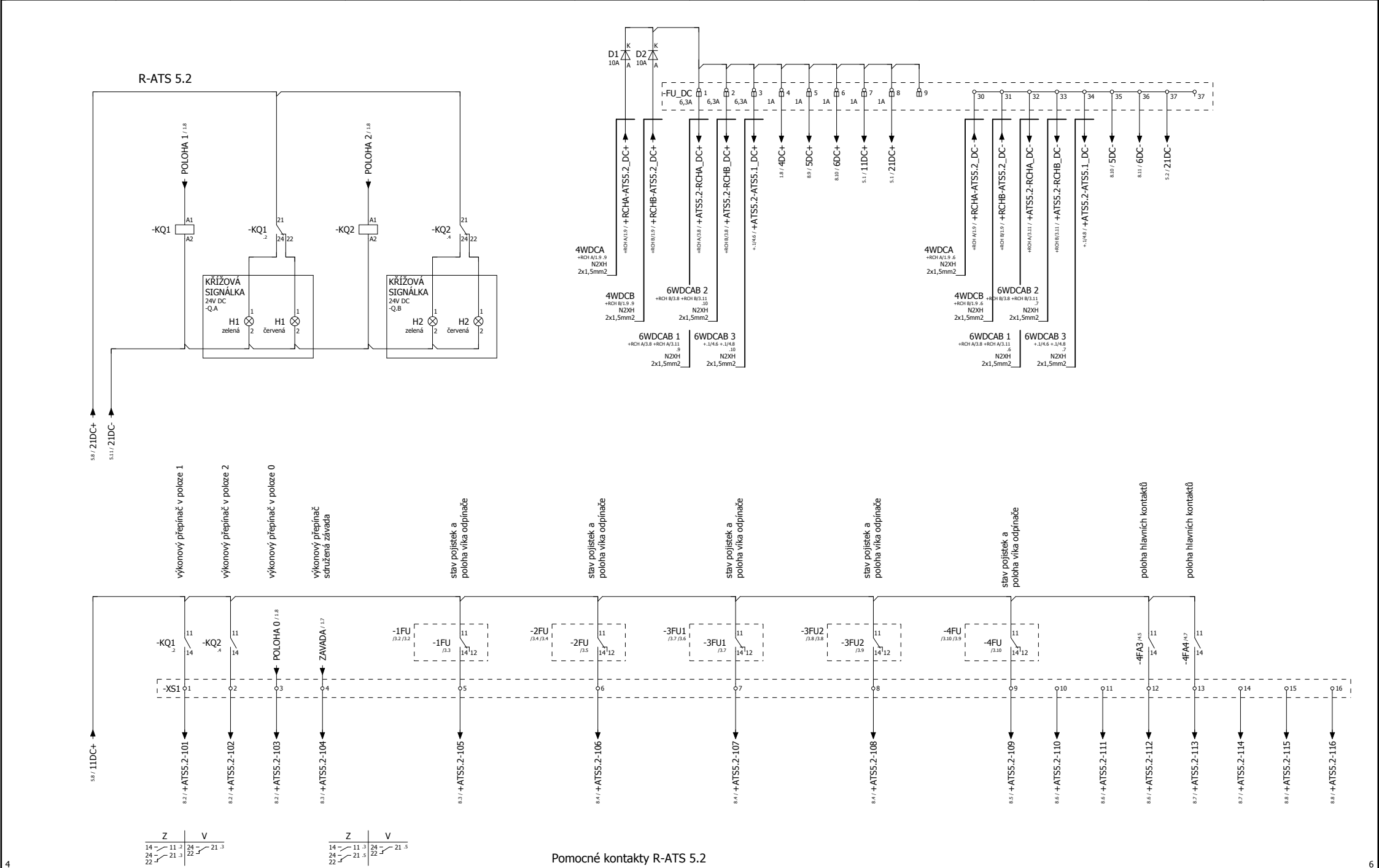


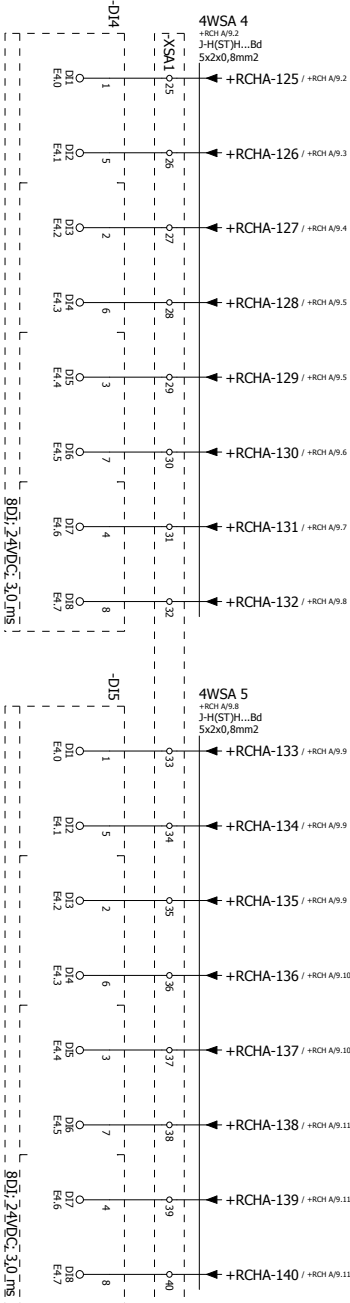
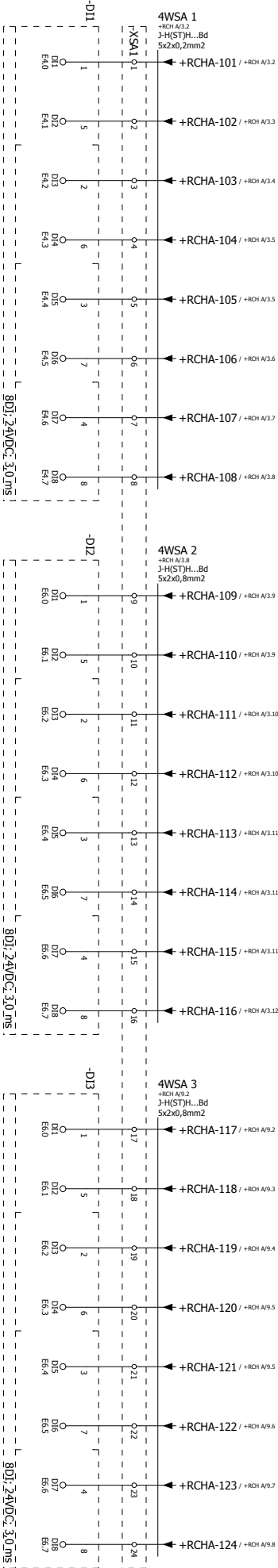
Pozn.:
Osa multimetru 1600mm od S.H. rozvaděče.











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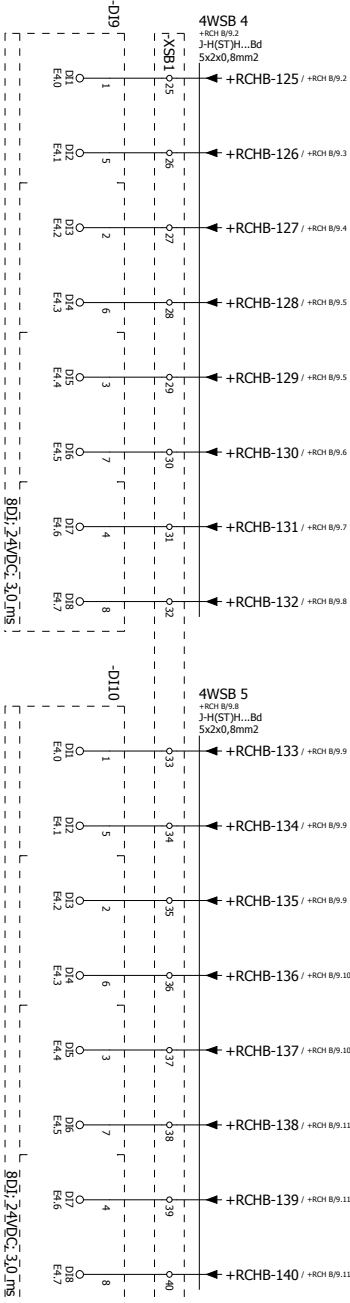
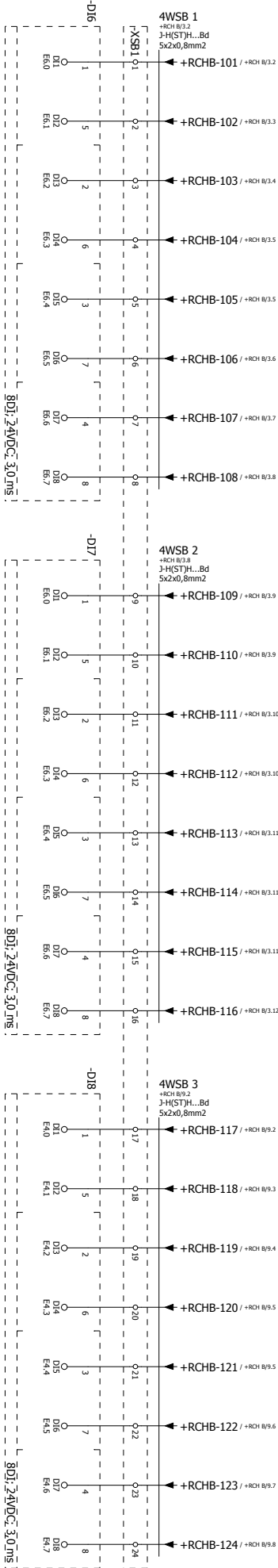
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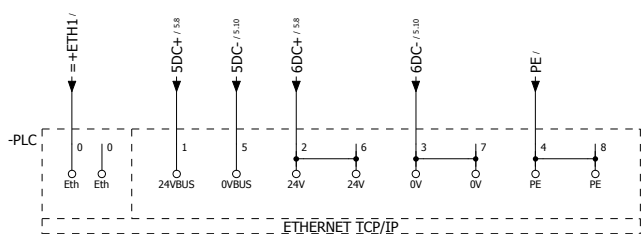
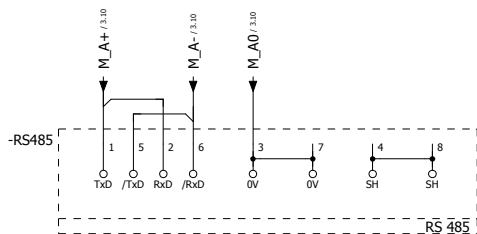
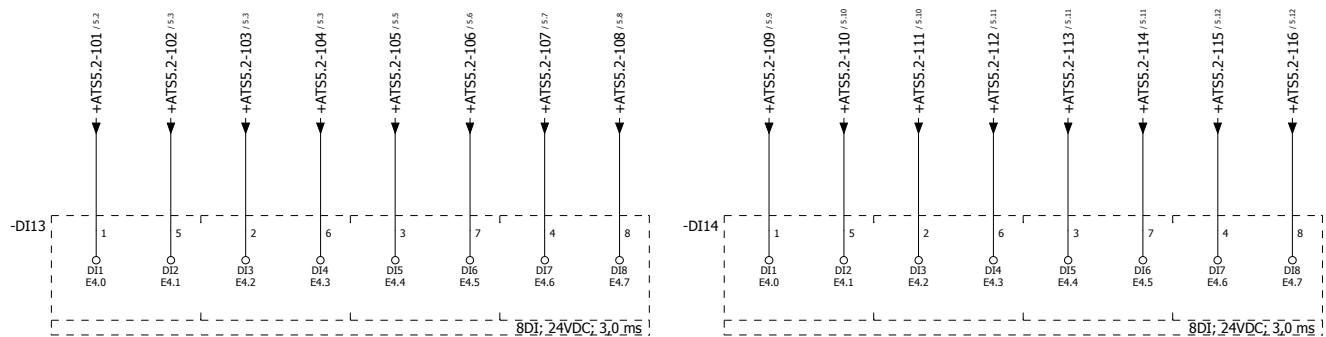
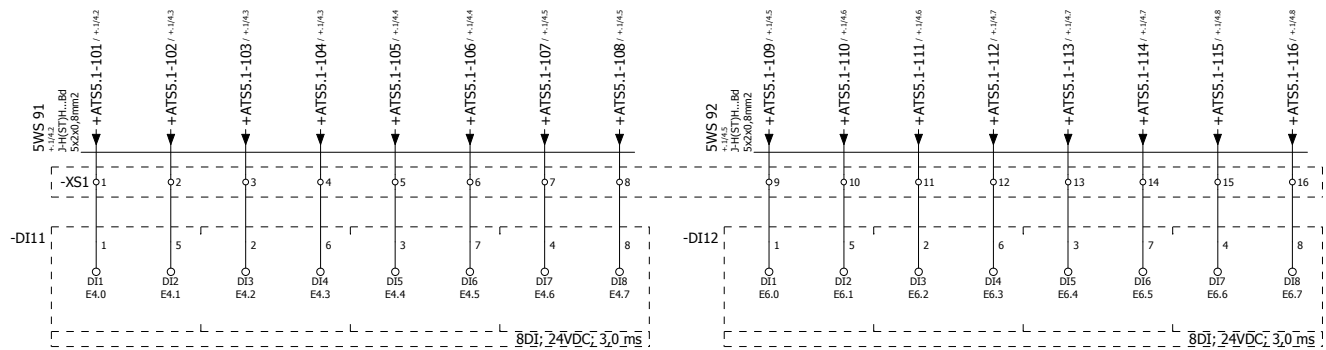
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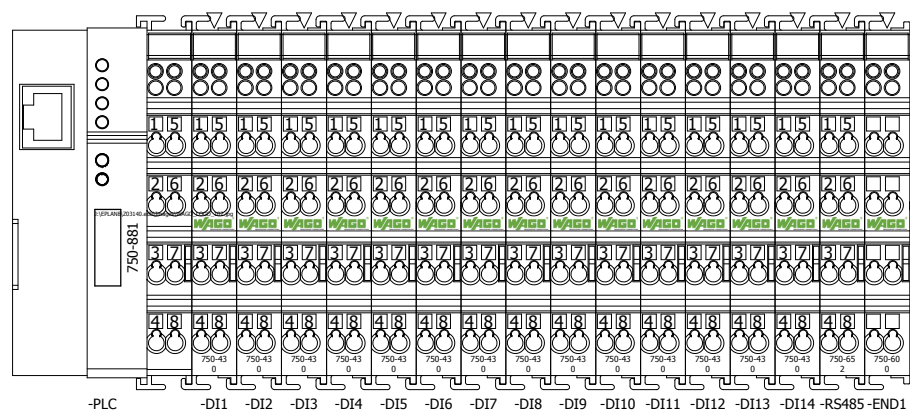
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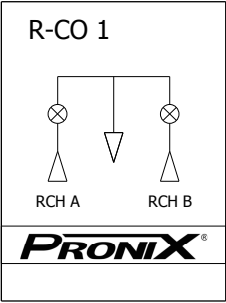
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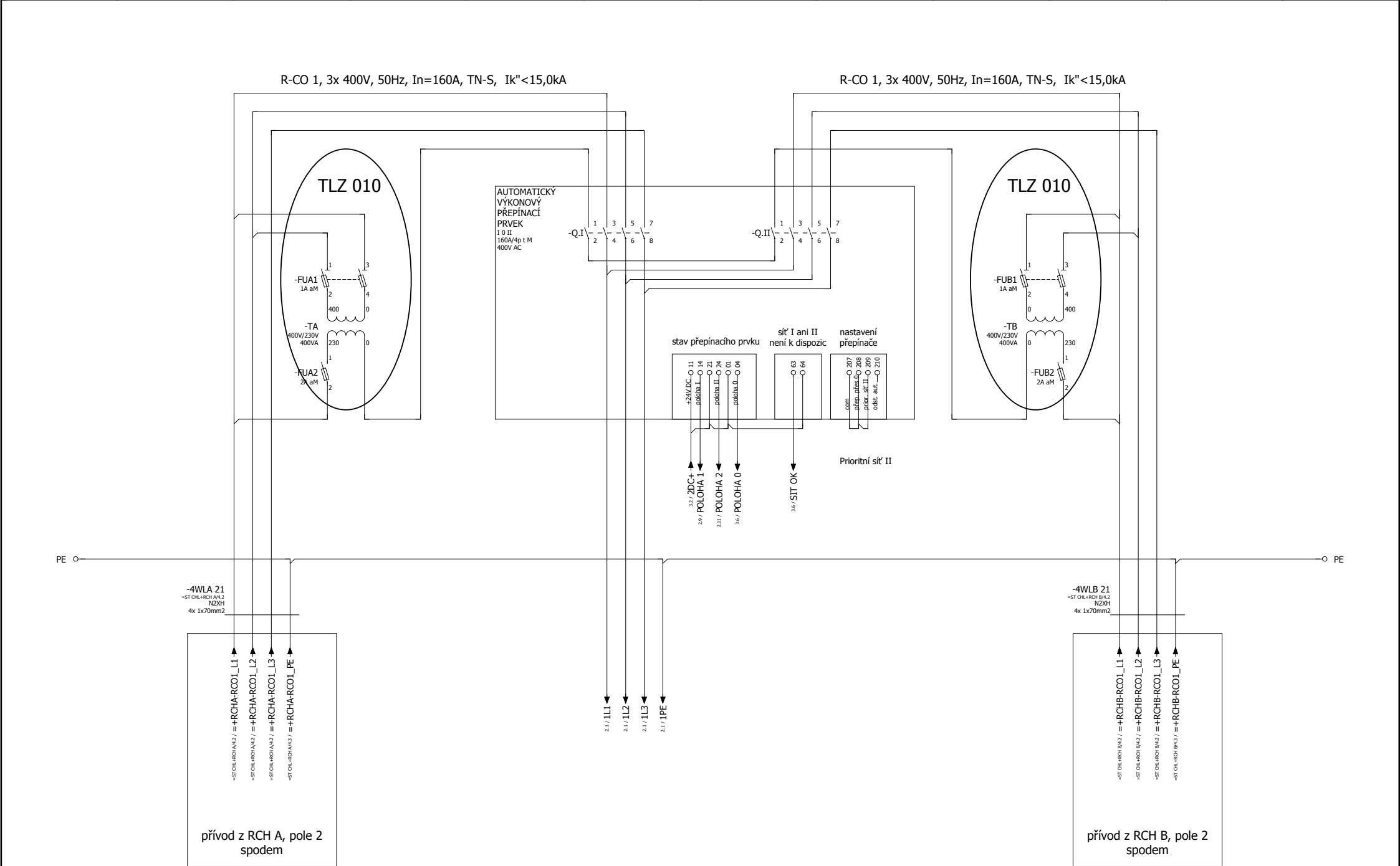


