

Drawing number 70013733

Stromlaufplan

Control / Steuerung	SH6 (2x trolley motor)	
Hoist Motor / Hubmotor	12/2H72	
Type / Ausführung	B (control for crane customer)	
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
Fuses / Sicherungen by customer / bauseits	main fuse	50A Class J
	control fuse	2.5A

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

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Drawing number 70013733
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	-G21	1	20/017.100.2 2A	RECTIFIER GLEICHRICHTER	MAYR	04 430 04 88 0
+A16	-K20	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	-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
		22	A2C 2.5	TERMINAL KLEMME	WEIDMUELLER	519 633 0
+TR	-B275	1		LOAD SENSOR LASTSENSOR		
+TR	-M21	1		HOIST MOTOR HUBMOTOR		
+TR	-M41/M42	1		TROLLEY MOTOR KATZFAHRMOTOR		
+TR	-S228	1		BLOCK OPERATED UPPER LIMT SWITCH ENDSCHALTER (US)		
+TR	-S420	1		TROLLEY LIMIT SWITCH KATZFAHRENDSCHALTER		

* to note accomplishment! / Ausführung beachten!

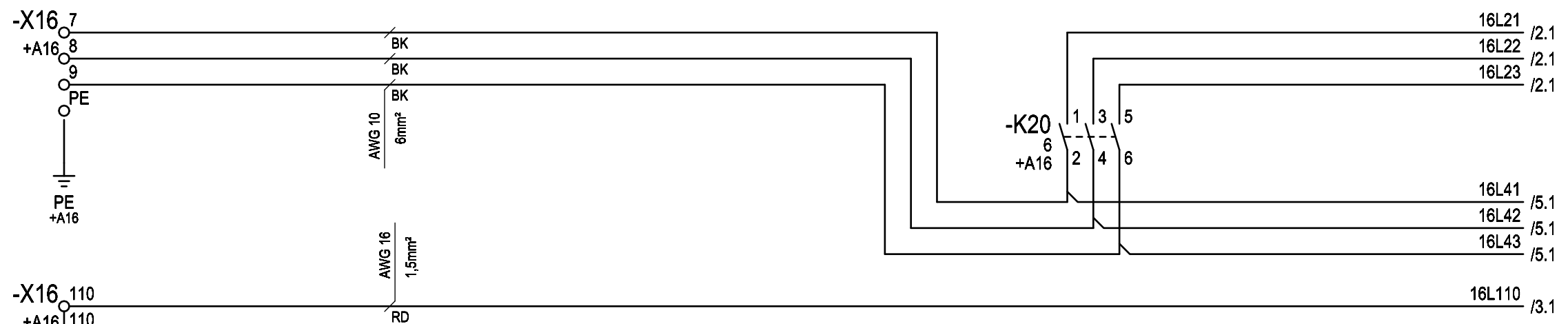
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power supply
Stromzuführung

