

Drawing number 70012435

Stromlaufplan

Control / Steuerung	SH6	
Hoist Motor / Hubmotor	12/2H71	
Type / Ausführung	A (control with transformer + main contactor)	
Overload Device / Lastwächter	SLE3	
Voltage / Spannung	208-230V / 110/120V 60Hz	
Fuses / Sicherungen	F41-43	10A Class CC
	F101-102	2A Class CC
Fuses / Sicherungen by customer / bauseits	main fuse	60A Class J

Document Dokument	Sheet Blatt
BILL OF MATERIALS GERÄTELISTE	1 (1)
POWER SUPPLY STROMVERSORGUNG	1 (10)
HOIST HUBWERK	2 (10)
TROLLEY FAHRWERK	5 (10)
CONTROL PENDANT STEUERGERÄT	7 (10)
TERMINAL DIAGRAM X16 KLEMMENPLAN X16	8 (10)
LOCATION DIAGRAM A16 AUFBAUPLAN A16	9 (10)
CABEL DIAGRAM KABELPLAN	10 (10)

Date / Datum	Dept. / Abteilung	Designer / Bearbeiter	Page / Seite
07.08.2018	G-Platform	Schnell	1/1

Drawing number **70012435**
 Stromlaufplan

BILL OF MATERIALS

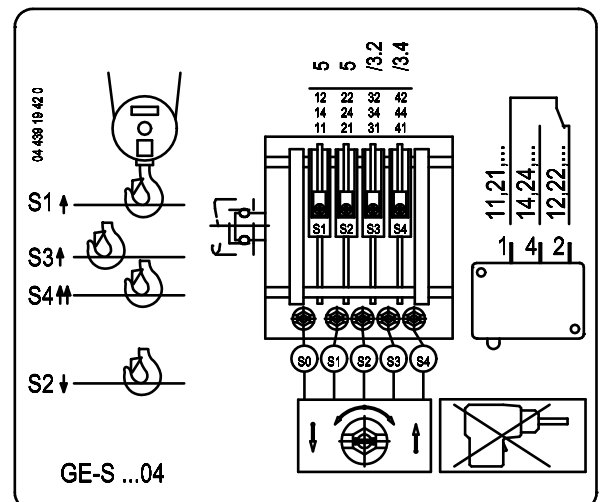
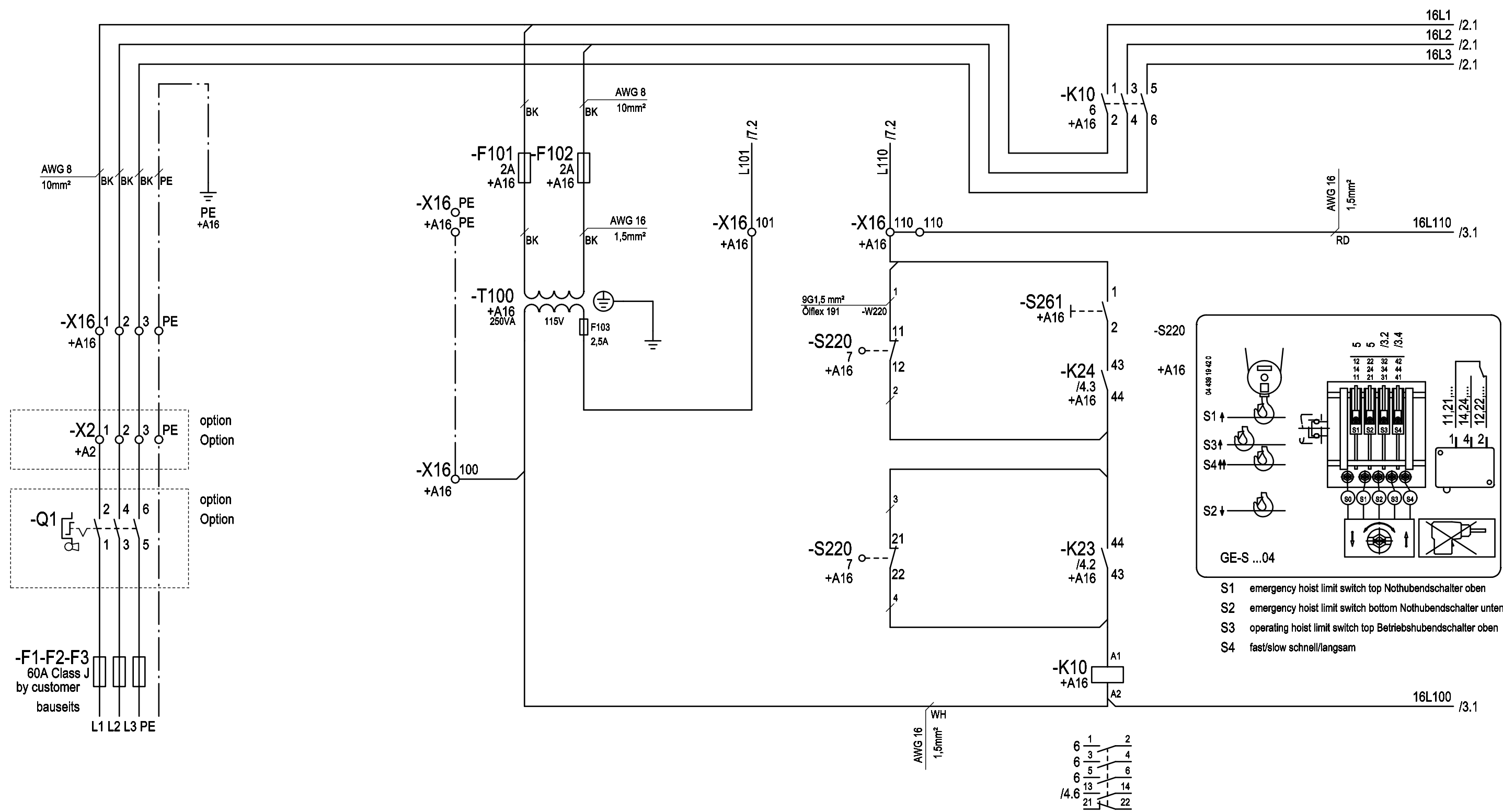
Lokcat. Ort	Refer. Referenz	Qty. Anzahl	Spezifikation Typ	Discription Benennung	Fabricate Hersteller	Item Code Sach-Nr.
+A16	-A275	1	SLE3 110/120V	OVERLOAD DEVICE LASTWÄCHTER		579 770 0
+A16	-F41-F43	3	USBCC1	FUSE HOLDER SICHERUNGSTRENNER	FERRAZ	510 078 0
		3	ATDR10 10x38 10A	FUSE LINK SCHMELZEINSATZ	FERRAZ	510 084 0
+A16	-F101-F102	2	USBCC1	FUSE HOLDER SICHERUNGSTRENNER	FERRAZ	510 078 0
		2	ATDR2 10x38 2A	FUSE LINK SCHMELZEINSATZ	FERRAZ	510 093 0
+A16	-G21	1	20/017.000.2 1.8A	RECTIFIER GLEICHRICHTER	MAYR	04 430 02 88 0
+A16	-K10	1	LC1-D50A G7	CONTACTOR SCHÜTZ	SCHNEIDER	582 135 0
+A16	-K23-K24	2	LC1-D50A G7	CONTACTOR SCHÜTZ	SCHNEIDER	582 135 0
		2	LAD-N11G	AUXILIARY CONTACT BLOCK HILFSSCHALTERBLOCK	SCHNEIDER	582 069 0
+A16	-K25	1	LC1-D80008 G7	CONTACTOR SCHÜTZ	SCHNEIDER	582 140 0
+A16	-K29	1	LC1-D09 G7	CONTACTOR SCHÜTZ	SCHNEIDER	582 041 0
+A16	-K41-K42	1	LC2-K09 G7	CONTACTOR SCHÜTZ	SCHNEIDER	579 472 0
+A16	-K45	1	LC1-K09008 G7	CONTACTOR SCHÜTZ	SCHNEIDER	579 473 0
+A16	-Q29	1	GV2 RT20	CIRCUIT BREAKER LEISTUNGSSCHALTER	SCHNEIDER	579 508 0
		1	GV AN20	AUXILIARY CONTACT BLOCK HILFSSCHALTERBLOCK	SCHNEIDER	579 505 0
+A16	-S220	1	GE-S125.04	GEAR-TYPE LIMIT SWITCH GETRIEBEENDSCHALTER	STROMAG	580 005 0
+A16	-S260/-S261	2	E 215-16-11B	PUSH BUTTON DRUCKTASTER	ABB	578 553 0
+A16	-T100	1	RSTN 270-UL-CSA	TRANSFORMER TRANSFORMATOR	RIEDEL	579 584 0
+A16	-X16	1	WPE35	PE-TERMINAL SCHUTZLEITERKLEMME	WEIDMUELLER	519 519 0
		3	WDU35	TERMINAL KLEMME	WEIDMUELLER	519 514 0
		1	WPE10	PE-TERMINAL SCHUTZLEITERKLEMME	WEIDMUELLER	519 517 0
		12	WDU10	TERMINAL KLEMME	WEIDMUELLER	519 512 0
		4	A2C 2.5 PE	PE-TERMINAL SCHUTZLEITERKLEMME	WEIDMUELLER	519 634 0
		20	A2C 2.5	TERMINAL KLEMME	WEIDMUELLER	519 633 0
+TR1	-B275	1		LOAD SENSOR LASTSENSOR		
+TR1	-M21	1		HOIST MOTOR HUBMOTOR		
+TR1	-M41	1		TROLLEY MOTOR KATZFAHRMOTOR		
+TR1	-S228	1		BLOCK OPERATED UPPER LIMT SWITCH ENDSCHALTER (US)		
+TR1	-S420	1		TROLLEY LIMIT SWITCH KATZFAHRENDSCHALTER		