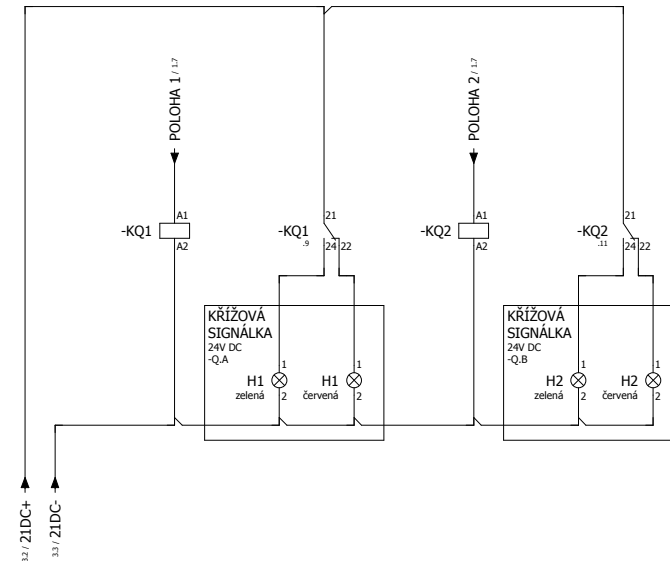
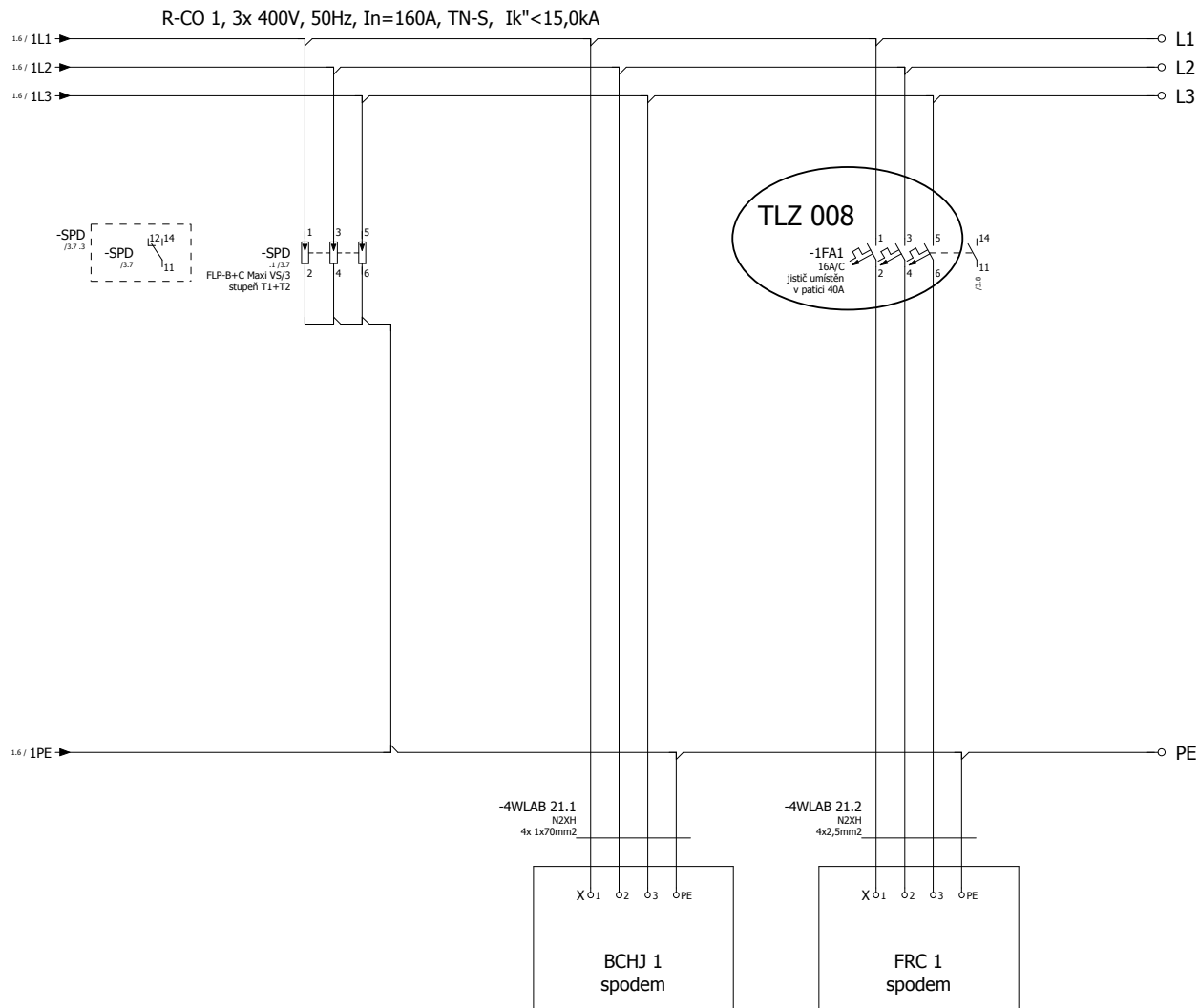


