

Technická dokumentace ELEKTRO

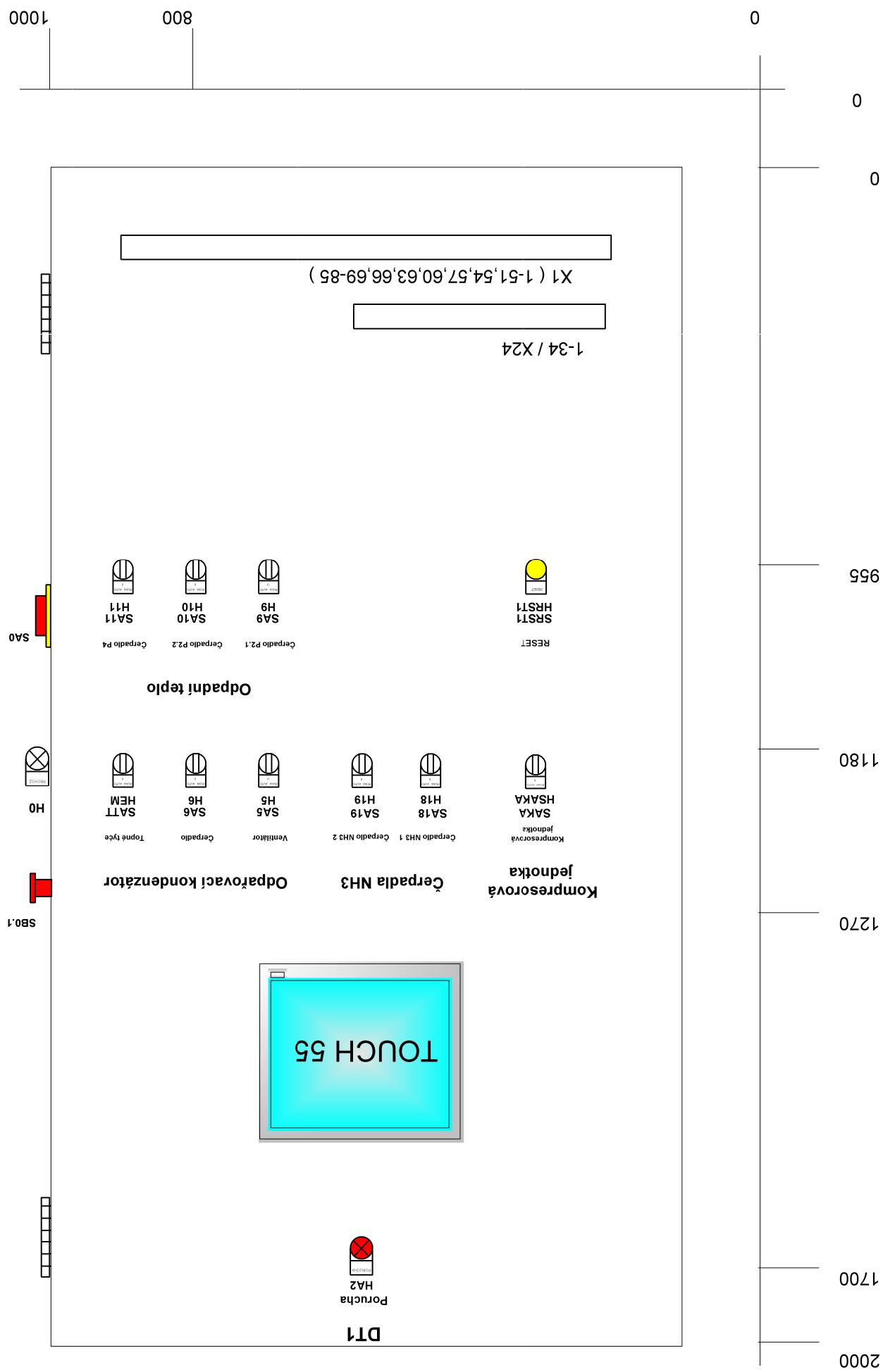
Liniové schema zapojení

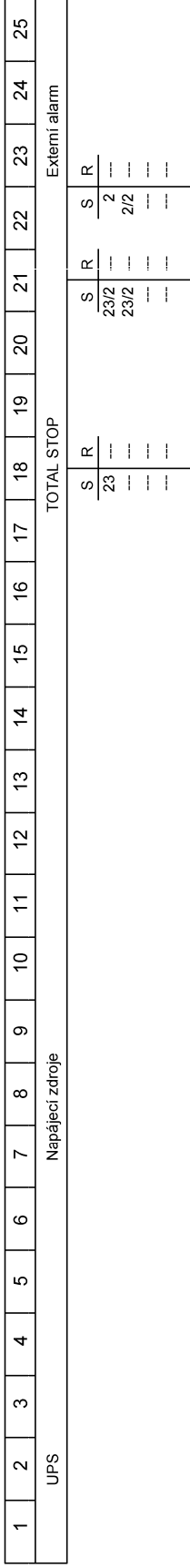
- Měření a Regulace
- Silové obvody

Datum : 10/2015	Schema č.	08102015	Stavba :	Zimní stadion Most	Hlavní projektant :
Místo vyhotovení : PRAHA					Projektant M+R : UNION Servis tel:251010134
Objednatel :			Název projektu : PROJEKT SKUTEČNÉHO PROVEDENÍ STAVBY		Firma : UNION Servis Praha s.r.o. tel/fax : 251010134
Investor :			Technologie chlazení - část Elektro		Součást projektu : CHLAZENÍ
Adresa stavby : Zimní stadion Most			Část projektu :		Paré č.

[illegible]

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
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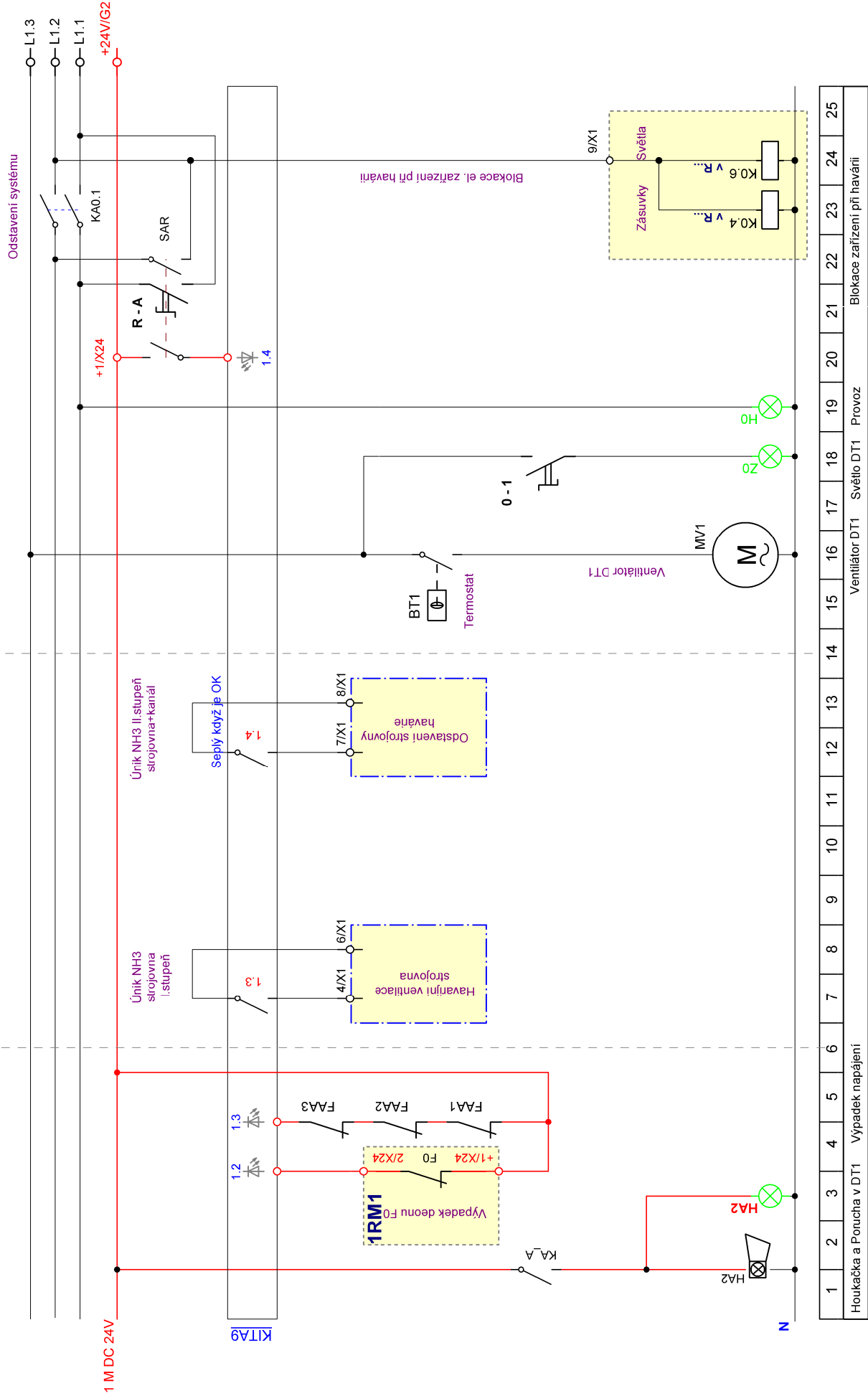