emergency hoist limit switch
Nothubendschalter

main fuse
Anschlussicherung
50A Class J

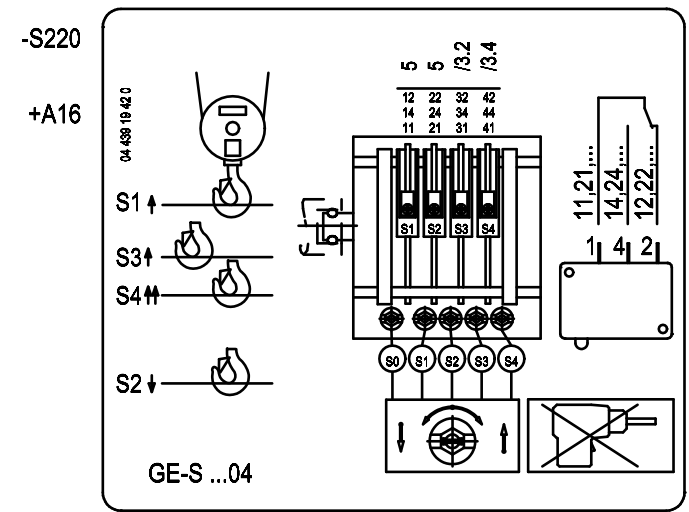
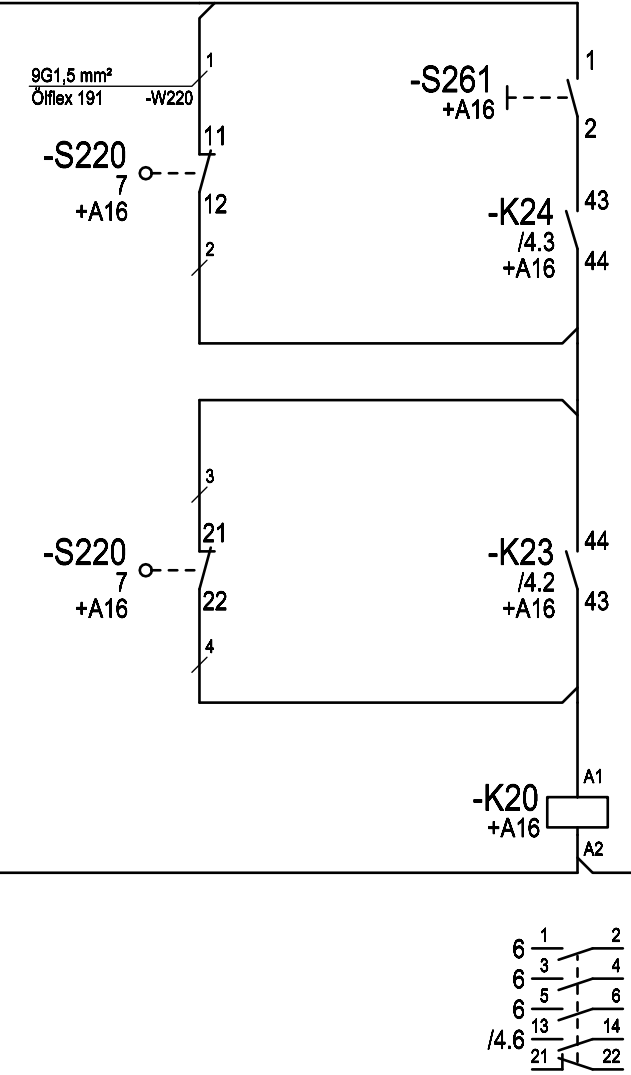
control fuse
Steuersicherung
2.5A



-X16_101
+A16

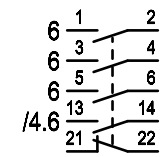
X16 PE
+A16 PE

-X16_100
+A16_100



- 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



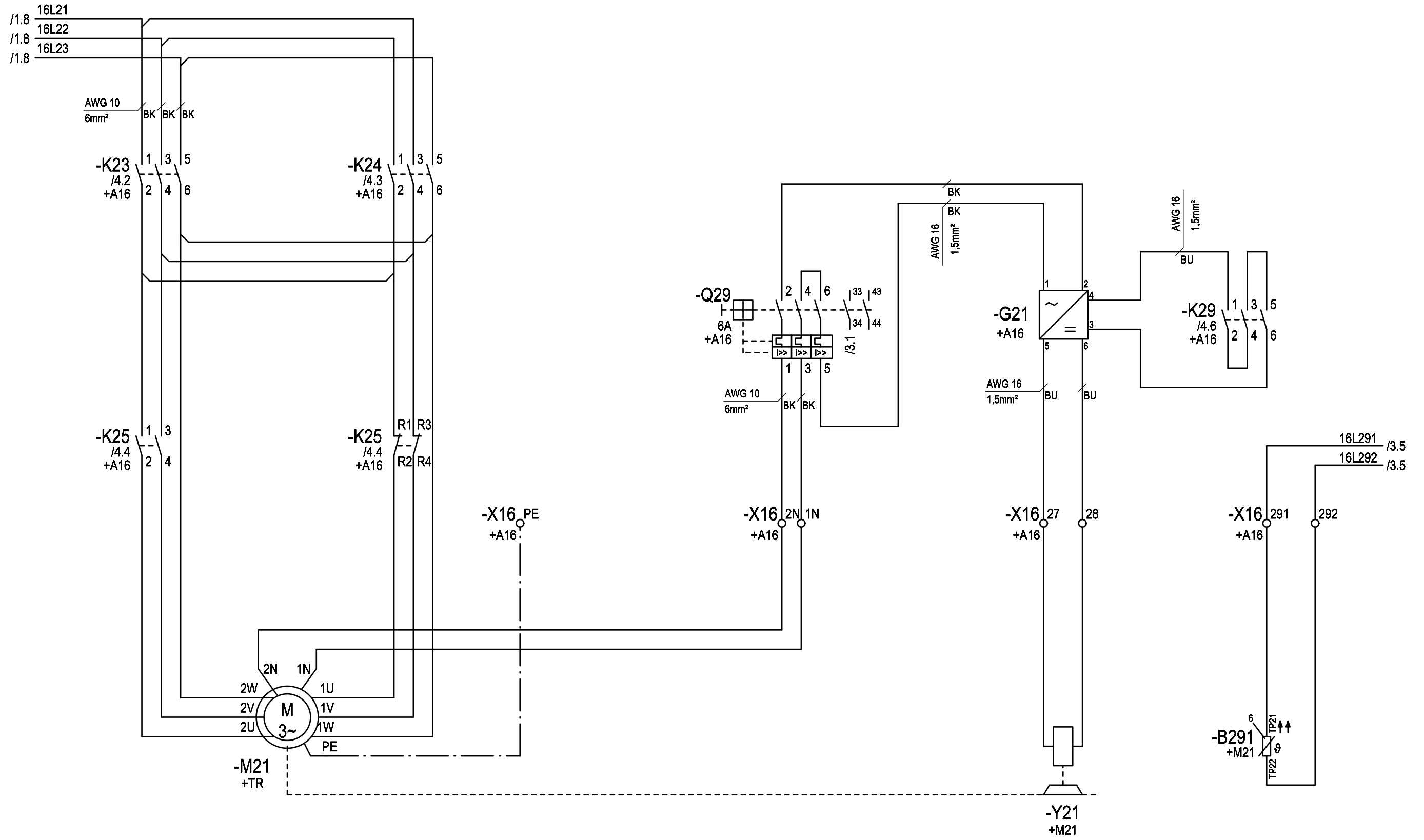
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			26.06.18	Huhnd.
Rev.		Plot	08.08.2018	Rep. by