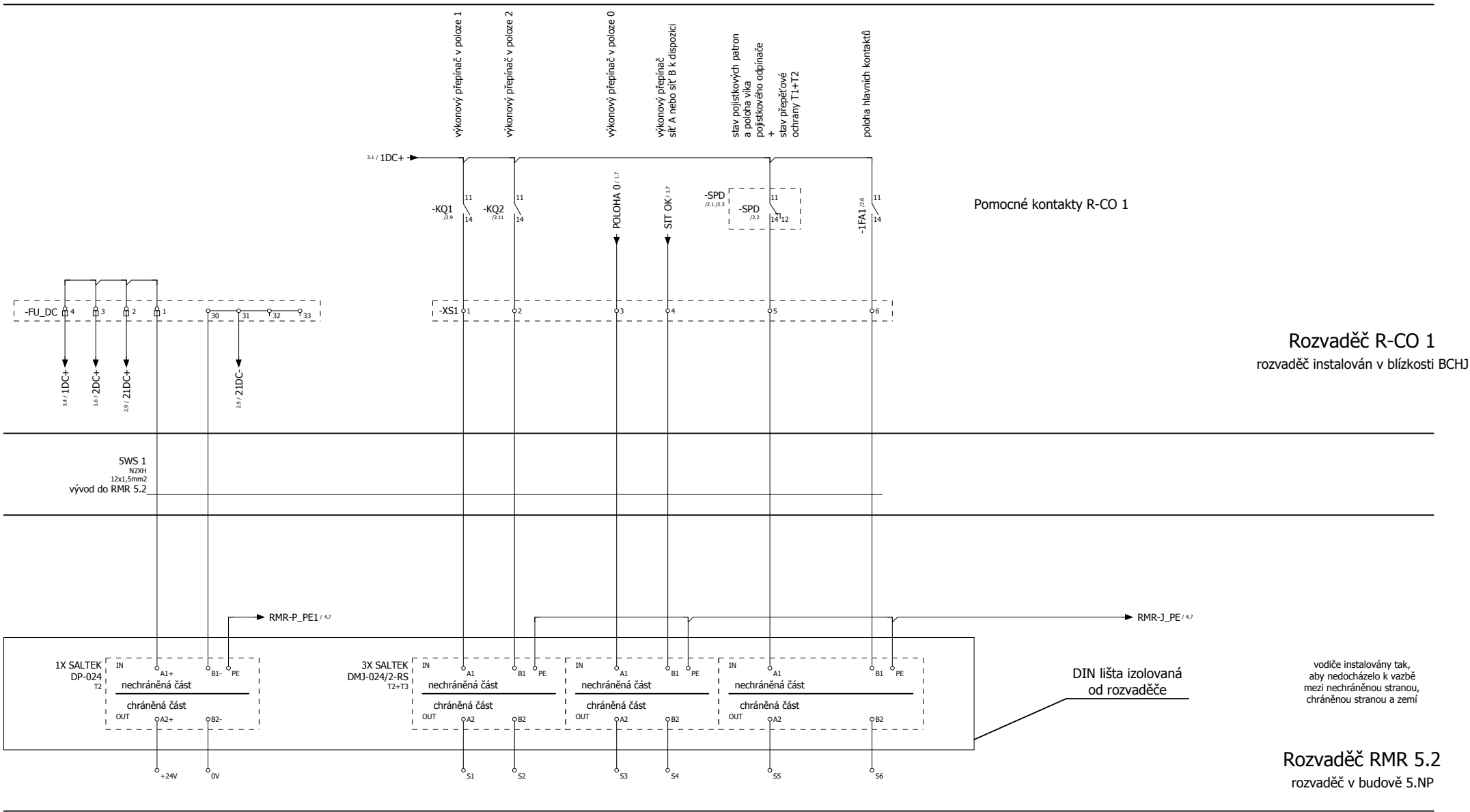


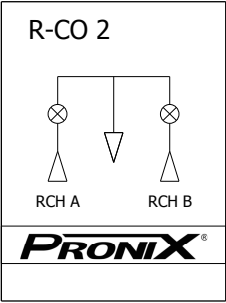


=ST CHL+RATS 5.2/9

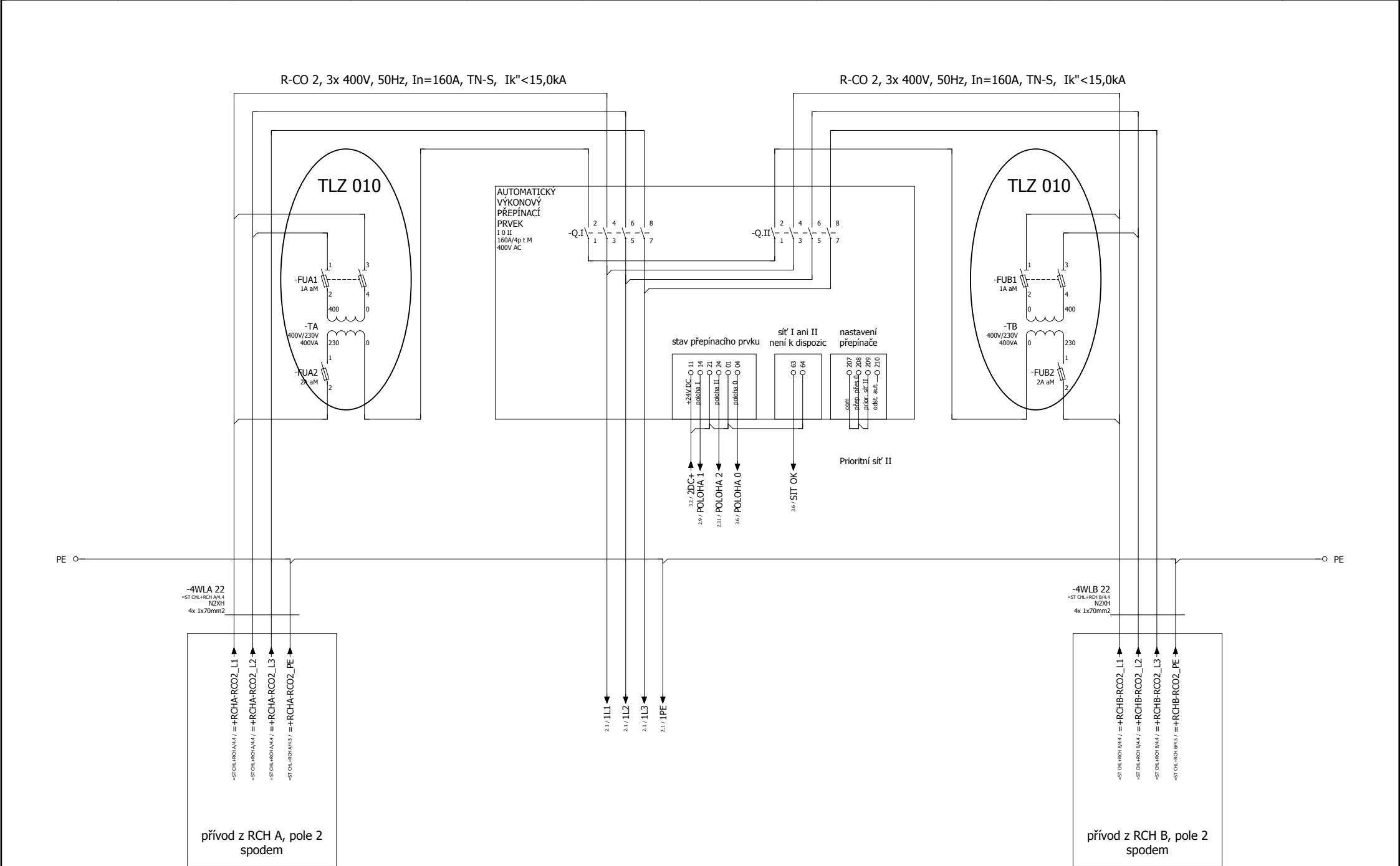


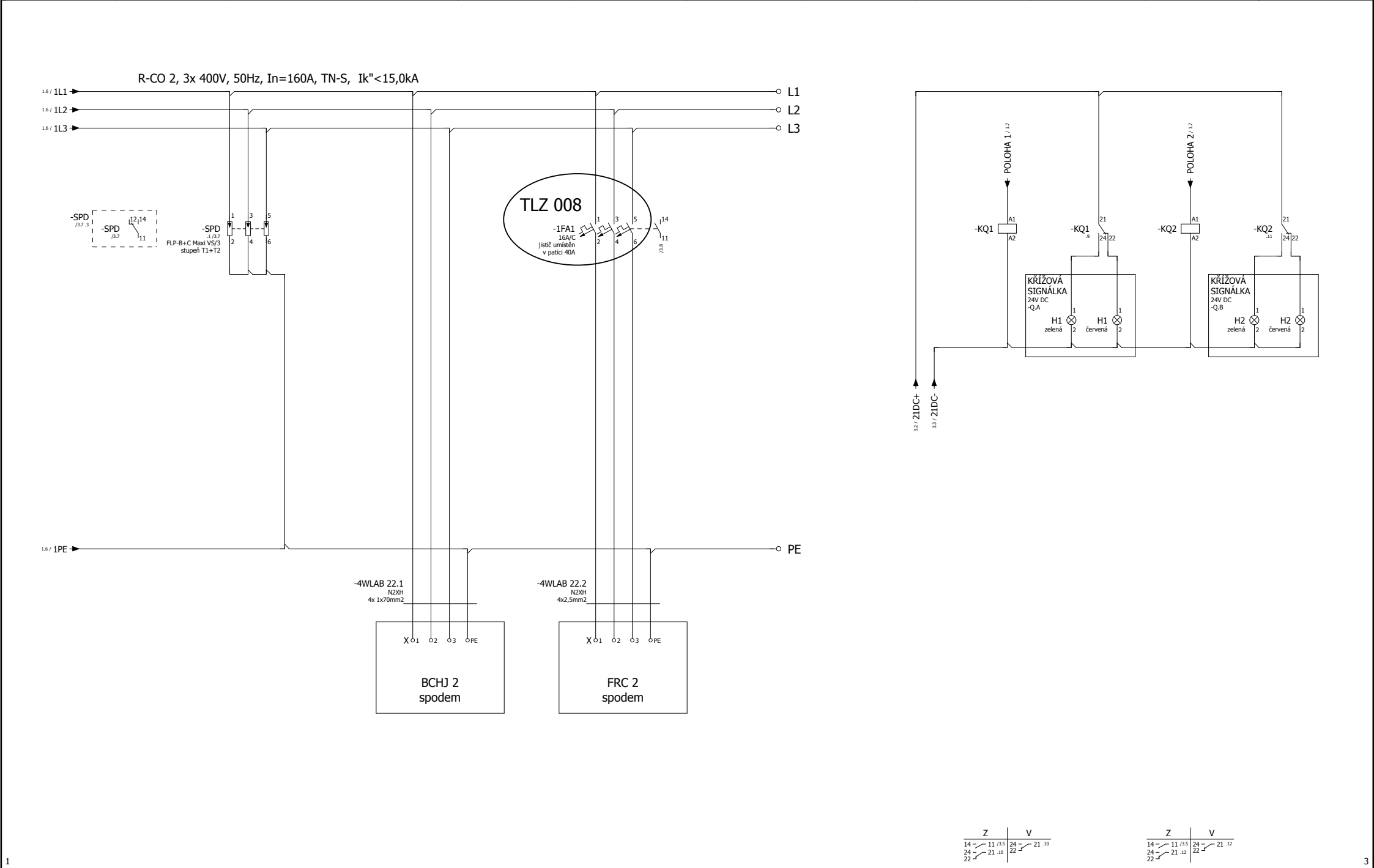


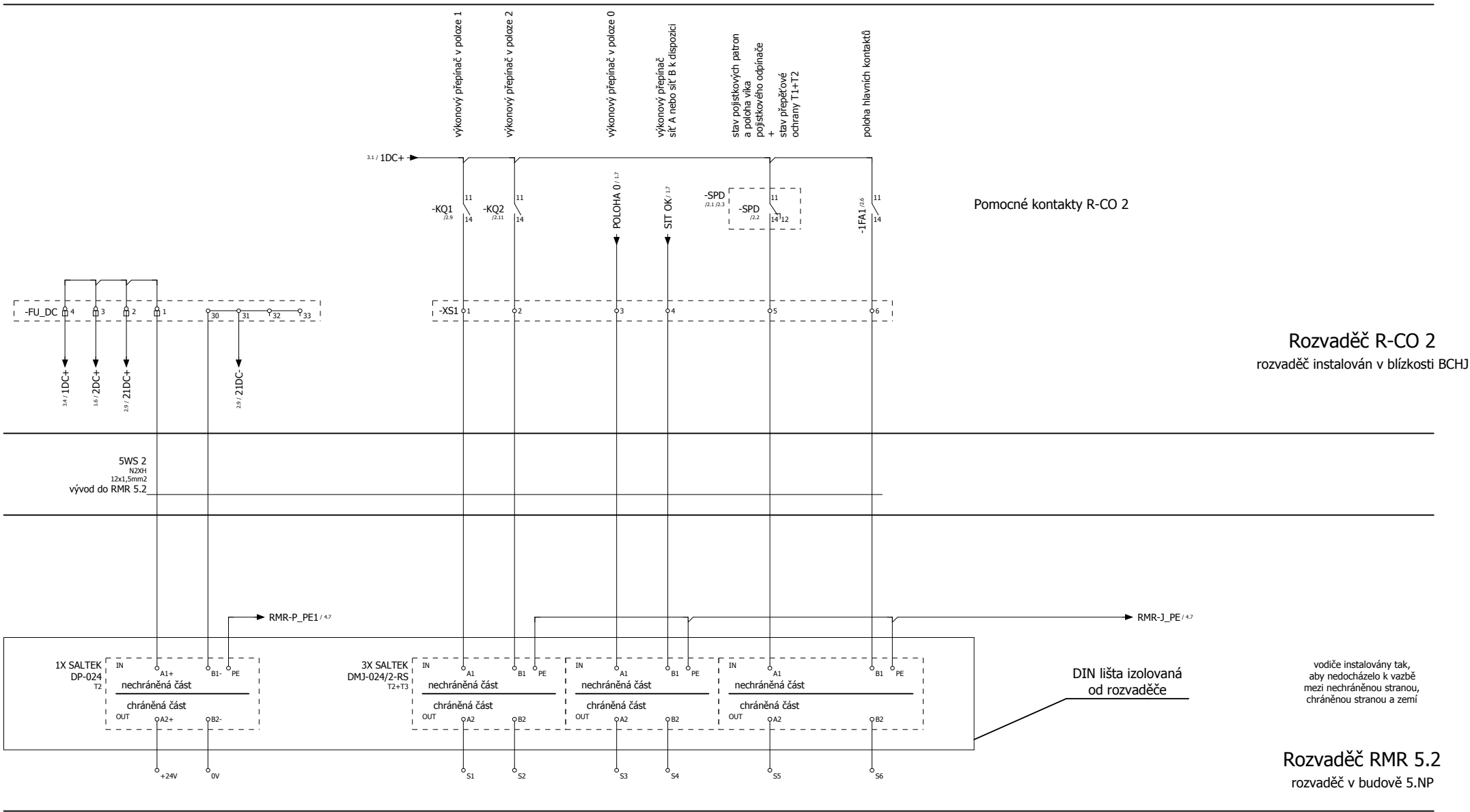




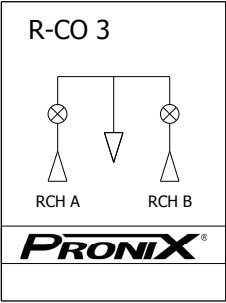
+RCO1/4



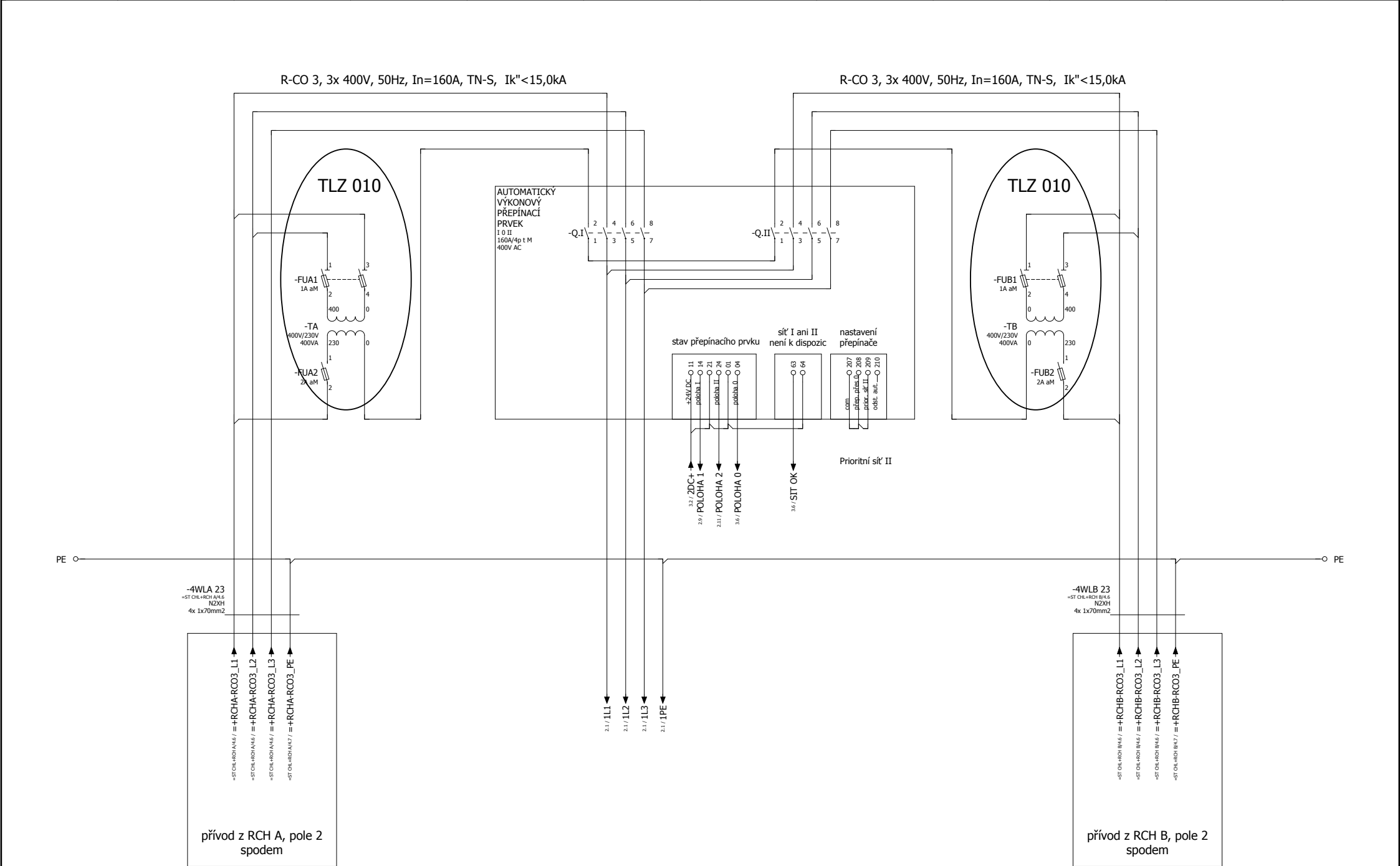


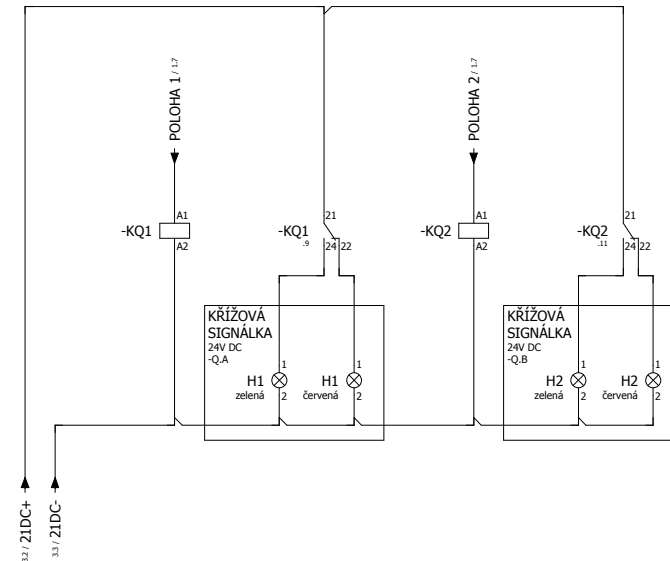
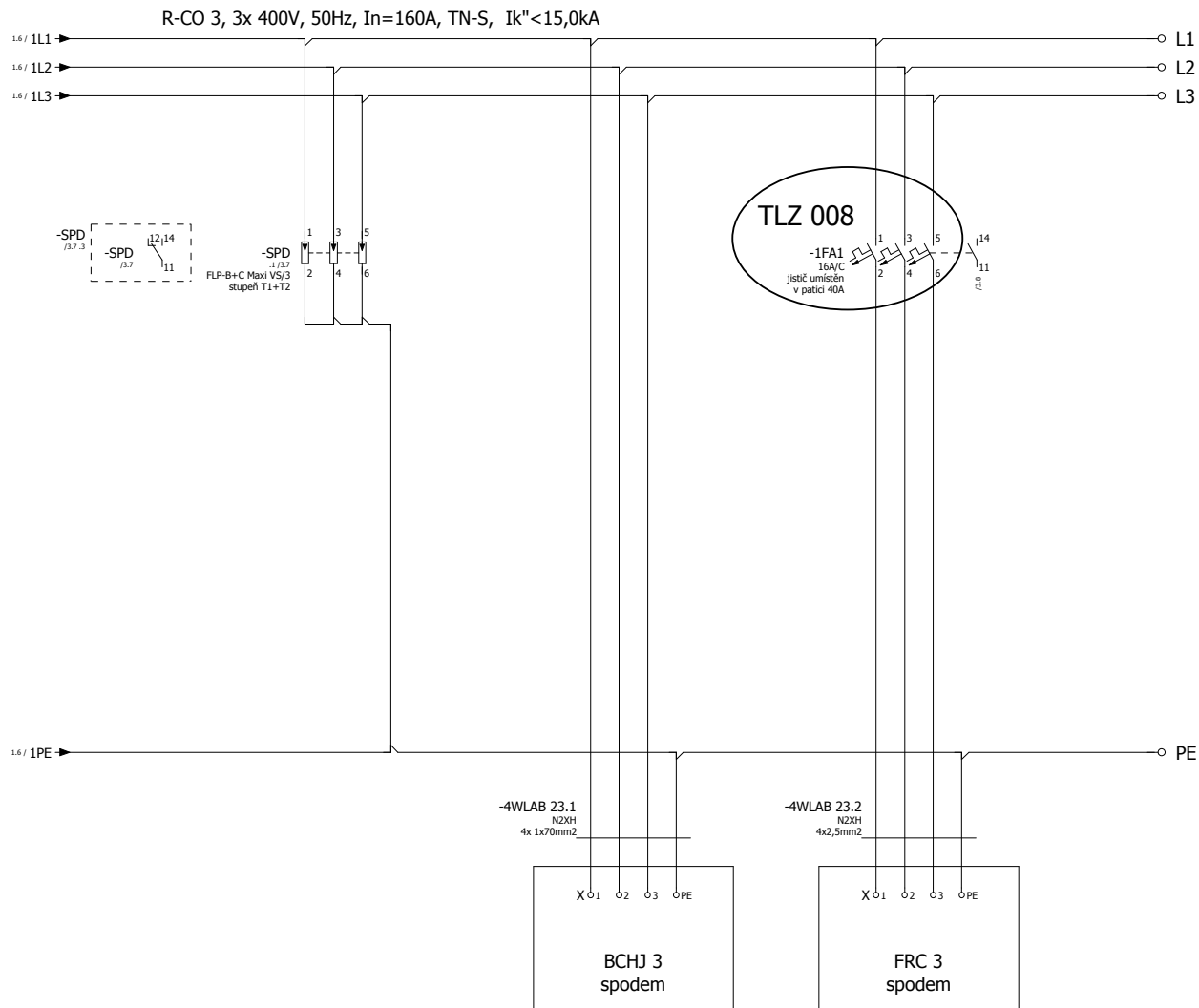


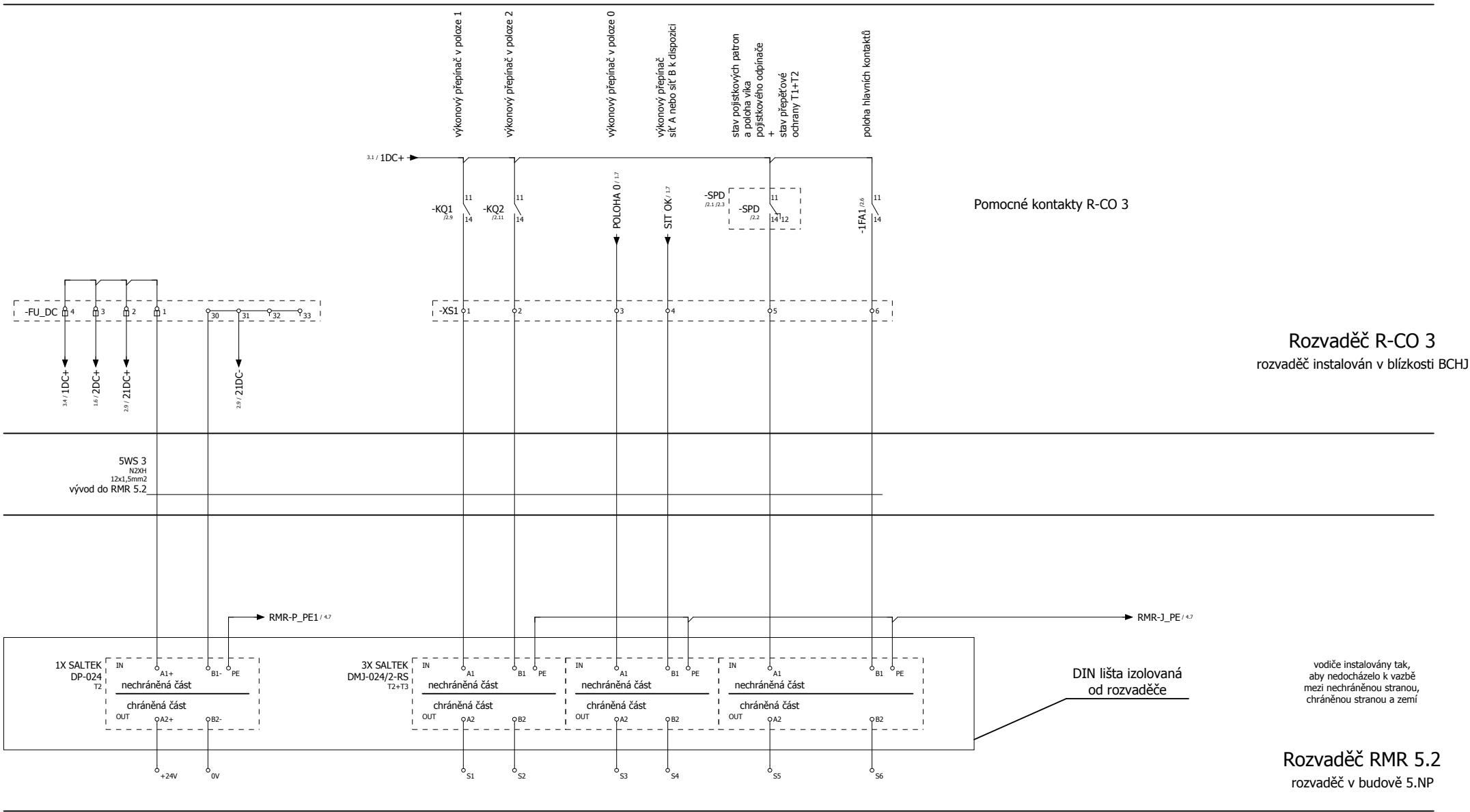


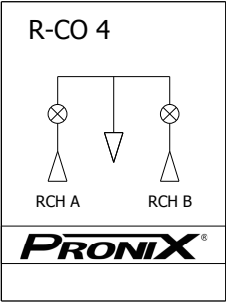


+RCO2/4









+RCO3/4

SUPERPOČÍTAČOVÉ CENTRUM
IT4INNOVATIONS

A4 2014

Kreslil: Ing. Aleš Vyskočil
Datum:

Kontroloval: Ing. Aleš Vyskočil

Schválil: Ing. Milan Egart

Národní superpočítačové centrum IT4I
Studentská 6231/1B
708 33 Ostrava - Poruba

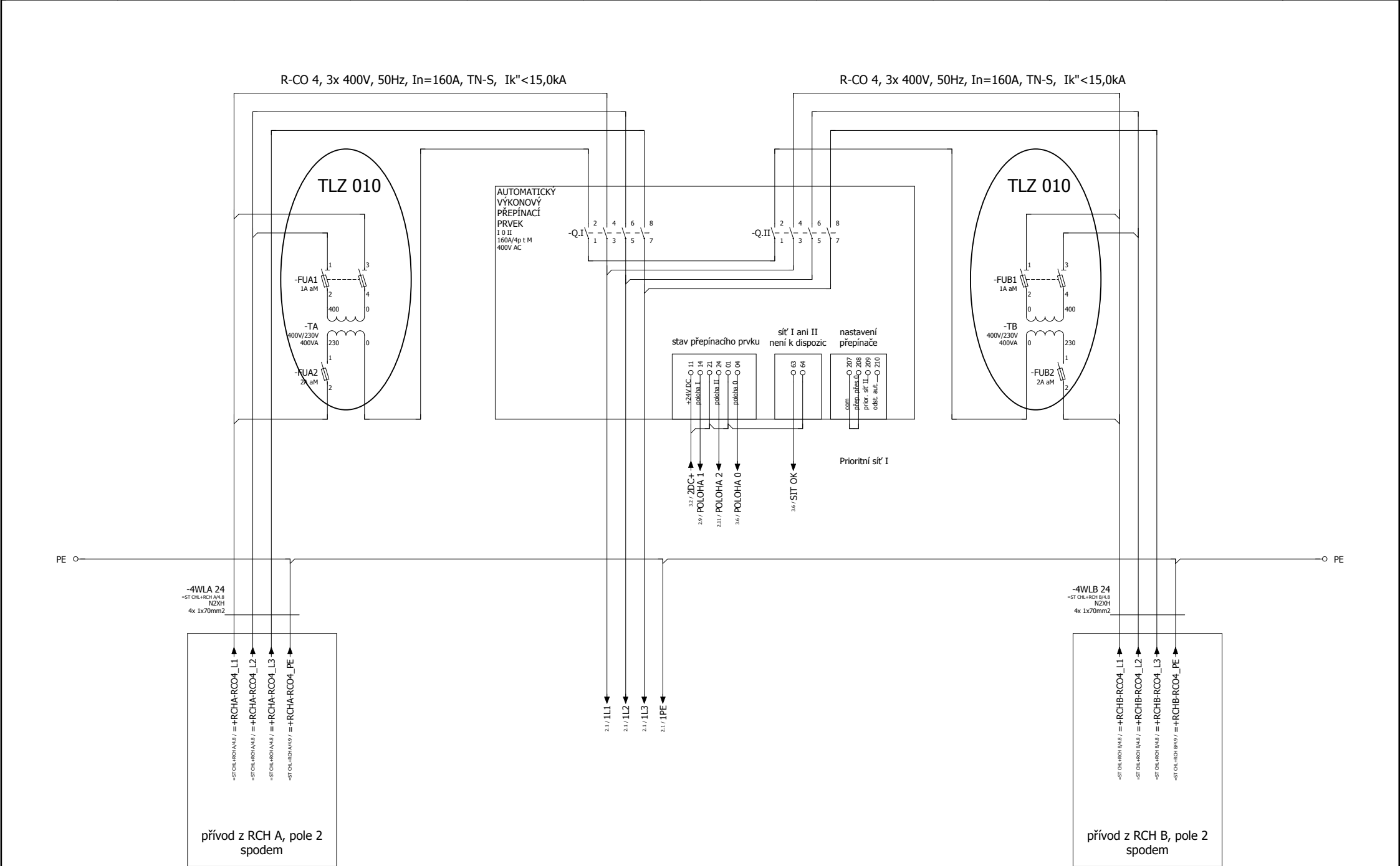
PRONIX s.r.o.
Poděbradská 55/88
Praha 9 190 00

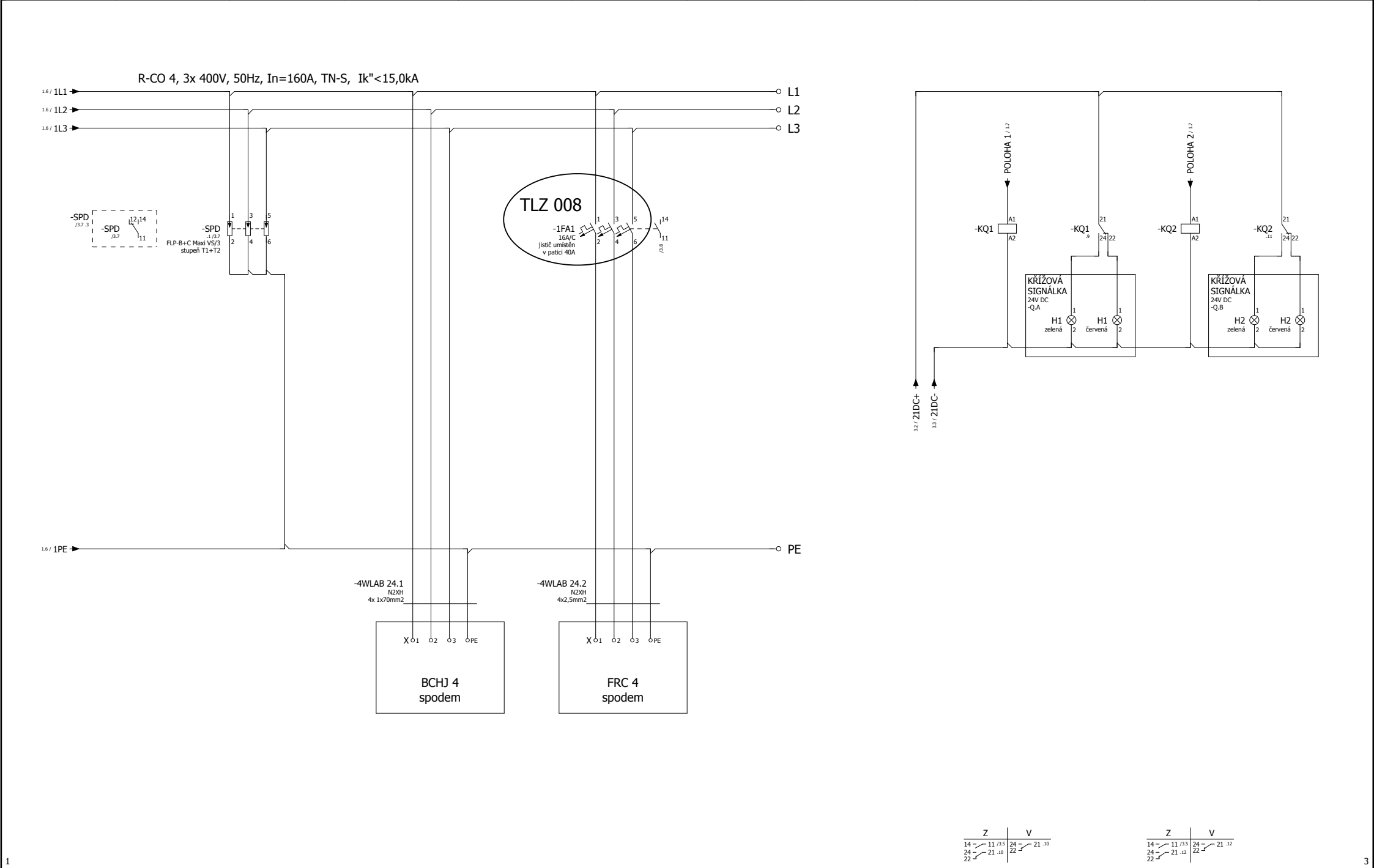
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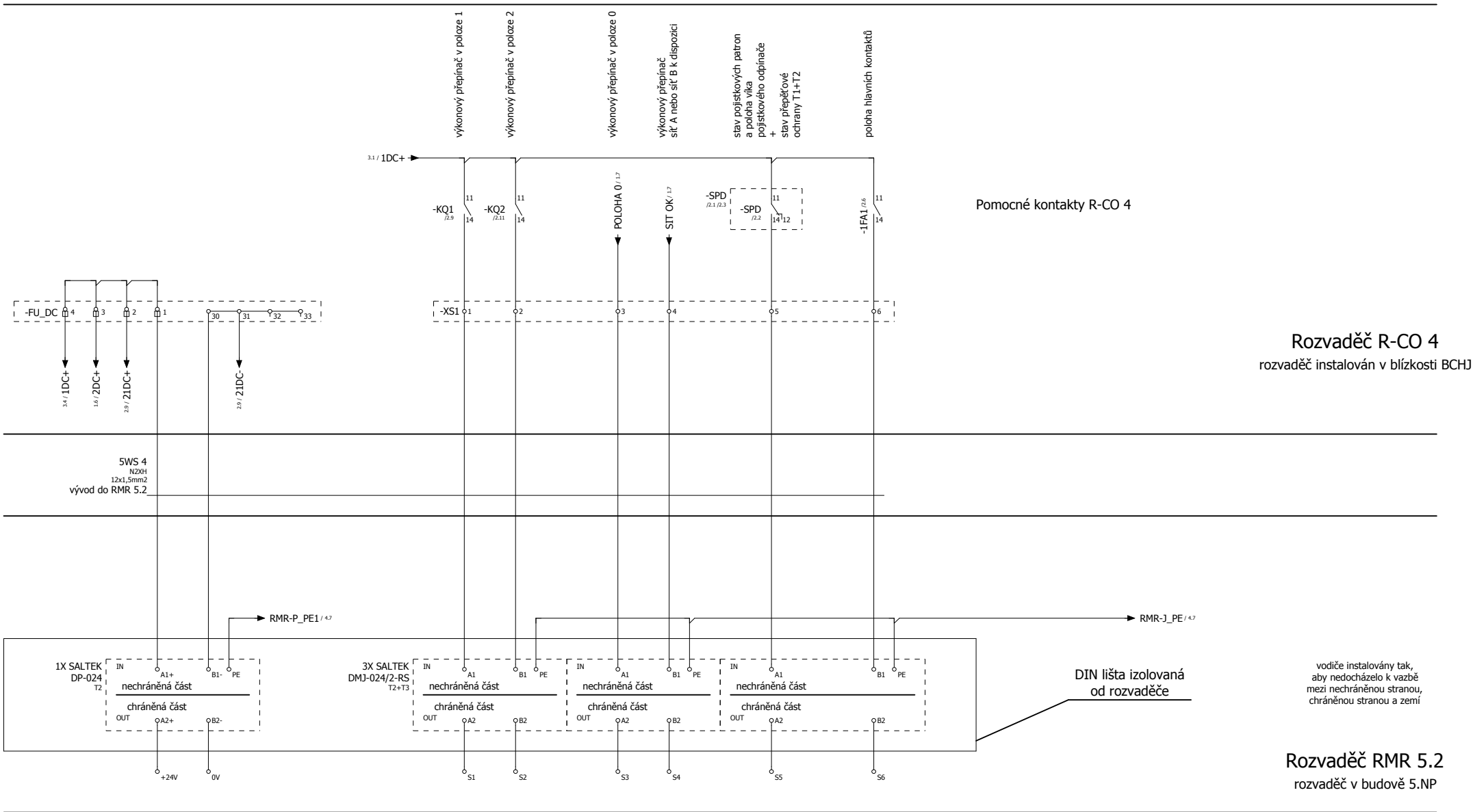
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Z03140