power supply
Netzanschluss

control transformer
Steuertransformator

emergency hoist limit switch
Nothubendschalter

crane switch
Kranschalter



- S1 emergency hoist limit switch top Nothubendschalter oben
- S2 emergency hoist limit switch bottom Nothubendschalter unten
- S3 operating hoist limit switch top Betriebshubendschalter oben
- S4 fast/slow schnell/langsam

16L100 /3.1

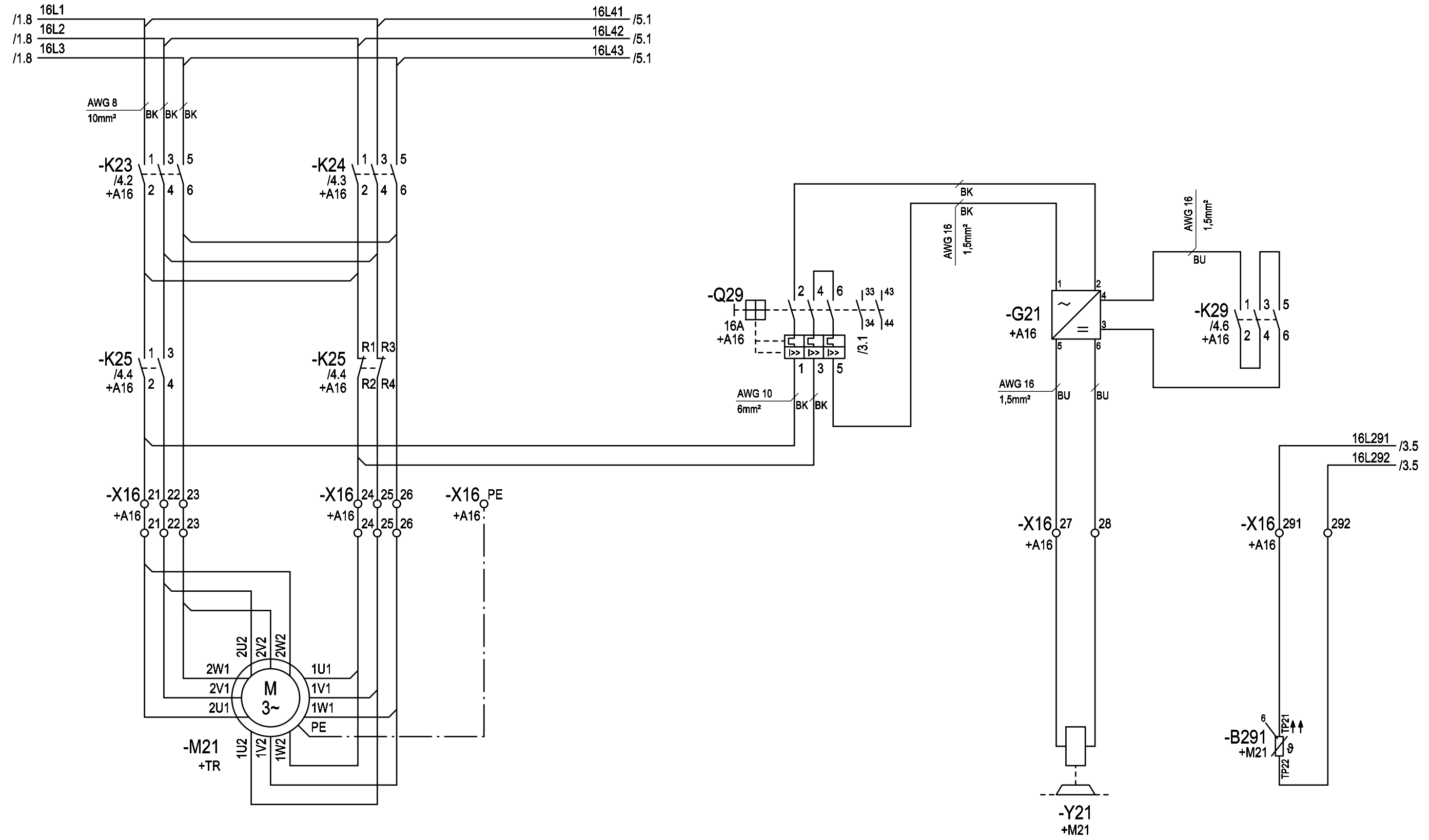
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Rev.		Plot	06.08.2018	Rep. by