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hoist motor
Hubmotor



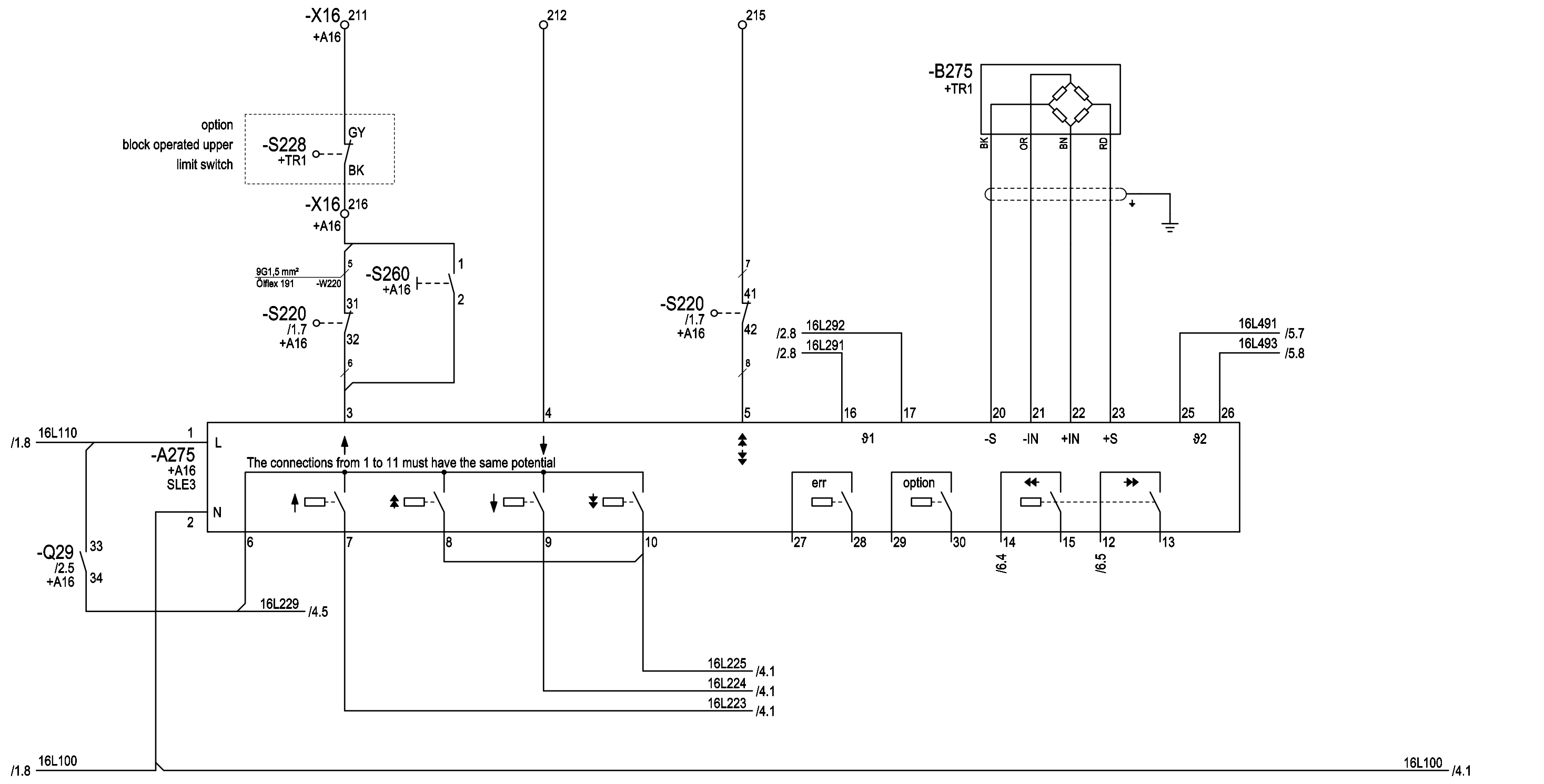
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			Proved	26.06.18	Schnell										
			Release	26.06.18	Huhnd.										
Rev.			Plot	08.08.2018	Rep. by	Rep. for	Origin	Order No.	Serial No. xxxxxx						