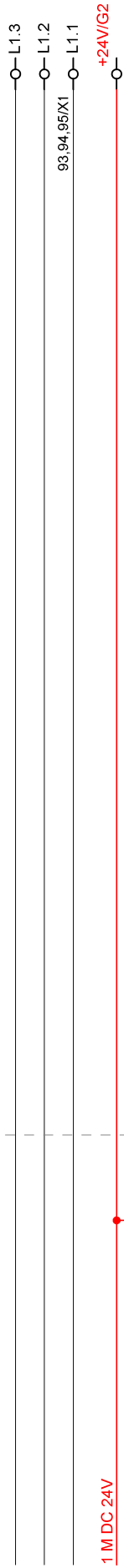
Havarijní ventilace

Detekce NH3

Ruční provoz + pomocné obvody



Havarijní ventilace

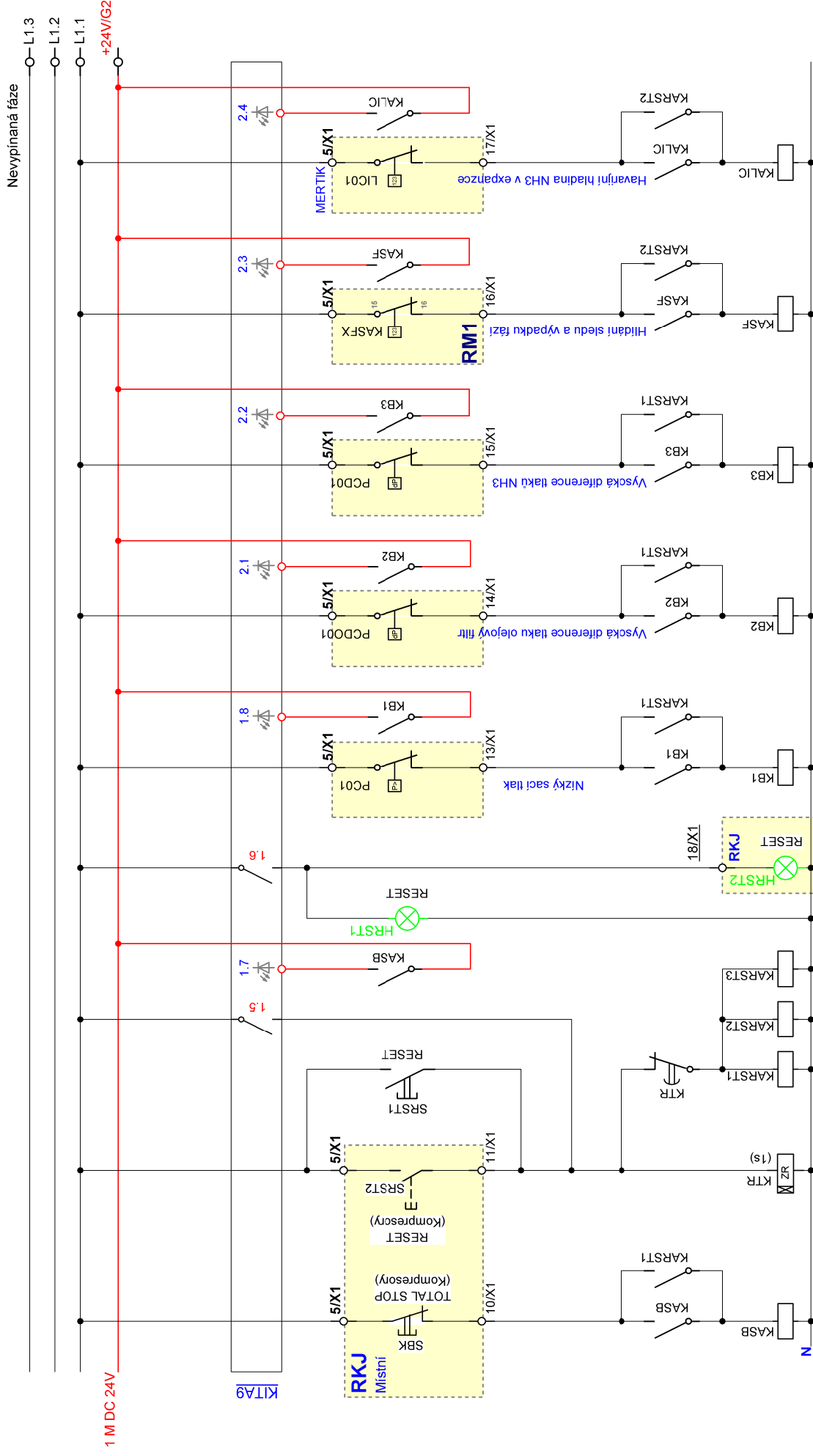


KITA9

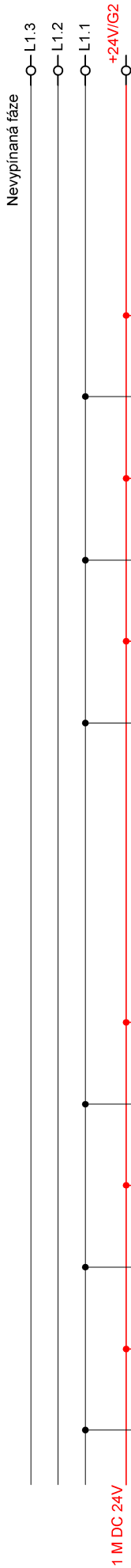
Hav. ventilace strojovna
Porucha ventilace

N

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25									
TOTAL STOP								RESET poruchy				Nizký sací tlak				FILTR olejový				Max dP NH3 [sání-výtlač]				Sled fázi					Mertik expanzka				
S	R	S	R	S	R	S	R	S	R	S	R	S	R	S	R	S	R	S	R	S	R	S	R	S	R								
3/1	3/8	3/6	3/12	3/12	3/24	5/2	5/2	3/15	3/15	3/11	3/11	3/14	3/14	3/14	3/14	3/17	3/17	3/17	3/20	3/20	3/20	3/23	3/23	3/23									
3/8	3/8	3/8	3/15	3/15	4/15	5/8	5/8	3/18	3/18	3/12	3/12	3/15	3/15	3/15	3/15	3/18	3/18	3/18	3/21	3/21	3/21	3/24	3/24	3/24									
9/4	9/8	9/8	3/18	3/18	4/18	5/14	5/14	3/21	3/21	9/2	9/2	9/2	9/2	9/2	9/2	9/2	9/2	9/2	9/2	9/2	9/4	9/4	9/4	9/4									
9/8	9/8	9/8	9/16	9/16	4/21	3/2	3/2	9/16	9/16	9/16	9/16	9/16	9/16	9/16	9/16	9/16	9/16	9/16	9/16	9/16	9/16	9/16	9/16	9/16									



KITA9

3.2

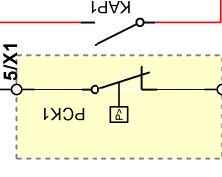
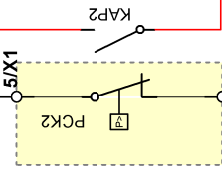
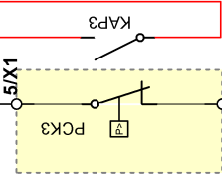
3.1

2.8

2.7

2.6

2.5



Vysoký tlak NH3 výtlak K3

Vysoký tlak NH3 výtlak K2

Vysoký tlak NH3 výtlak K1

RM1

5/X1

5/X1

5/X1

KM3D

KM2D

KM1D

21/X1

20/X1

19/X1

KAK3

KAK2

KAK1

KTK3

KTK2

KTK1

21/X1

20/X1

19/X1

HK1

HK2

HK1

(20s)

(20s)

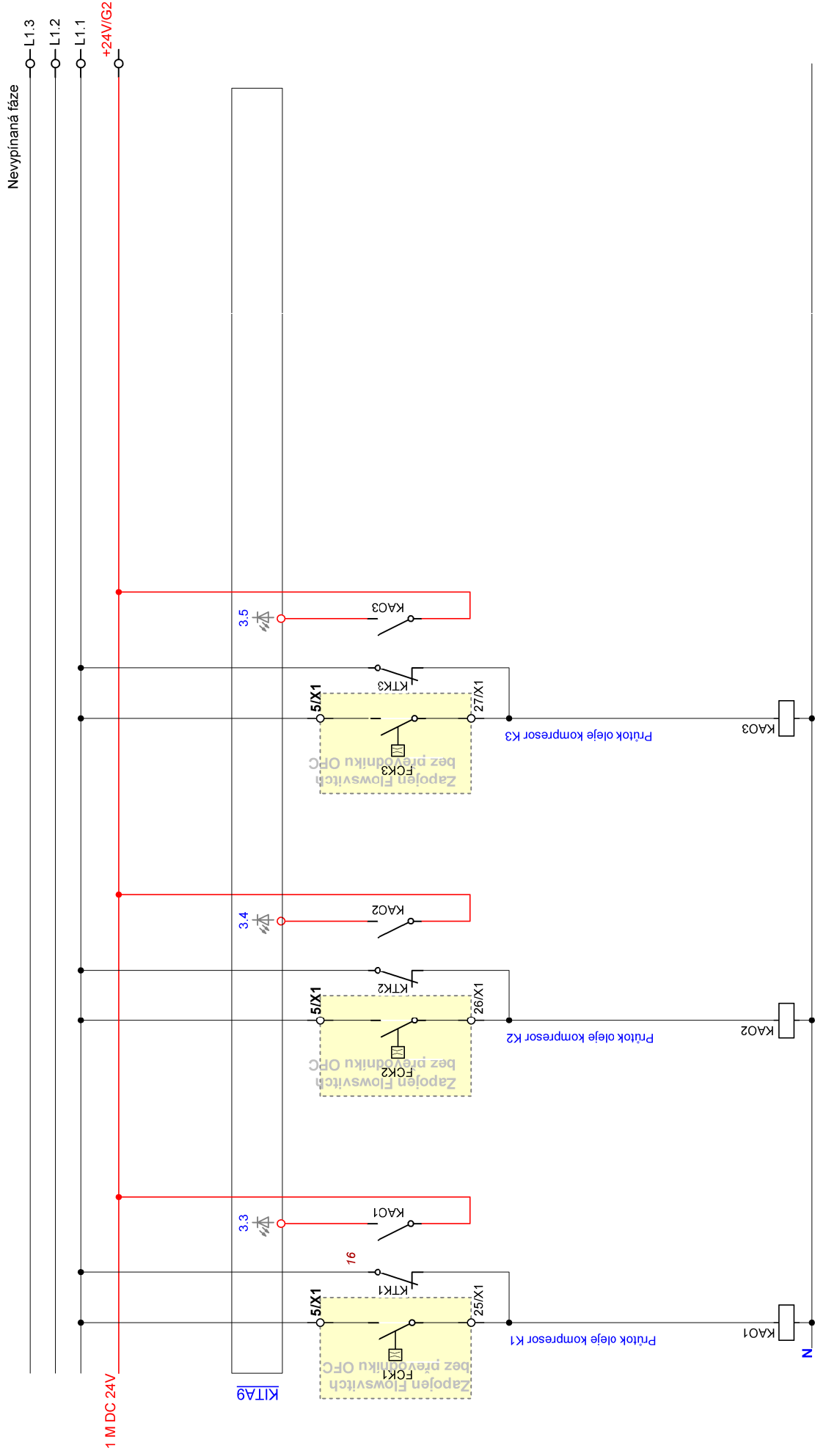
(20s)

