



 Steuerungstechnik

 Anlagen-Maschinenbau

 Simulation

Modell / Model: Aufzug 3-geschossig
 Elevator 3 floors

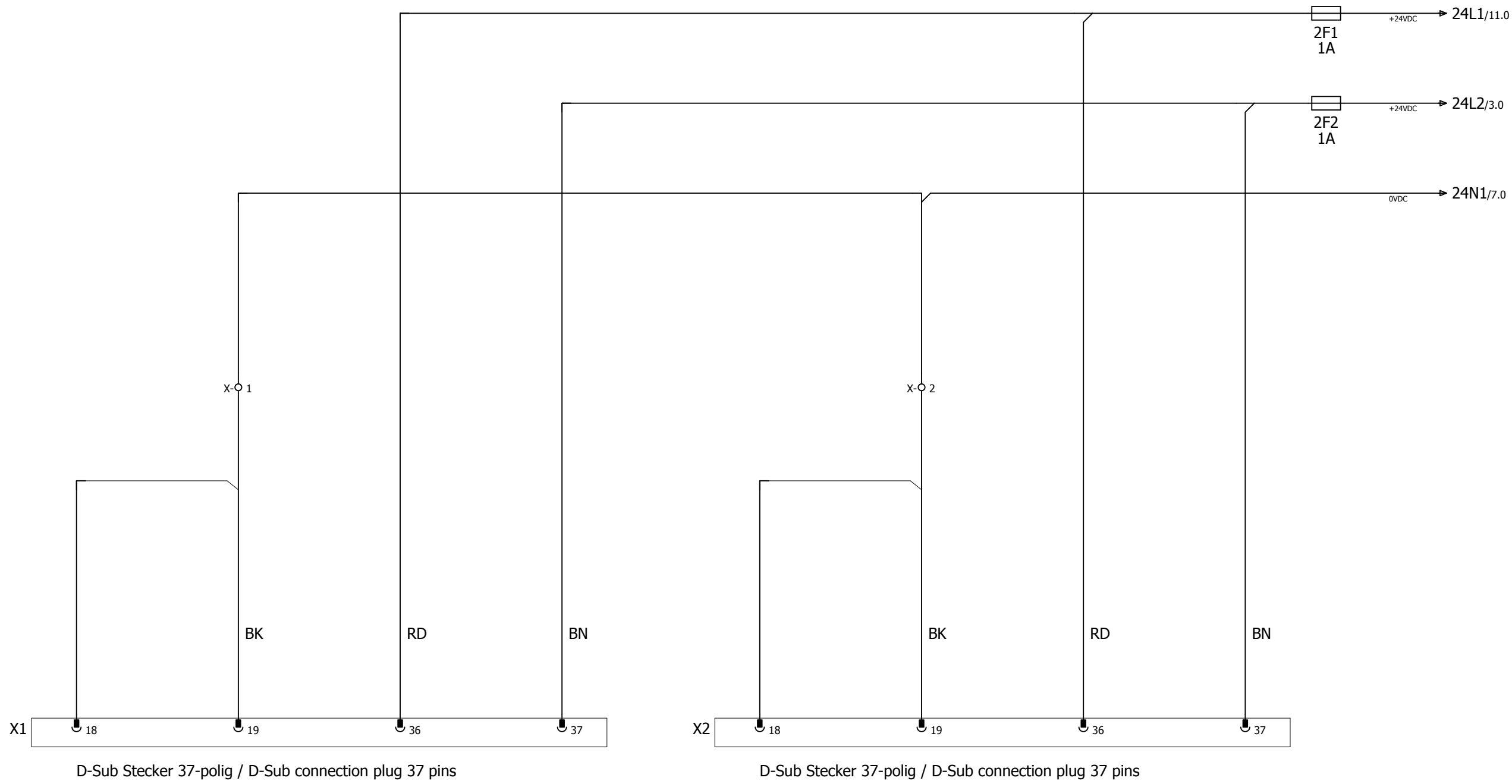
Elektrische Dokumentation:

- Stromlaufplan
- Steckerbelegung

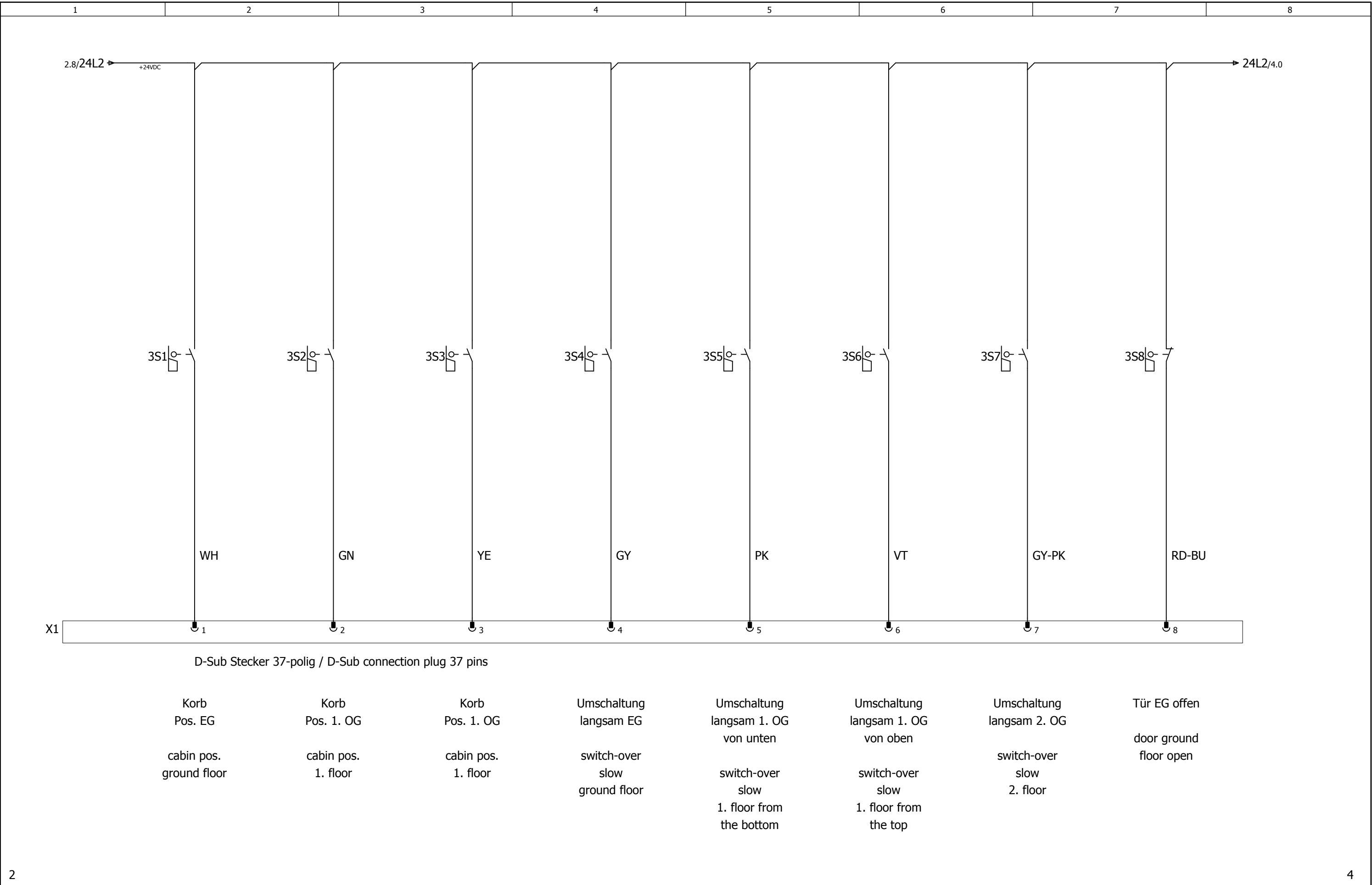
Electrical documentation:

- Circuit diagram
- Connection plug arrangement

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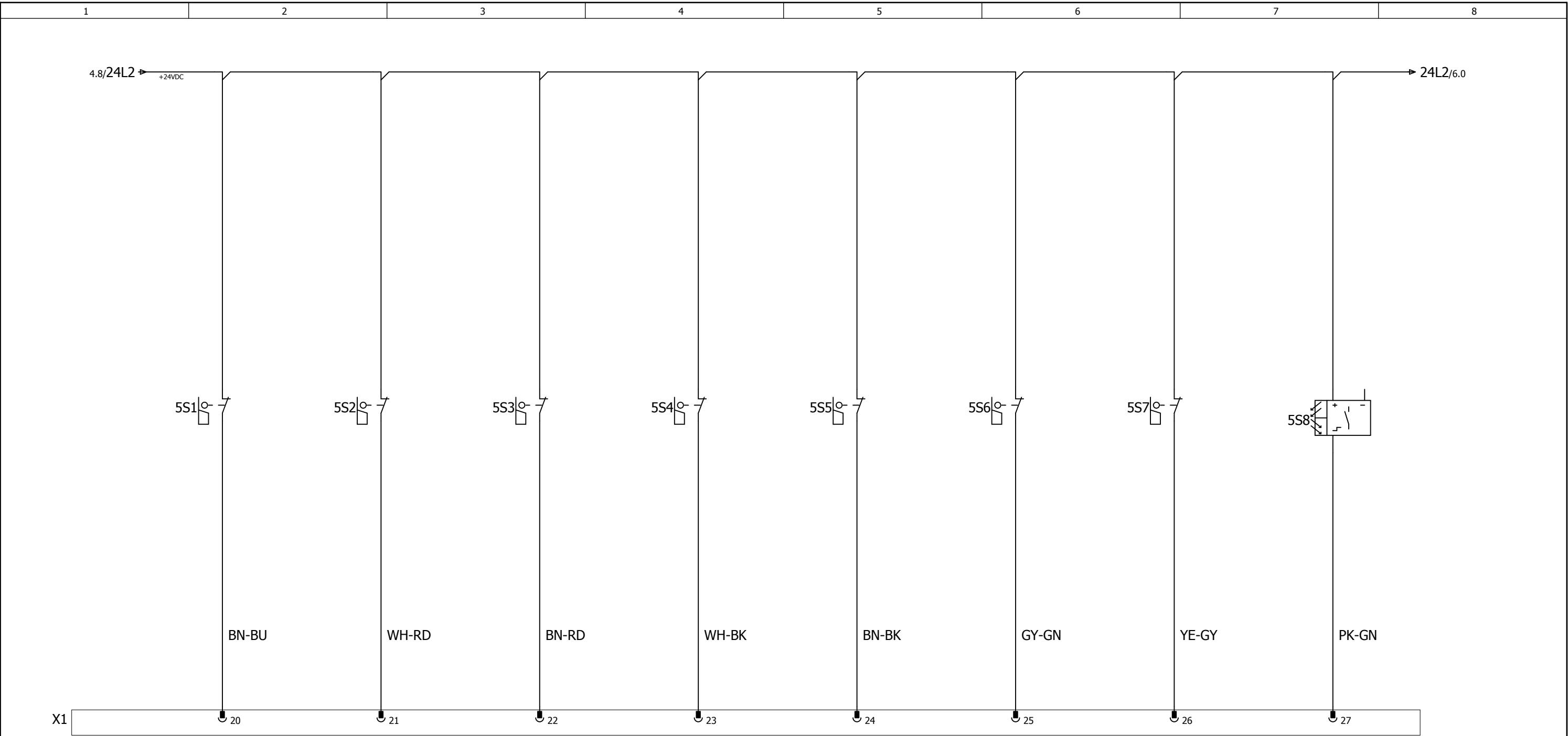


Versorgungs- spannung 0V	Versorgungs- spannung 0V	Versorgungs- spannung Motoren	Versorgungs- spannung Sensoren	Versorgungs- spannung 0V	Versorgungs- spannung 0V	Versorgungs- spannung Motoren	Versorgungs- spannung Sensoren
Power Supply 0V	Power Supply 0V	Power Supply Motors	Power Supply Sensors	Power Supply 0V	Power Supply 0V	Power Supply Motors	Power Supply Sensors



