

**Drawing number 70012449**

Stromlaufplan

Control / Steuerung	SH6	
Hoist Motor / Hubmotor	12/2H72	
Type / Ausführung	A (control with transformer + main contactor)	
Overload Device / Lastwächter	SLE3	
Voltage / Spannung	440-480V, 575-600V / 110/120V 60Hz	
	380-415V / 110/120V 50Hz	
Fuses / Sicherungen	F41-43	10A Class CC
	F101-102	2A Class CC
Fuses / Sicherungen by customer / bauseits	main fuse	50A Class J

Document Dokument	Sheet Blatt
BILL OF MATERIALS GERÄTELISTE	1 (2)
POWER SUPPLY STROMVERSORGUNG	1 (9)
HOIST HUBWERK	2 (9)
TROLLEY FAHRWERK	5 (9)
CONTROL PENDANT STEUERGERÄT	6 (9)
TERMINAL DIAGRAM X16 KLEMMENPLAN X16	7 (9)
LOCATION DIAGRAM A16 AUFBAUPLAN A16	8 (9)
CABEL DIAGRAM KABELPLAN	9 (9)

Date / Datum	Dept. / Abteilung	Designer / Bearbeiter	Page / Seite
08.08.2018	G-Plattform	Schnell	1/1

**Drawing number**      **70012449**  
**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	20/017.100.2 2A	RECTIFIER GLEICHRICHTER	MAYR	04 430 04 88 0
+A16	-K10	1	LC1-D40A G7	CONTACTOR SCHÜTZ	TELEMECANIQUE	582 134 0
+A16	-K23-K24	2	LC1-D40A G7	CONTACTOR SCHÜTZ	TELEMECANIQUE	582 134 0
		2	LAD-N11G	AUXILIARY CONTACT BLOCK HILFSSCHALTERBLOCK	TELEMECANIQUE	582 069 0
+A16	-K25	1	LC1-D40008 G7	CONTACTOR SCHÜTZ	TELEMECANIQUE	582 107 0
+A16	-K29	1	LC1-D09 G7	CONTACTOR SCHÜTZ	TELEMECANIQUE	582 041 0
+A16	-K41-K42	1	LC2-K09 G7	CONTACTOR SCHÜTZ	TELEMECANIQUE	579 472 0
+A16	-K45	1	LC1-K09008 G7	CONTACTOR SCHÜTZ	TELEMECANIQUE	579 473 0
+A16	-Q29	1	GV2 RT10	CIRCUIT BREAKER LEISTUNGSSCHALTER	TELEMECANIQUE	579 507 0
		1	GV AN20	AUXILIARY CONTACT BLOCK HILFSSCHALTERBLOCK	TELEMECANIQUE	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 440-460-480V / 115V	TRANSFORMER TRANSFORMATOR	RIEDEL	579 570 0
		1	RSTN 270-UL-CSA 550-575-600V / 115V	TRANSFORMER TRANSFORMATOR	RIEDEL	579 571 0
		1	RSTN 270-UL-CSA 380-400-415V / 115V	TRANSFORMER TRANSFORMATOR	RIEDEL	579 585 0
+A16	-X16	1	WPE35	PE-TERMINAL SCHUTZLEITERKLEMME	WEIDMUELLER	519 519 0
		4	WDU35	TERMINAL KLEMME	WEIDMUELLER	519 514 0
		1	WDU16	TERMINAL KLEMME	WEIDMUELLER	519 513 0
		1	WPE16	PE-TERMINAL SCHUTZLEITERKLEMME	WEIDMUELLER	519 518 0
		4	A2C 2.5 PE	PE-TERMINAL SCHUTZLEITERKLEMME	WEIDMUELLER	519 634 0
		20	A2C 2.5	TERMINAL KLEMME	WEIDMUELLER	519 633 0

\* to note accomplishment! / Ausführung beachten!

Date / Datum	Dept. / Abteilung	Designer / Bearbeiter	Page / Seite
08.08.2018	G-Platform	Schnell	1/2

**Drawing number**      **70012449**  
 Stromlaufplan

**BILL OF MATERIALS**

Lokcat. Ort	Refer. Referenz	Qty. Anzahl	Spezifikation Typ	Discription Benennung	Fabricate Hersteller	Item Code Sach-Nr.
+TR	-B275	1		LOAD SENSOR		
+TR	-M21	1		LASTSENSOR		
+TR	-M41	1		HOIST MOTOR		
+TR	-M41	1		HUBMOTOR		
+TR	-S228	1		TROLLEY MOTOR		
+TR	-S228	1		KATZFAHRMOTOR		
+TR	-S420	1		BLOCK OPERATED UPPER LIMT SWITCH		
+TR	-S420	1		ENDSCHALTER (US)		
+TR	-S420	1		TROLLEY LIMIT SWITCH		
+TR	-S420	1		KATZFAHRENSCHALTER		