hoisting
heben

lowering
senken

fast
schnell

temperature / load monitoring
Temperatur- / Lastüberwachung

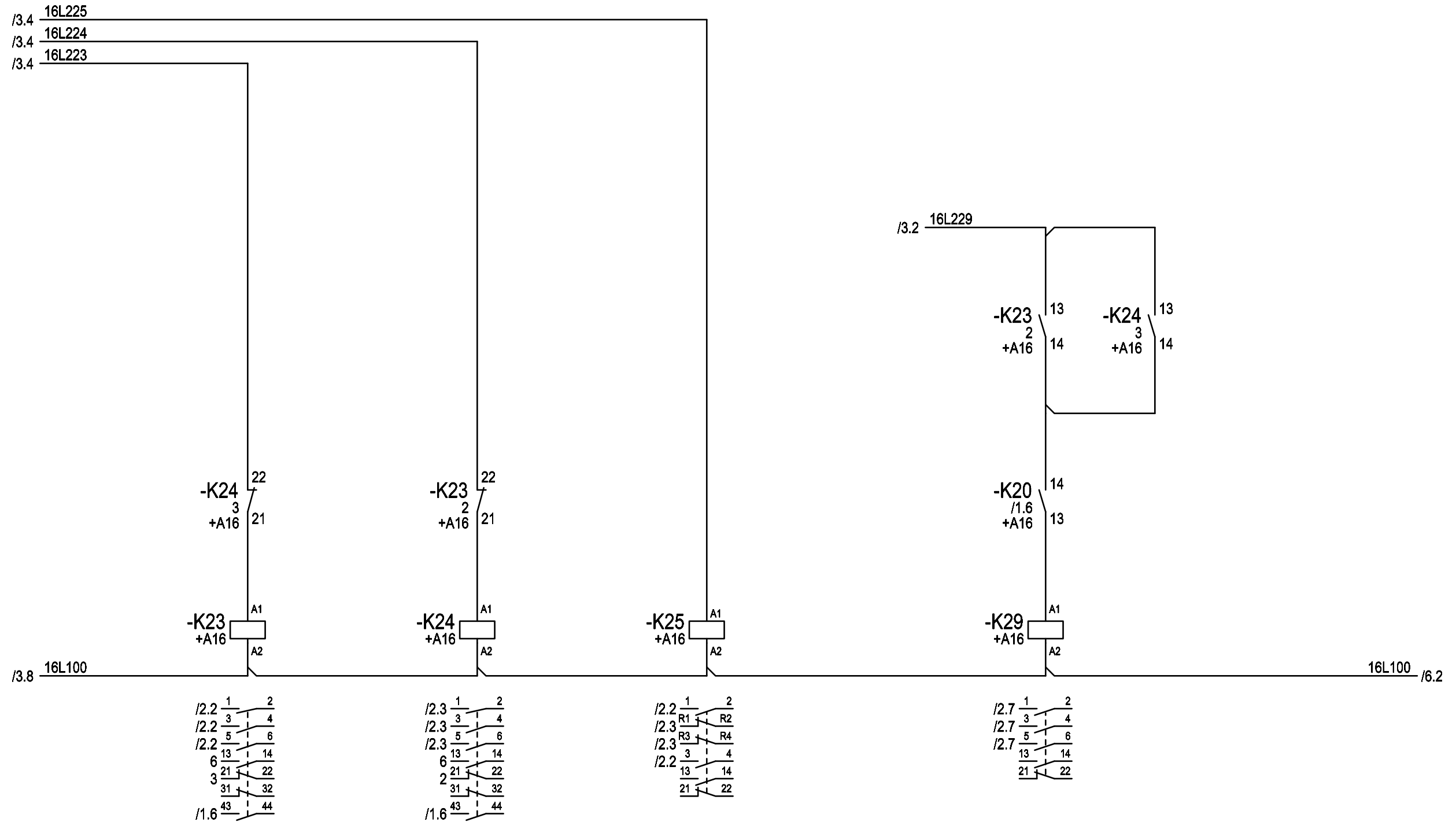


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			26.06.18	Schnell					
			26.06.18	Huhnd.					
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hoisting
heben