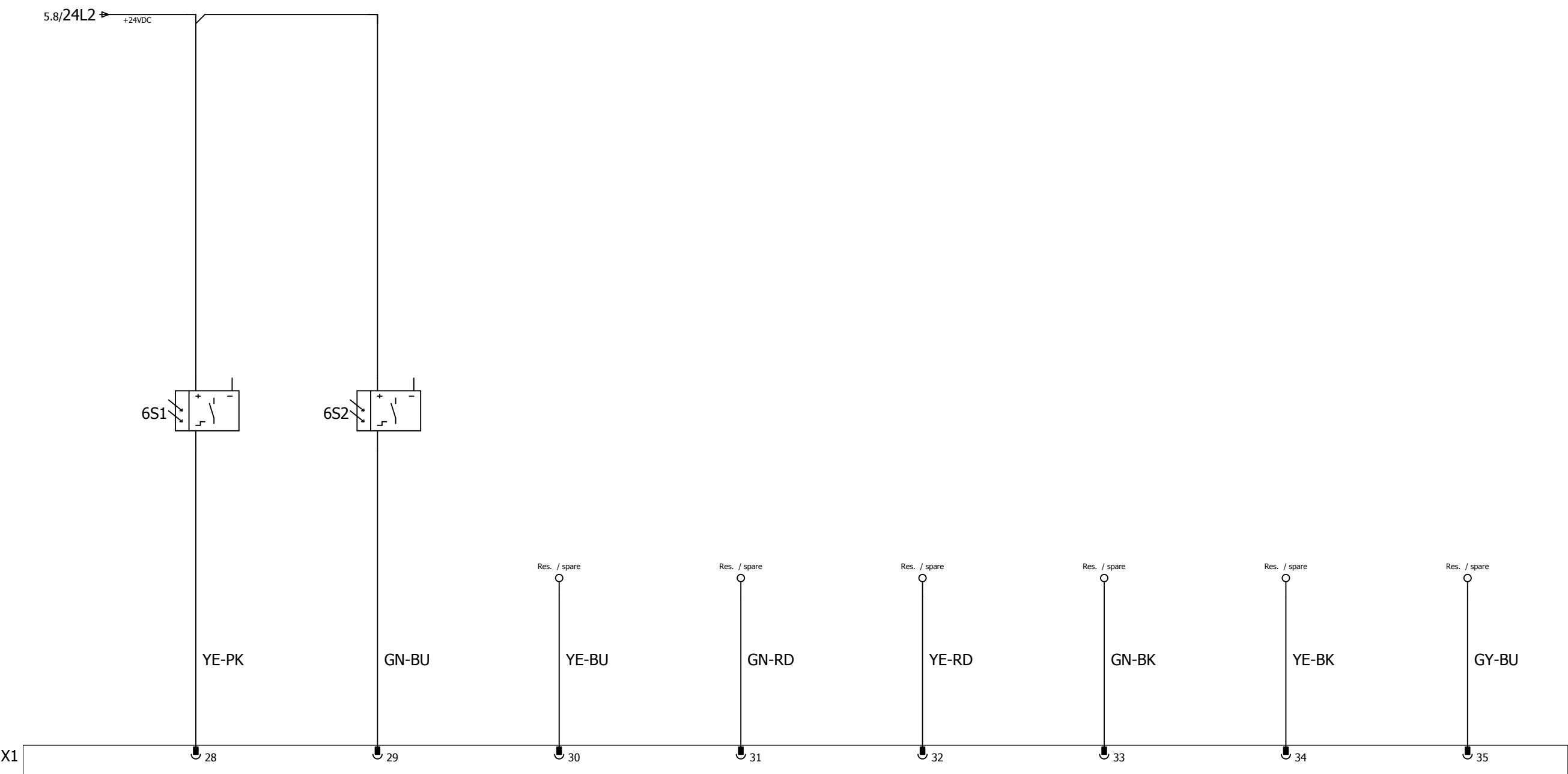


Tür EG geschlossen	Tür 1. OG offen	Tür 1. OG geschlossen	Tür 2. OG offen	Tür 2. OG geschlossen	Lichtschanke EG	Lichtschanke 1. OG	Lichtschanke 2. OG
door ground floor closed	door 1. floor open	door 1. floor closed	door 2. floor open	door 2. floor closed	light barrier ground floor	light barrier 1. floor	light barrier 2. floor