viz str.15

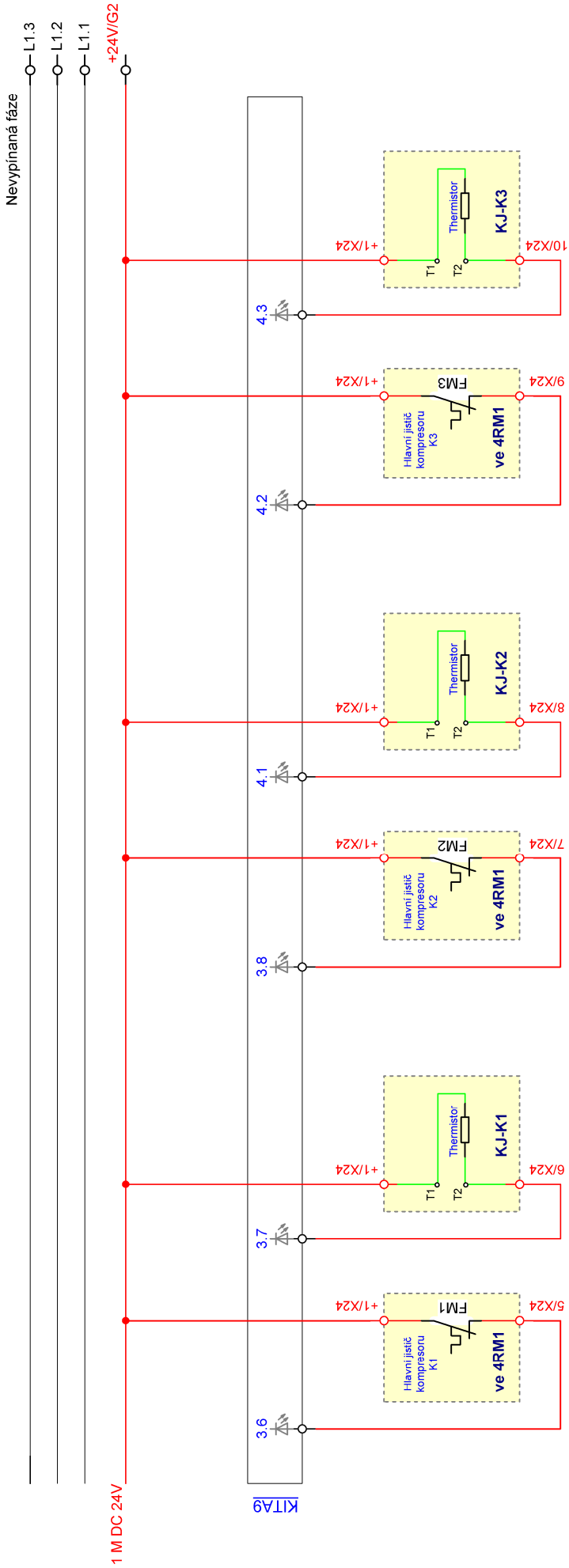
viz str.15

viz str.15

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25		
CHOD K1			CHOD K2			CHOD K3			Vysoký tlak výtlak K1			Vysoký tlak výtlak K2			Vysoký tlak výtlak K3											
3/17	10/6	5/2	3/17	10/14	5/5	3/17	10/22	5/8	4/14	4/15	9/6	4/17	4/18	9/11	4/20	4/21	9/16	4/20	4/21	9/16	4/20	4/21	9/16	4/20	4/21	
8/22	10/2		8/23	10/10		8/24	10/18		4/15	9/6		4/18	9/11		4/21	9/16		4/21	9/16		4/21	9/16		4/21	9/16	



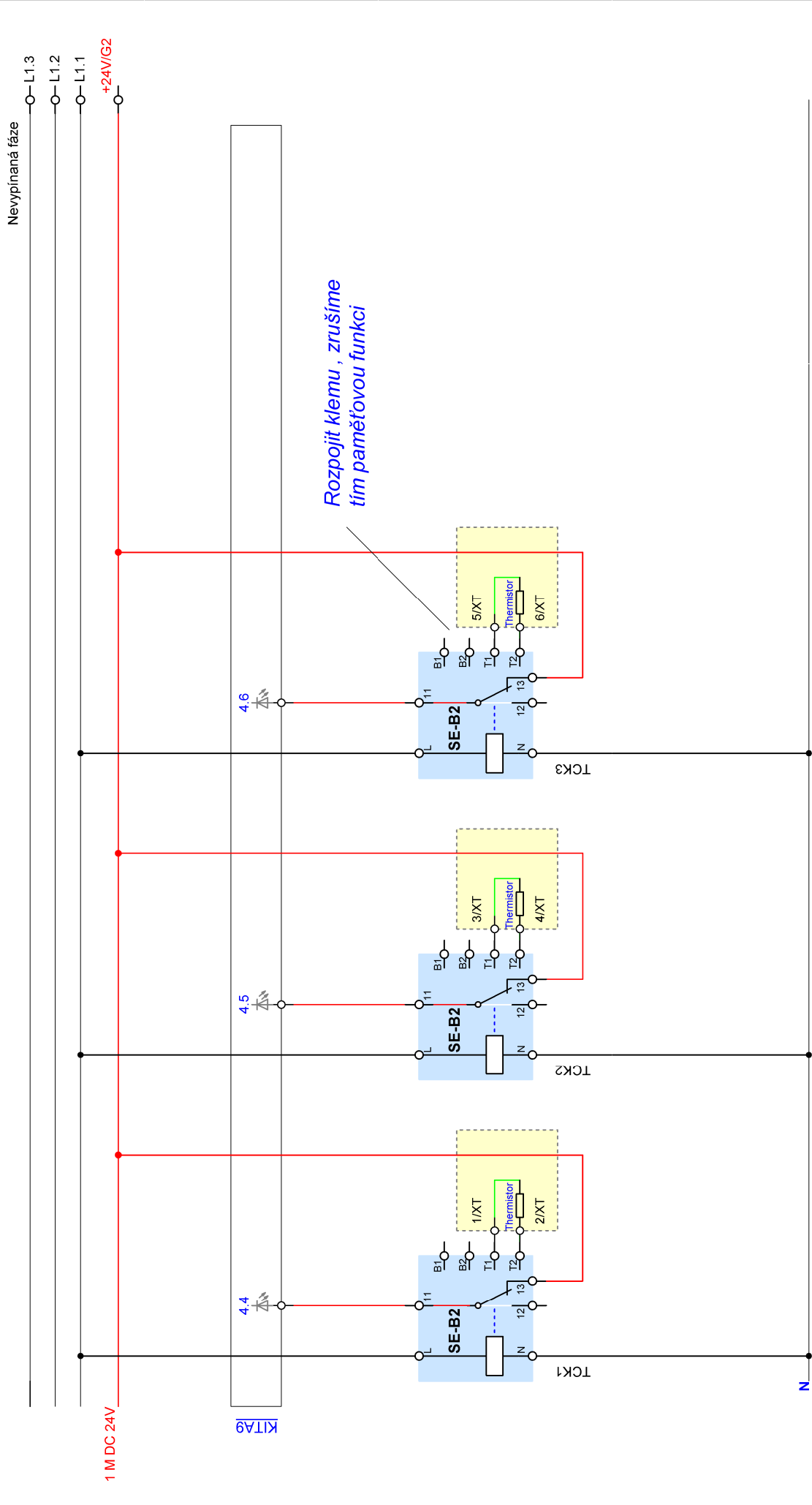
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25											
Průtok oleje K1												Průtok oleje K2												Průtok oleje K3											
S		R		S		R		S		R		S		R		S		R		S		R													
5/1		5/7		5/7		5/7		5/9		5/9		5/13		5/13		5/15		5/15		5/16		5/16													
5/3		5/9		5/9		5/9		5/11		5/11		5/15		5/15		5/16		5/16		5/16		5/16													
9/6		9/11		9/11		9/11																													