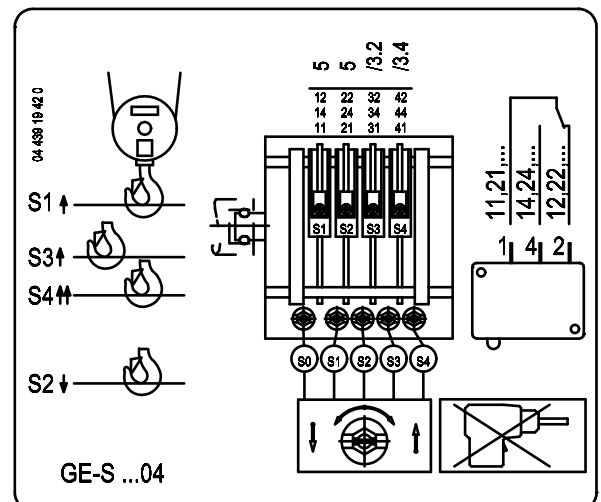
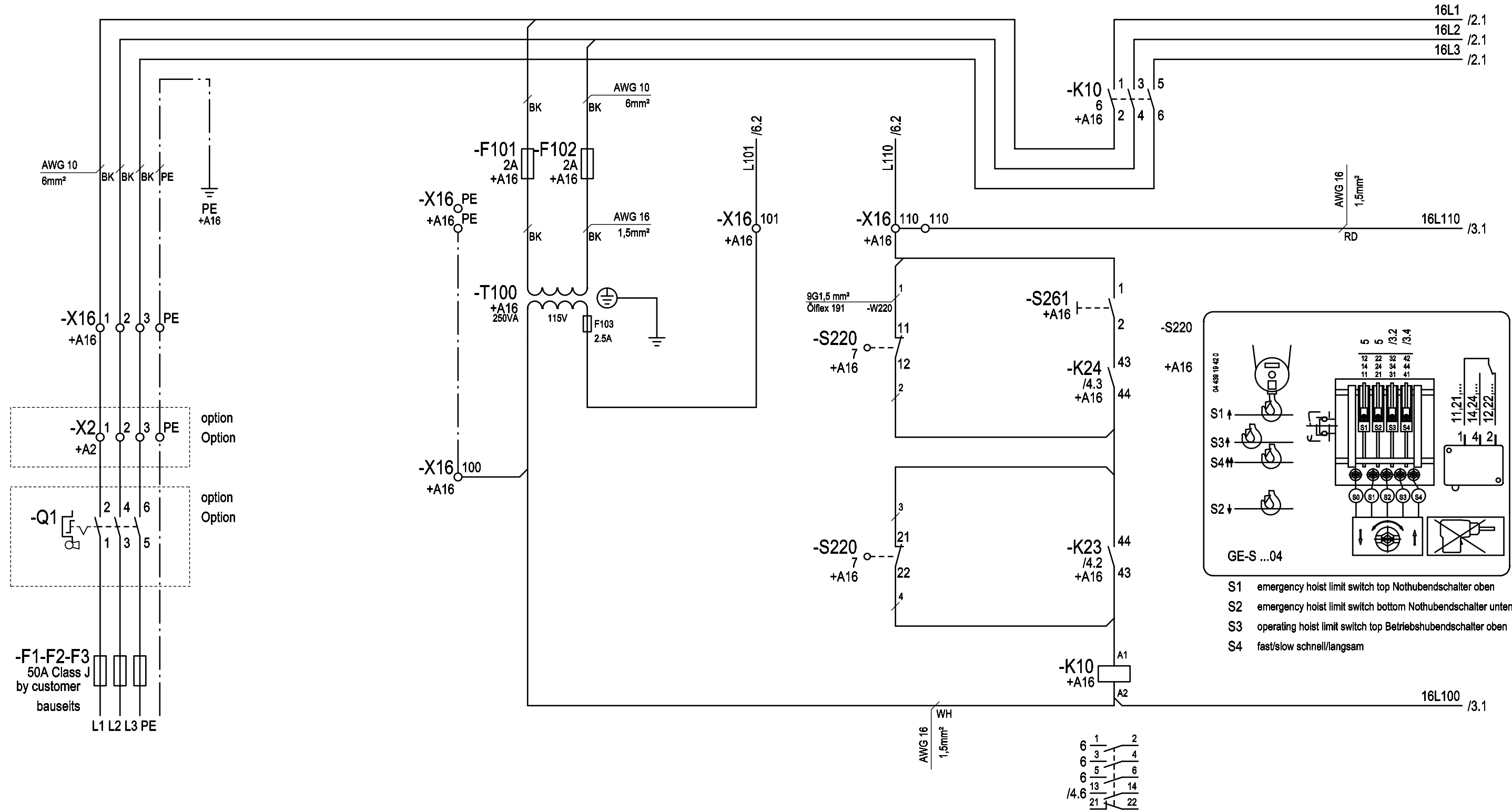
Date / Datum	Dept. / Abteilung	Designer / Bearbeiter	Page / Seite
08.08.2018	G-Platform	Schnell	2/2