lowering
senken

fast
schnell



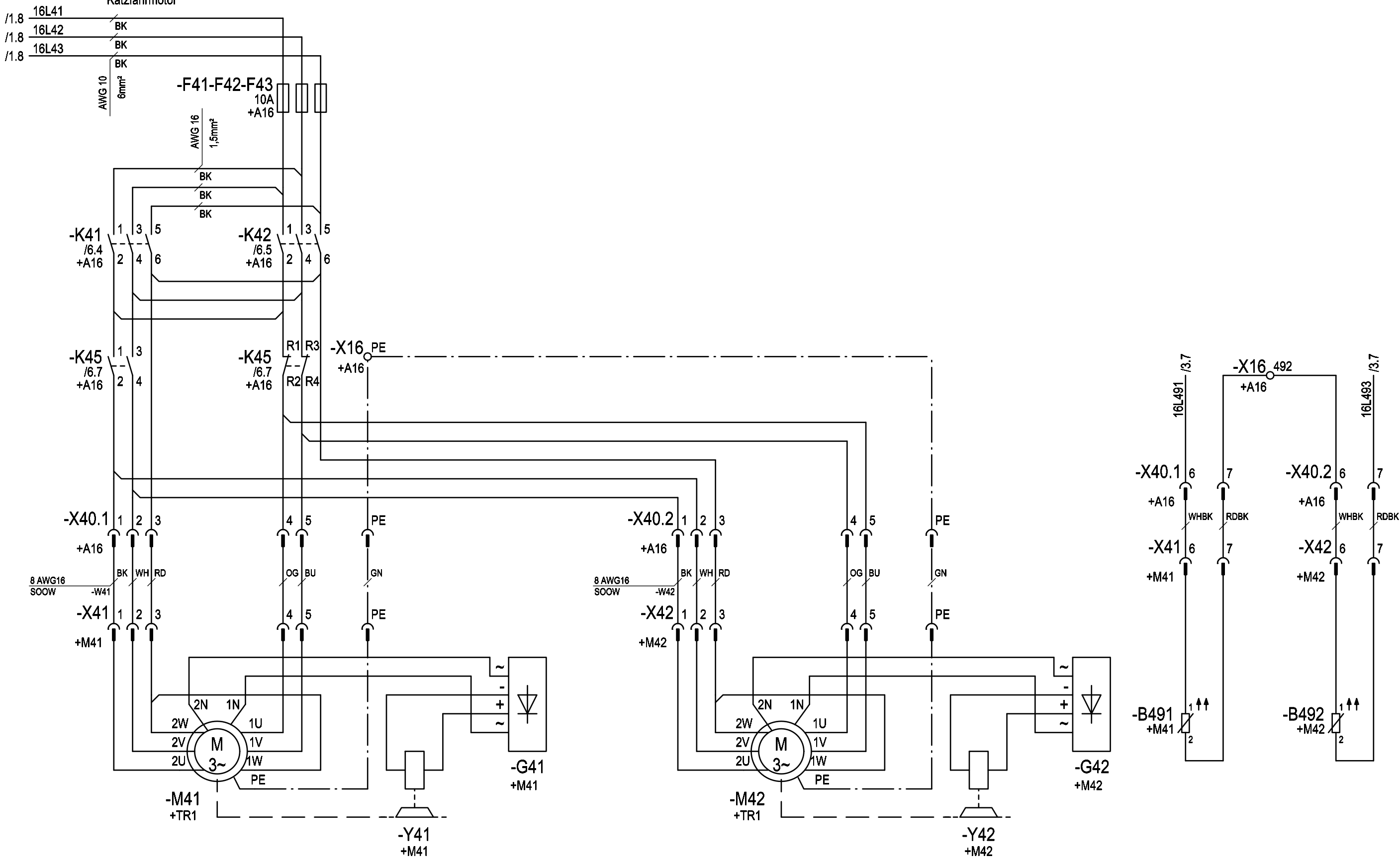
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cross travel motor
Katzfahrmotor



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			26.06.18	Huhnd.