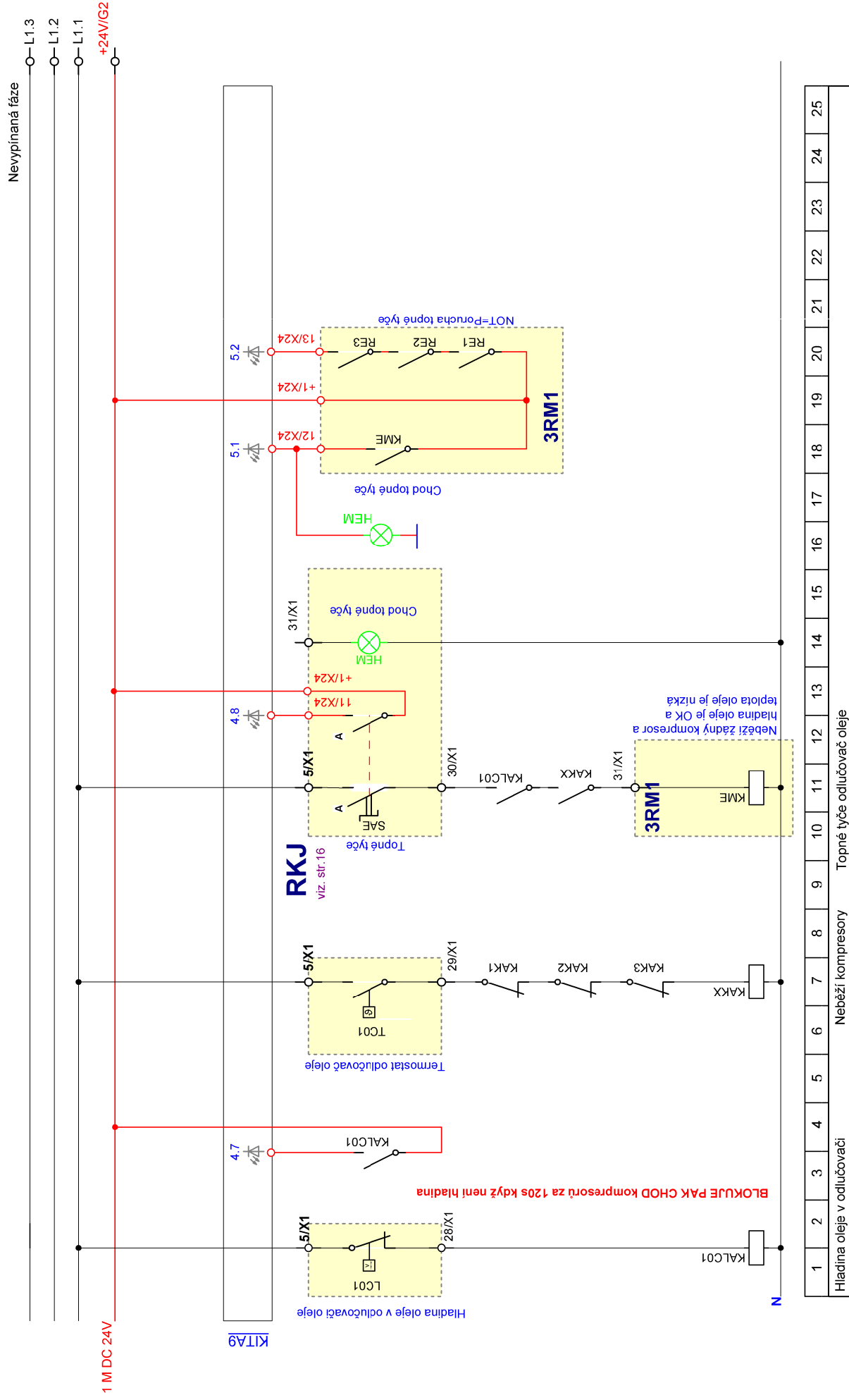


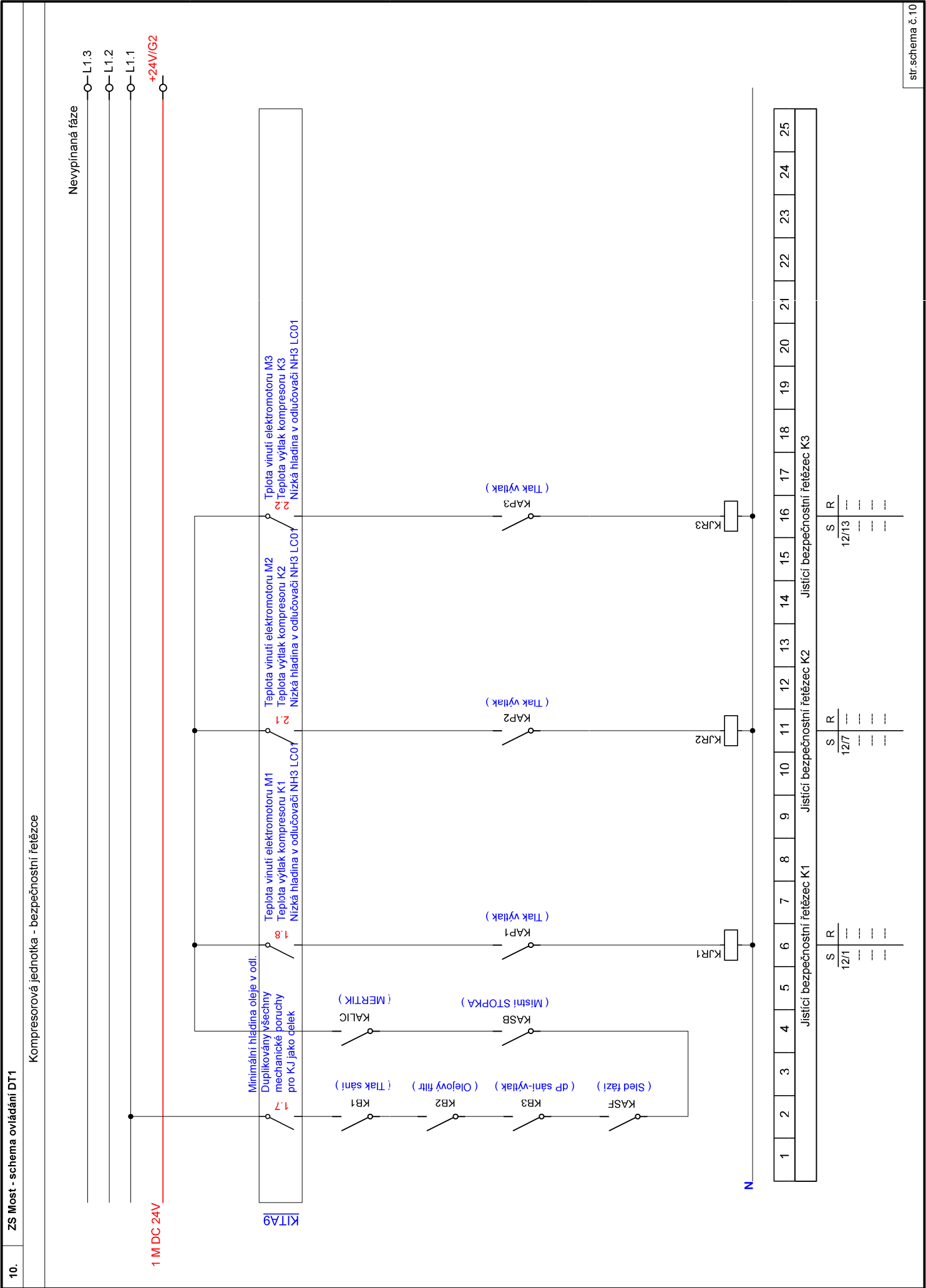
Termistory jsou zapojeny přímo do vsupů
, odpor za pokoj. teploty 130 Ohm
Typ : PTC 155st.C , Max. voltage 2.5V
, Spojeno s jističem v liště .

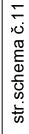
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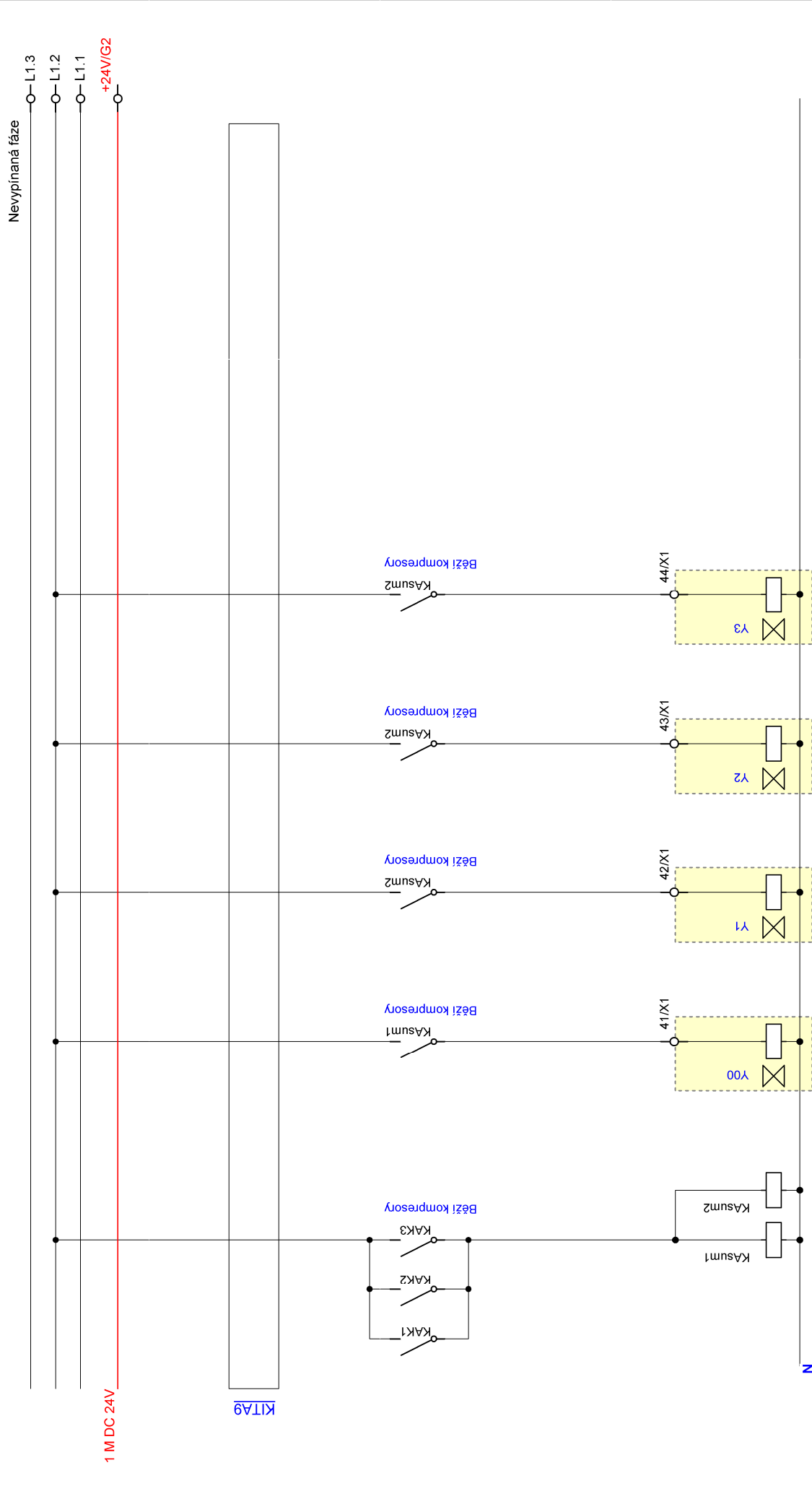
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Termistor elektromotoru K1										Termistor elektromotoru K2										Termistor elektromotoru K3				

[illegible]