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

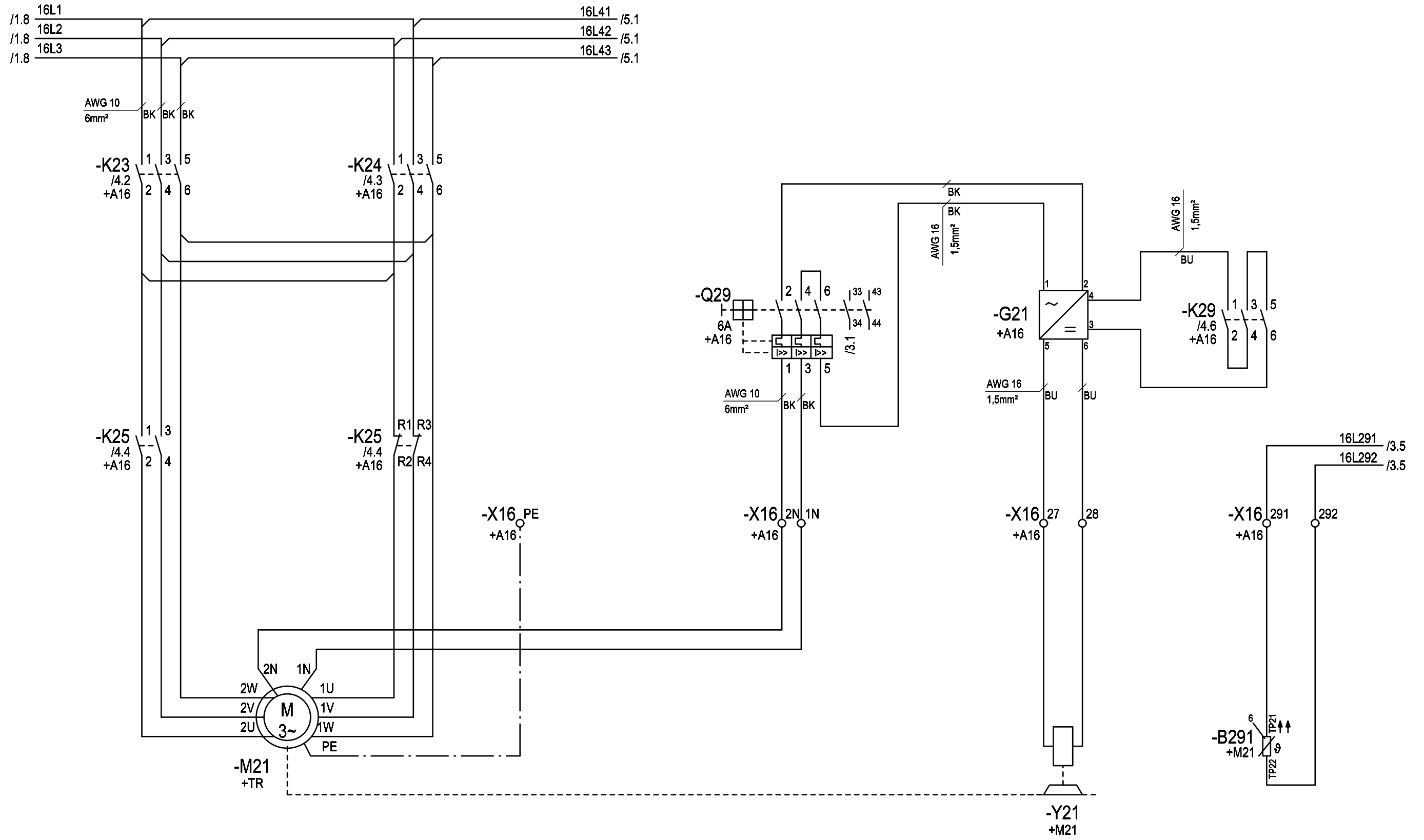
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			08.06.18	Schnell
			08.06.18	Huhnd.
Rev.		Plot	08.08.2018	

Rep. by	Rep. for	Origin
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Order No.	Serial No. XXXXXX

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70012449	Page: 1
	of: 9

hoist motor  
Hubmotor



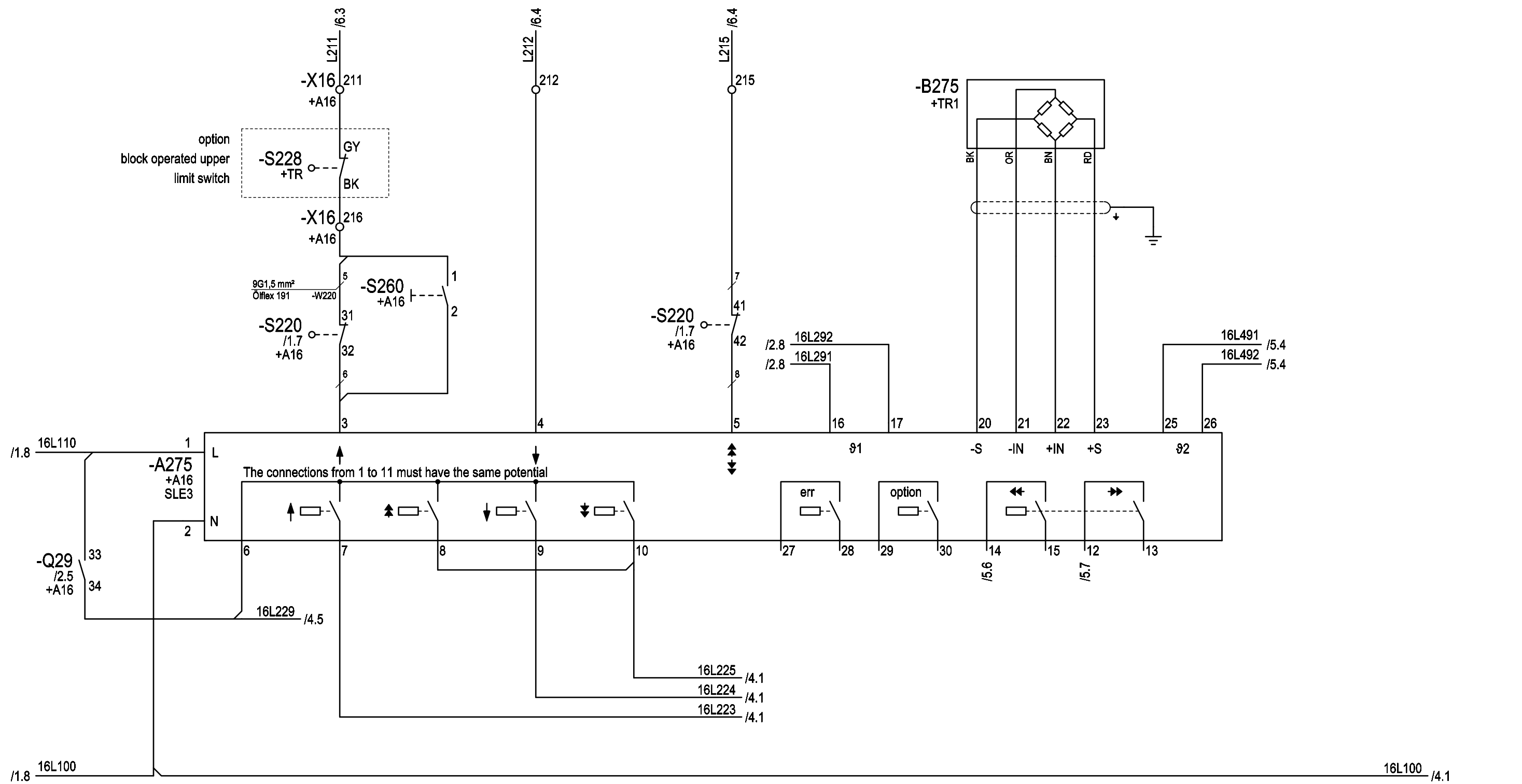
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			Proved	08.06.18	Schnell					
			Release	08.06.18	Huhnd.					
Rev.			Plot	08.08.2018	Rep. by	Rep. for	Origin	Order No.	Serial No. xxxxxx	