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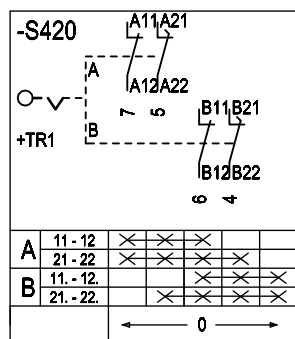
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DIN ISO
16016

circuit diagram
SH6 H72 type B SLE3
trolley

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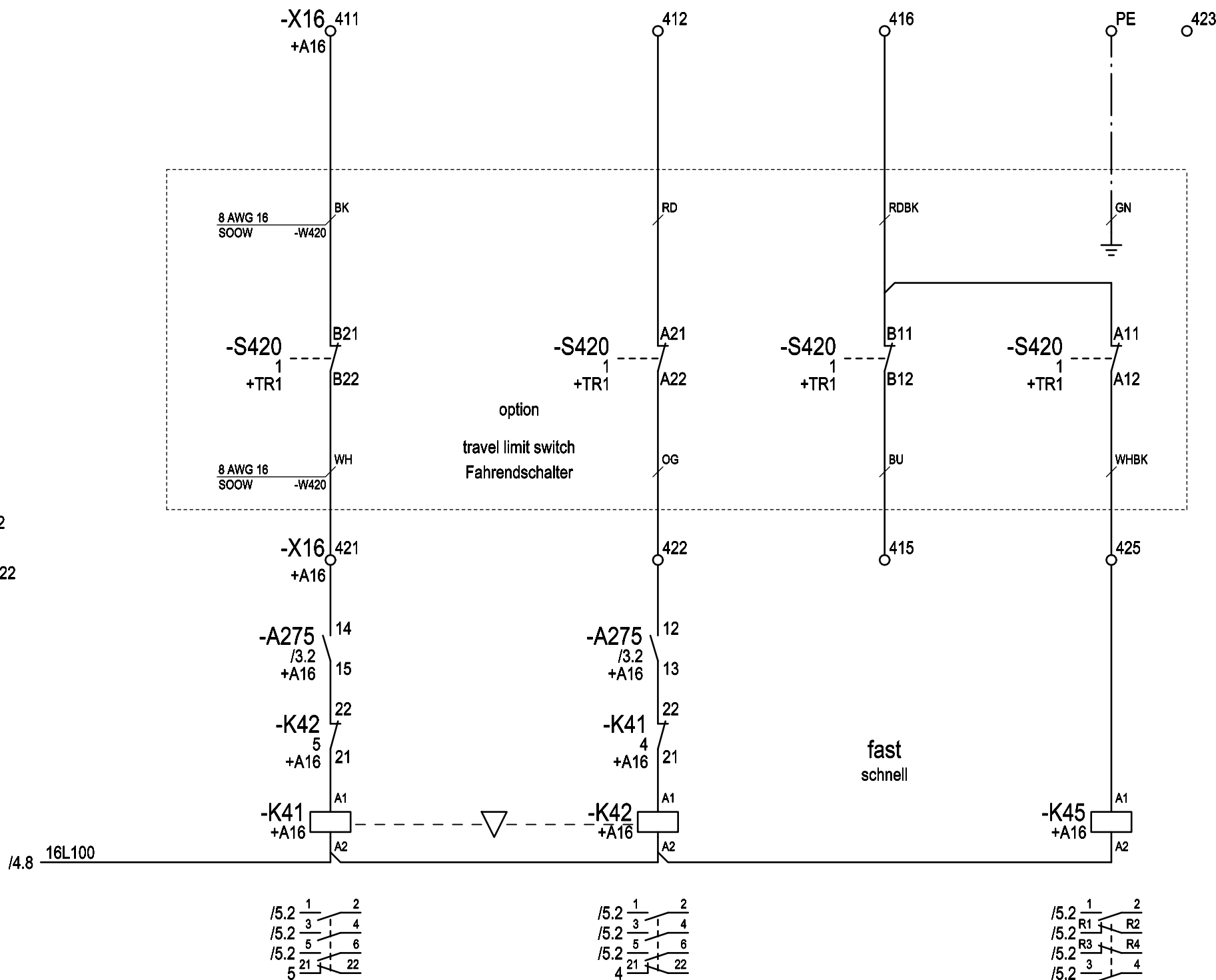
left
links

right
rechts



Attention!