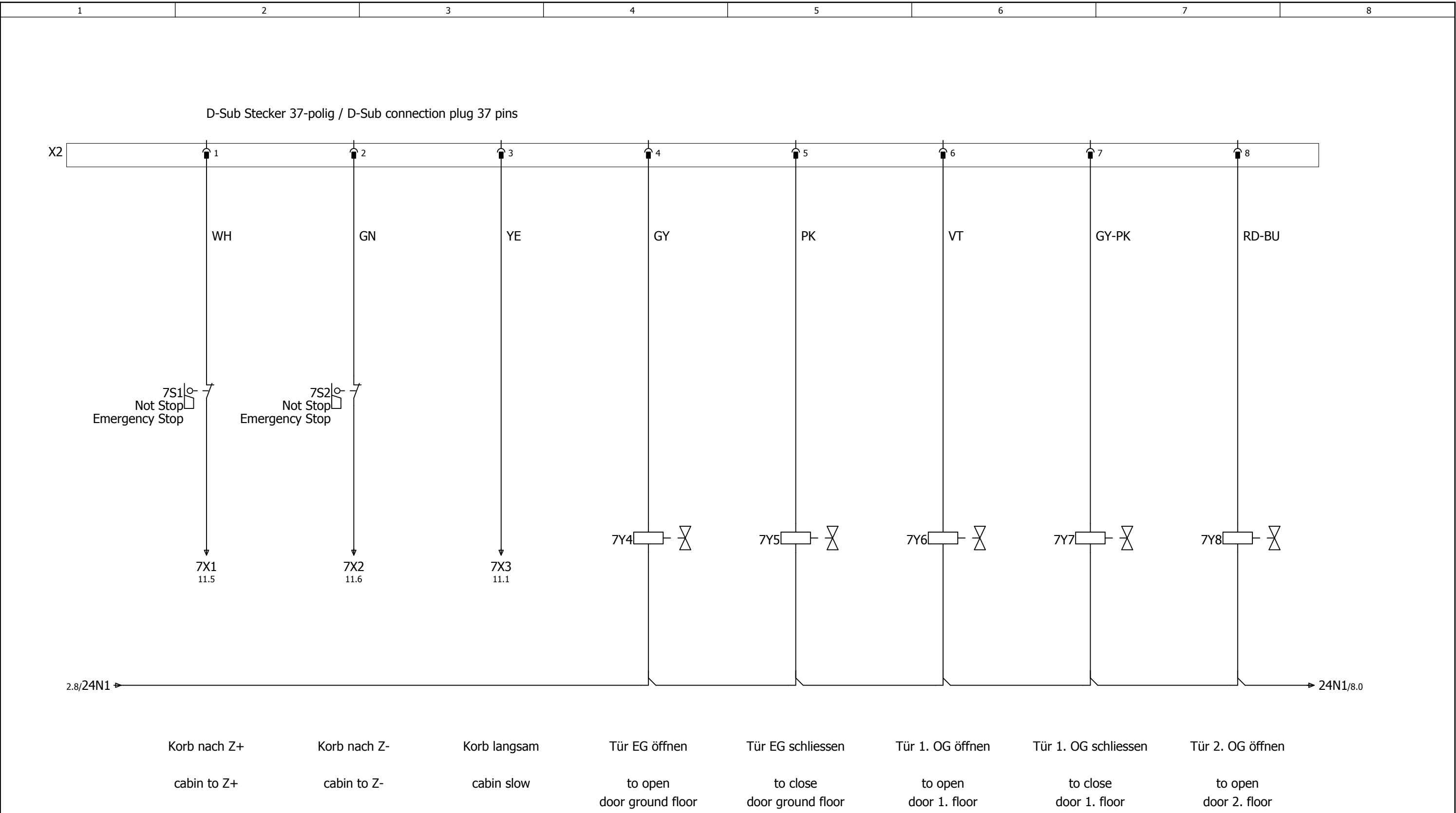


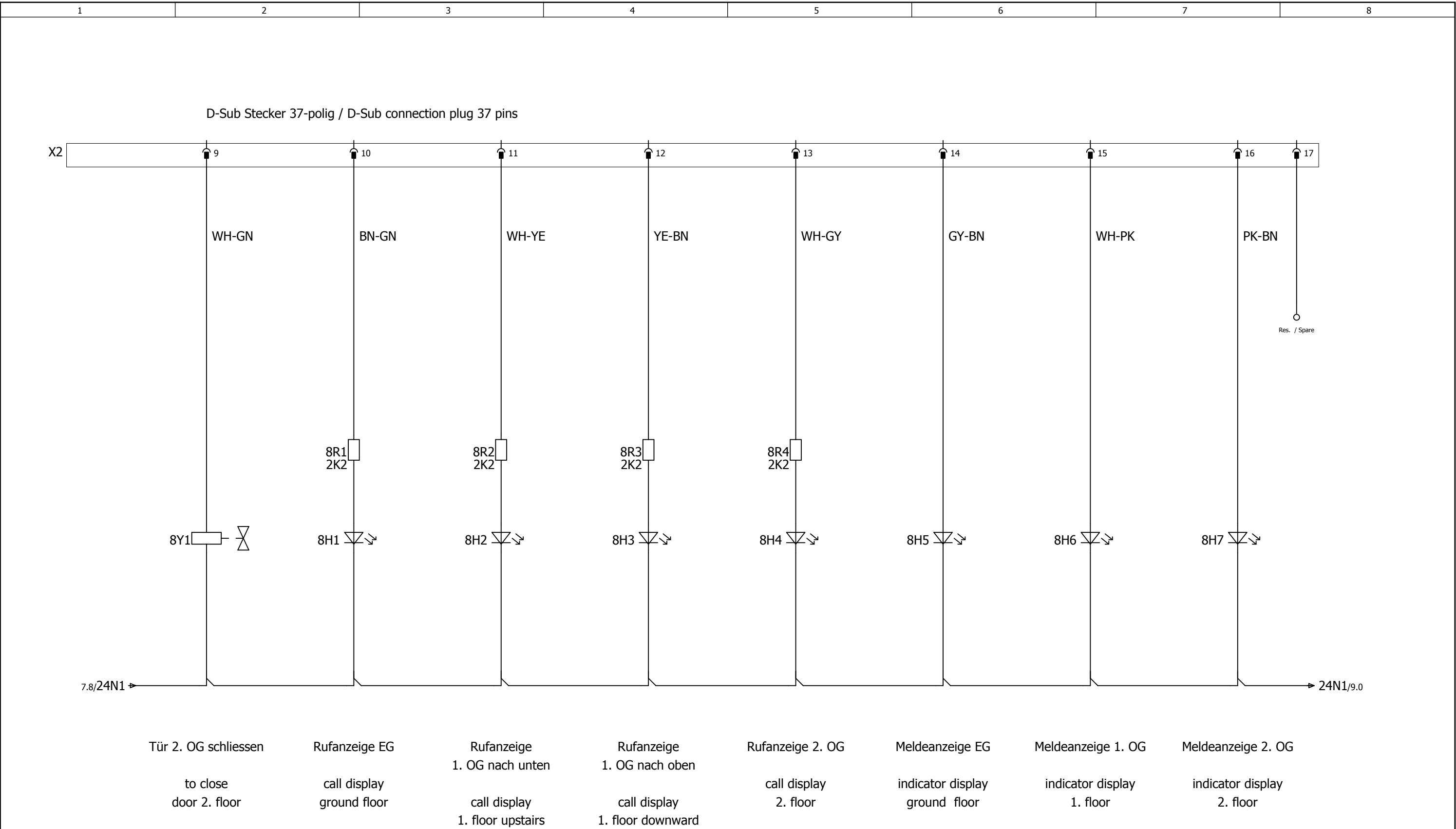
D-Sub Stecker 37-polig / D-Sub connection plug 37 pins