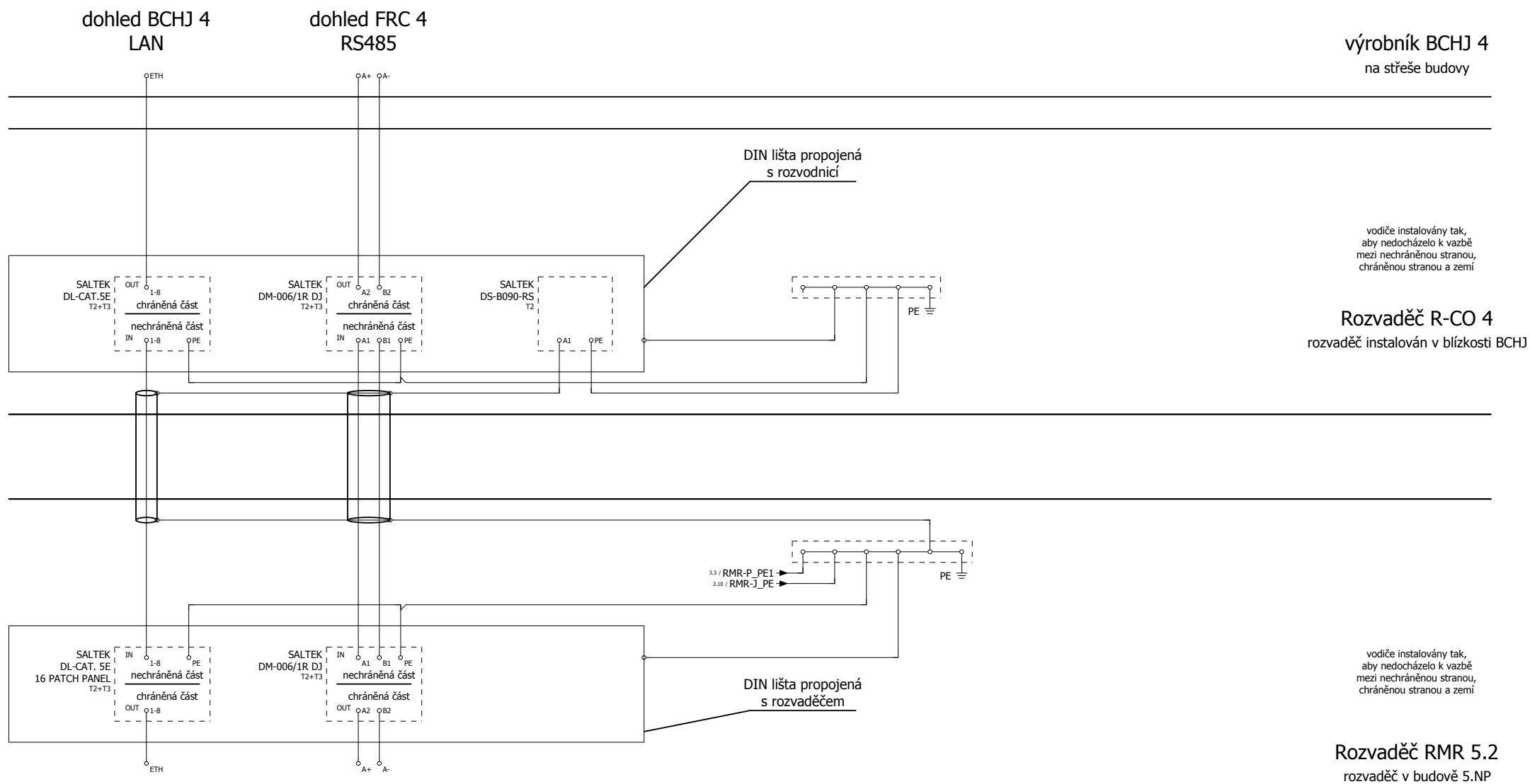
Stupeň projektu:
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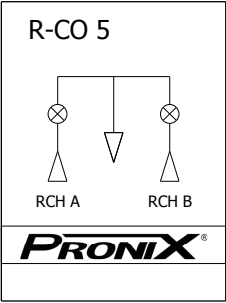
=STRECHA
+RCO4
Strana / stran celkem
0 / 195











+RCO4/4

SUPERPOČÍTAČOVÉ CENTRUM
IT4INNOVATIONS

Kreslil: Ing. Aleš Vyskočil
Datum:

Kontroloval: Ing. Aleš Vyskočil

Schválil: Ing. Milan Egart

Národní superpočítačové centrum IT4I
Studentská 6231/1B
708 33 Ostrava - Poruba

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Zakázka:

Z03140

Stupeň projektu:

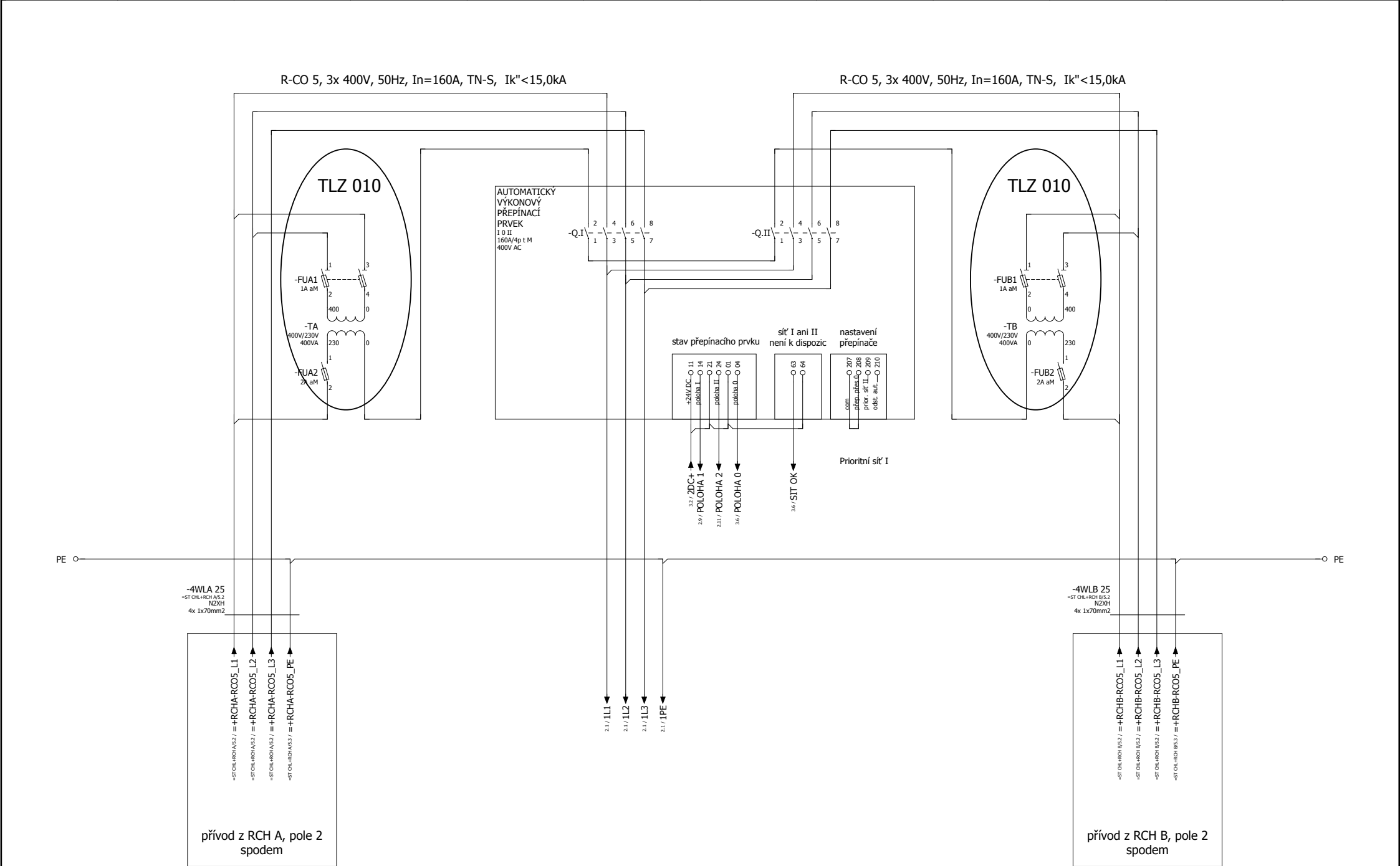
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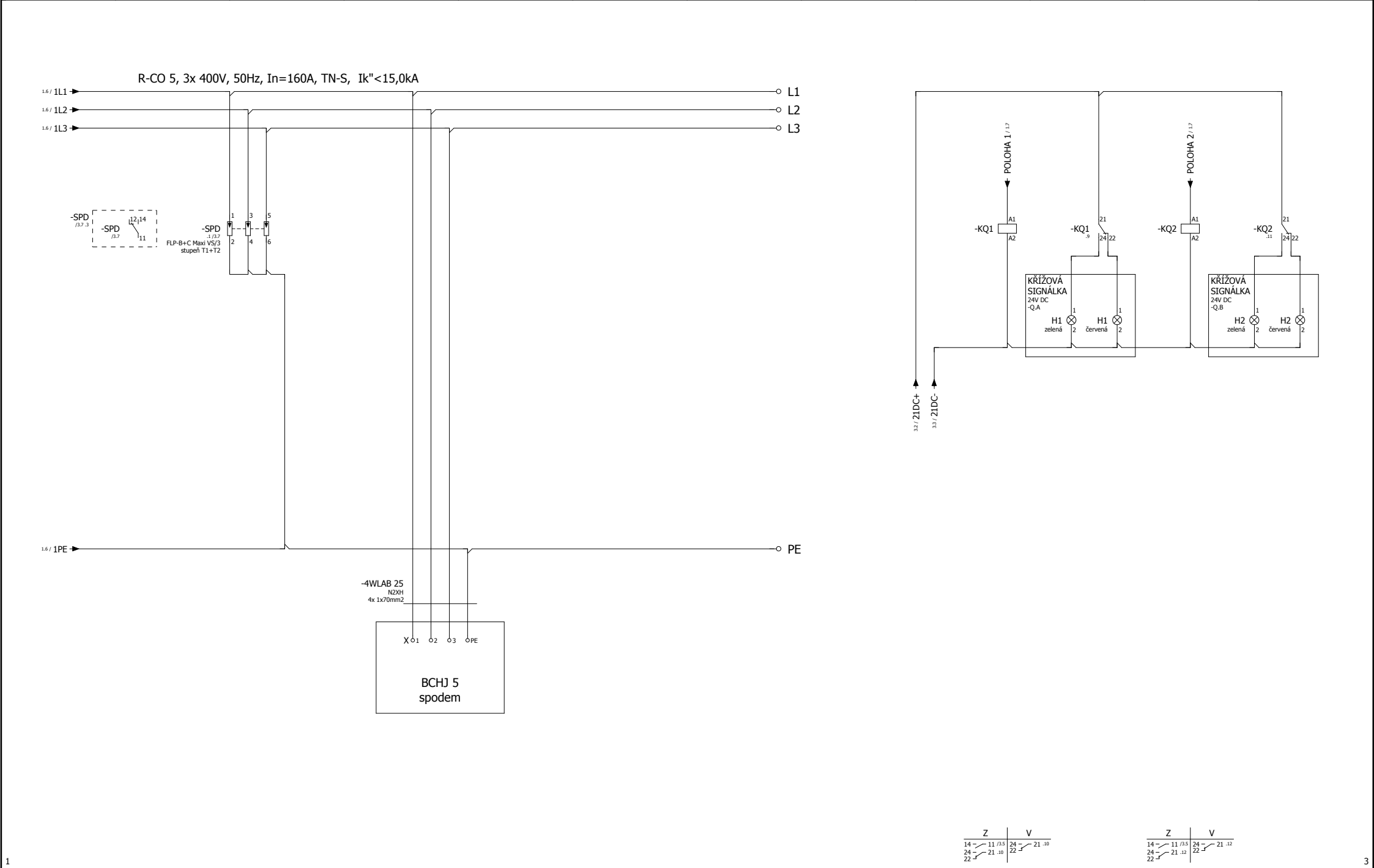
=STRECHA

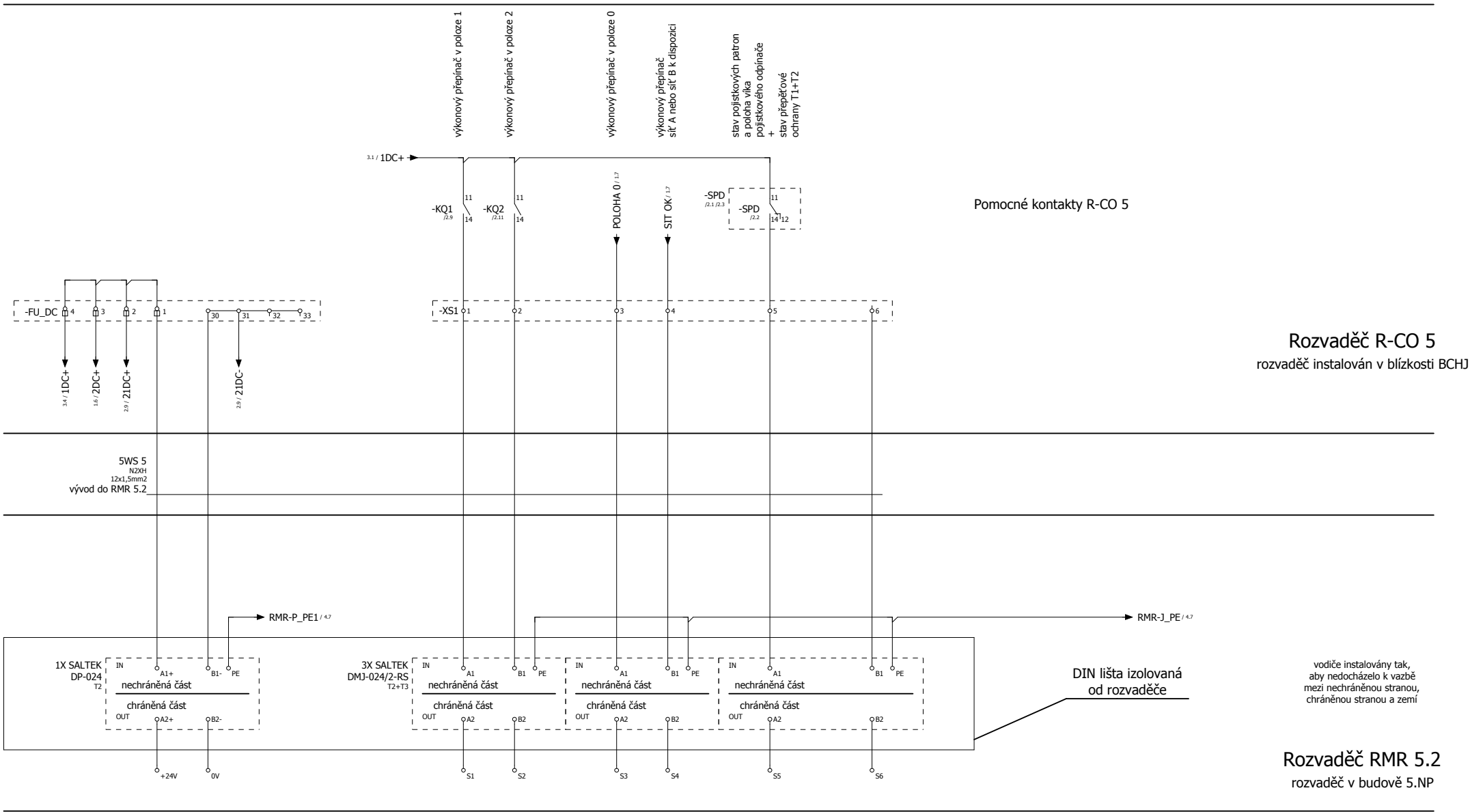
+RCO5

Strana / stran celkem

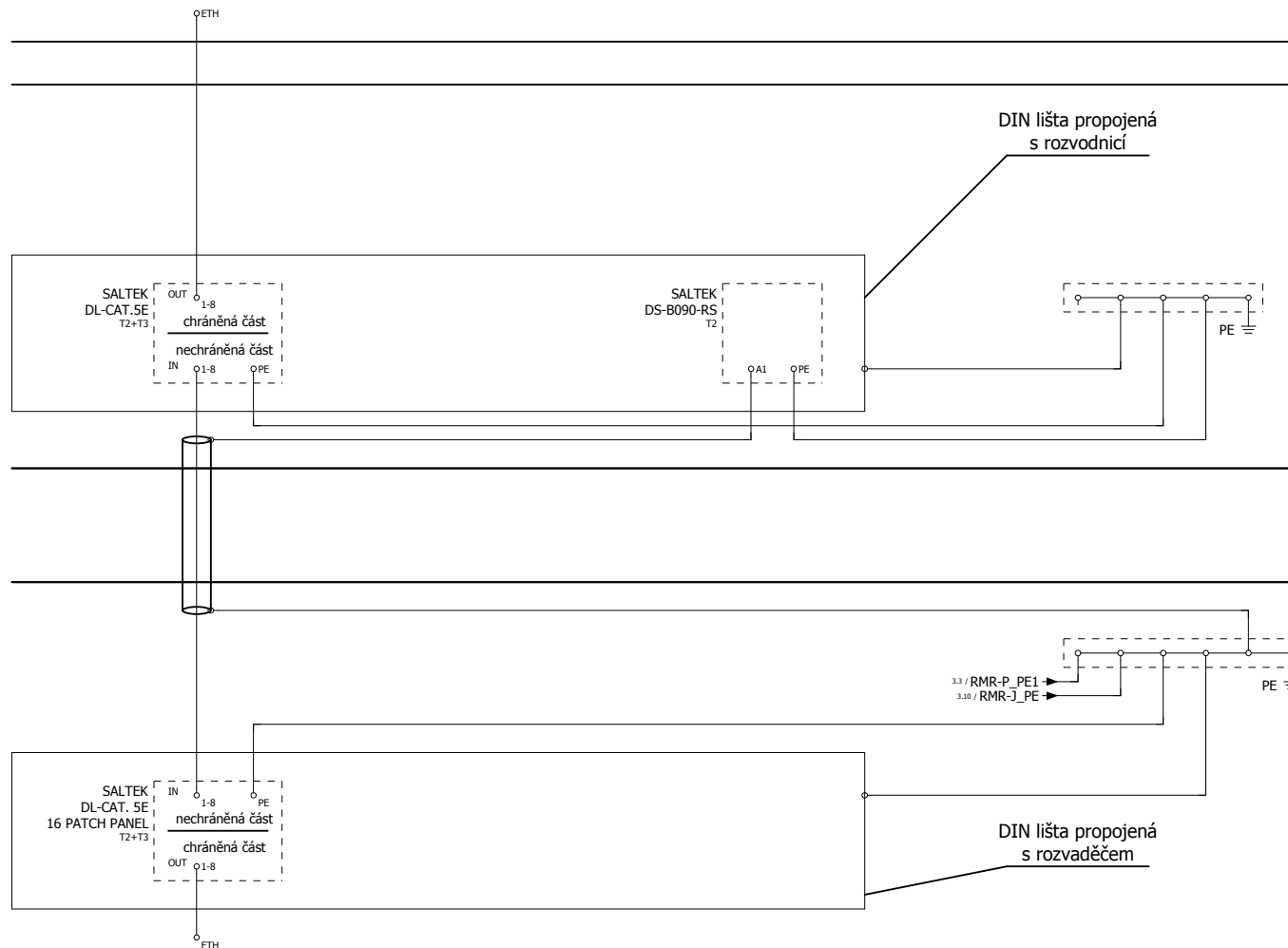
0 / 195







výrobník BCHJ 5
na střeše budovy

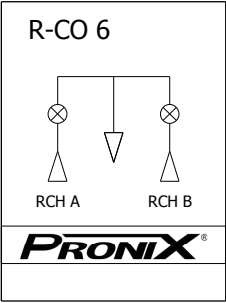


vodiče instalovány tak,
aby nedocházelo k vazbě
mezi nechráněnou stranou,
chráněnou stranou a zemí