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Order No.	Serial No. xxxxxx

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hoist motor
Hubmotor



Changes	Date	Name	Date	Name
	07.08.18	Schnell	08.06.18	Huhnd.
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			08.06.18	Huhnd.
Rev.		Plot	06.08.2018	Rep. by
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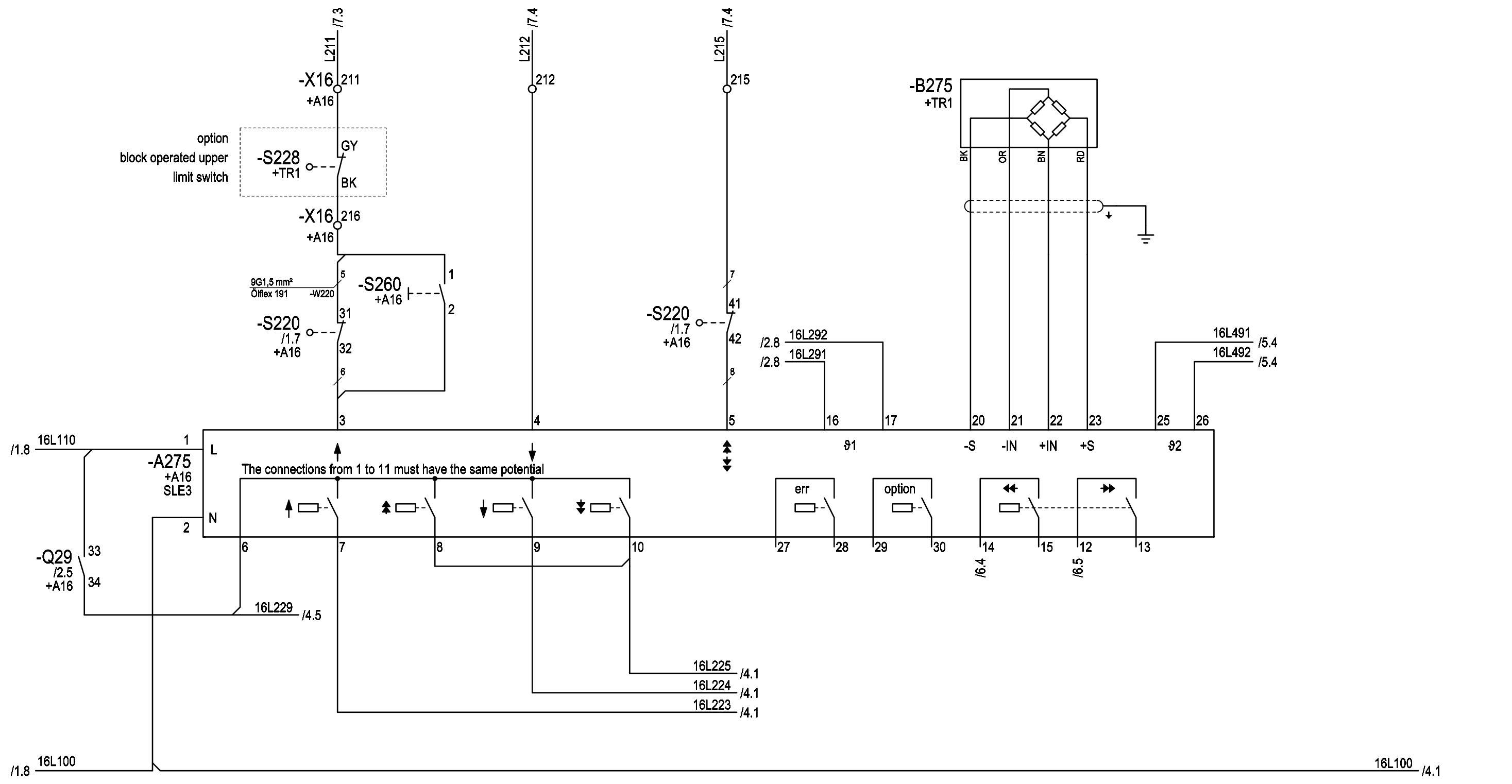
Copyright according to DIN ISO 16016	circuit diagram SH6 H71 type A SLE3 hoisting	=
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hoisting
heben