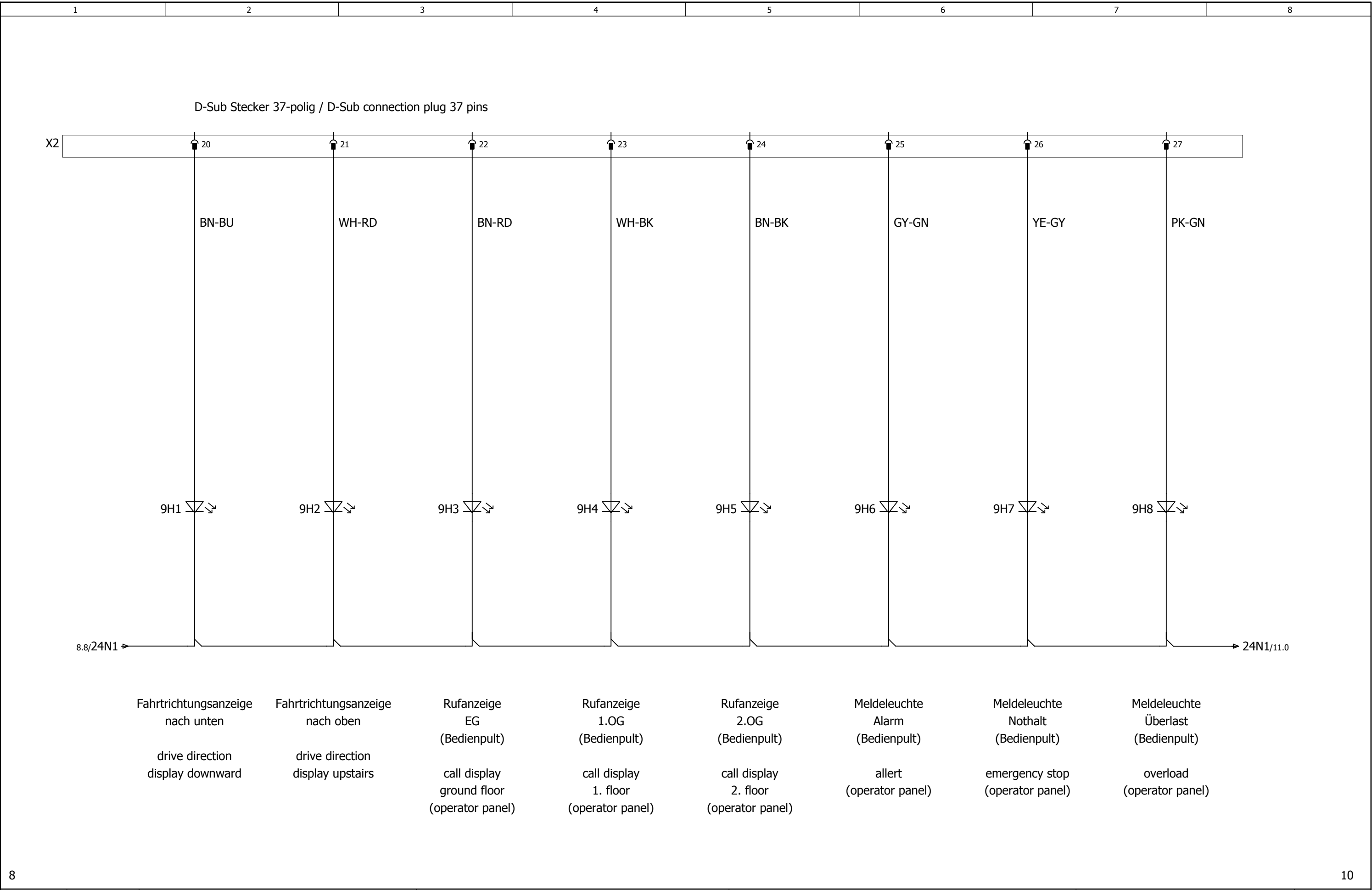
- | | | | | | | | |
|--------------------------|-------------------------------|-------------------------------|----------------------|---|---------------------------------------|---------------------------------------|--------------------------|
| Ruftaster EG | Ruftaster 1. OG nach unten | Ruftaster 1. OG nach oben | Ruftaster 2. OG | Ruftaste EG (Bedienpult) | Ruftaste 1.OG (Bedienpult) | Ruftaste 2.OG (Bedienpult) | Alarmtaster (Bedienpult) |
| call button ground floor | call button 1. floor downward | call button 1. floor upstairs | call button 2. floor | call button ground floor (operator panel) | call button 1. floor (operator panel) | call button 2. floor (operator panel) | allert (operator panel) |