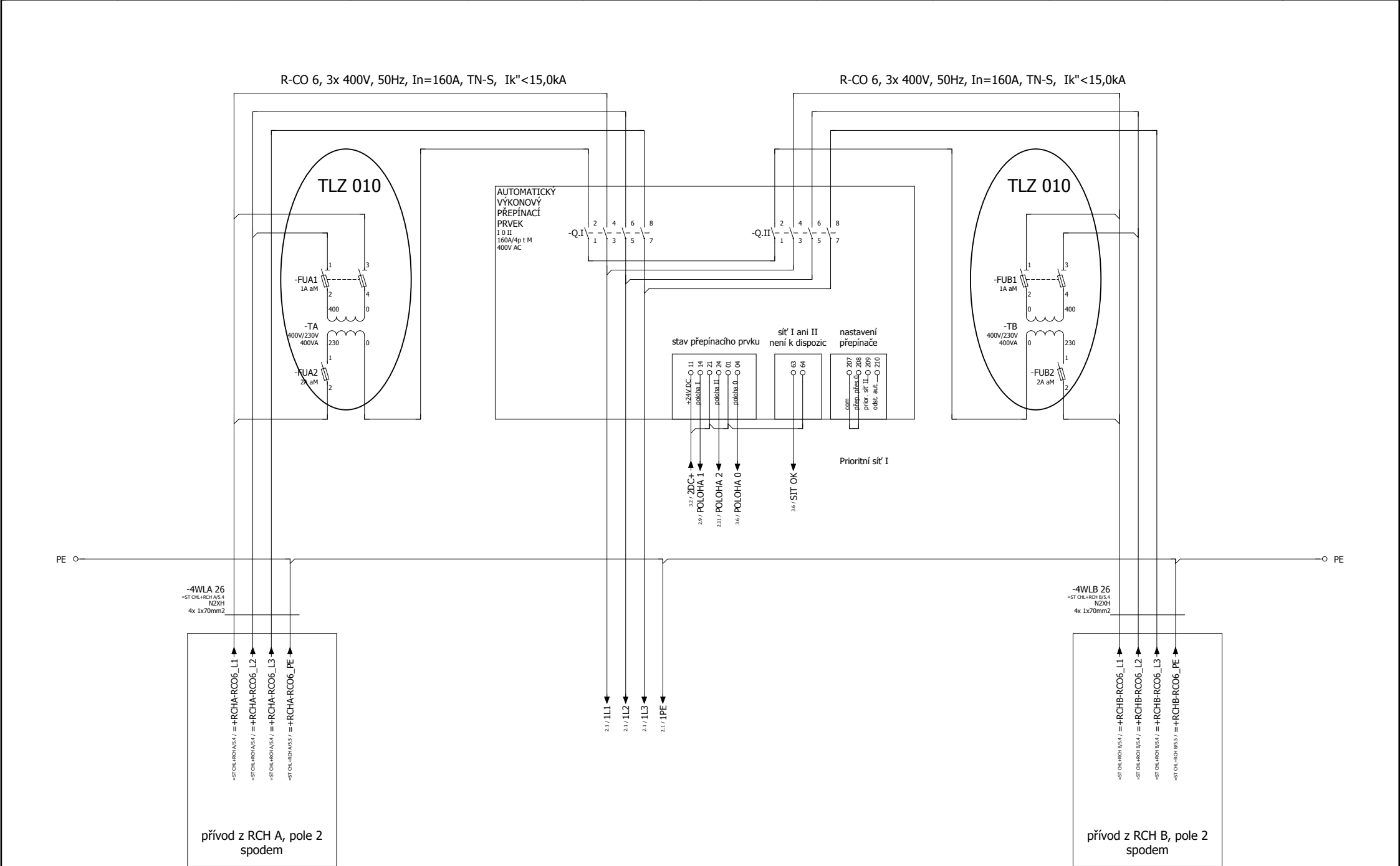
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rozvaděč instalován v blízkosti BCHJ

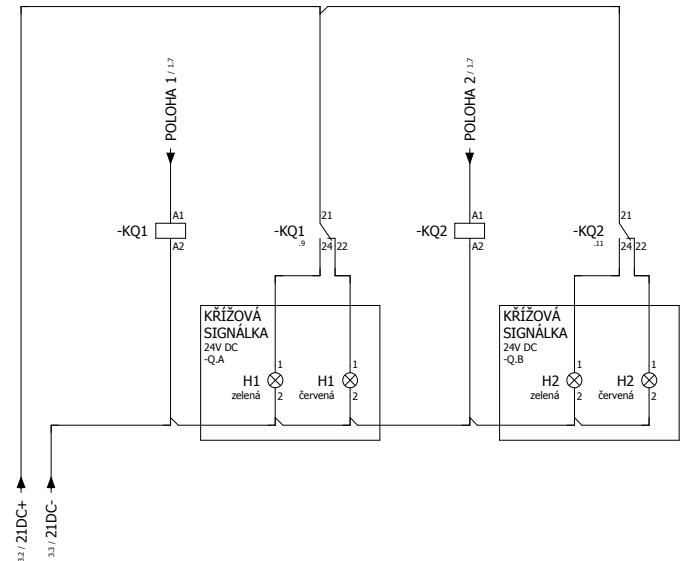
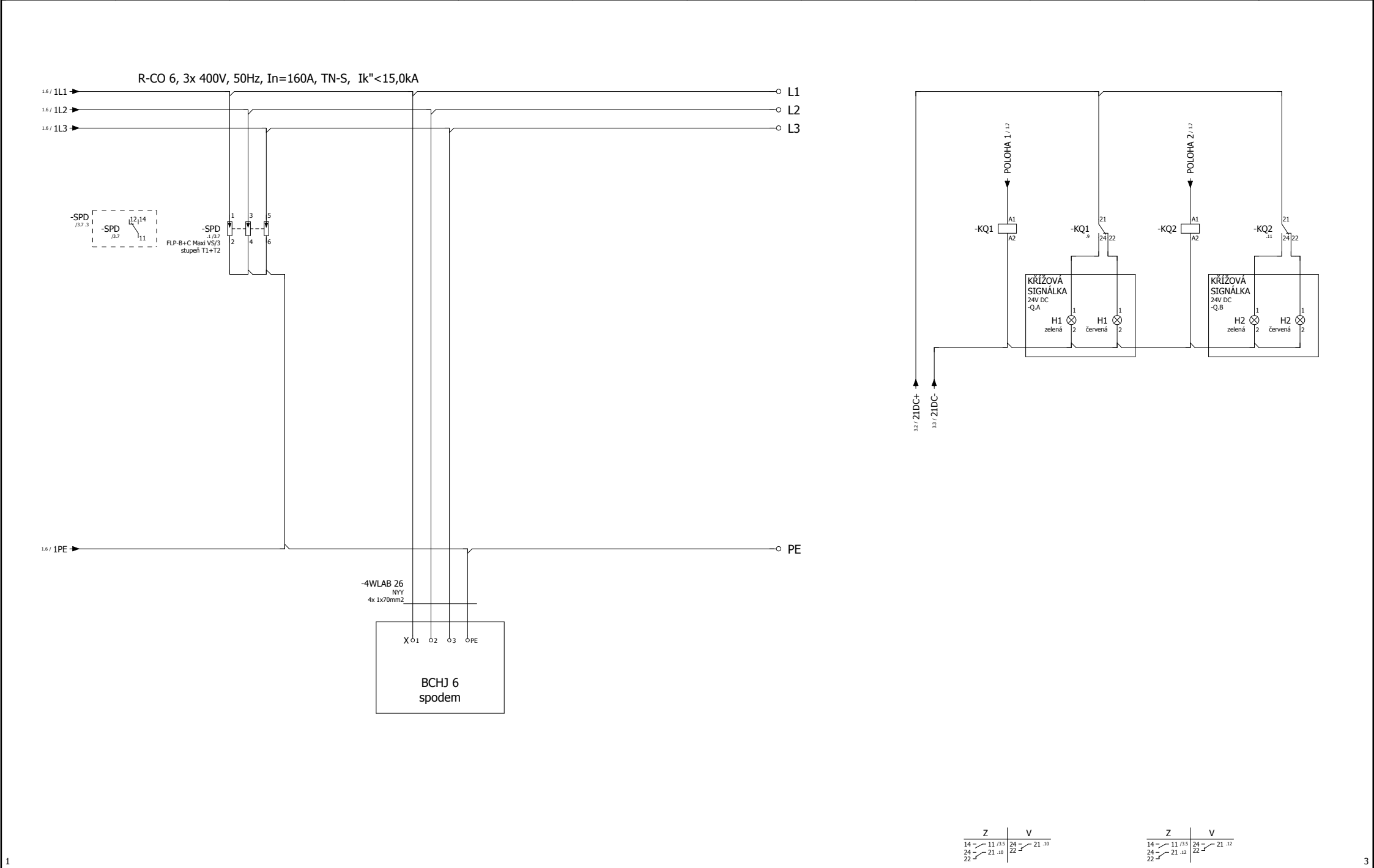
vodiče instalovány tak,
aby nedocházelo k vazbě
mezi nechráněnou stranou,
chráněnou stranou a zemí

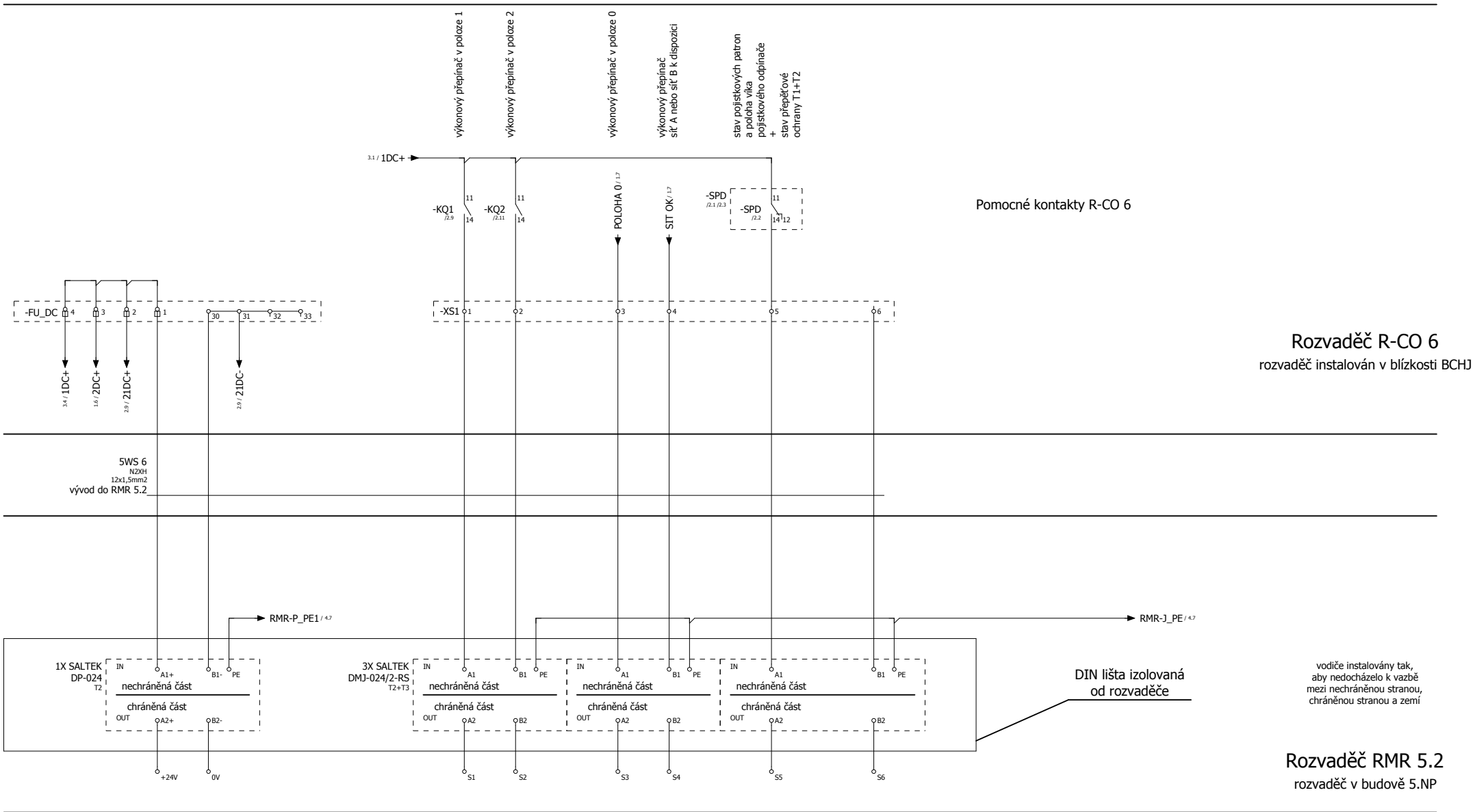
Rozvaděč RMR 5.2
rozvaděč v budově 5.NP



+RC05/4

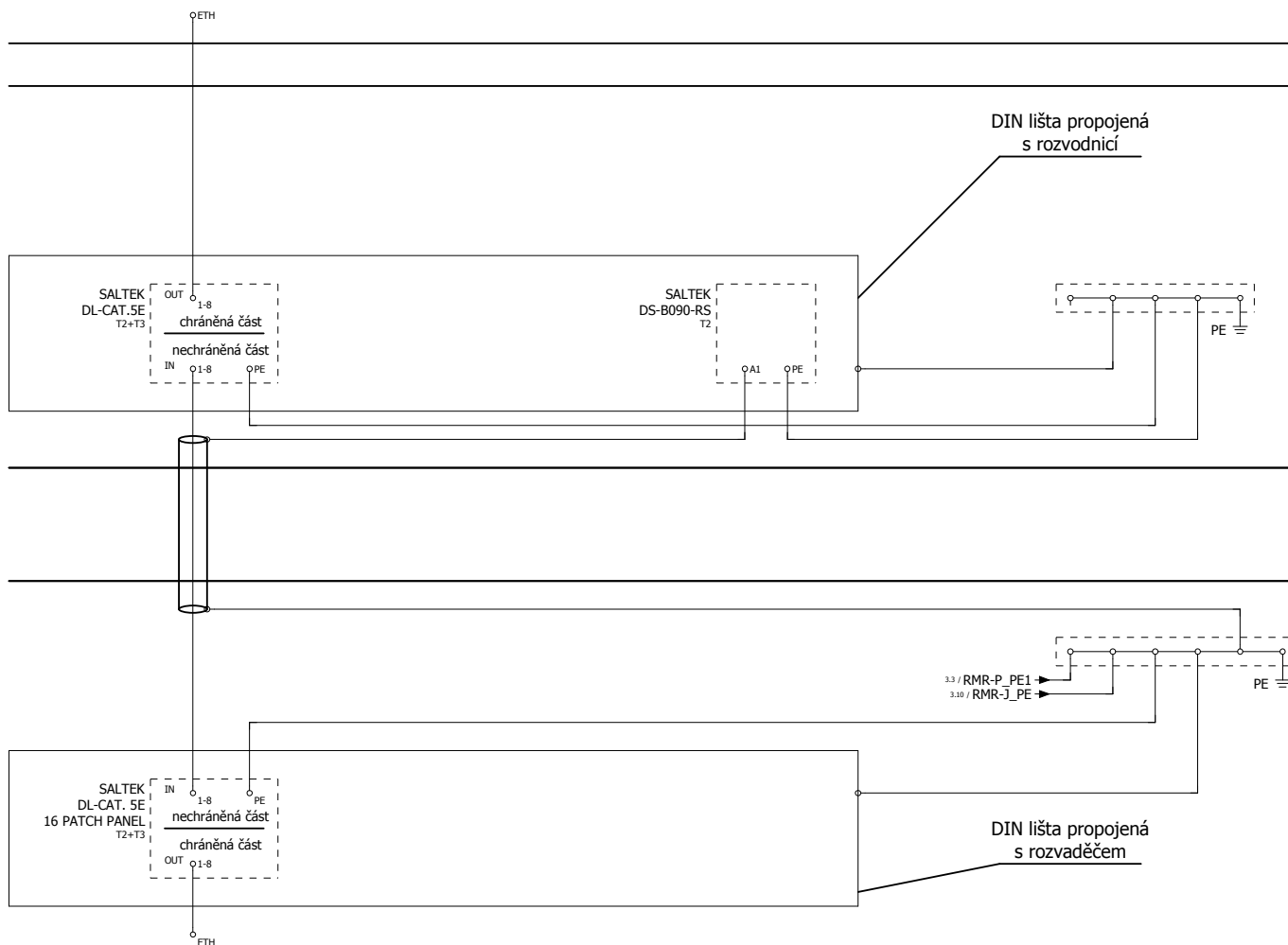






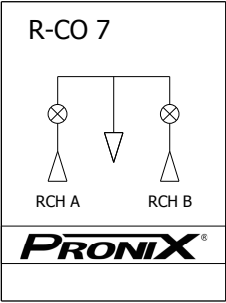
dohled BCHJ 6
LAN

výrobník BCHJ 6
na střeše budovy



Rozvaděč R-CO 6
rozvaděč instalován v blízkosti BCHJ

Rozvaděč RMR 5.2
rozvaděč v budově 5.NP



+RCO6/4

SUPERPOČÍTAČOVÉ CENTRUM
IT4INNOVATIONS

A4 2014

Kreslil: Ing. Aleš Vyskočil
Datum:

Kontroloval: Ing. Aleš Vyskočil

Schválil: Ing. Milan Egart

Národní superpočítačové centrum IT4I
Studentská 6231/1B
708 33 Ostrava - Poruba

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Zakázka:

Z03140

Stupeň projektu:

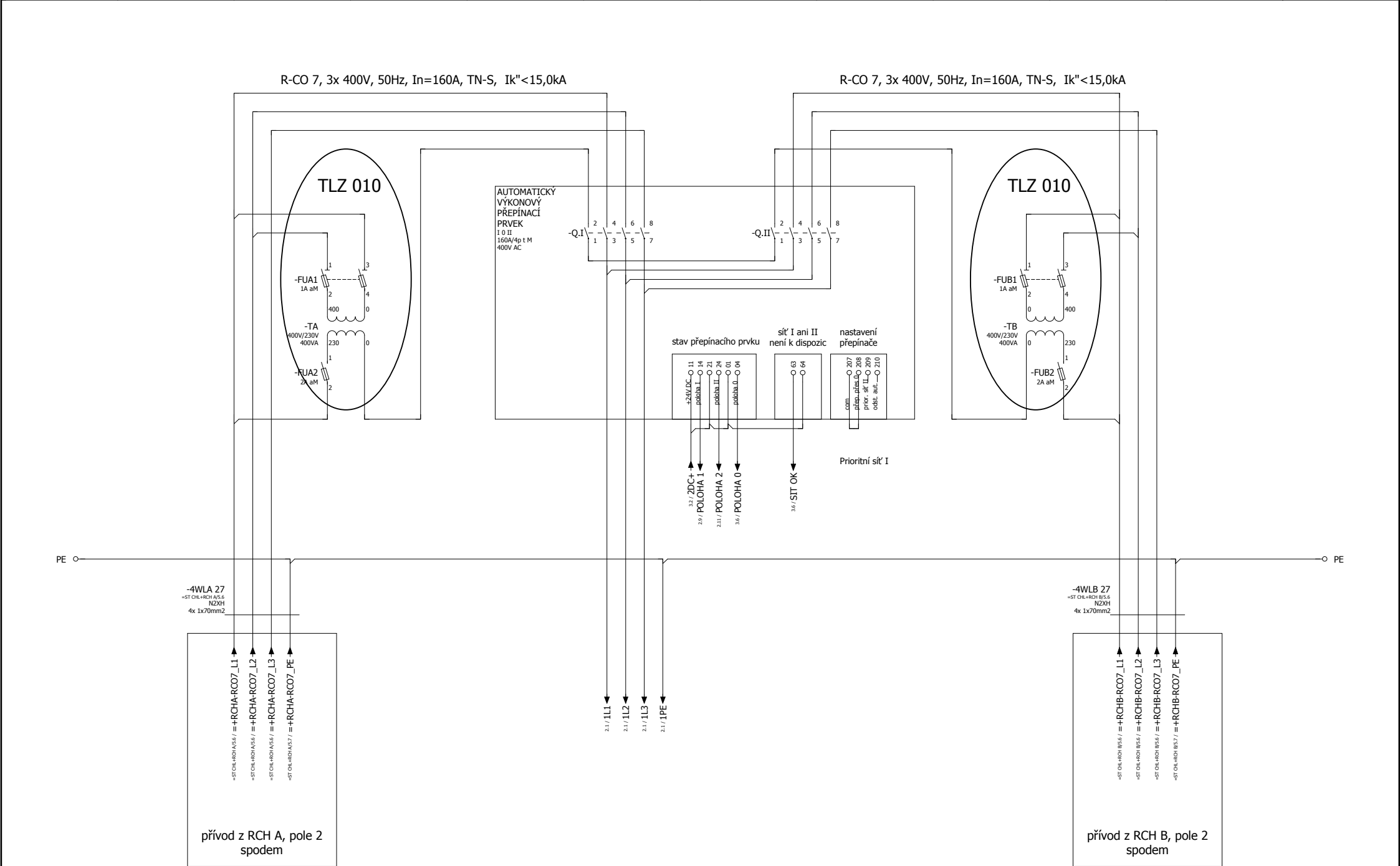
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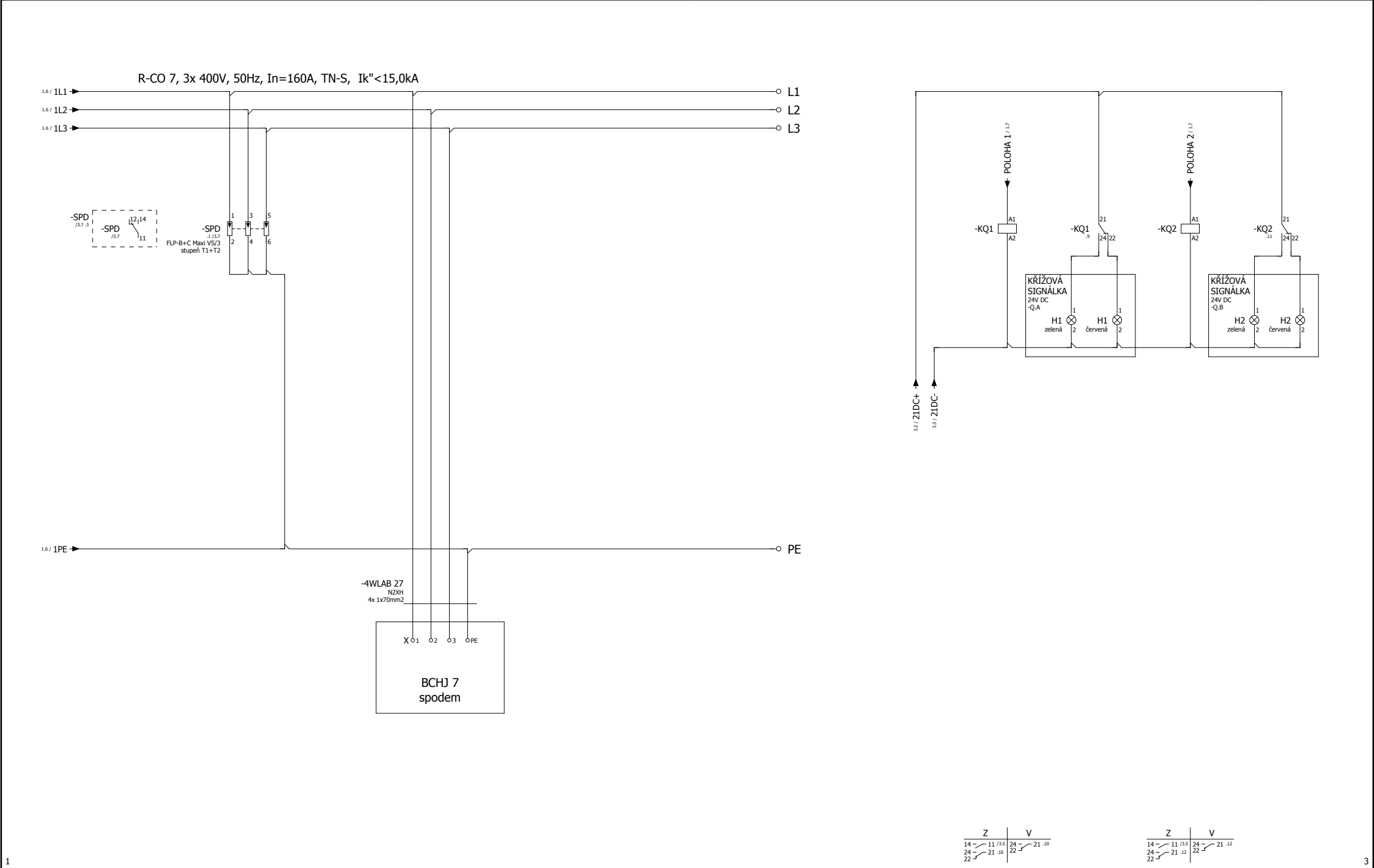
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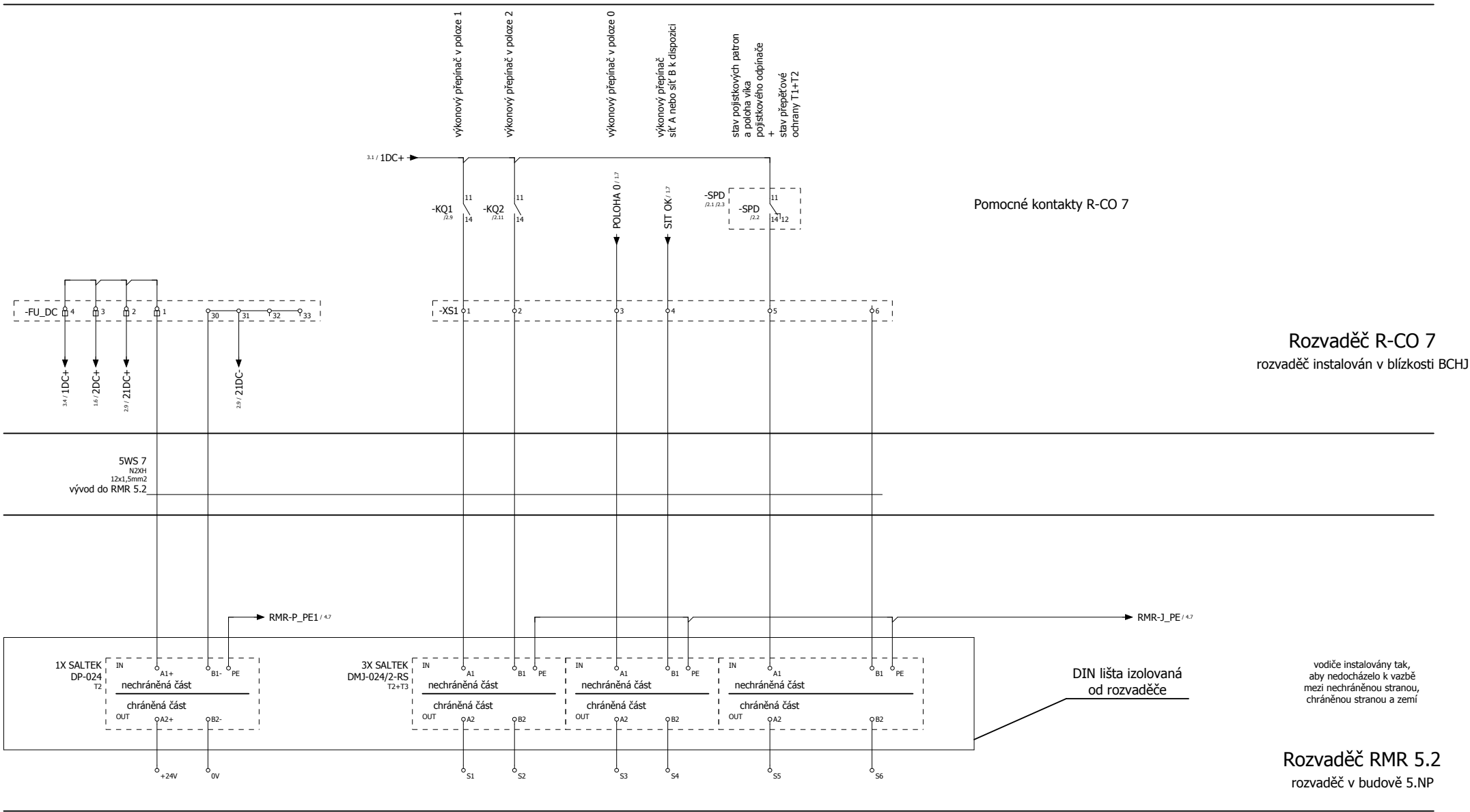
+RCO7

Strana / stran celkem

0 / 195

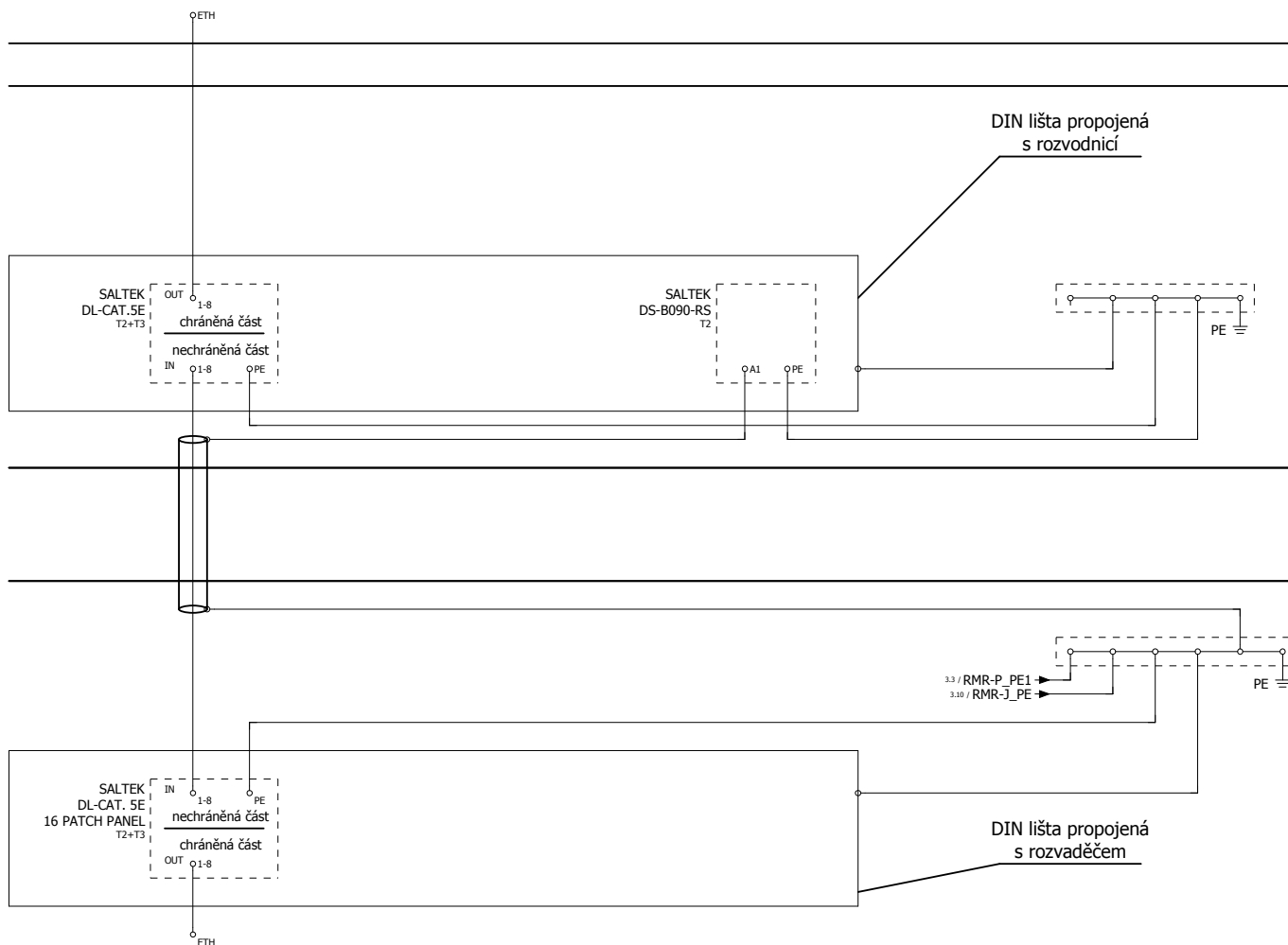






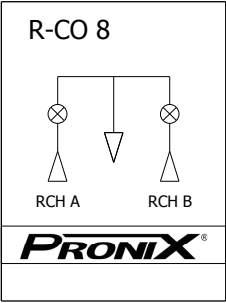
dohled BCHJ 7
LAN

výrobník BCHJ 7
na střeše budovy

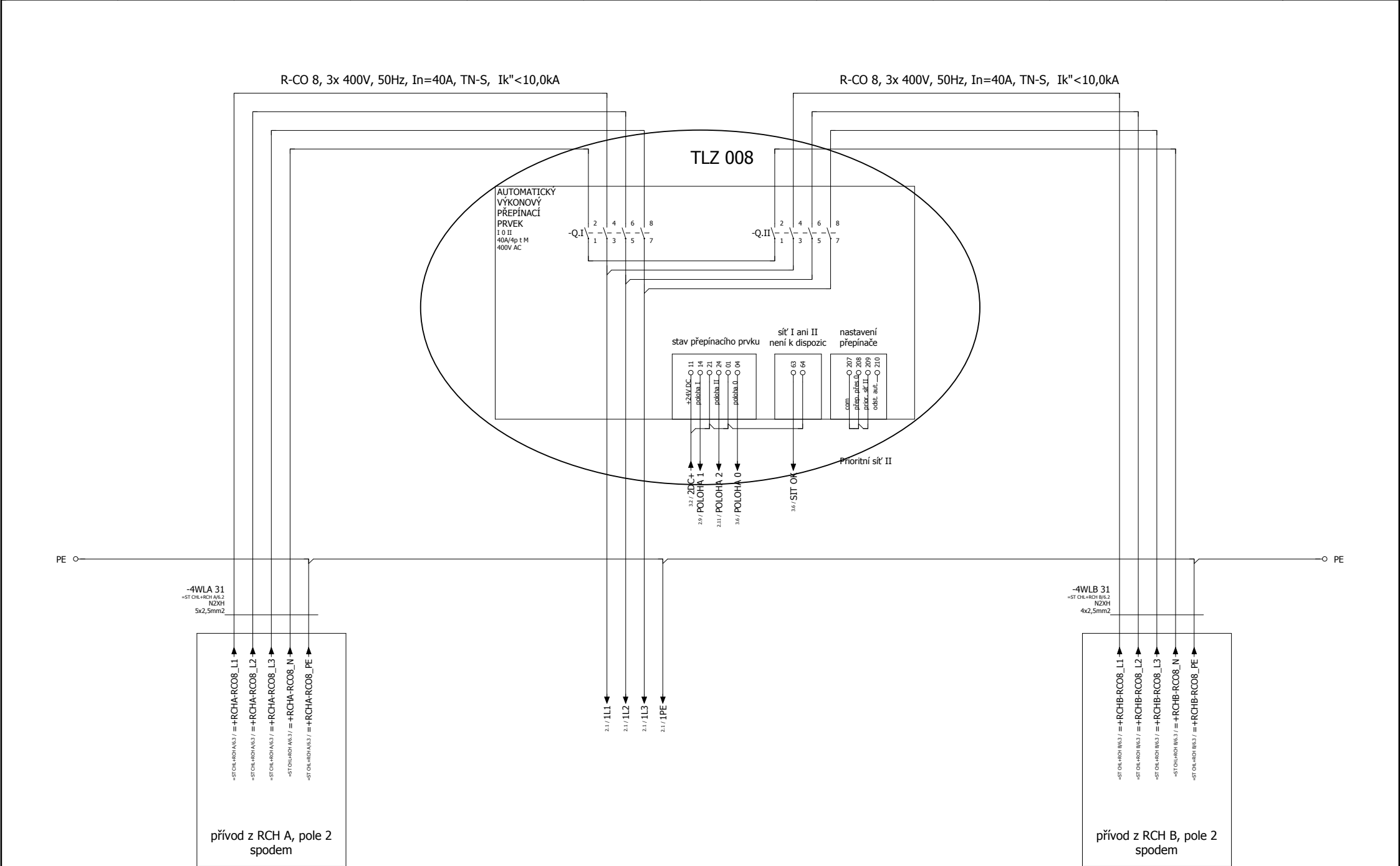


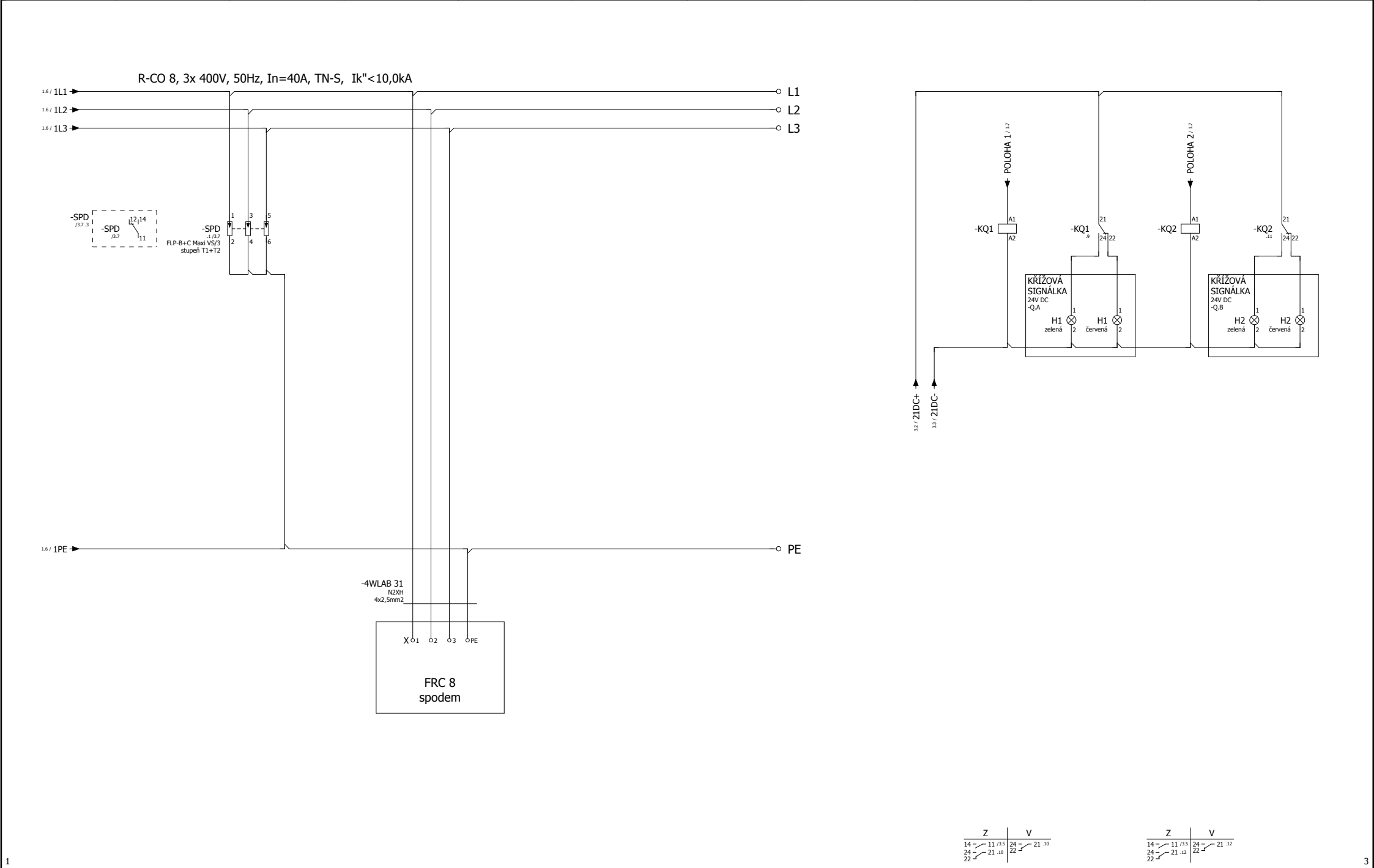
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rozvaděč instalován v blízkosti BCHJ