lowering
senken

fast
schnell

temperature / load monitoring
Temperatur- / Lastüberwachung



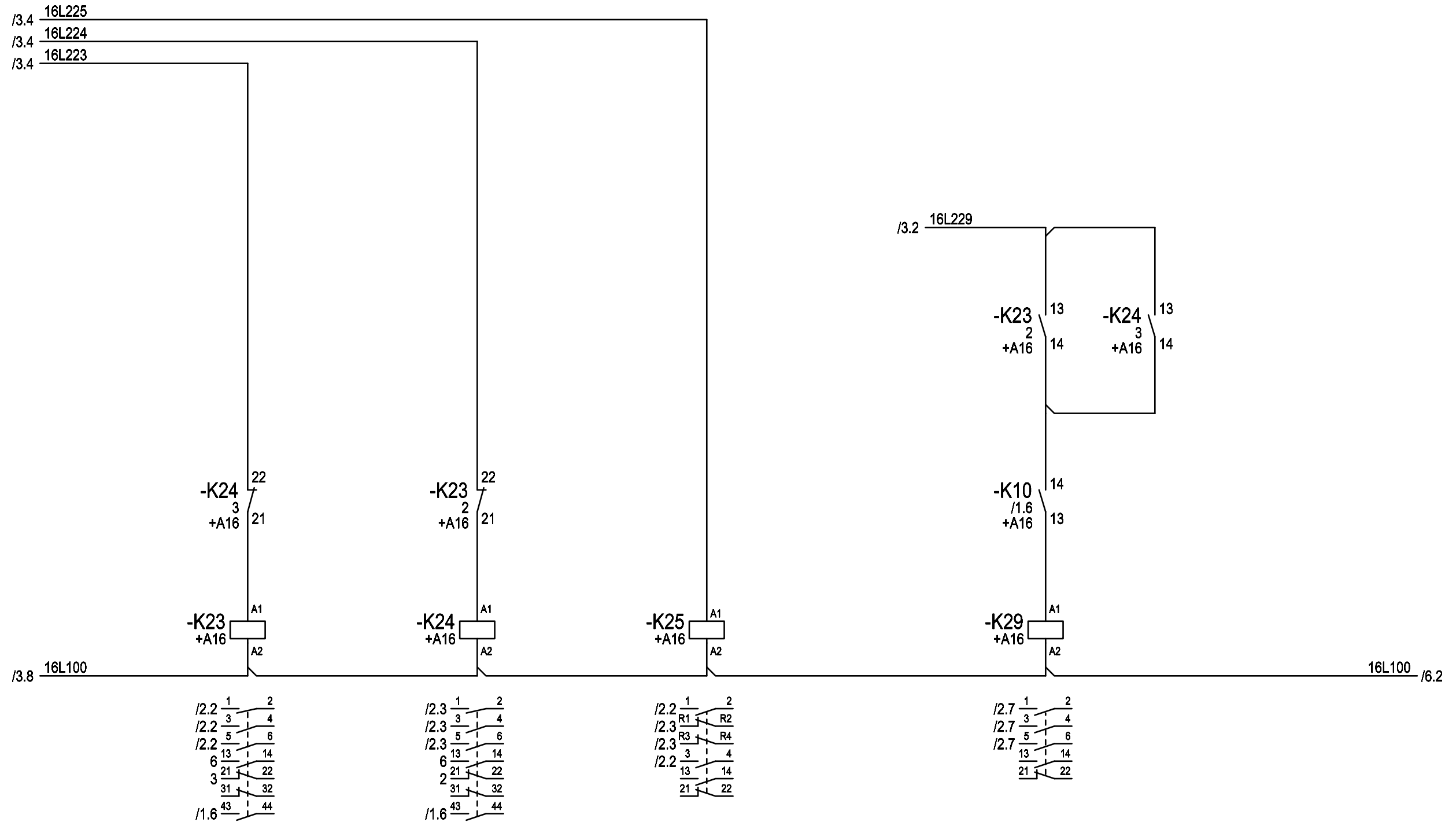
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Rev.		Plot	06.08.2018	Rep. by
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				Origin