hoisting  
heben

lowering  
senken

fast  
schnell

temperature / load monitoring  
Temperatur- / Lastüberwachung



Changes	Date	Name	Date	Name
	08.08.18	Schnell	08.06.18	Huhnd.
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			08.06.18	Huhnd.
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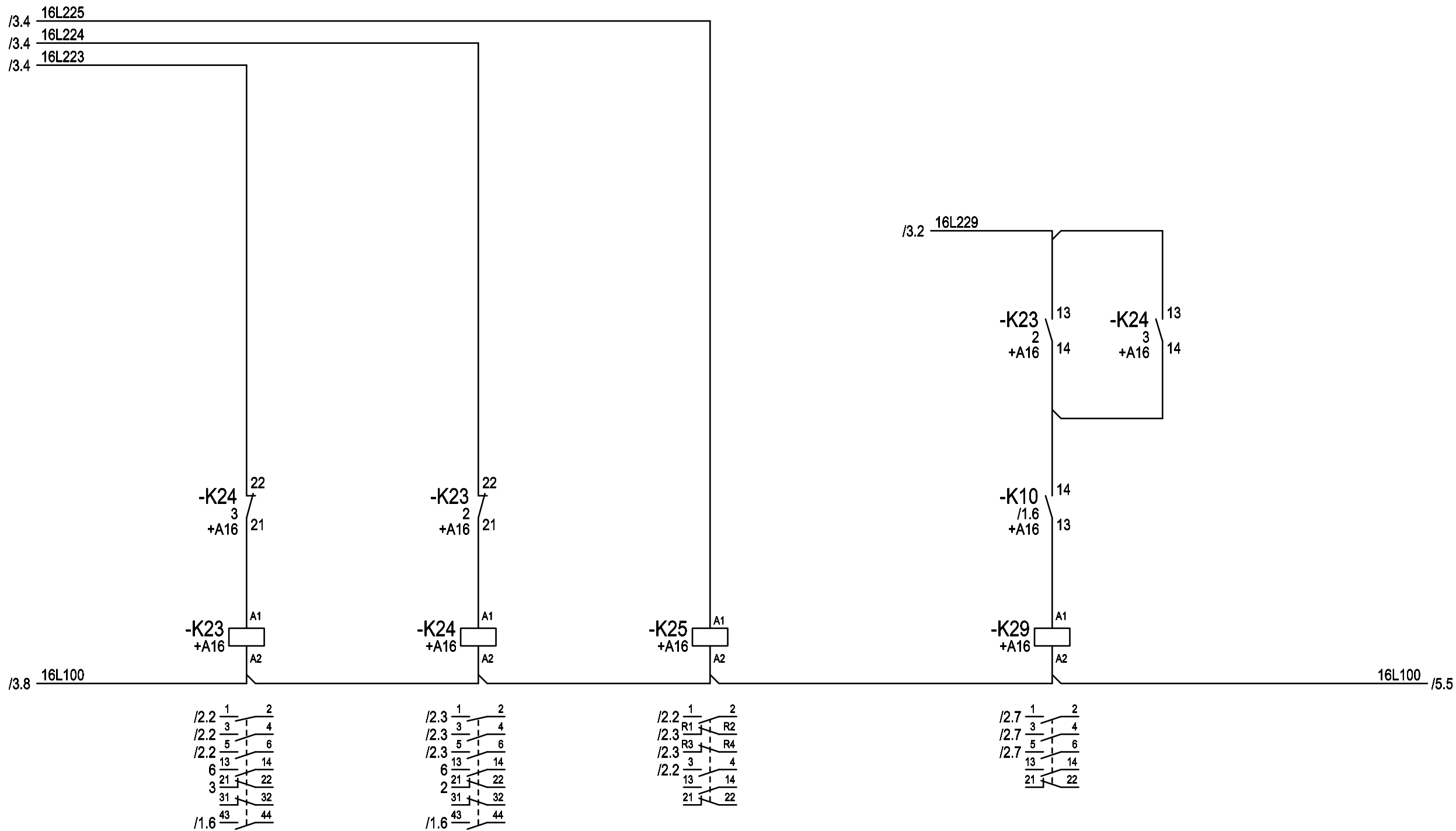
  

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		+
Order No.	Serial No. xxxxxx	70012449
		Page: 3
		of: 9