Rozvaděč RMR 5.2
rozvaděč v budově 5.NP

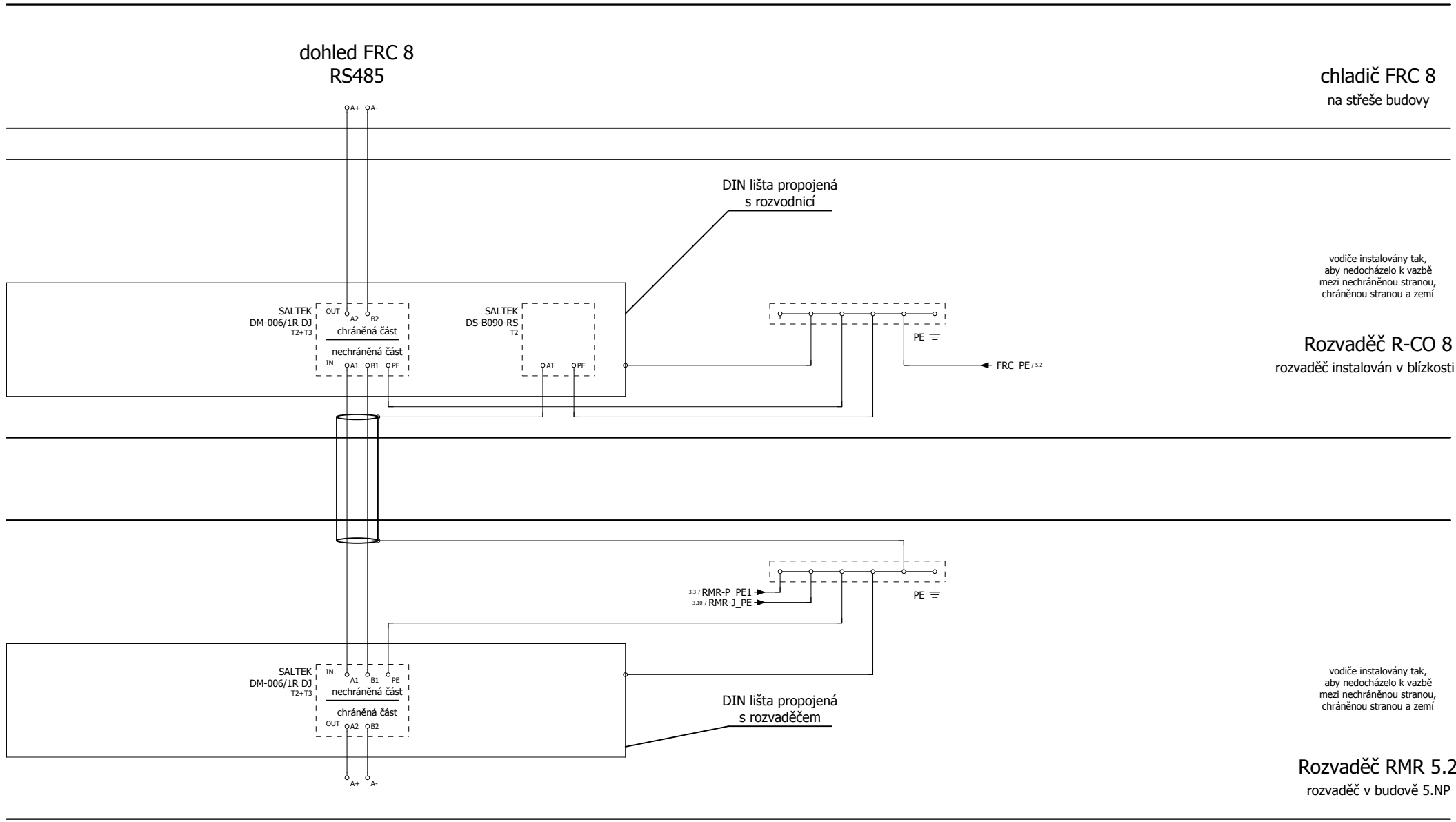


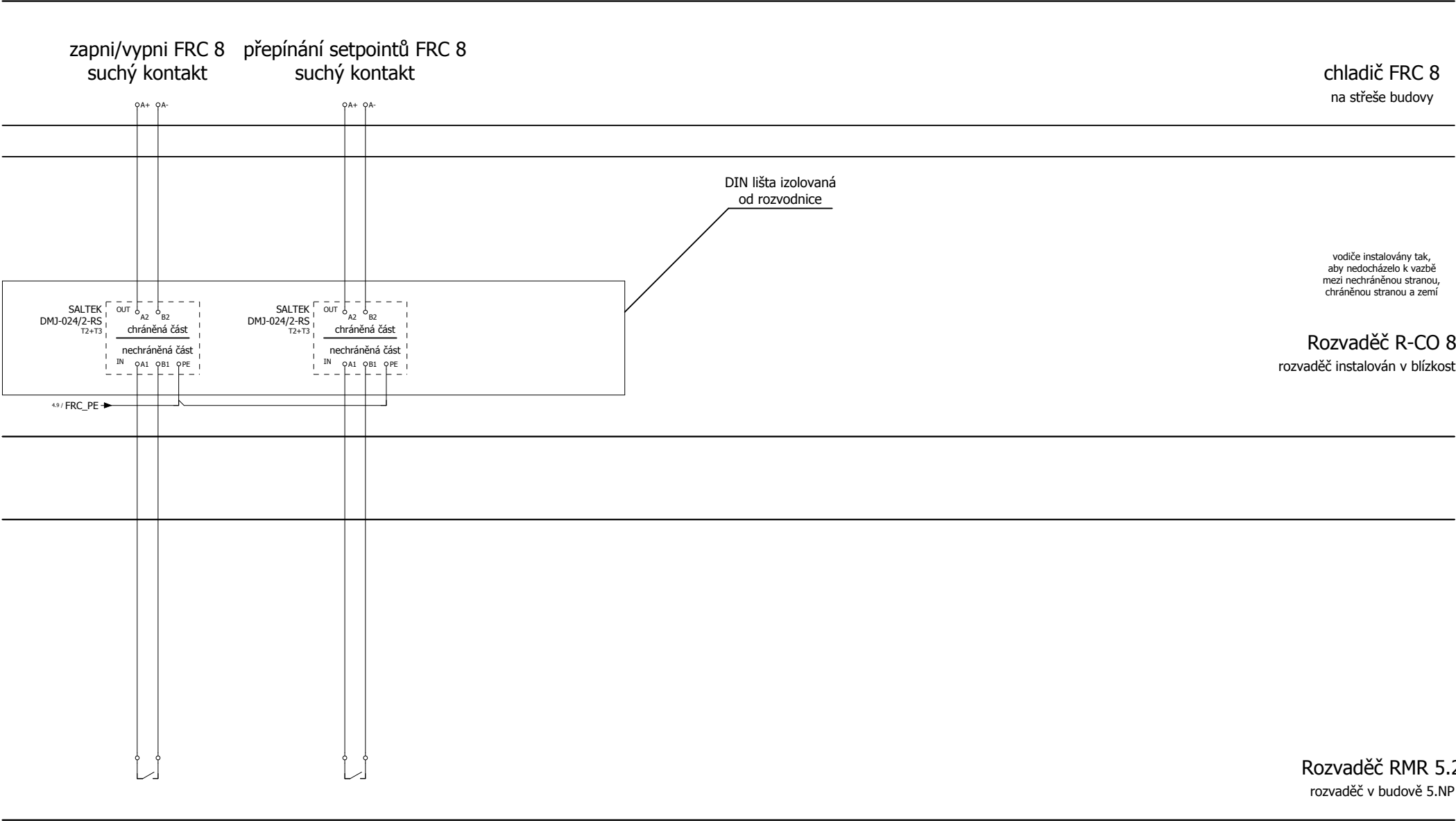
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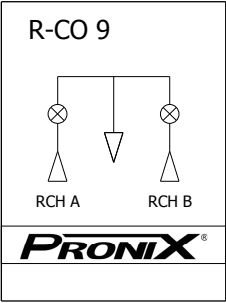




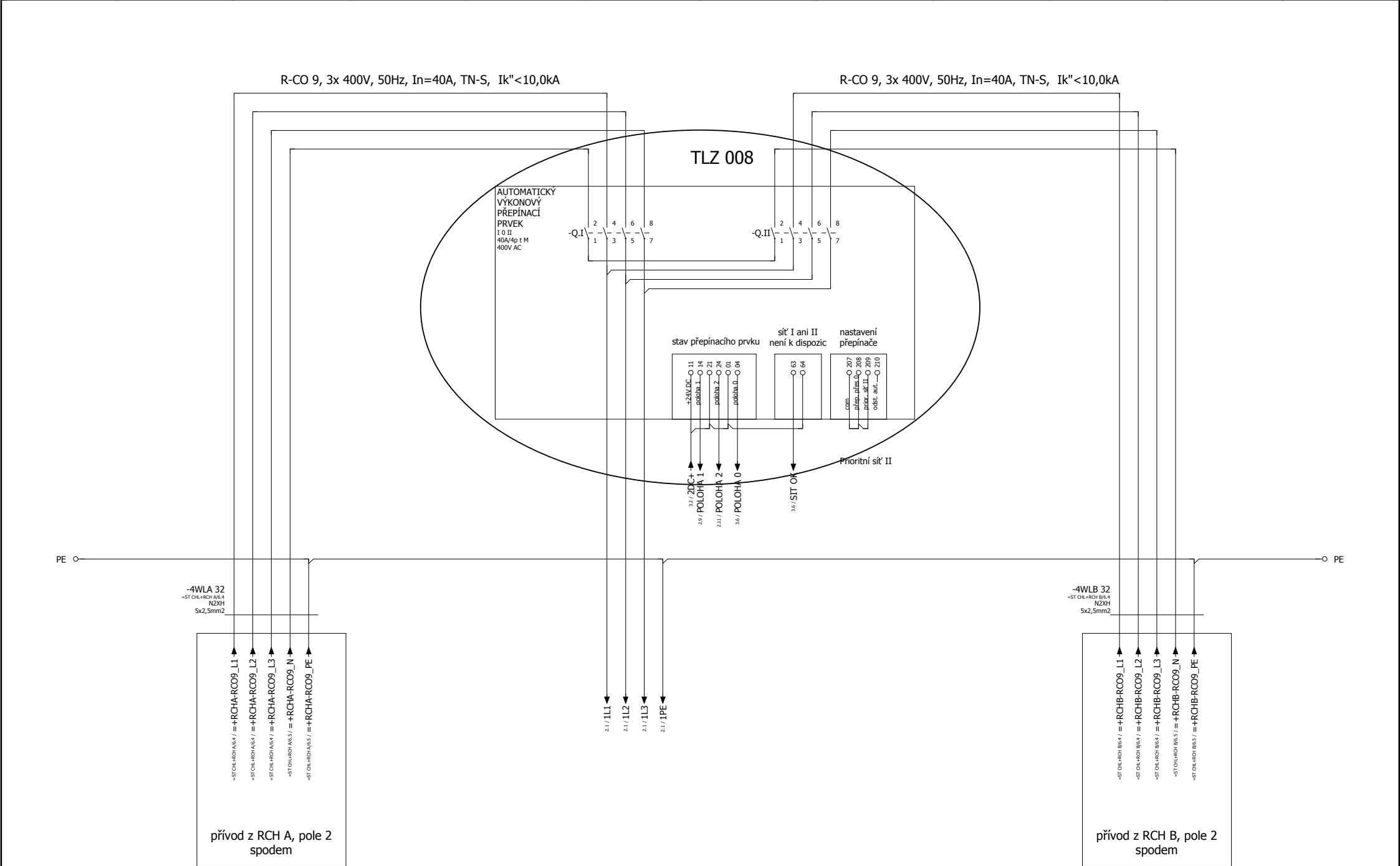


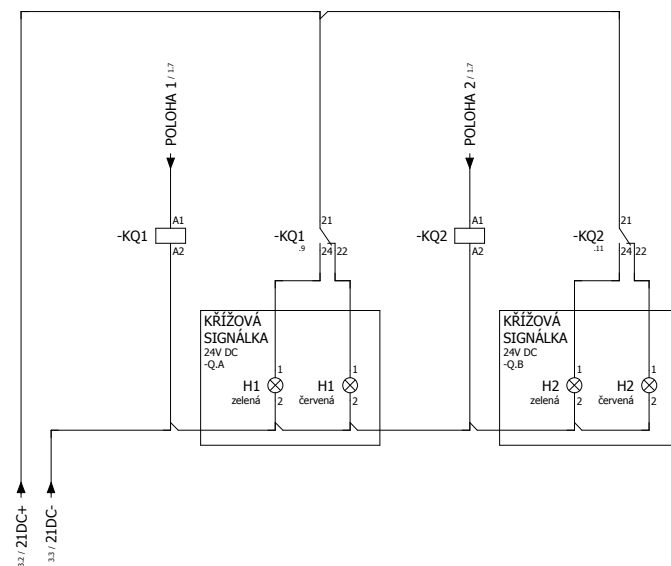




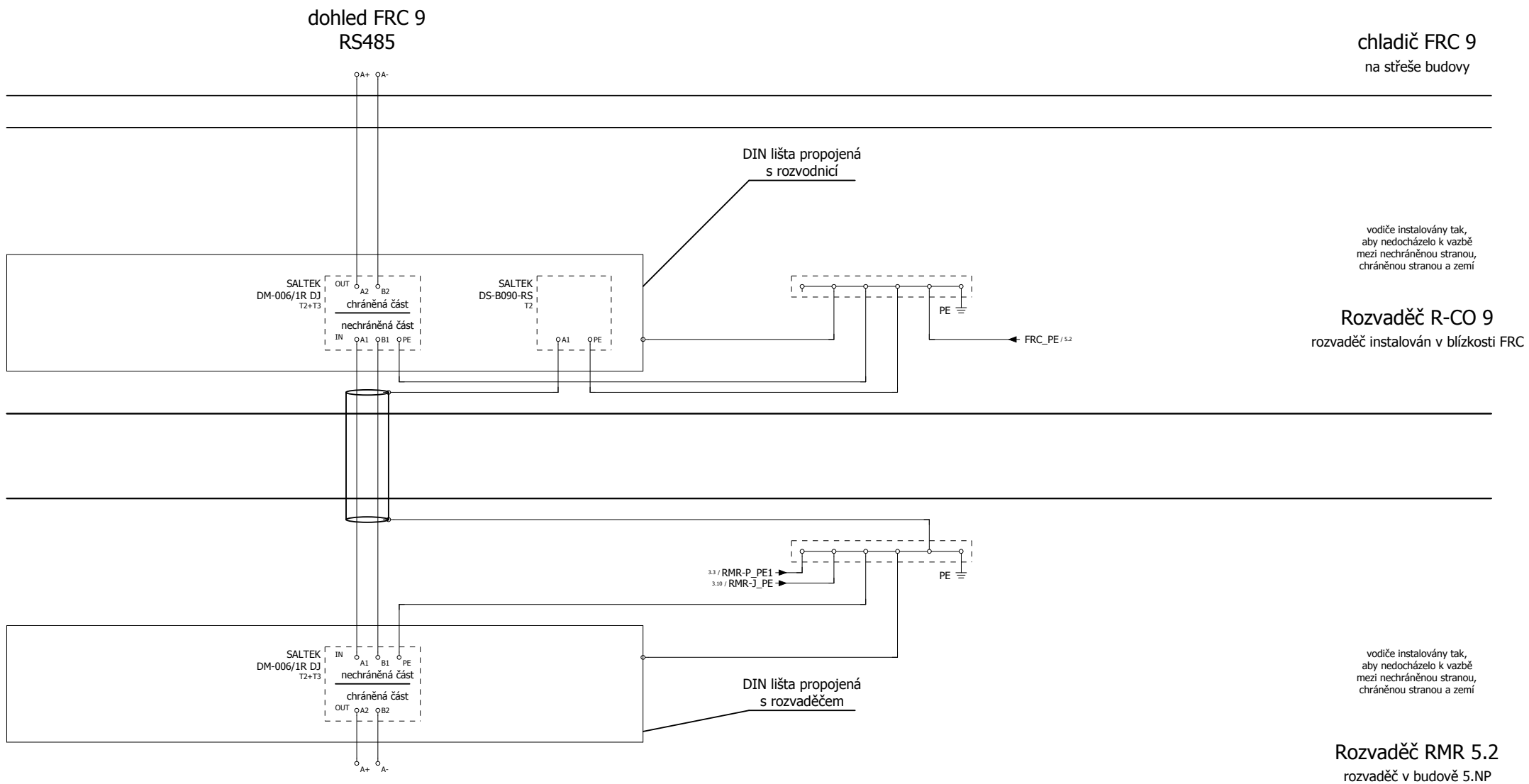


+RCO8/5



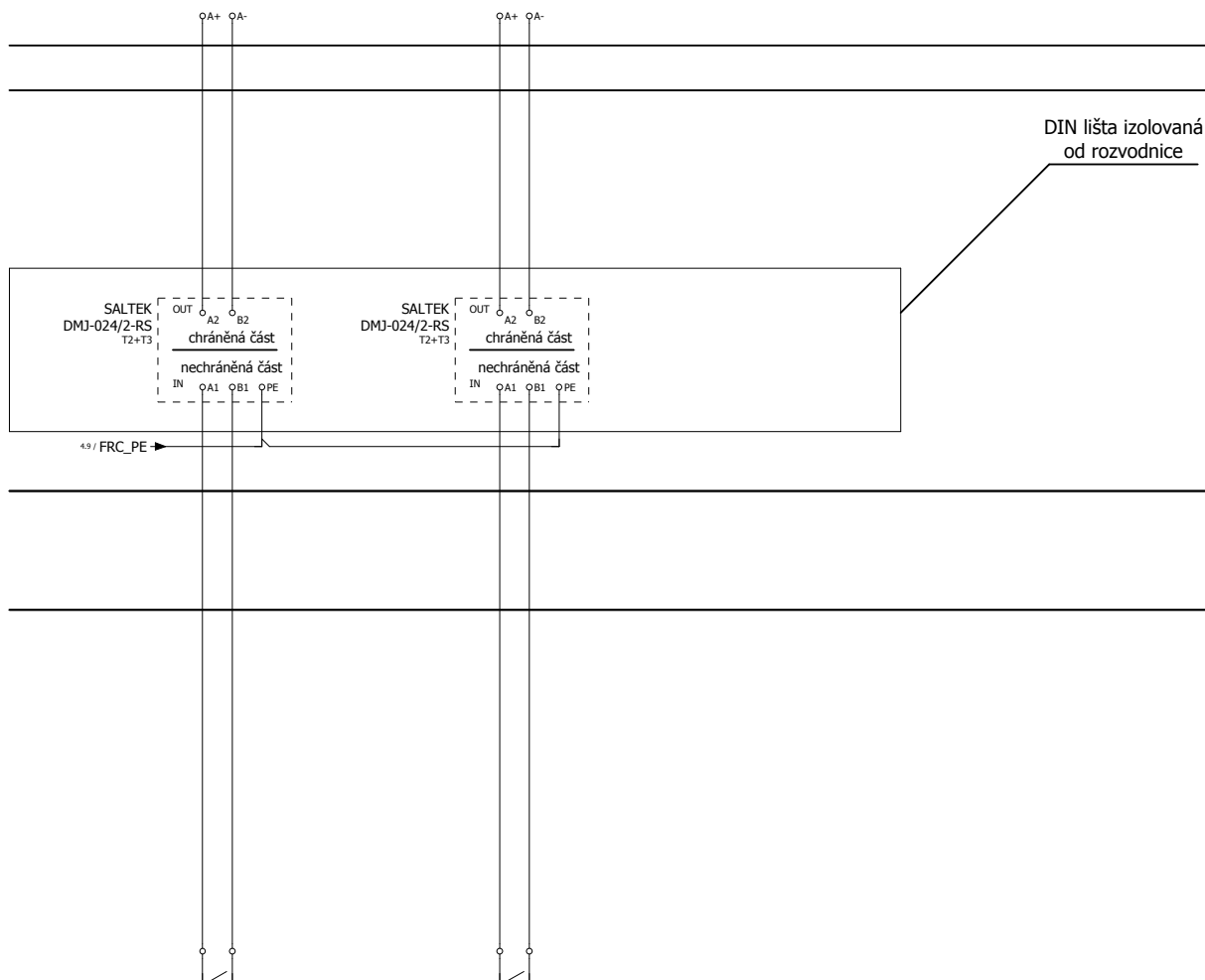






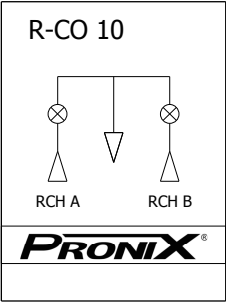
zapni/vypni FRC 9 suchý kontakt	přepínání setpointů FRC 9 suchý kontakt
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chladič FRC 9
na streše budovy