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hoisting
heben

lowering
senken

fast
schnell



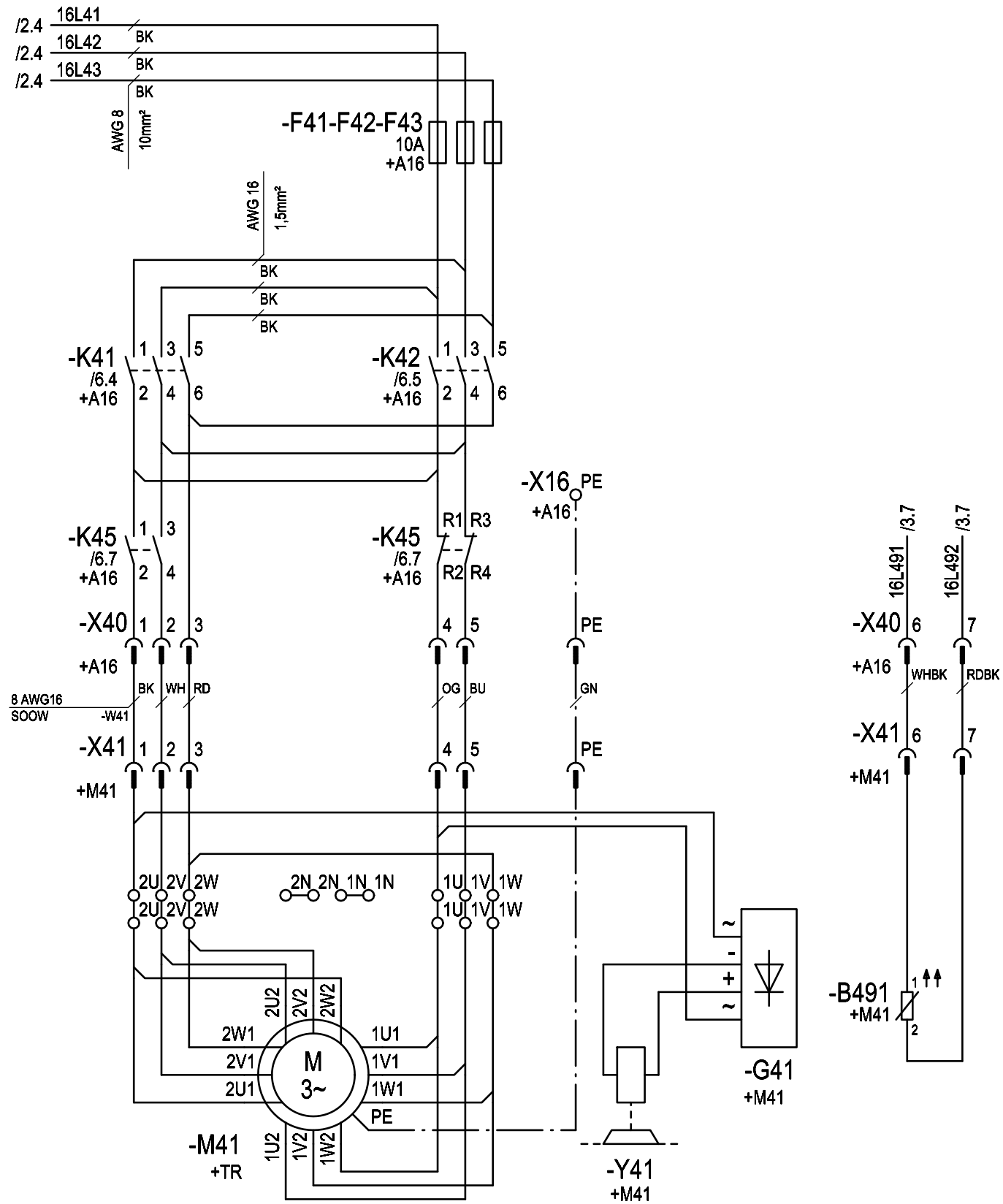
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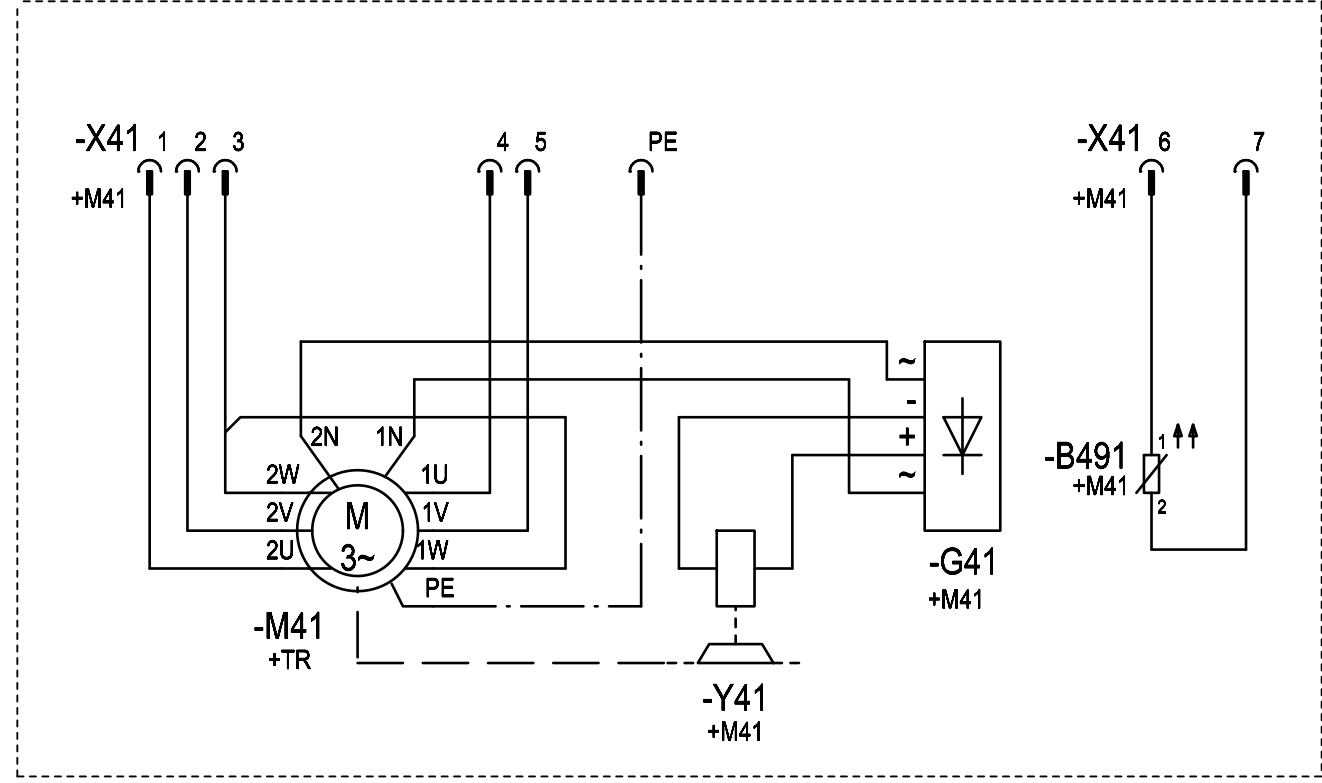
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cross travel motor
Katzfahrmotor



Note! Connection at 208V supply voltage.
Hinweis! Anschluss bei 208V Betriebsspannung.



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			08.06.18	Huhnd.

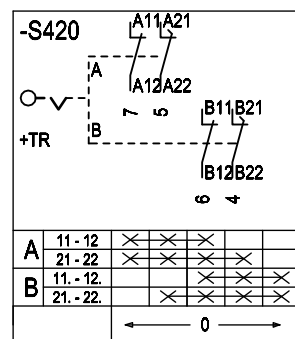
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Order No.	Serial No. xxxxxx