hoisting  
heben

lowering  
senken

fast  
schnell



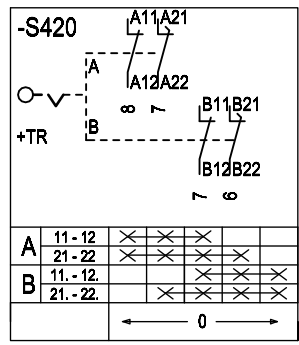
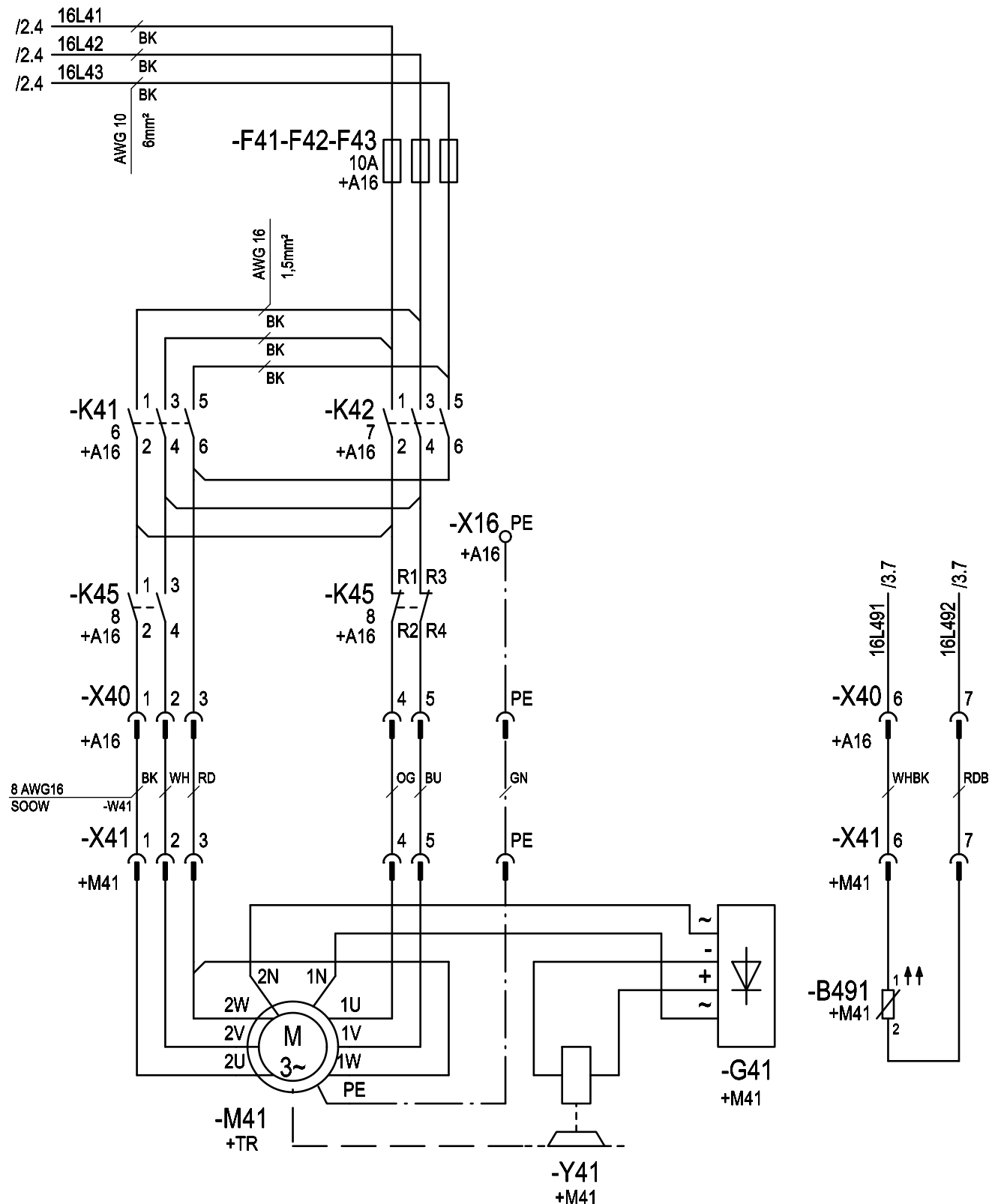
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Order No.	Serial No. xxxxxx

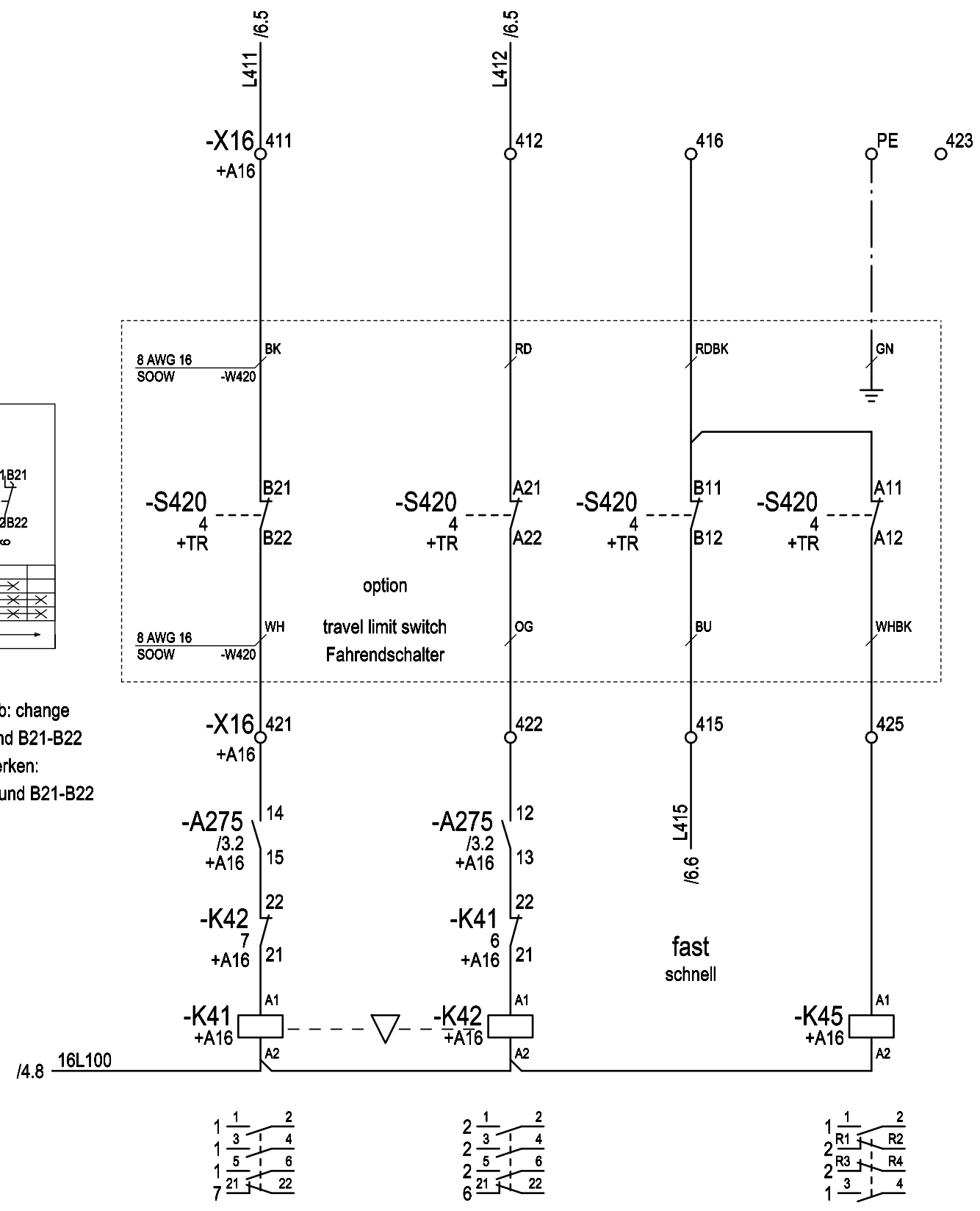
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70012449	Page: 4
	of: 9