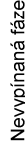




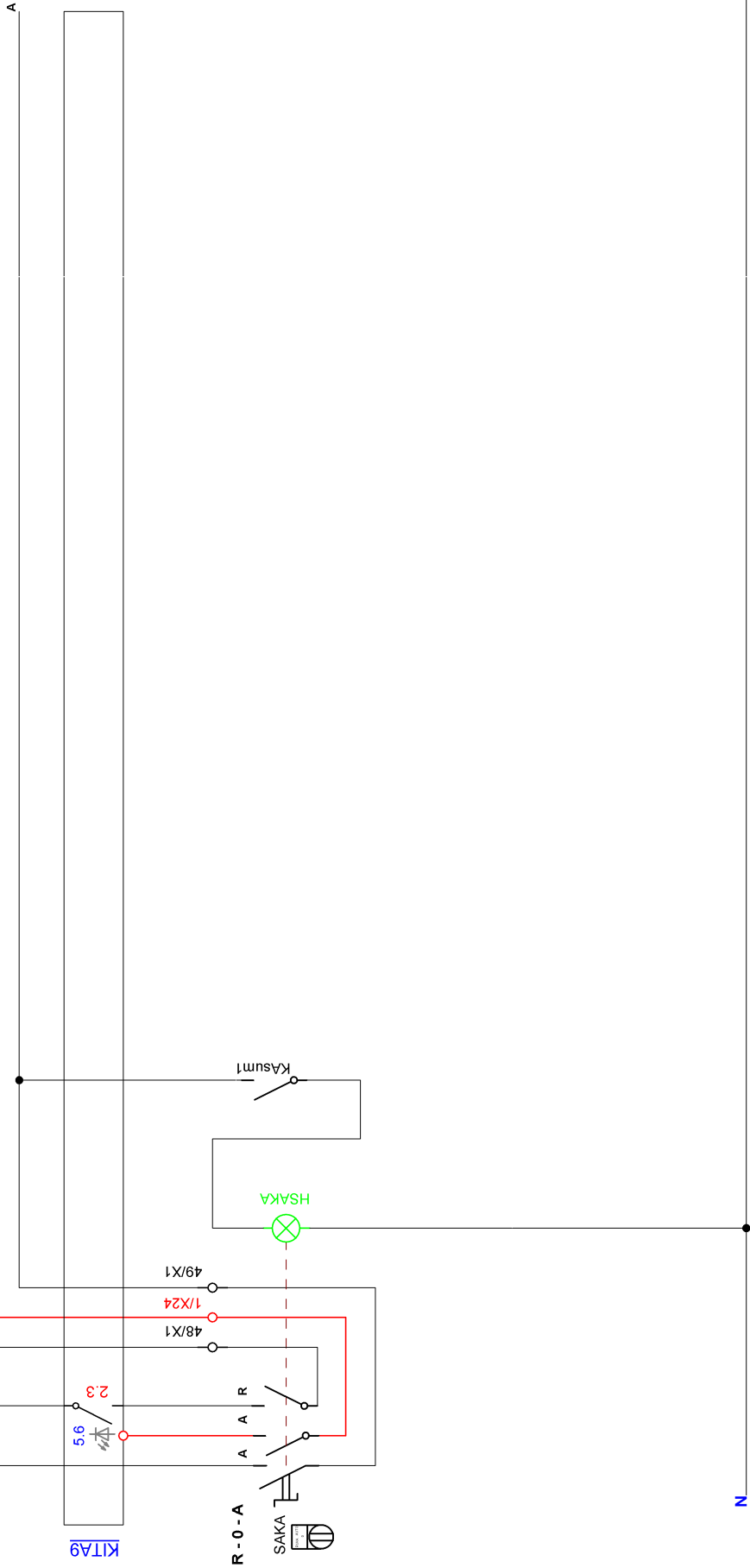
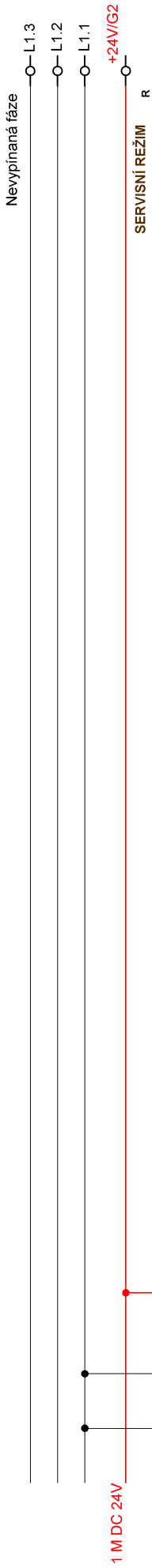




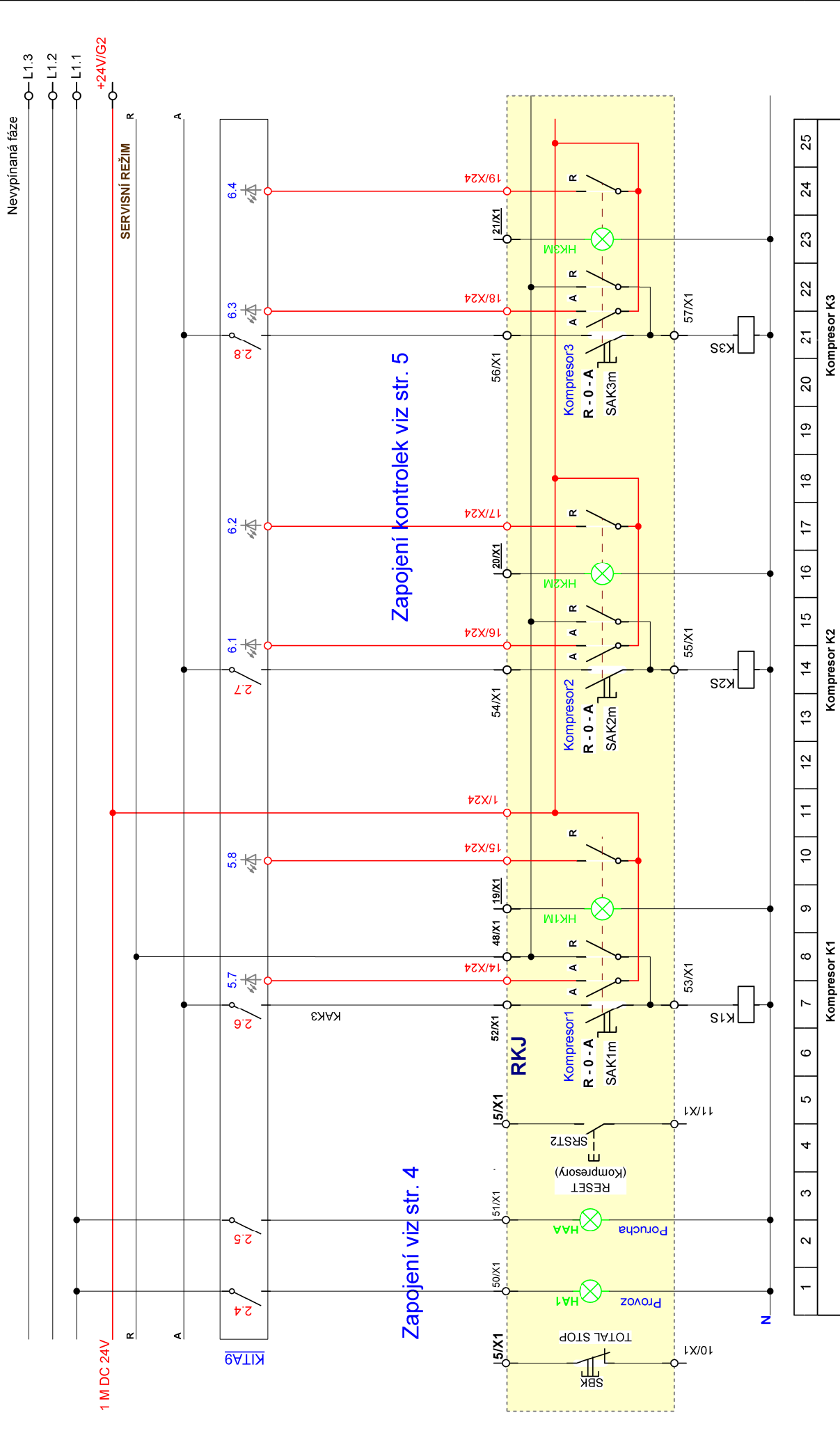
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Chod kompresorů Ventil vrácení oleje z odlučovače do sáníPlovák FV1 Plovák FV2 Plovák FV3																								