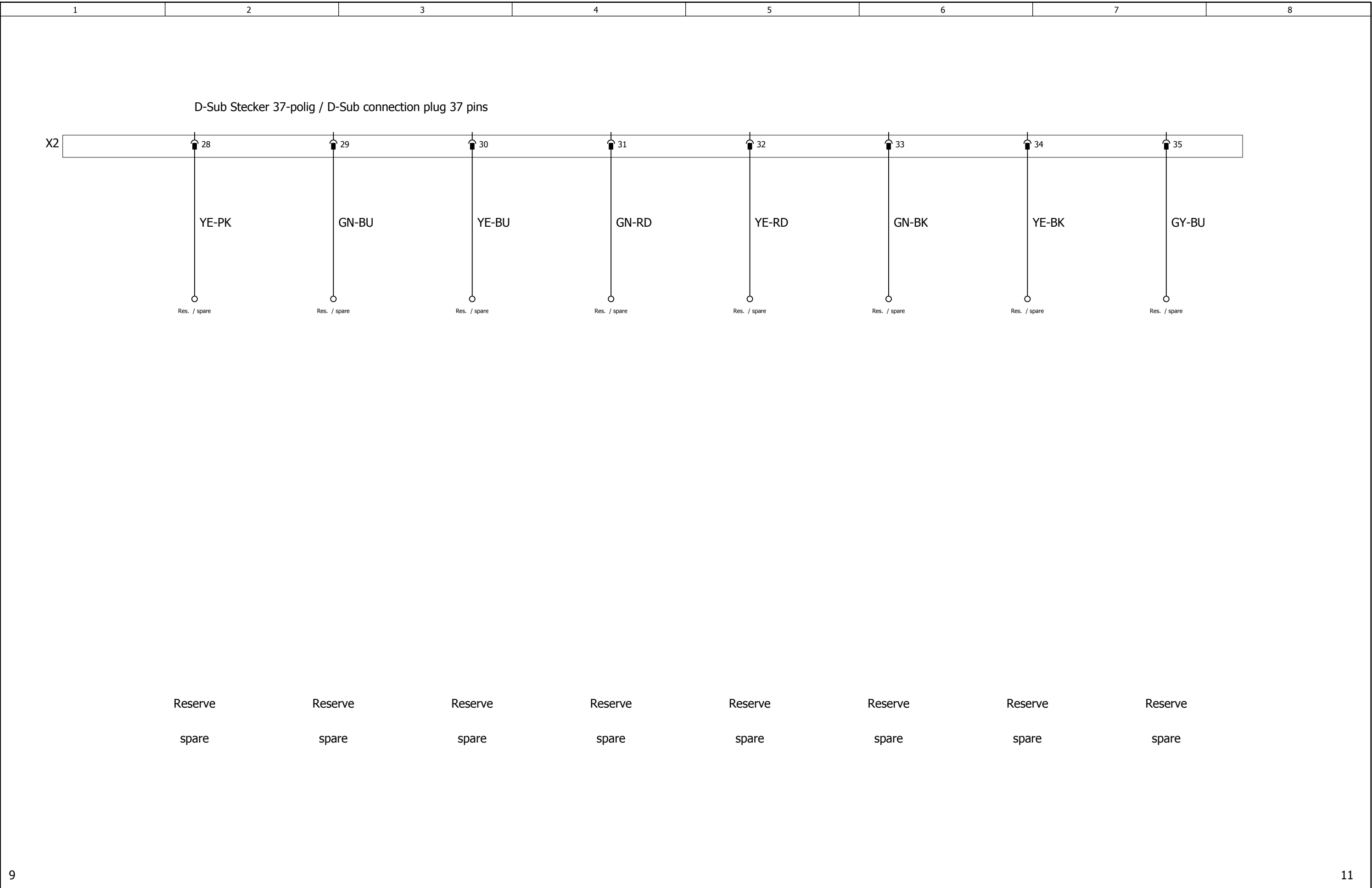


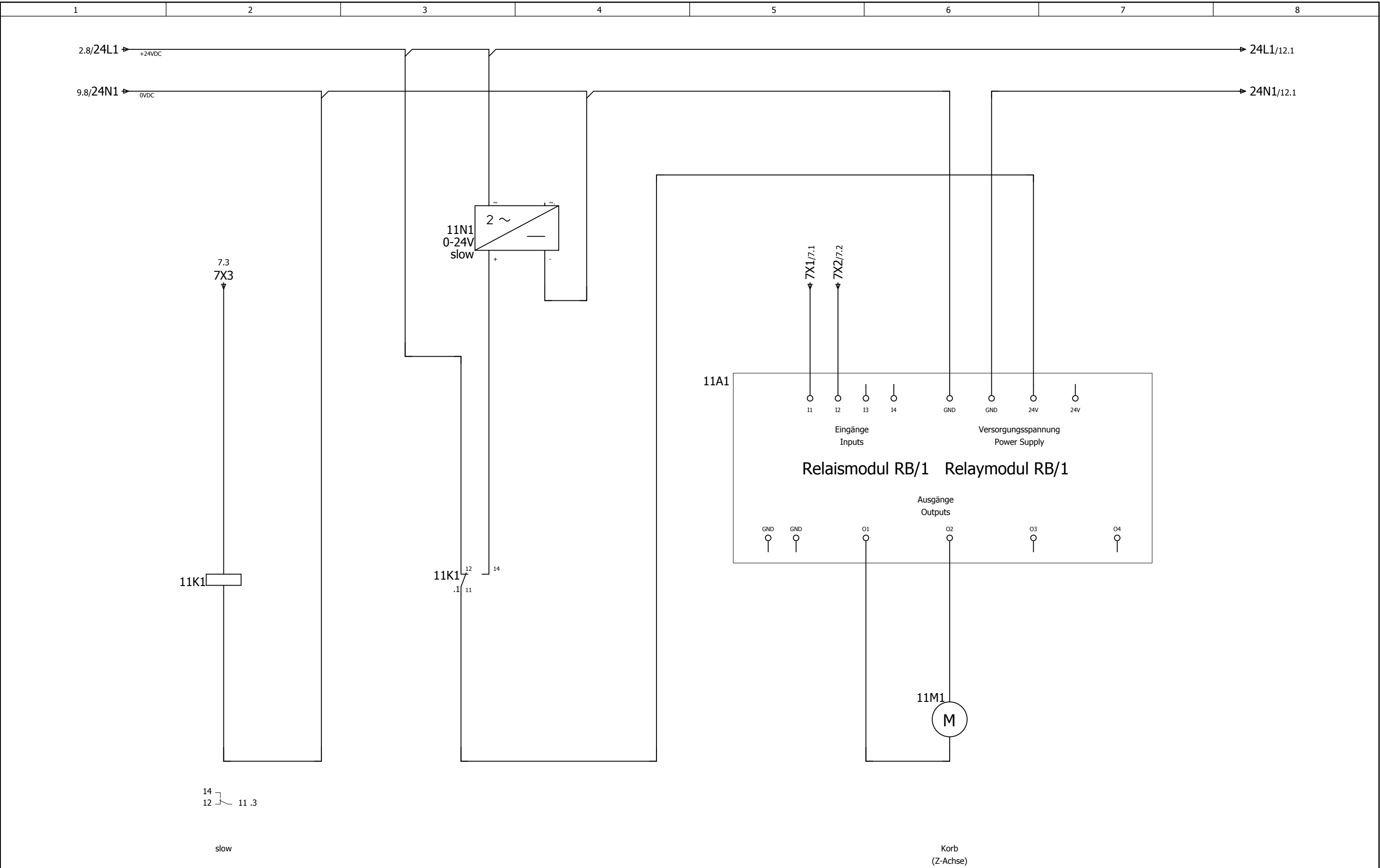
Nothalt (Bedienpult)	Simulation Überlast	Reserve	Reserve	Reserve	Reserve	Reserve	Reserve
emergency stop (operator panel)	Simulation overload	spare	spare	spare	spare	spare	spare