cross travel motor  
Katzfahrmotor



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

left links  
right rechts



Changes	Date	Name	Date	Name
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			08.06.18	Schnell
			08.06.18	Huhnd.

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Copyright according to DIN ISO 16016	circuit diagram SH6 H72 type A SLE3 trolley
Order No.	Serial No. xxxxxx

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70012449	Page: 5 of: 9



option

hoisting gear  
Hubwerk

trolley traveling gear  
Katzfahrwerk

emergency stop  
Not-Halt

hoisting  
heben

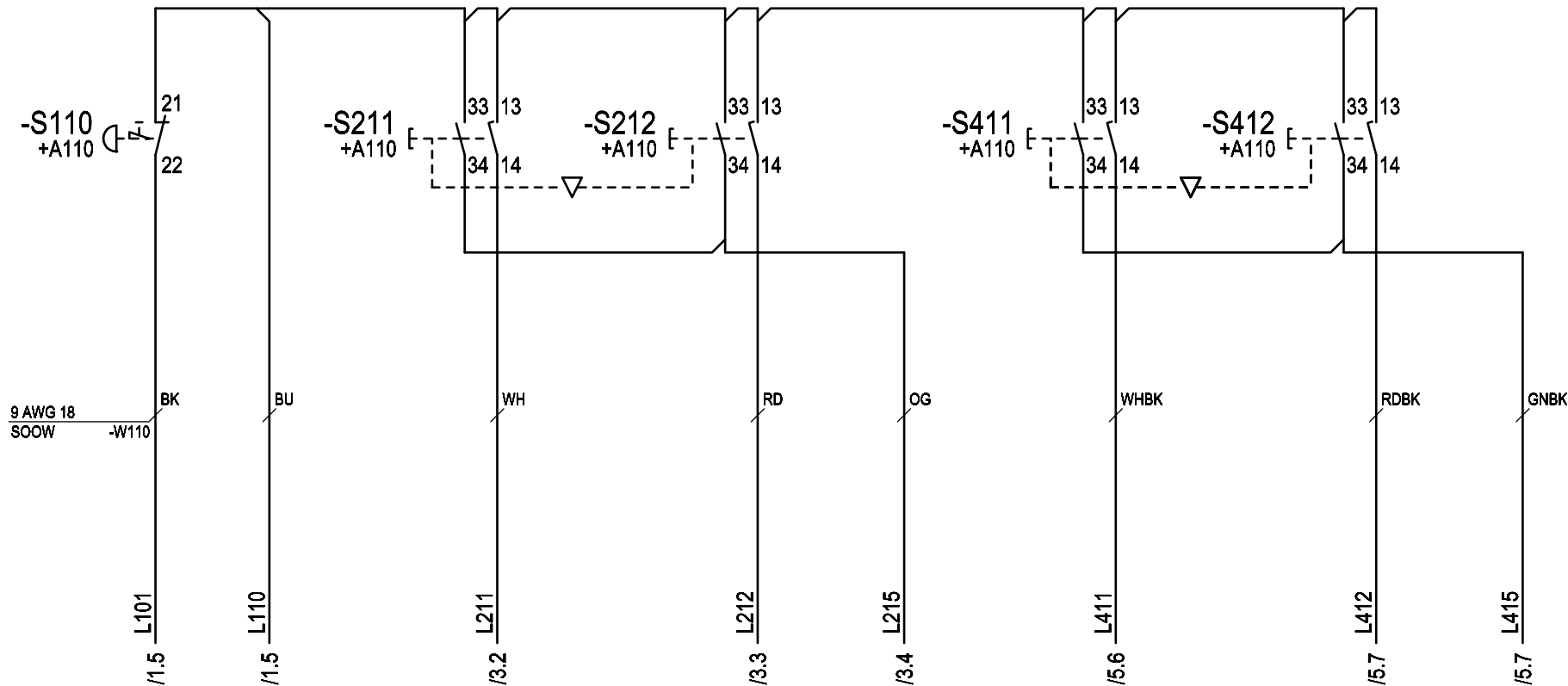
lowering  
senken

fast  
schnell

left  
links

right  
rechts

fast  
schnell



Rev.	Changes	Date	Name	Date	Name
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				08.06.18	Huhnd.
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Copyright according to DIN ISO 16016	circuit diagram SH6 H72 type A SLE3 control pendant
Order No.	Serial No. xxxxxx