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



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		08.08.18	Schnell	26.06.18	Huhnd.
				26.06.18	Schnell
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circuit diagram
 SH6 H72 type B SLE3
 trolley

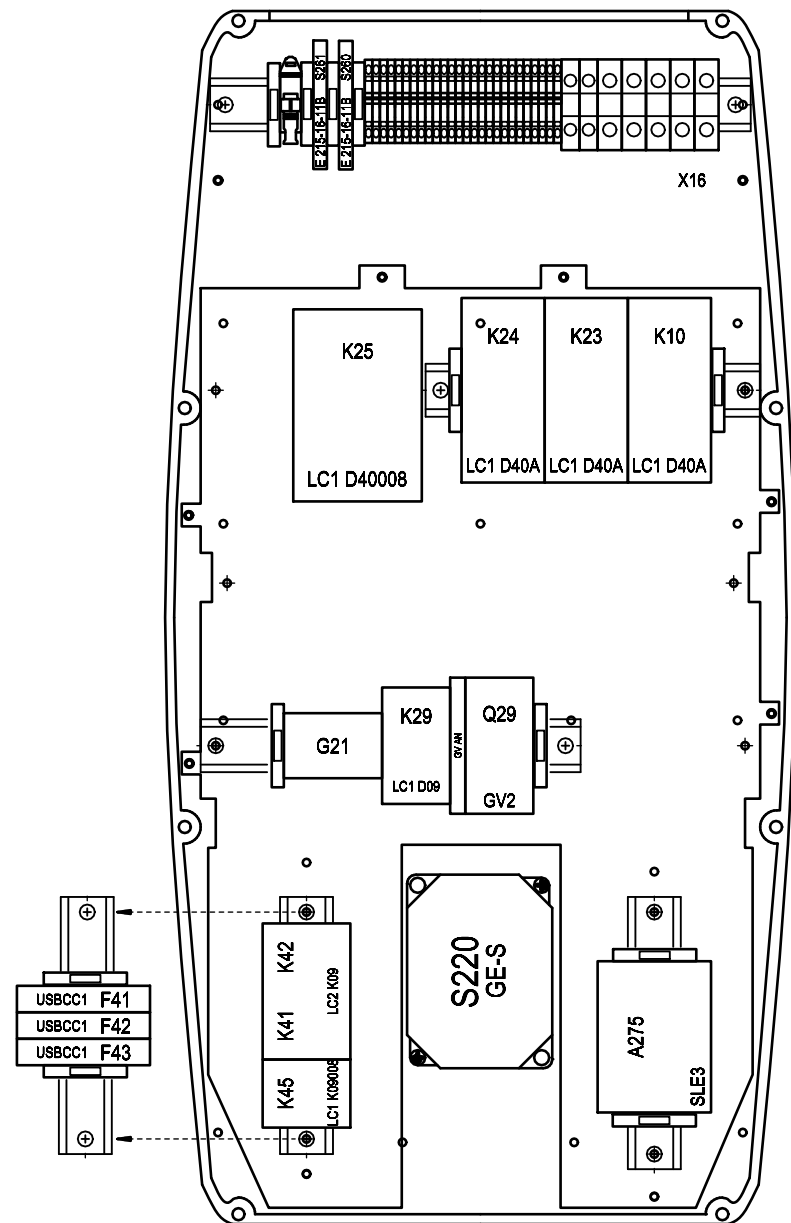
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1		2				3				4				5				6				7				8										
	AWG 16	1,5mm ²							WH																											
	AWG 16	1,5mm ²											RD																							
	AWG 16	1,5mm ²																																		
	AWG 10	6mm ²		BK	BK	BK	BK	BK																												
-W220	Öflex 191																																			
Kabelbezeichnung cable designation	Kabel-Typ cable type		2	4	6	1	3			5	6		A2																							
Zielzeichen target symbol	Anschlussbezeichnung designation of connection																																			
	Kennzeichen sign		-K20	-K20	-K20	-Q29	-Q29			-G21	-G21		-K20																							
Anschluss-Leiste terminal connector strip	Darstellungsort place discription	/1.2	/1.2	/1.2	/1.2	/2.5	/2.5	/2.4	/1.2	/2.6	/2.7	/1.2	/1.2	/1.2	/1.2	/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	/5.8	/5.3	/6.7				
	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 PE	A2C 2.5 PE						
	Klemmen-Nr. terminal number	PE	7	8	9	2N	1N	PE	PE	27	28	PE	100	100	101	110	110	211	212	215	216	291	292	411	421	412	422	415	416	423	425	492	PE	PE		
	Laschenverbindung link	○	○	○	○	○	○	○	○	○	○	○	●	●	○	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
Zielzeichen target symbol	Anschlussbezeichnung designation of connection	PE				2N	1N	PE								GY					BK	TP21	TP22	B21	B22	A21	A22	B12	B11		A12	6	PE	PE		
	Kennzeichen sign																																			
Kabelbezeichnung cable designation	Kabel-Typ cable type	+A16-PE				+TR-M21	+TR-M21	+TR-M21		+M21-Y21	+M21-Y21				+TR1-S228						+TR1-S228	+M21-B291	+M21-B291	+TR1-S420	+TR1-S420	+TR1-S420	+TR1-S420	+TR1-S420	+TR1-S420	+TR1-S420	+X40.2	+X40.2	+TR1-S420			
-W420	SOOW	8 AWG 16																				BK	WH	RD	OG	BU	RDBK	WHBK							GN	

von übrigen Blättern
insgesamt 33
Anschl. siehe Blatt

Änderung	Datum	Name	Datum	Name	Copyright according to DIN ISO 16016		terminal diagram	=	+A16	70013733	Blatt: 7 von: 9	
	08.08.18	Schnell	Bearb.	26.06.18								Huhnd.
			Gepr.	26.06.18								Schnell
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GK SH6