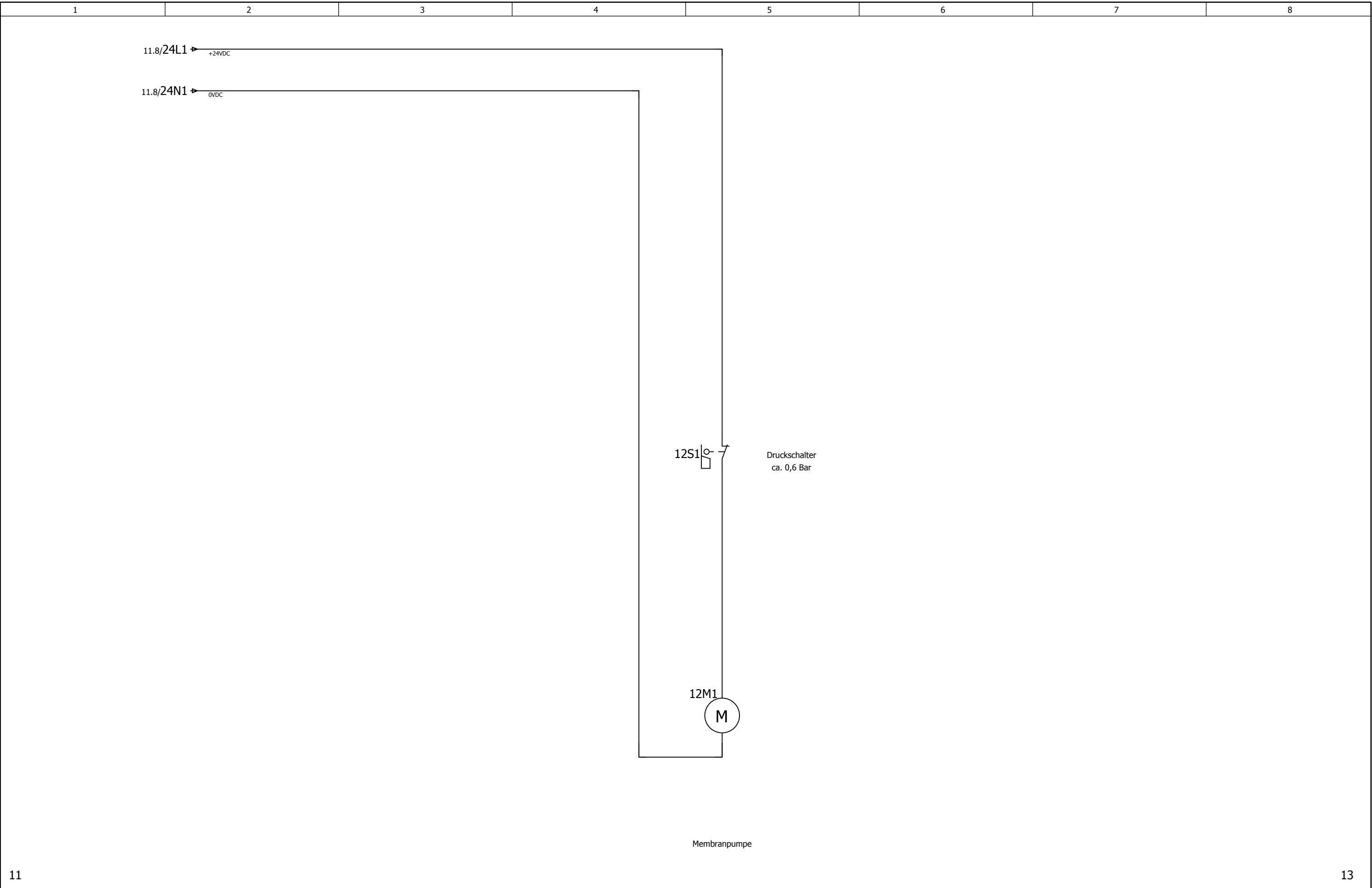


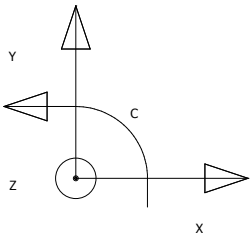
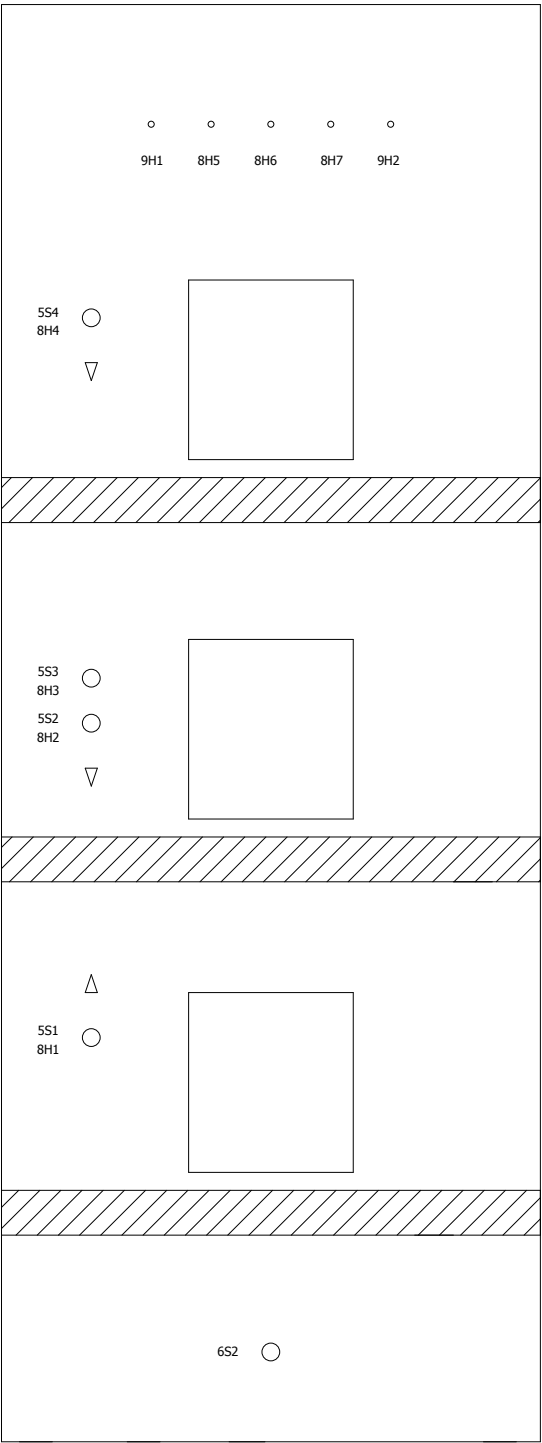