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70012449	Page: 6 of: 9

1		2			3			4				5				6				7				8																																												
		AWG 16	1,5mm <sup>2</sup>																																																																	
		AWG 16	1,5mm <sup>2</sup>				BU	BU																																																												
		AWG 10	6mm <sup>2</sup>	PE																																																																
		AWG 10	6mm <sup>2</sup>		BK	BK	BK	BK	BK																																																											
-W220		Öflex 191																																																																		
-W110		SOOW 9 AWG 18																																																																		
Kabelbezeichnung cable designation		Kabel-Typ cable type			PE	2	4	6	1	3																																																										
Zielzeichen target symbol		Anschlussbezeichnung designation of connection			+A16-PE			-K10			-K10			-K10			-Q29			-Q29																																																
		Kennzeichen sign						-G21			-G21			-T100			-T100			-S261			-A275			+TR-S228			-A275			-S220			-S260			-A275			-A275			+A110-S411			-A275			+A110-S412			-A275			+A110-S412			A1			-K45			-X40			PE
-X16		Darstellungsort place discription			/1.2	/1.1	/1.1	/1.1	/2.5	/2.5	/2.4	/1.3	/2.6	/2.7	/1.3	/1.3	/1.5	/1.5	/1.5	/1.5	/3.2	/3.3	/3.4	/3.2	/2.7	/2.8	/5.6	/5.6	/5.7	/5.7	/5.7	/5.7	/5.8	/5.8	/5.8	/5.2	/5.8																															
		Klemmentyp typ			WPE35	WDU35	WDU35	WDU35	WDU35	WDU16	WPE16	A2C 2.5 PE	A2C 2.5	A2C 2.5	A2C 2.5 PE	A2C 2.5	A2C 2.5	A2C 2.5	A2C 2.5	A2C 2.5	A2C 2.5	A2C 2.5	A2C 2.5	A2C 2.5	A2C 2.5	A2C 2.5	A2C 2.5	A2C 2.5	A2C 2.5	A2C 2.5	A2C 2.5	A2C 2.5	A2C 2.5	A2C 2.5	A2C 2.5 PE	A2C 2.5 PE																																
Anschluss-Leiste terminal connector strip		Klemmen-Nr. terminal number			PE	1	2	3	2N	1N	PE	PE	27	28	PE	100	101	110	110	211	212	215	216	291	292	411	421	412	422	415	416	423	425	PE	PE																																	
Zielzeichen target symbol		Laschenverbindung link			○	○	○	○	○	○	○	○	○	○	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○																													
		Anschlussbezeichnung designation of connection			PE	1	2	3	2N	1N	PE							22	21		14	14	34	BK	TP21	TP22	B21	B22	A21	A22	B12	B11		A12		PE	PE																															
Kennzeichen sign		Anschlussbezeichnung designation of connection																																																																		
Kennzeichen sign		Kennzeichen sign																																																																		
Kabelbezeichnung cable designation		Kabel-Typ cable type			+A2-X2	+A2-X2	+A2-X2	+A2-X2	+TR-M21	+TR-M21	+TR-M21		+M21-Y21	+M21-Y21		+A110-S110	+A110-S110		+A110-S211	+A110-S212	+A110-S212	+TR-S228	+M21-B291	+M21-B291	+TR-S420	+TR-S420	+TR-S420	+TR-S420	+TR-S420	+TR-S420	+TR-S420	+TR-S420		+TR-S420																																		
-W110		SOOW 9 AWG 18																																																																		
-W420		SOOW 8 AWG 16																																																																		

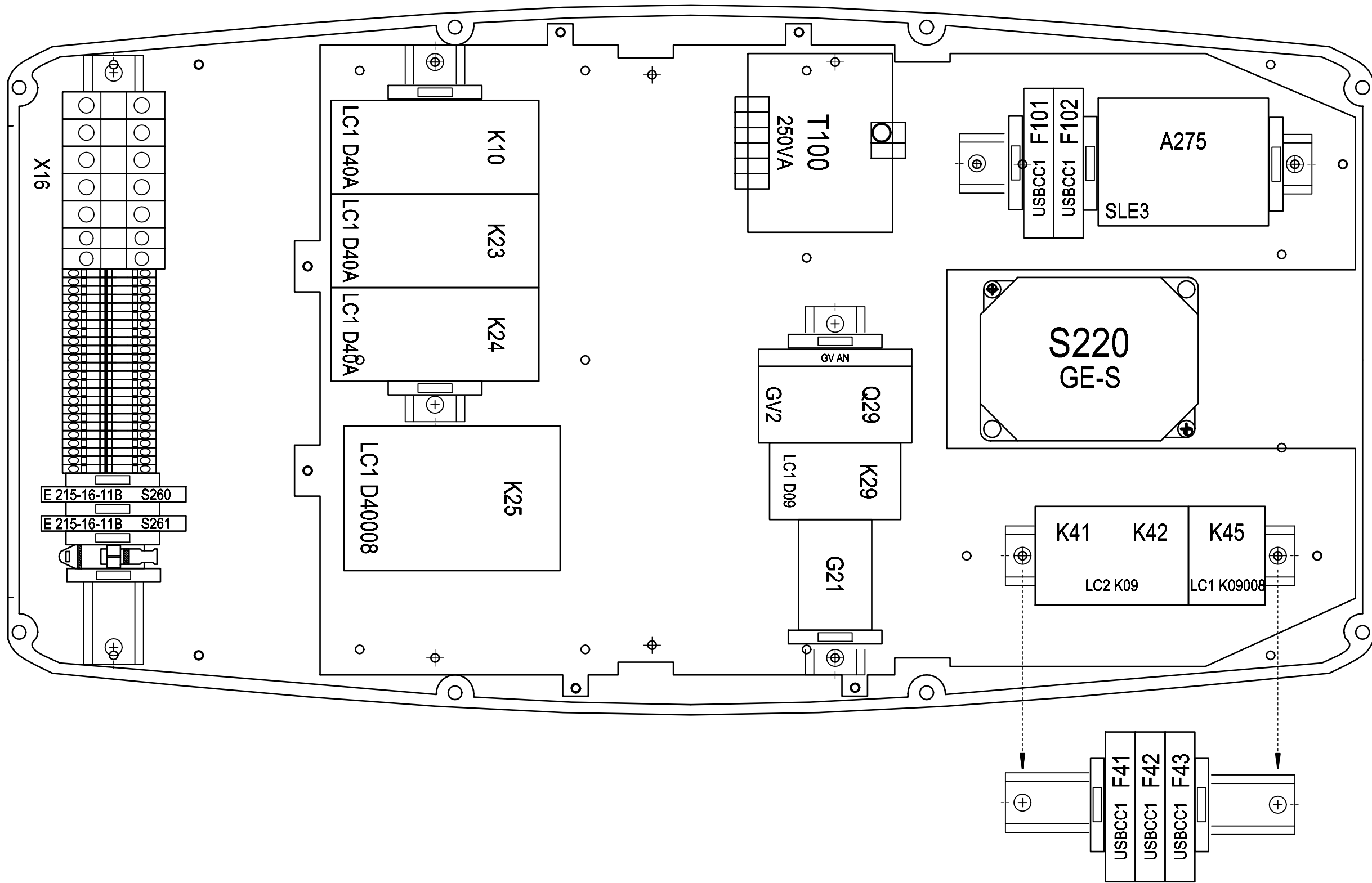
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Copyright according to	terminal diagram
DIN ISO 16016	=
	+A16
Order. no.	70012449
Serial no. XXXXXX	