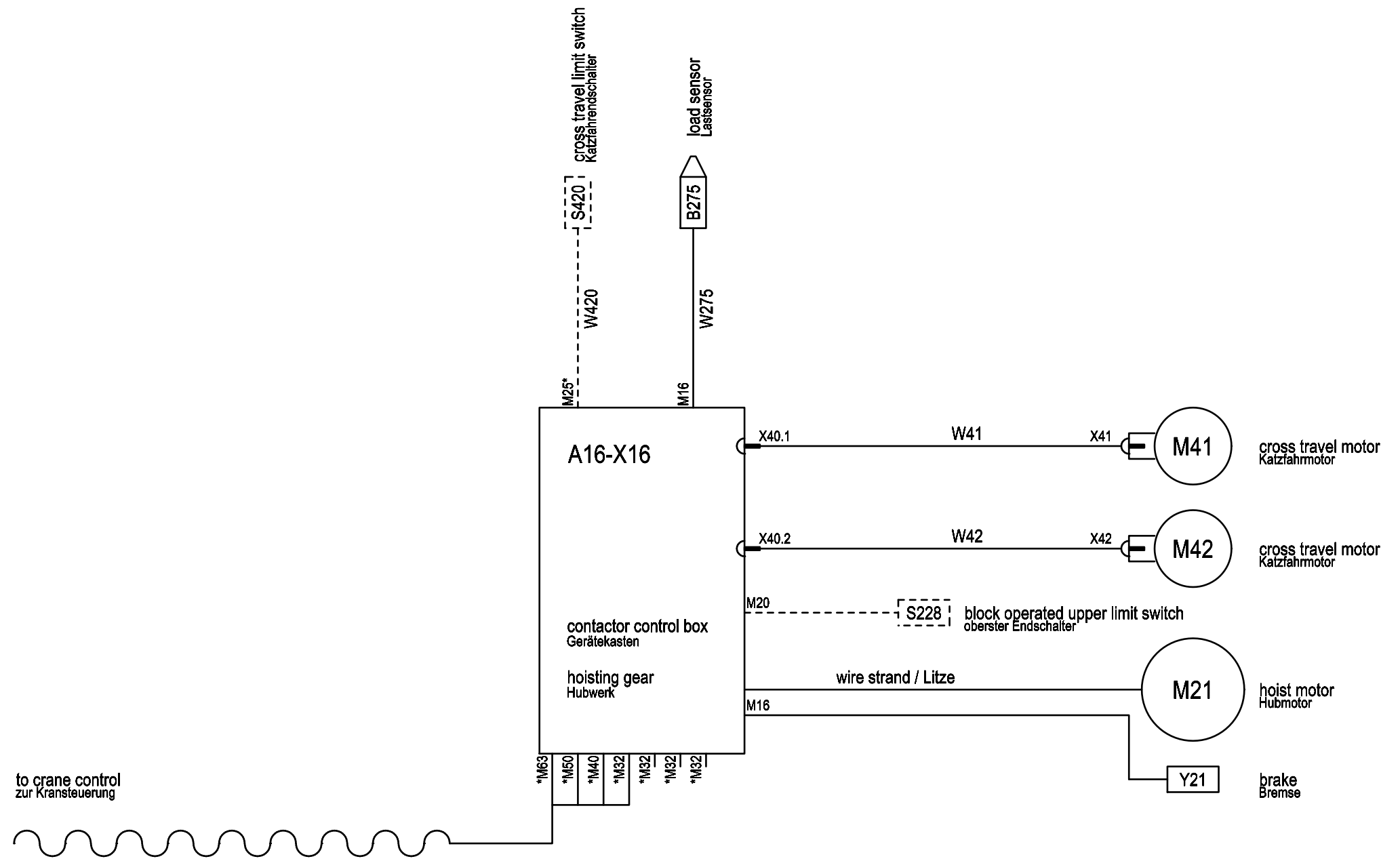
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location diagram
SH6 H72 type B SLE3
+A16

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* blind plug
Blindstopfen

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		08.08.18	Schnell	26.06.18	Huhnd.					
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