STECKERBELEGUNGSPLAN

PIN - OUT - DIAGRAM

Stecker : X1

Plug : D-Sub Stecker 37-polig
D-Sub connection plug 37 pins

Pin	Color	I/O	Sensor/Actor	Funktion / Function
1	WH		3S1	Korb Pos. EG / cabin pos. ground floor
2	GN		3S2	Korb Pos. 1. OG / cabin pos. 1. floor
3	YE		3S3	Korb Pos. 1. OG / Ecabin pos. 1. floor
4	GY		3S4	Umschaltung langsam EG / switch-over slow ground floor
5	PK		3S5	Umschaltung langsam 1. OG von unten / switch-over slow 1. floor from the bottom
6	VT		3S6	Umschaltung langsam 1. OG von oben / switch-over slow 1. floor from the top
7	GY-PK		3S7	Umschaltung langsam 2. OG / switch-over slow 2. floor
8	RD-BU		3S8	Tür EG offen / door ground floor open
9	WH-GN		4S1	Tür EG geschlossen / door ground floor closed
10	BN-GN		4S2	Tür 1. OG offen / door 1. floor open
11	WH-YE		4S3	Tür 1. OG geschlossen / door 1. floor closed
12	YE-BN		4S4	Tür 2. OG offen / door 2. floor open
13	WH-GY		4S5	Tür 2. OG geschlossen / door 2. floor closed
14	GY-BN		4S6	Lichtschränke EG / light barrier ground floor
15	WH-PK		4S7	Lichtschränke 1. OG / light barrier 1. floor
16	PK-BN		4S8	Lichtschränke 2. OG / light barrier 2. floor
17	WH-BU		Res./Spare	Reserve / Spare
18				Versorgungsspannung 0V / Power Supply 0V
19	BK		X-	Versorgungsspannung 0V / Power Supply 0V
20	BN-BU		5S1	Ruftaster EG / call button ground floor
21	WH-RD		5S2	Ruftaster 1. OG nach unten / call button 1. floor downward
22	BN-RD		5S3	Ruftaster 1. OG nach oben / call button 1. floor upstairs
23	WH-BK		5S4	Ruftaster 2. OG / call button 2. floor
24	BN-BK		5S5	Ruftaste EG (Bedienpult) / call button ground floor (operator panel)
25	GY-GN		5S6	Ruftaste 1.OG (Bedienpult) / call button 1. floor (operator panel)
26	YE-GY		5S7	Ruftaste 2.OG (Bedienpult) / call button 2. floor (operator panel)
27	PK-GN		5S8	Alarmtaster (Bedienpult) / alert (operator panel)
28	YE-PK		6S1	Nothalt (Bedienpult) / emergency stop (operator panel)
29	GN-BU		6S2	Simulation Überlast / Simulation overload
30	YE-BU		Res./spare	Reserve / spare
31	GN-RD		Res./spare	Reserve / spare
32	YE-RD		Res./spare	Reserve / spare
33	GN-BK		Res./spare	Reserve / spare
34	YE-BK		Res./spare	Reserve / spare
35	GY-BU		Res./spare	Reserve / spare
36	RD		2F1	Versorgungsspannung Motoren / Power Supply Motors
37	BN		2F2	Versorgungsspannung Sensoren / Power Supply Sensors

STECKERBELEGUNGSPLAN
PIN-OUT-DIAGRAM

Stecker : X2
Plug : D-Sub Stecker 37-polig
D-Sub connection plug 37 pins

Pin	Color	I/O	Sensor/Actor	Funktion / Function
1	WH		7S1	Korb nach Z+ / cabin to Z+
2	GN		7S2	Korb nach Z- / cabin to Z-
3	YE		11K1	Korb langsam / cabin slow
4	GY		7Y4	Tür EG öffnen / to open door ground floor
5	PK		7Y5	Tür EG schliessen / to close door ground floor
6	VT		7Y6	Tür 1. OG öffnen / to open door 1. floor
7	GY-PK		7Y7	Tür 1. OG schliessen / to close door 1. floor
8	RD-BU		7Y8	Tür 2. OG öffnen / to open door 2. floor
9	WH-GN		8Y1	Tür 2. OG schliessen / to close door 2. floor
10	BN-GN		8R1	Rufanzeige EG / call display ground floor
11	WH-YE		8R2	Rufanzeige 1. OG nach unten / call display 1. floor upstairs
12	YE-BN		8R3	Rufanzeige 1. OG nach oben / call display 1. floor downward
13	WH-GY		8R4	Rufanzeige 2. OG / call display 2. floor
14	GY-BN		8H5	Meldeanzeige EG / indicator display ground floor
15	WH-PK		8H6	Meldeanzeige 1. OG / indicator display 1. floor
16	PK-BN		8H7	Meldeanzeige 2. OG / indicator display 2. floor
17	WH-BU		Res./Spare	Reserve / Spare
18				Versorgungsspannung 0V / Power Supply 0V
19	BK		X-	Versorgungsspannung 0V / Power Supply 0V
20	BN-BU		9H1	Fahrtrichtungsanzeige nach unten / drive direction display downward
21	WH-RD		9H2	Fahrtrichtungsanzeige nach oben / drive direction display upstairs
22	BN-RD		9H3	Rufanzeige EG (Bedienpult) / call display ground floor (operator panel)
23	WH-BK		9H4	Rufanzeige 1.OG (Bedienpult) / call display 1. floor (operator panel)
24	BN-BK		9H5	Rufanzeige 2.OG (Bedienpult) / call display 2. floor (operator panel)
25	GY-GN		9H6	Meldeleuchte Alarm (Bedienpult) / allert (operator panel)
26	YE-GY		9H7	Meldeleuchte Nothalt (Bedienpult) / emergency stop (operator panel)
27	PK-GN		9H8	Meldeleuchte Überlast (Bedienpult) / overload (operator panel)
28	YE-PK		Res./spare	Reserve / Spare
29	GN-BU		Res./spare	Reserve / Spare
30	YE-BU		Res./spare	Reserve / Spare
31	GN-RD		Res./spare	Reserve / Spare
32	YE-RD		Res./spare	Reserve / Spare
33	GN-BK		Res./spare	Reserve / Spare
34	YE-BK		Res./spare	Reserve / Spare
35	GY-BU		Res./spare	Reserve / Spare
36	RD		2F1	Versorgungsspannung Motoren / Power Supply Motors
37	BN		2F2	Versorgungsspannung Sensoren / Power Supply Sensors