Page: 7
of: 9

# GK SH6



Changes	Date	Name		Date	Name
	08.08.18	Schnell	Editor	08.06.18	Huhnd.
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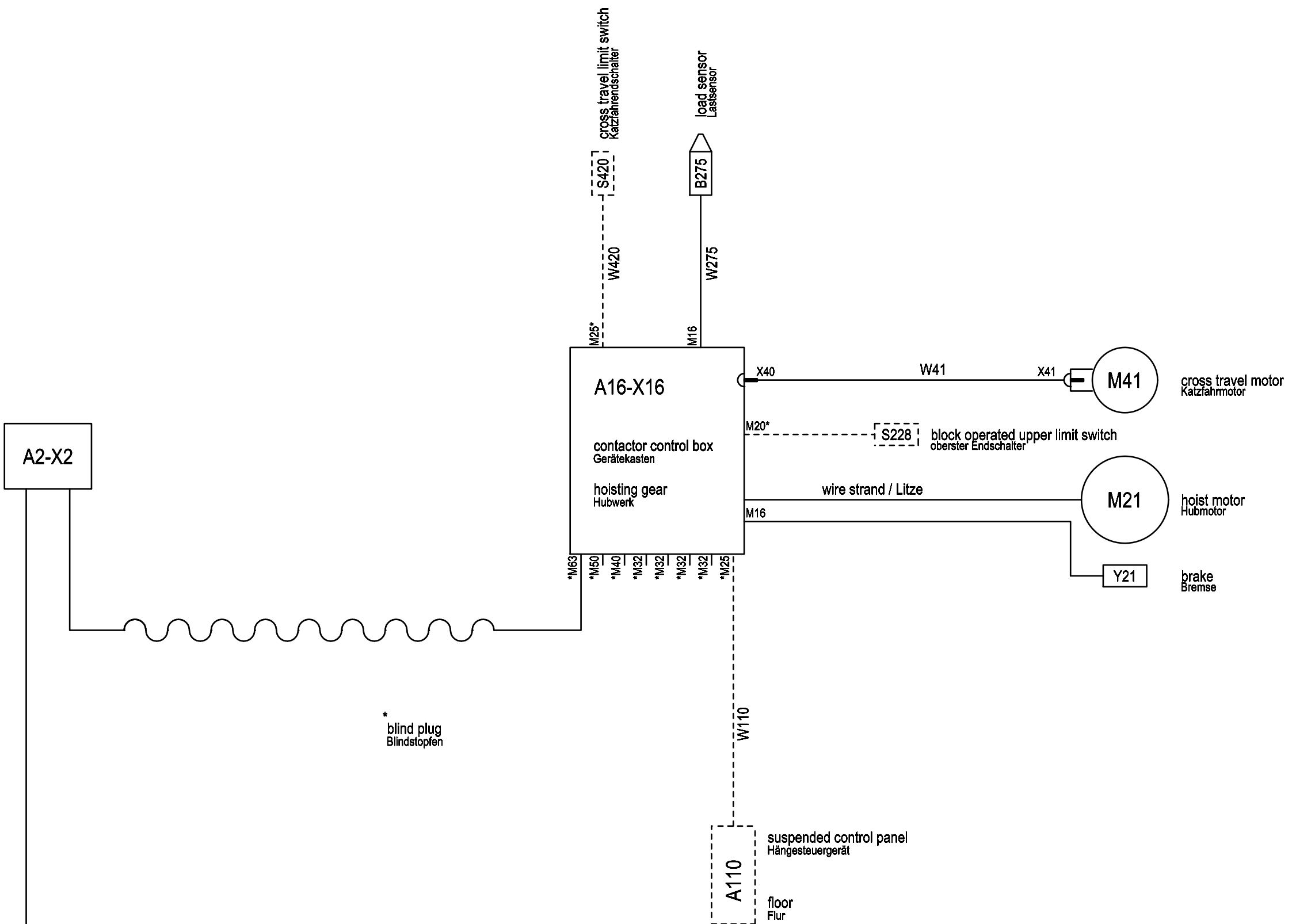
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location diagram  
SH6 H72 type A SLE3  
+A16

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70012449

Order No.

Serial No. xxxxxx



\* blind plug  
Blindstopfen

A110  
suspended control panel  
Hängesteuergerät  
floor  
Flur

M41  
cross travel motor  
Katzielmotor

M21  
hoist motor  
Hubmotor

Y21  
brake  
Bremsen

Changes		Date	Name	Date	Name	Copyright according to DIN ISO 16016	cable diagram SH6 H72 type A SLE3	=	70012449	Page: 9
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Rev.			Plot	08.08.2018	Rep. by	Rep. for	Origin	Order No.	Serial No. xxxxxx	of: 9