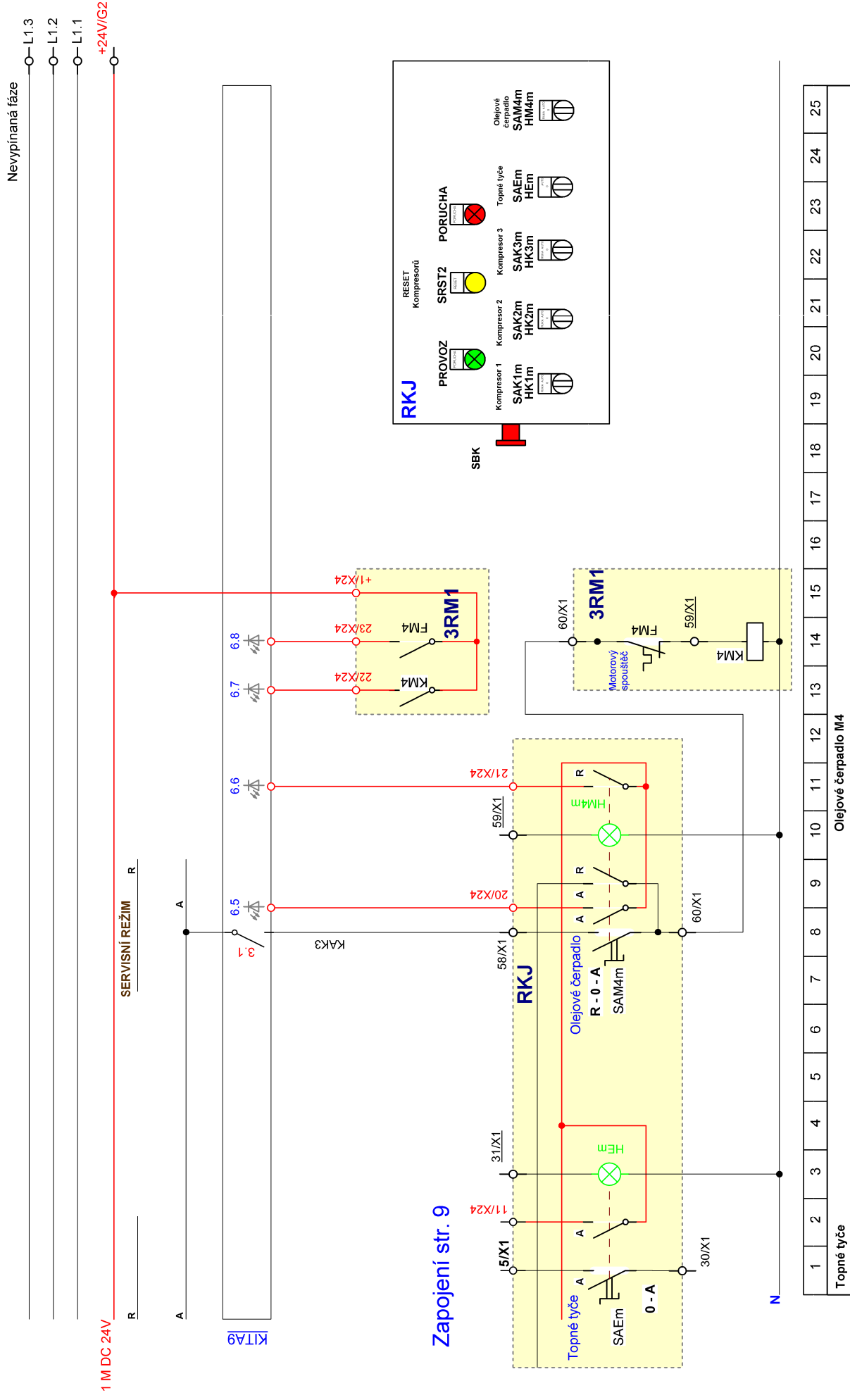


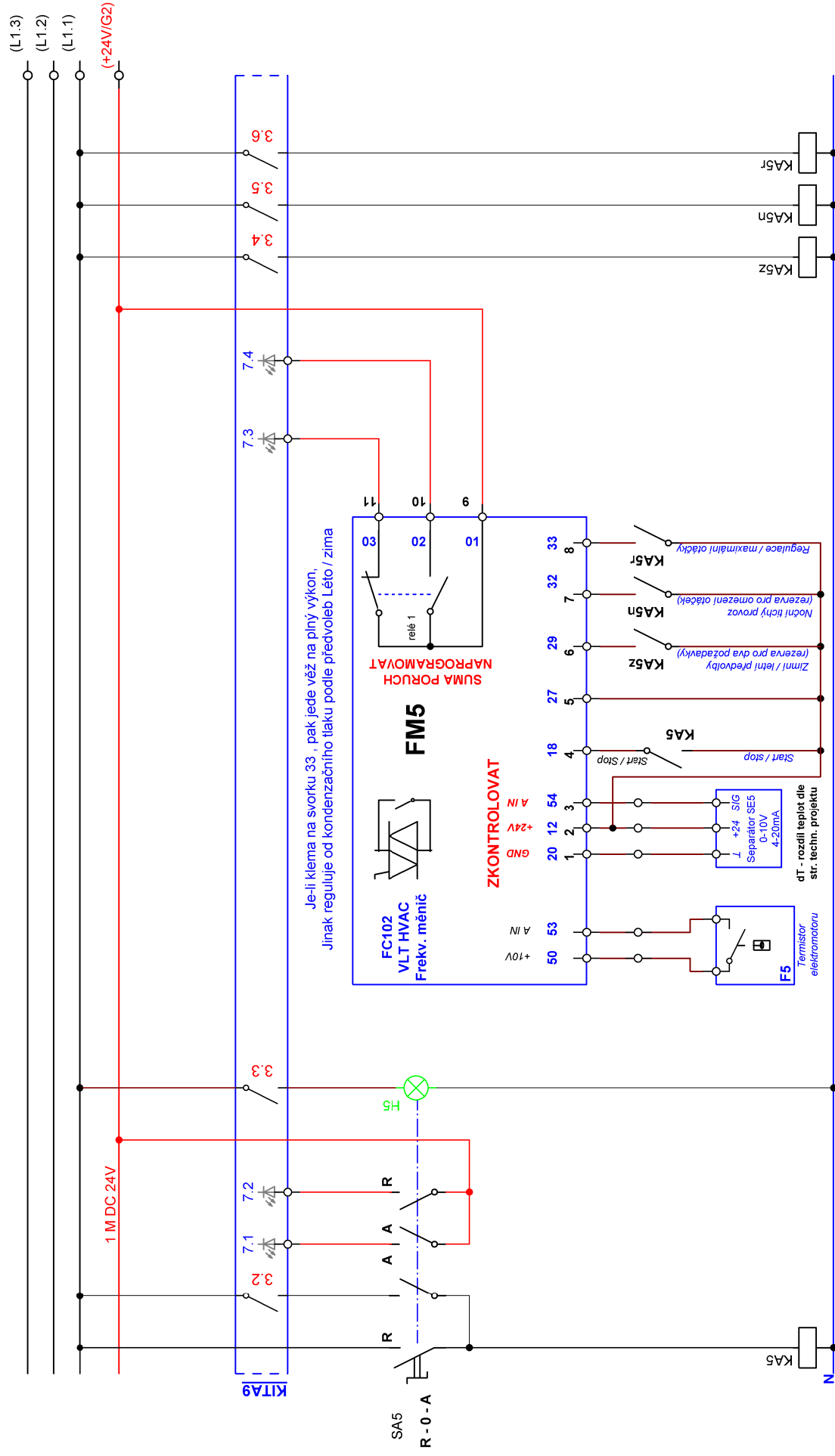
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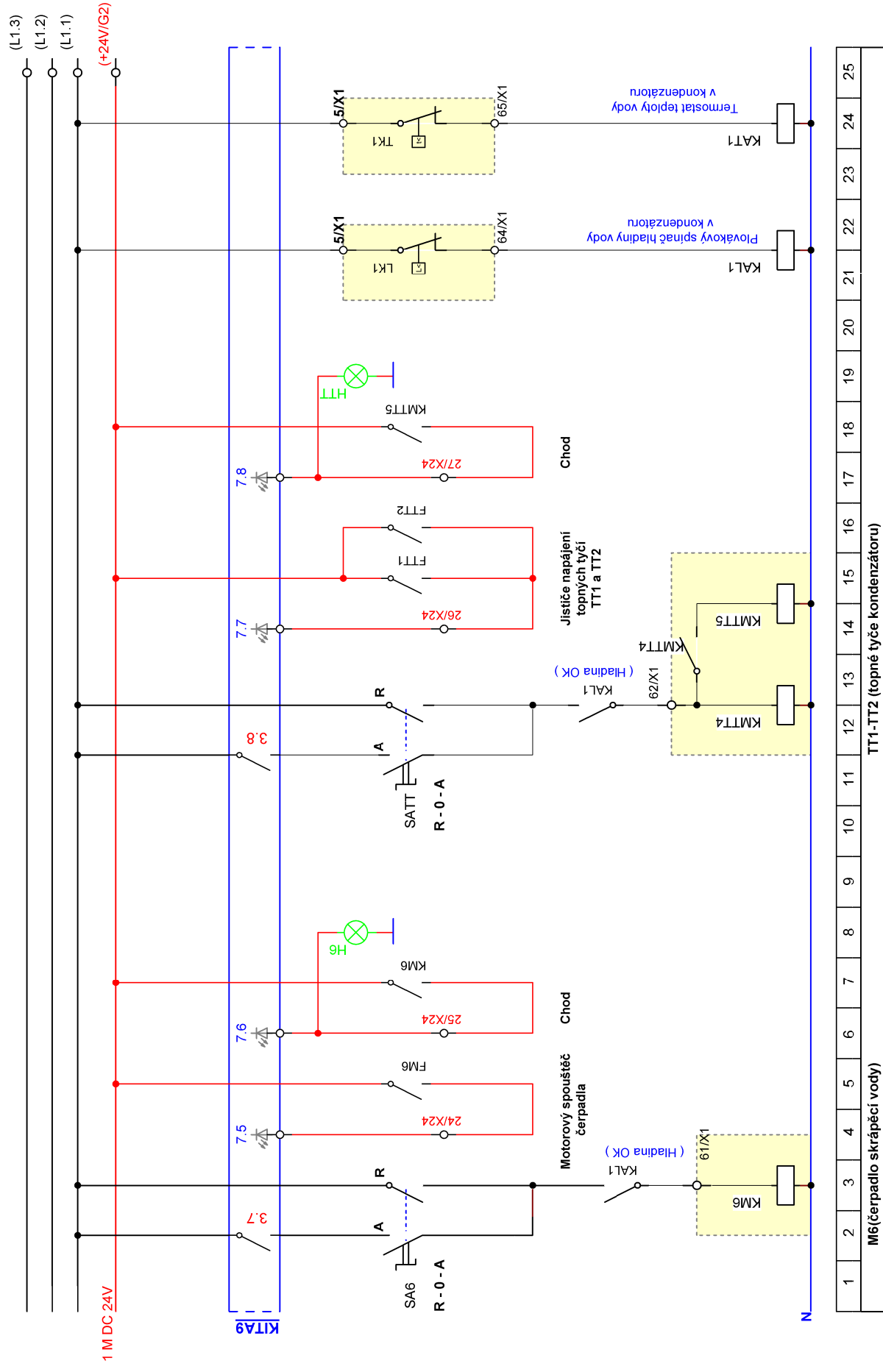
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Provoz kompresorová jednotka																								