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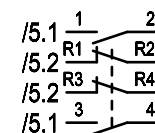
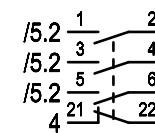
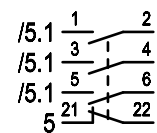
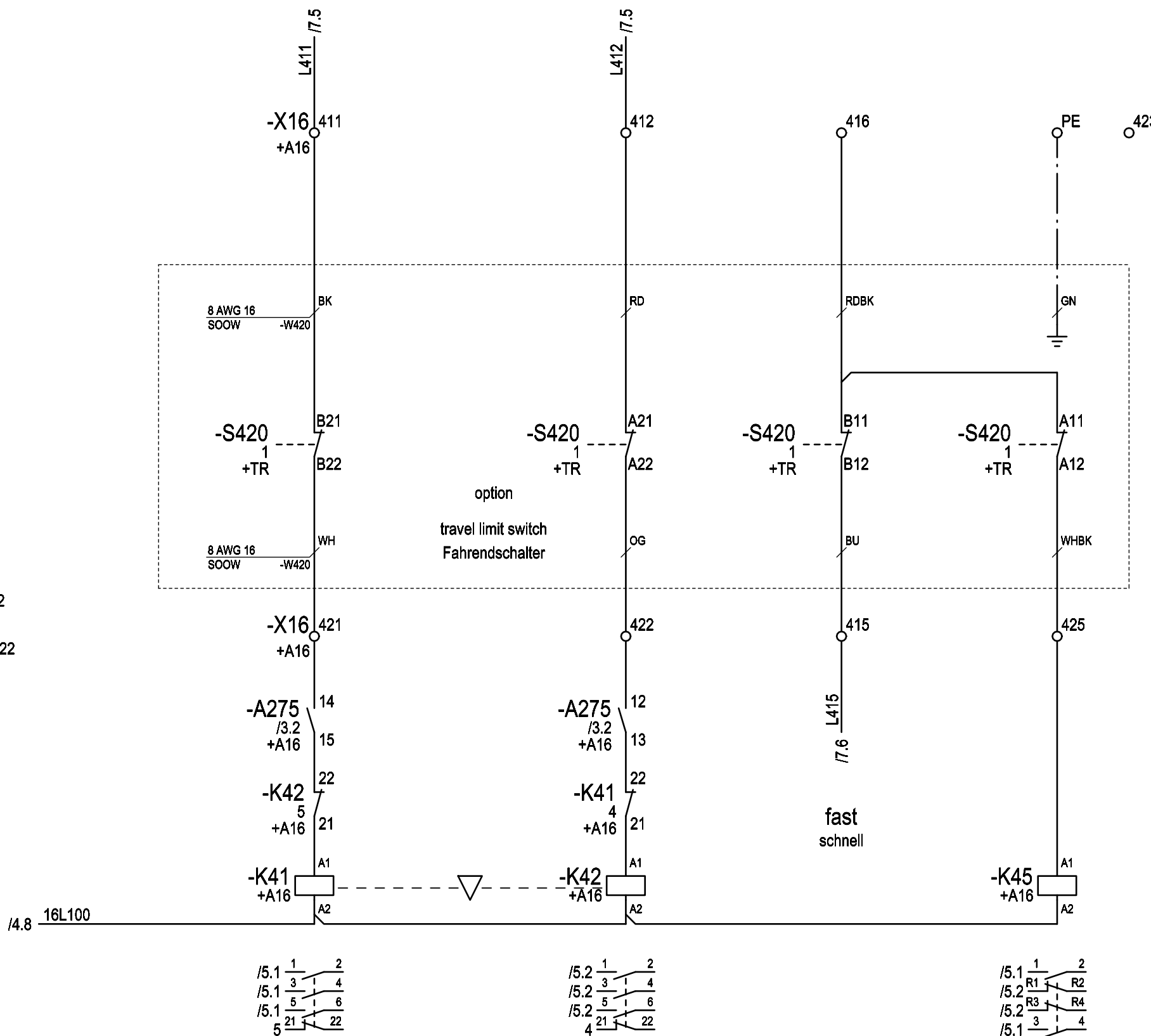
left
links

right
rechts



Attention!

with double-rail crab: change contact A21-A22 and B21-B22
 Bei Obergurttfahrwerken: Kontakte A21-A22 und B21-B22 tauschen



Rev.	Changes	Date	Name	Date	Name
		07.08.18	Schnell	08.06.18	Huhnd.
				08.06.18	Schnell
				08.06.18	Huhnd.
				06.08.2018	

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circuit diagram SH6 H71 type A SLE3 trolley
 Order No. Serial No. xxxxxx

option

hoisting gear
Hubwerk

trolley traveling gear
Katzfahrwerk

emergency stop
Not-Halt

hoisting
heben

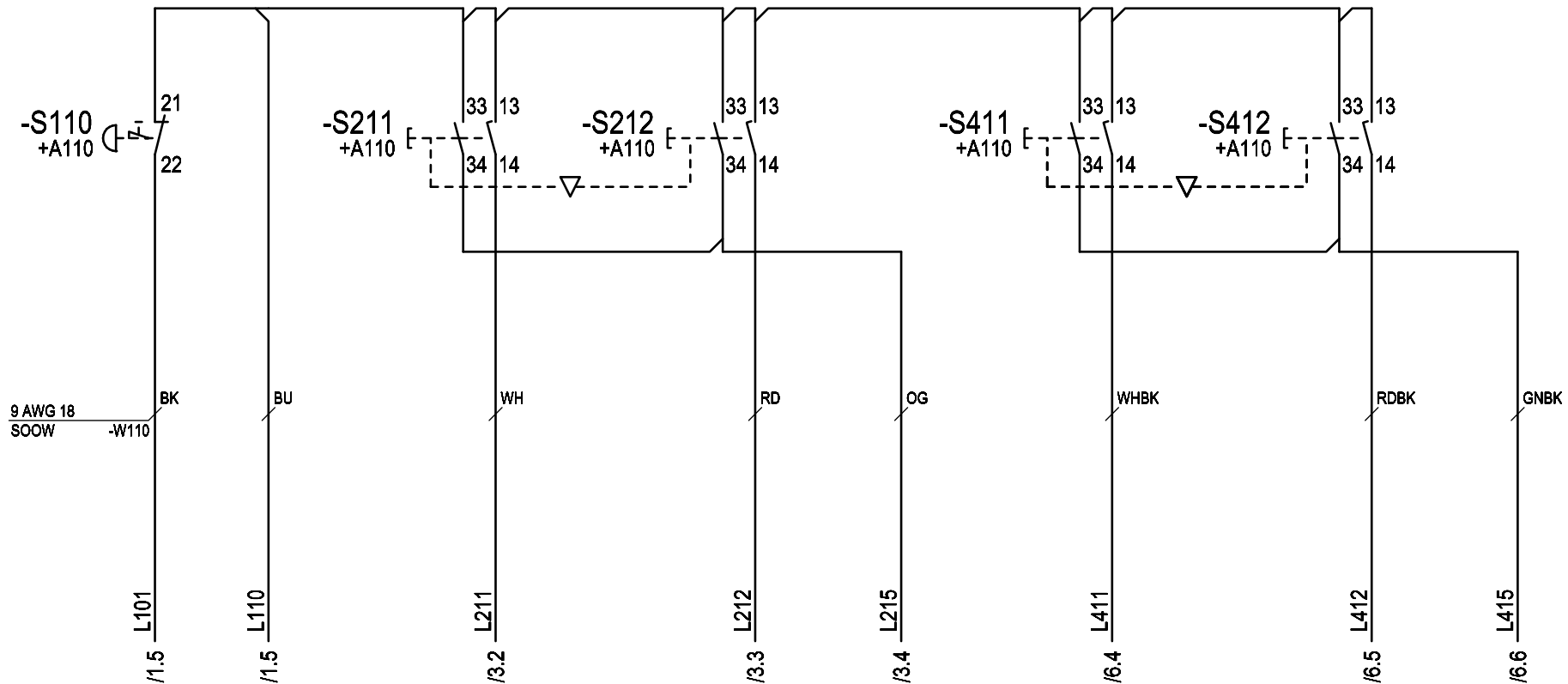
lowering
senken

fast
schnell

left
links

right
rechts

fast
schnell



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				08.06.18	Schnell
				08.06.18	Huhnd.
				06.08.2018	