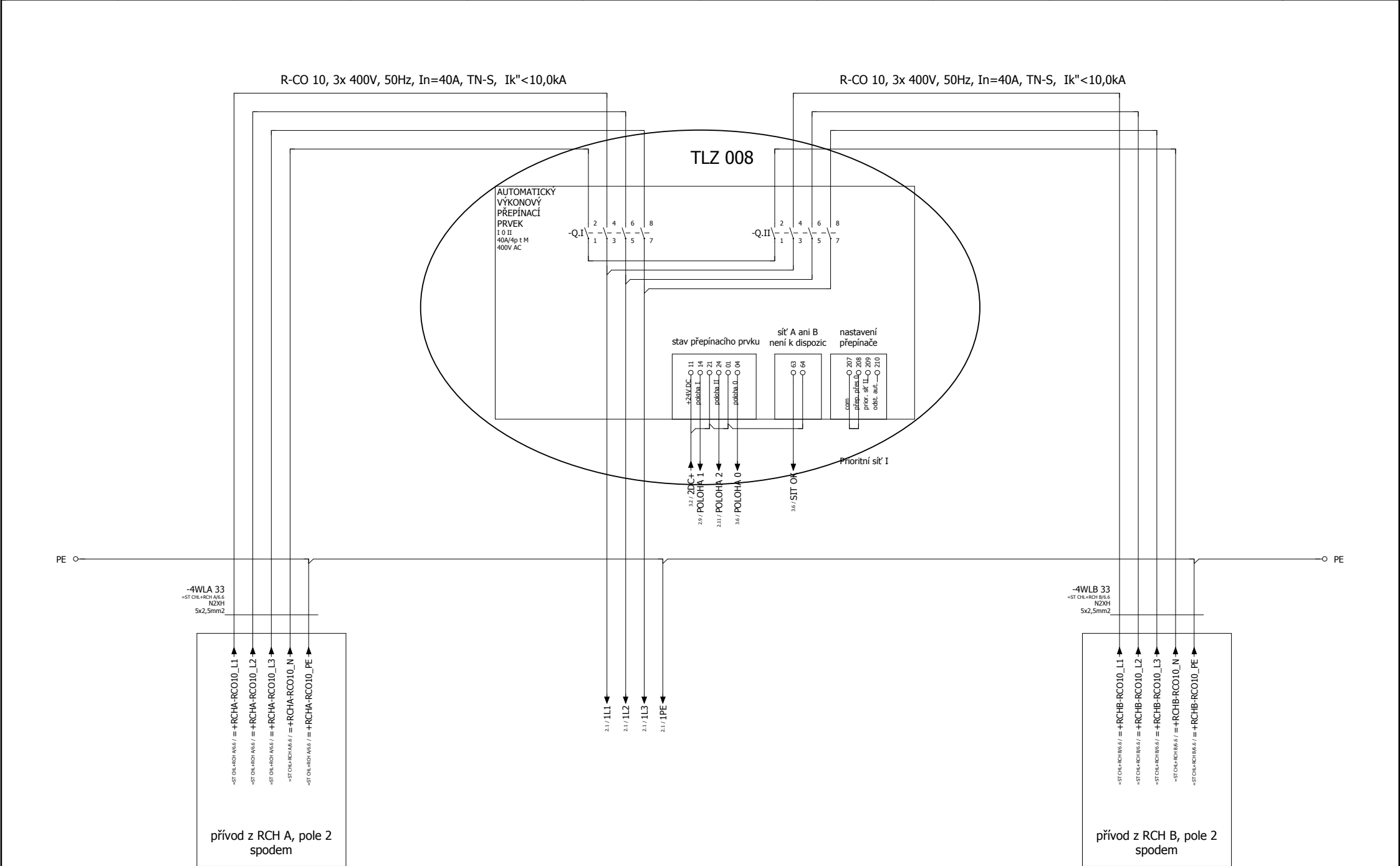


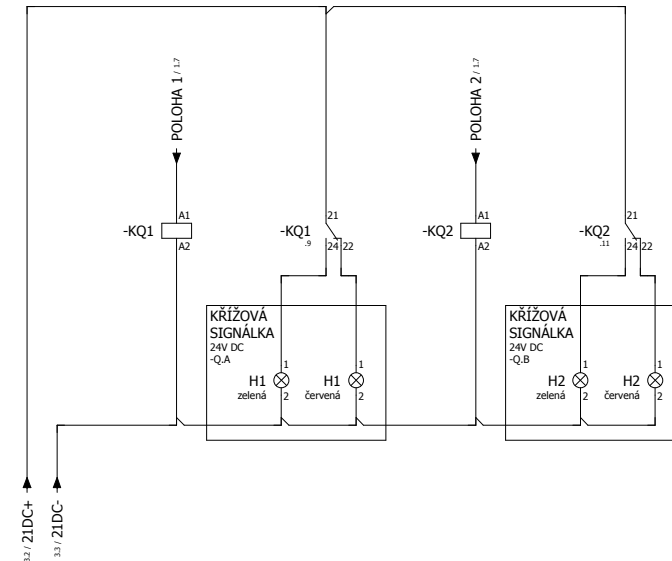
Rozvaděč R-CO 9
rozvaděč instalován v blízkosti FRC

Rozvaděč RMR 5.2
rozvaděč v budově 5.NP

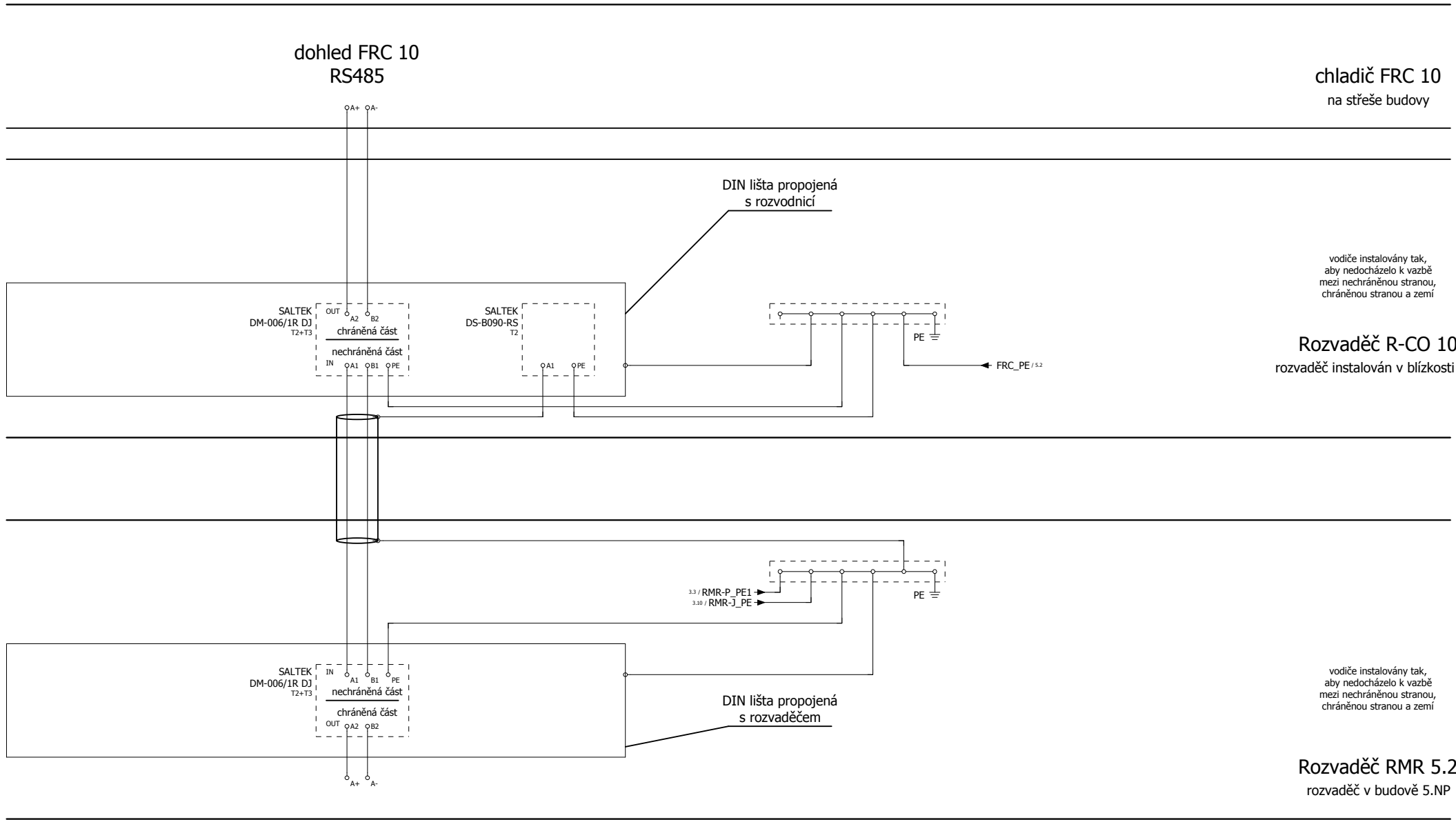


+RC09/5









dohled FRC 10
RS485

chladič FRC 10
na střeše budovy

DIN lišta propojená
s rozvodnicí

vodiče instalovány tak,
aby nedocházelo k vazbě
mezi nechráněnou stranou,
chráněnou stranou a zemí

Rozvaděč R-CO 10
rozvaděč instalován v blízkosti FRC

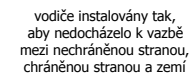
3.3 / RMR-P_PE1
3.10 / RMR-J_PE

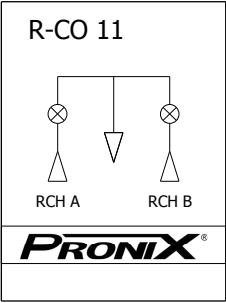
DIN lišta propojená
s rozvaděčem

vodiče instalovány tak,
aby nedocházelo k vazbě
mezi nechráněnou stranou,
chráněnou stranou a zemí

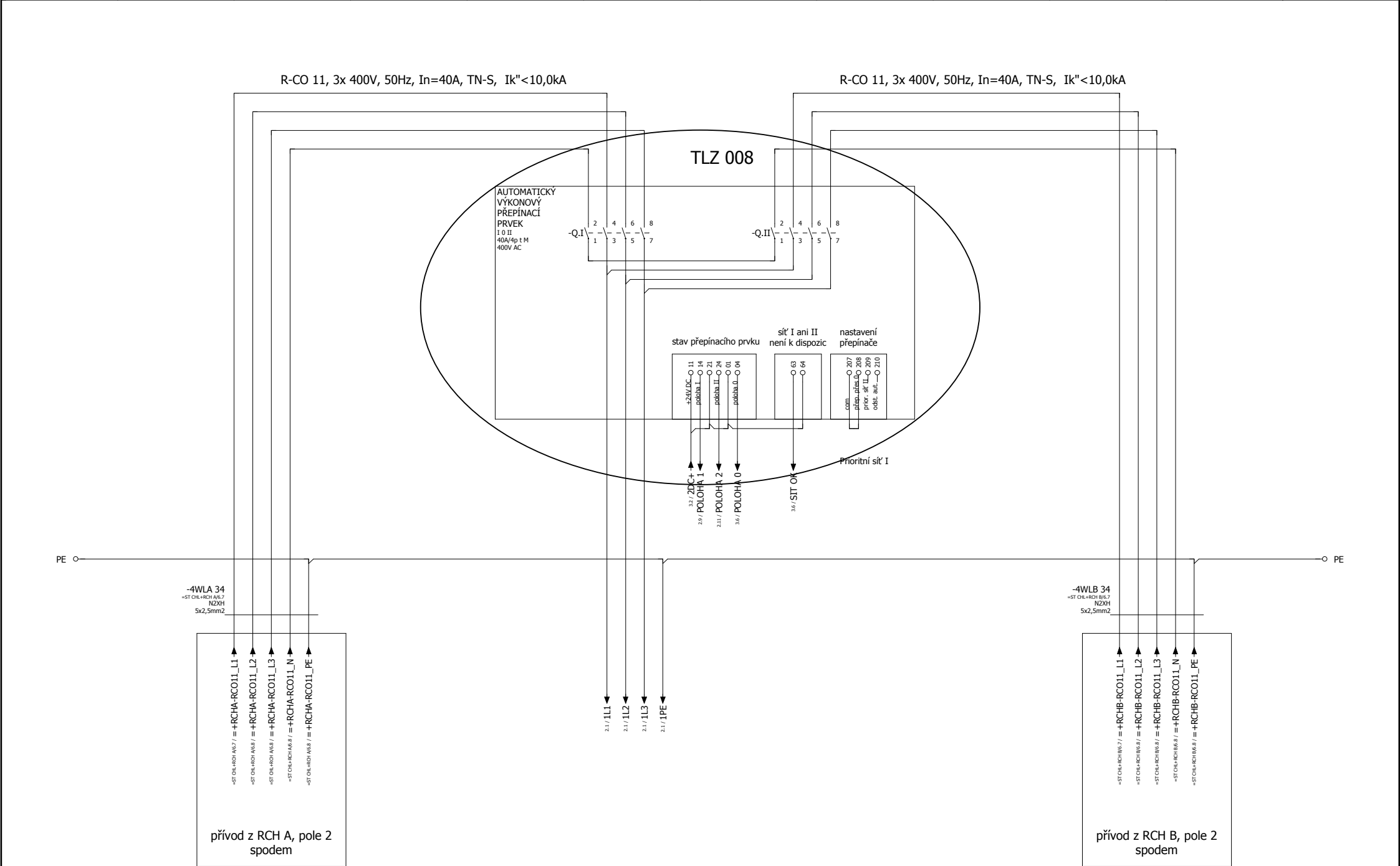
Rozvaděč RMR 5.2
rozvaděč v budově 5.NP

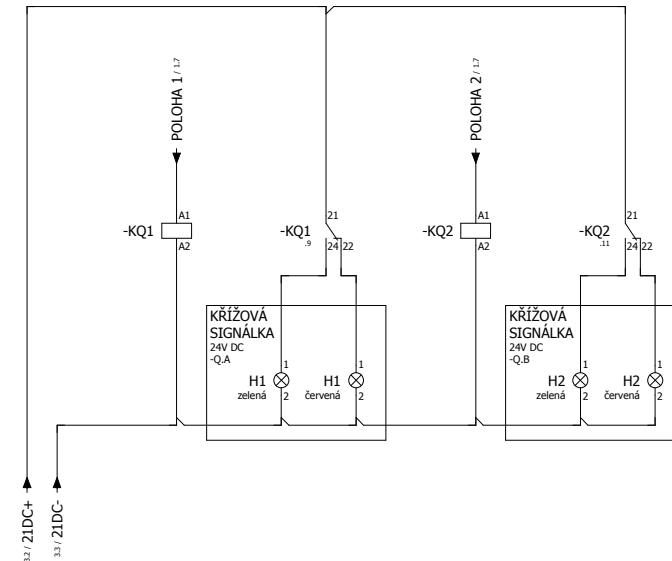
+RCO11/0





+RCO10/5

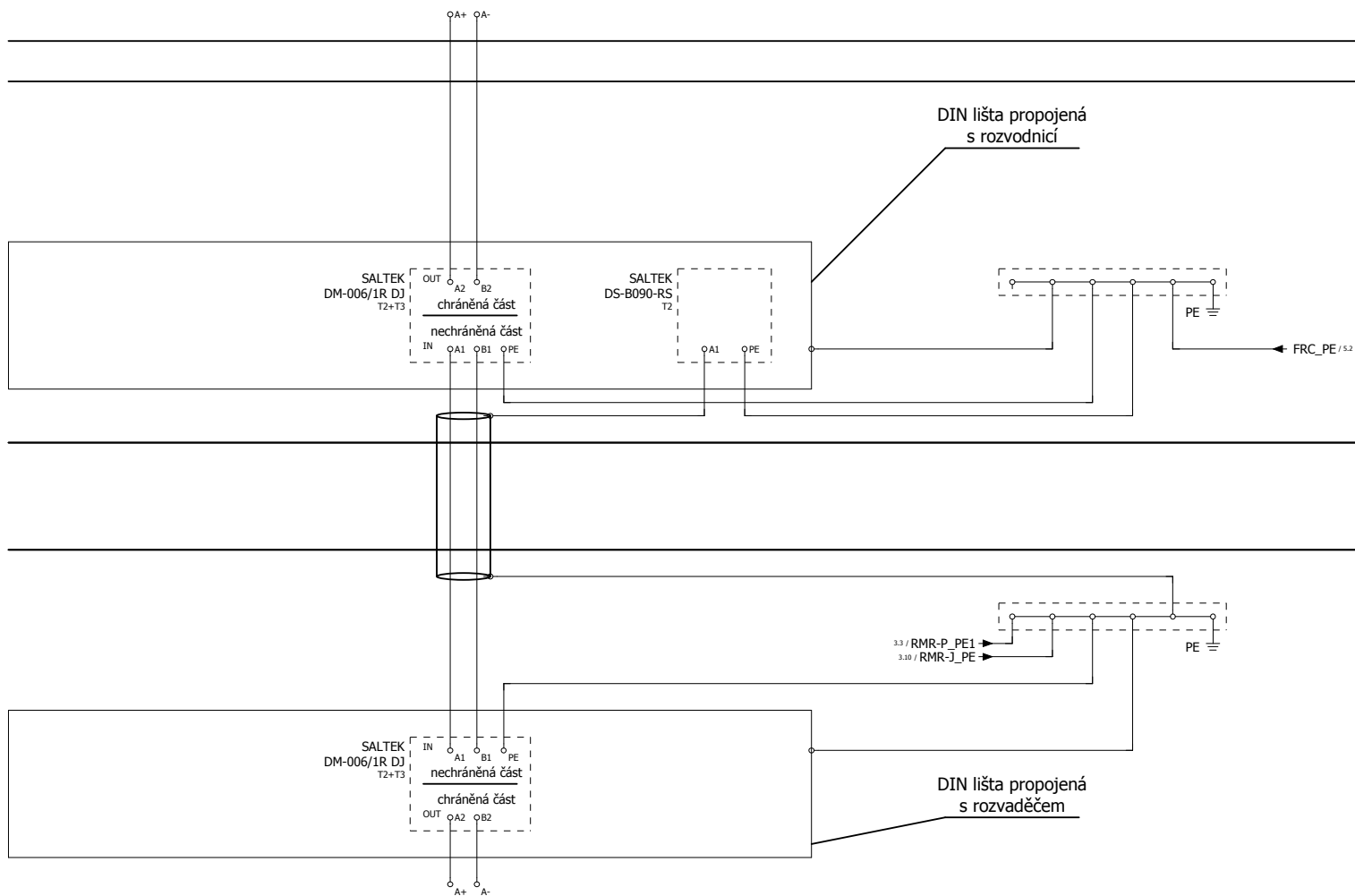






dohled FRC 11
RS485

chladič FRC 11
na střeše budovy



vodiče instalovány tak,
aby nedocházelo k vazbě
mezi nechráněnou stranou,
chráněnou stranou a zemí

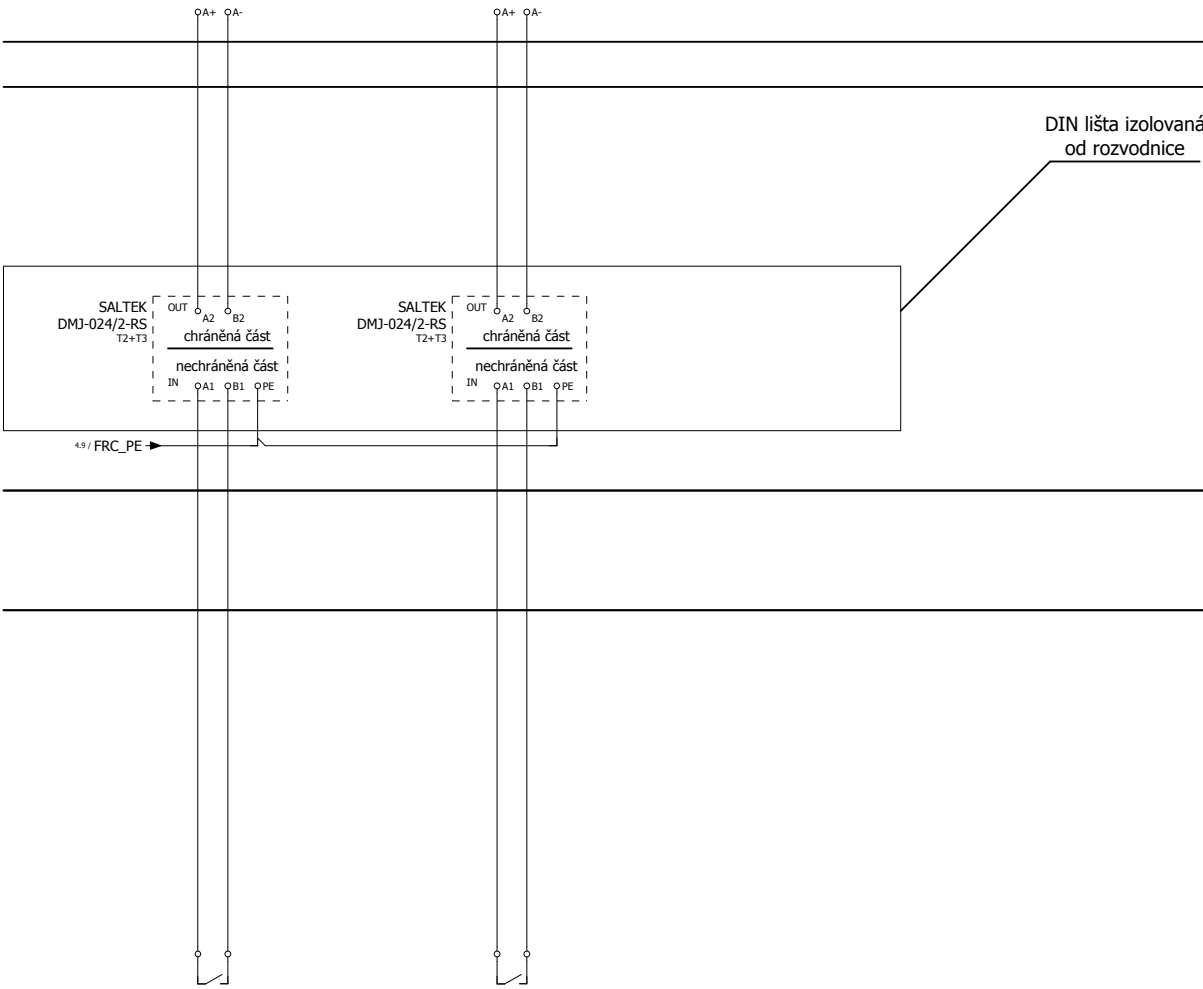
Rozvaděč R-CO 11
rozvaděč instalován v blízkosti FRC

vodiče instalovány tak,
aby nedocházelo k vazbě
mezi nechráněnou stranou,
chráněnou stranou a zemí

Rozvaděč RMR 5.2
rozvaděč v budově 5.NP

zapni/vypni FRC 11 přepínání setpointů FRC 11
suchý kontakt suchý kontakt

chladič FRC 11
na střeše budovy



Rozvaděč R-CO 11
rozvaděč instalován v blízkosti FRC

Rozvaděč RMR 5.2
rozvaděč v budově 5.NP