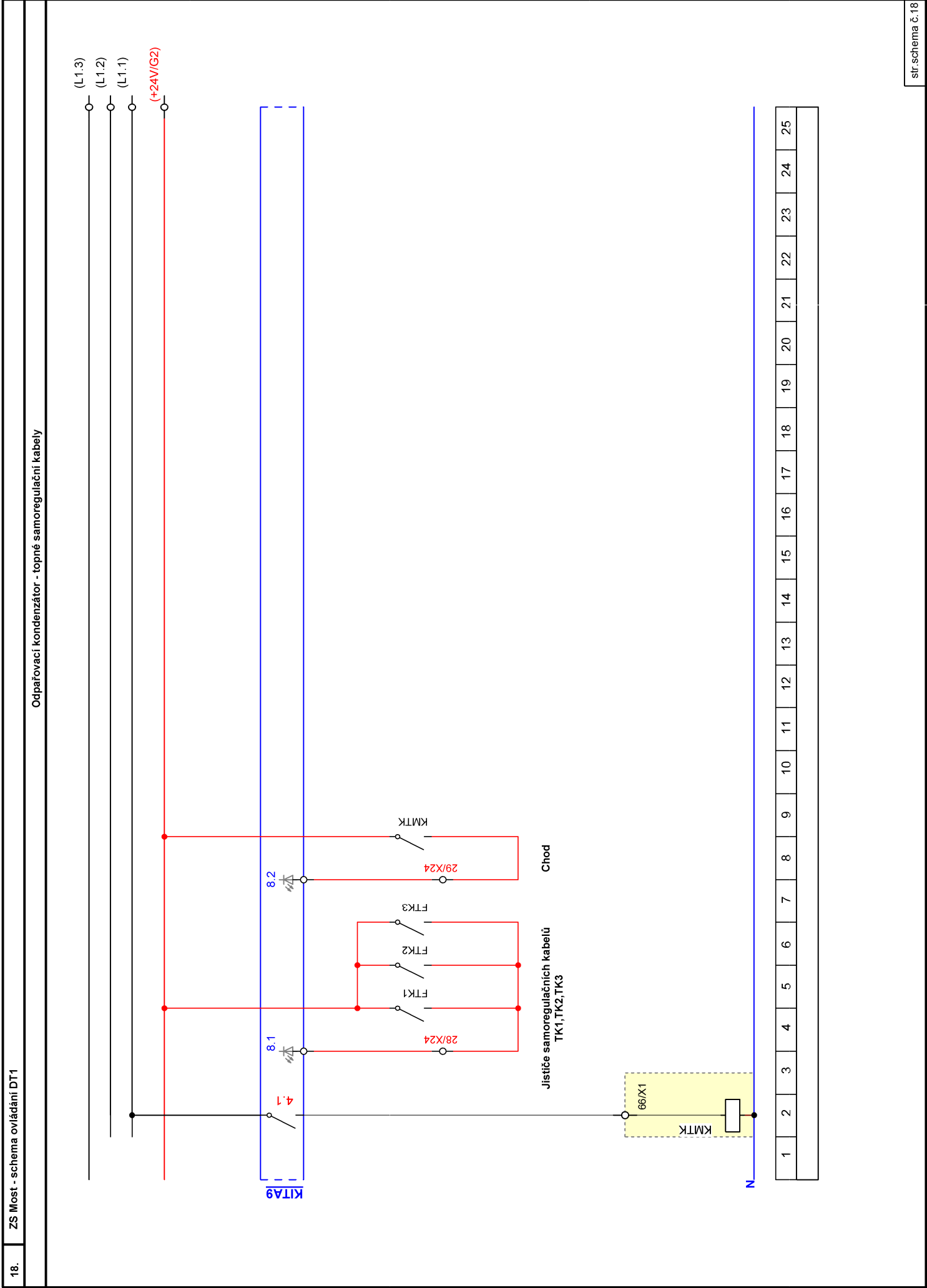


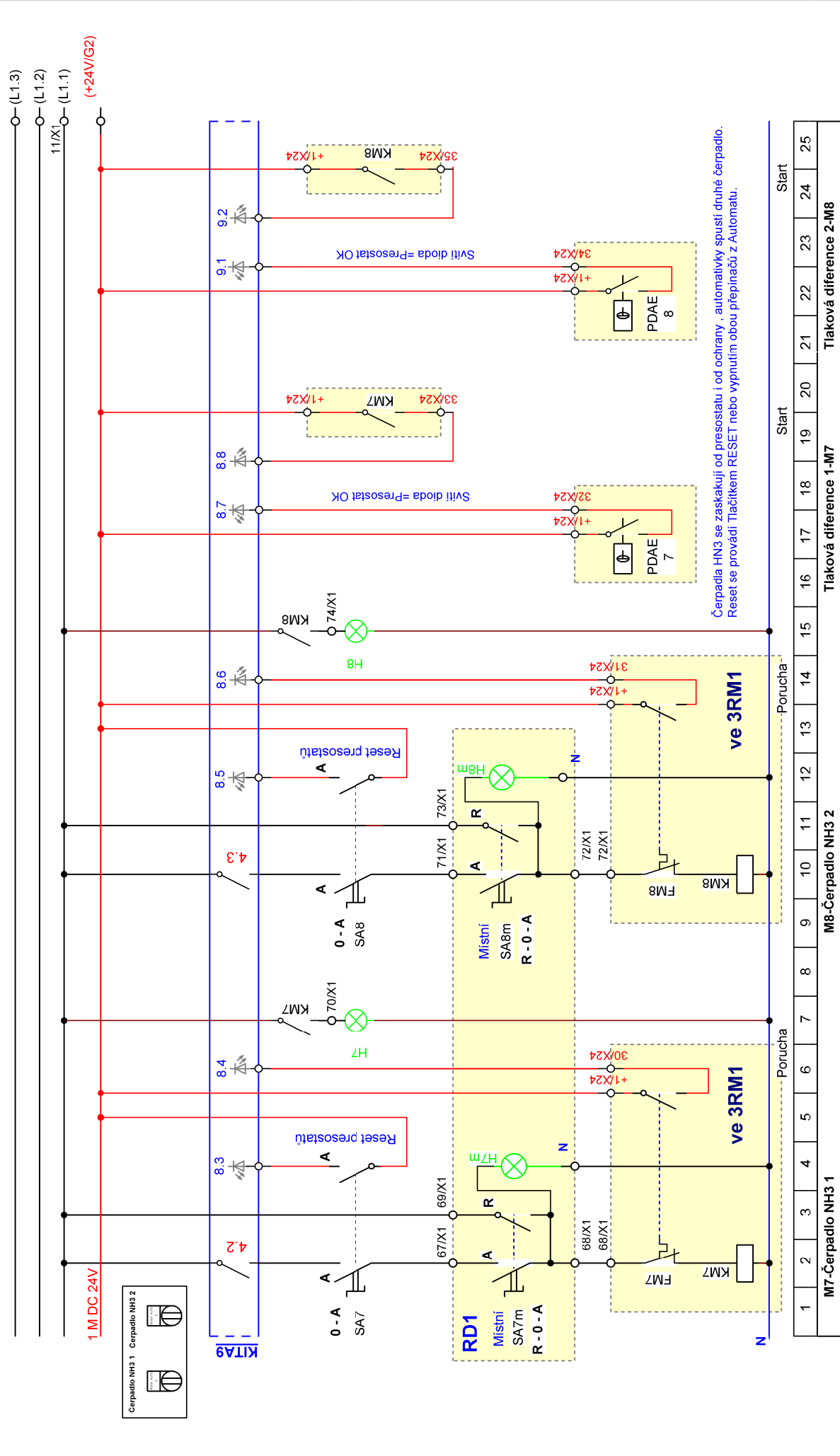




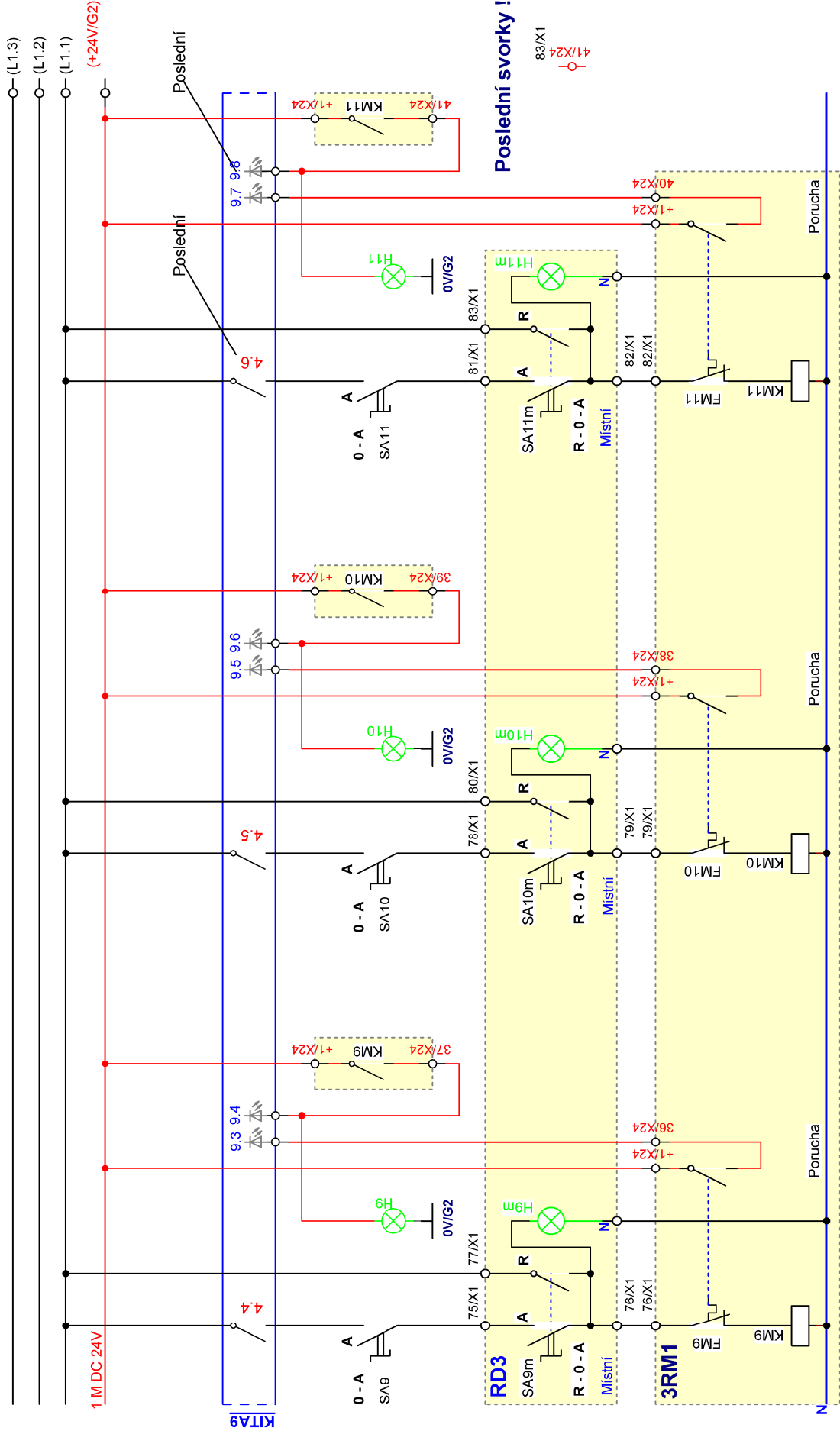
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$\frac{S}{19}$	$\frac{R}{24}$
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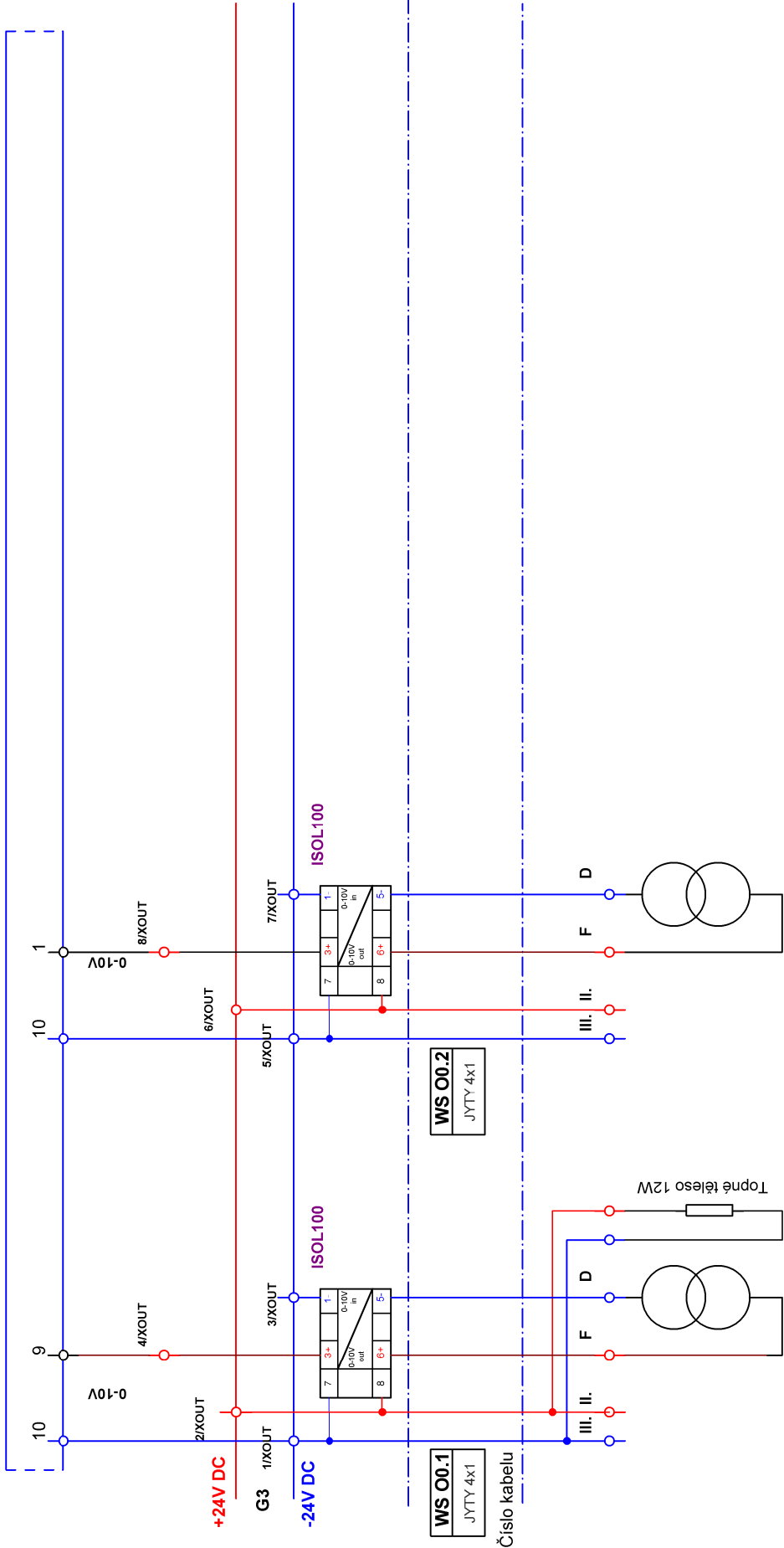


M11-Čerpadlo P4																								
M10-Čerpadlo P2.2																								
M9-Čerpadlo P2.1																								
S R																								
19

ADOUT KITA9 první ANG Modul-Svorkovnice X4

ADOUT 1.1

ADOUT 1.2



RV201

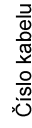
FM5

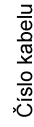
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
0-10V																								

Regulační ventil
hladiny NH3 v
expanzní nádobě

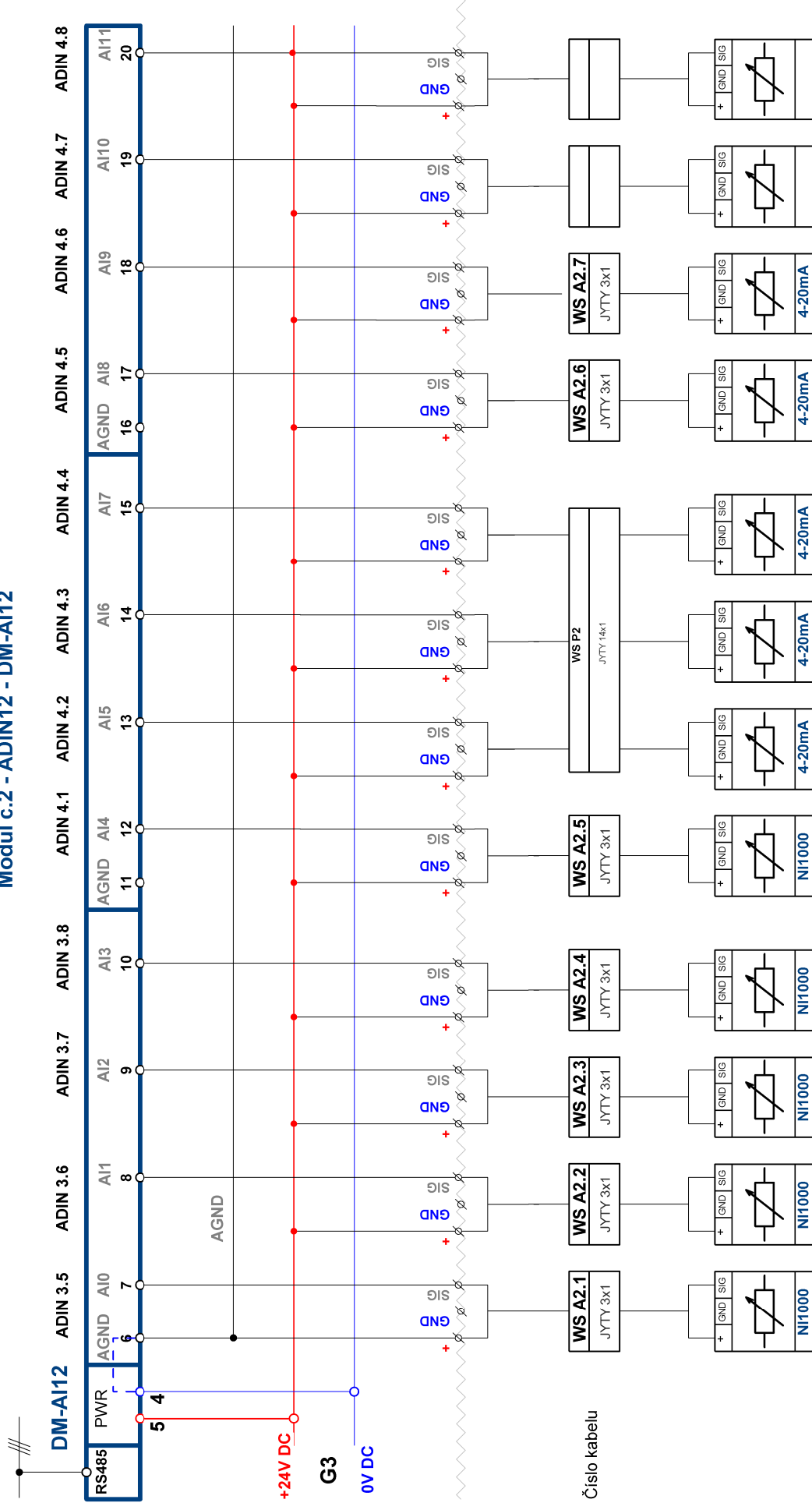
Řízení otáček
ventilátoru
odpařovacího kondenzátoru

ADIN 1.1	ADIN 1.2	ADIN 1.3	ADIN 1.4	ADIN 1.5	ADIN 1.6	ADIN 1.7	ADIN 1.8
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[illegible]str.schema č. 22

Modul č.2 - ADIN12 - DM-AI12

[illegible]

[illegible][illegible]

Teplota vody za výměníkem H1	Teplota vody za výměníkem H2	Teplota vody v akumulační nádři	Teplota vody ve sněžné jámě	pH vody za výměníkem H1	pH vody za výměníkem H2	pH vody ve vaně kondenzátoru C1	pH vody v potrubí kondenzátoru C2	Vodivost vody v potrubí kondenzátoru C1 (od chem. úpravy)
------------------------------------	------------------------------------	---------------------------------------	-----------------------------------	-------------------------------	-------------------------------	------------------------------------------	--------------------------------------------	-----------------------------------------------------------------------