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Copyright according to DIN ISO 16016	circuit diagram SH6 H71 type A SLE3 control pendant
Order No.	Serial No. xxxxxx

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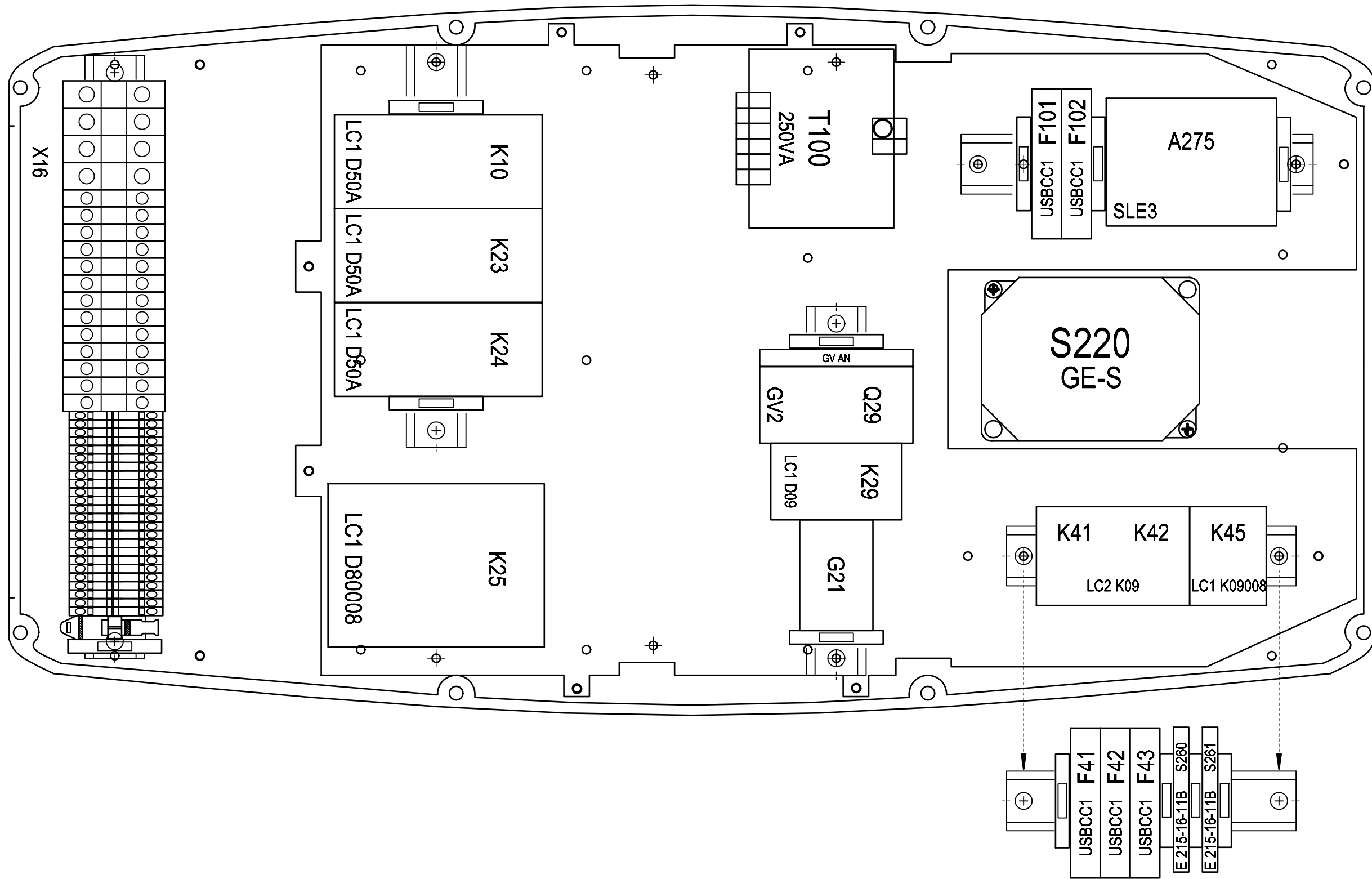
1		2				3				4				5				6				7				8																											
	AWG 16	1,5mm ²																																																			
	AWG 16	1,5mm ²																																																			
	AWG 8	10mm ²	PE																																																		
	AWG 8	10mm ²		BK	BK	BK																																															
-W220	Ölflex 191																																																				
-W110	SOOW	9 AWG 18																																																			
Kabelbezeichnung cable designation	Kabel-Typ cable type	PE	2	4	6	2		4		6		R2		R4		6		5	6		RD																																
																																	PE	2	4	6	2	4	6	R2	R4	6		5	6		RD						
Zielzeichen target symbol	Anschlussbezeichnung designatign of connection		+A16-PE	-K10	-K10	-K10		-K25		-K25		-K25		-K25		-K24		-G21	-G21		-T100	-T100	-S261	-A275	+TR1-S228	GY	4	41	1	16	17	14	14	14	12	34																	
	Kennzeichen sign																																								+A16-PE	-K10	-K10	-K10		-K25		-K25		-K25		-K25	
-X16	Darstellungsort place discription		/1.2	/1.1	/1.1	/1.1	/2.3	/2.2	/2.2		/2.2	/2.2		/2.3	/2.3		/2.3	/2.6	/2.7		/1.3	/1.3	/1.5	/1.5	/3.2	/3.3	/3.4	/3.2	/2.7	/2.8	/6.4	/6.4	/6.5	/6.5	/6.6	/6.6	/6.7	/6.7															
	Klemmentyp typ																																										WPE36	WDU36	WDU36	WDU36	WPE10	WDU10	WDU10		WDU10	WDU10	
Anschluss-Leiste terminal connector strip	Klemmen-Nr. terminal number		PE	1	2	3	PE	21	21		22	22		23	23		24	24		25	25		26	26		PE	27	28	PE	100	101	110	110	211	212	215	216	291	292	411	421	412	422	415	416	423	425	PE	PE				
	Laschenverbindung link		○	○	○	○	○	●	○	●	○	●	○	○	●	○	○	●	○	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○			
Zielzeichen target symbol	Anschlussbezeichnung designatign of connection		PE	1	2	3	PE		2U1	2W2		2V1	2U2		2W1	2V2		1U1	1W2		1V1	1U2		1W1	1V2																												
	Kennzeichen sign																																																				
Kabelbezeichnung cable designation	Kabel-Typ cable type	+A2-X2	+A2-X2	+A2-X2	+A2-X2	+TR-M21		+TR-M21	+TR-M21		+TR-M21	+TR-M21		+TR-M21	+TR-M21		+TR-M21	+TR-M21		+M21-Y21	+M21-Y21					+A110-S110	+A110-S110		+A110-S211	+A110-S212	+A110-S212		+TR1-S228	+M21-B291	+M21-B291		+TR-S420	+TR-S420	+TR-S420	+TR-S420	+TR-S420	+TR-S420	+TR-S420		+TR-S420	+TR1-S420							
-W110	SOOW	9 AWG 18																							BK	BU		WH	RD	OG																							
-W420	SOOW	8 AWG 16																																																			

von übrigen Blättern
insgesamt
Anschl. siehe Blatt

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Changes	Date	Name	Date	Name	Copyright according to DIN ISO 16016	terminal diagram	=	+A16	70012435	Page: 8
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			08.06.18	Schnell						
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			06.08.2018		Rep. by	Rep. for	Origin	Order. no.	Serial no. XXXXXX	of: 10

GK SH6



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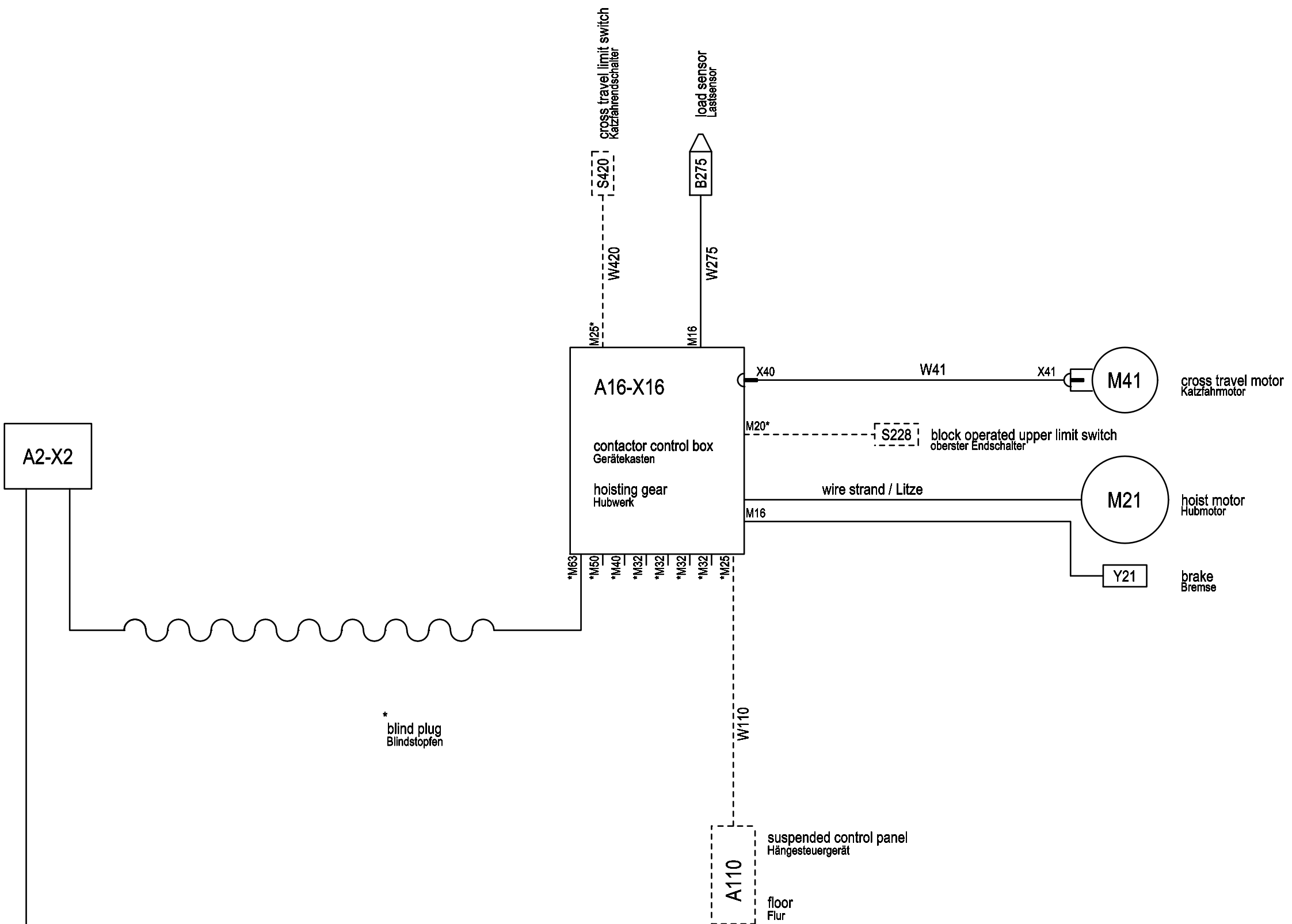
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location diagram
SH6 H71 type A SLE3
+A16

Order No. Serial No. xxxxxx

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* blind plug
Blindstopfen

A110
suspended control panel
Hängesteuergerät
floor
Flur

Changes		Date	Name	Date	Name	Copyright according to DIN ISO 16016	cable diagram SH6 H71 type A SLE3	=	70012435	Page: 10 of: 10
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Rev.			Plot	06.08.2018	Rep. by	Rep. for	Origin	Order No.	Serial No. xxxxxx	