

Drawing number**04 438 31 13 0**

Stromlaufplan

Control / Steuerung	SH4	
Hoist Motor / Hubmotor	12/2H42	
Type / Ausführung	B (control for crane customer)	
Overload Device / Lastwächter	SLE3	
Voltage / Spannung	440-480V, 575-600V / 110/120V 60Hz	
Fuses / Sicherungen	F41-43	6A Class CC
Fuses / Sicherungen	main fuse	15A Class CC
by customer / bauseits	control fuse	0.63A

Document Dokument	Sheet Blatt
BILL OF MATERIALS GERÄTELISTE	1 (1)
POWER SUPPLY STROMVERSORGUNG	1 (8)
HOIST HUBWERK	2 (8)
TROLLEY FAHRWERK	4 (8)
TERMINAL DIAGRAM X16 KLEMMENPLAN X16	5 (8)
LOCATION DIAGRAM A16 AUFBAUPLAN A16	7 (8)
CABEL DIAGRAM KABELPLAN	8 (8)

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Drawing number

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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	ATDR6 10x38 6A	FUSE LINK SCHMELZEINSATZ	FERRAZ	510 083 0
+A16	-G21	1	1/024.000.6 3A	RECTIFIER GLEICHRICHTER	MAYR	04 430 00 88 0
+A16	-K20	1	LC1-D12 G7	CONTACTOR SCHÜTZ	SCHNEIDER	582 022 0
		1	LAD-N11G	AUXILIARY CONTACT BLOCK HILFSSCHALTERBLOCK	SCHNEIDER	582 069 0
+A16	-K23-K24	2	LC1-D12 G7	CONTACTOR SCHÜTZ	SCHNEIDER	582 022 0
		2	LAD-N22G	AUXILIARY CONTACT BLOCK HILFSSCHALTERBLOCK	SCHNEIDER	582 072 0
+A16	-K25	1	LC1-D128 G7	CONTACTOR SCHÜTZ	SCHNEIDER	582 045 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	-S220*	1	GE-S125.04	GEAR-TYPE LIMIT SWITCH	STROMAG	580 005 0
		1	GE-S205.04	GETRIEBEENDSCHALTER		580 009 0
+A16	-S260/-S261	2	E 215-16-11B	PUSH BUTTON DRUCKTASTER	ABB	578 553 0
+A16	-X16	2	WPE10	PE-TERMINAL SCHUTZLEITERKLEMME	WEIDMUELLER	519 517 0
		3	WDU10	TERMINAL KLEMME	WEIDMUELLER	519 512 0
		3	A2C 2.5 PE	PE-TERMINAL SCHUTZLEITERKLEMME	WEIDMUELLER	519 634 0
		19	A2C 2.5	TERMINAL KLEMME	WEIDMUELLER	519 633 0
+A16	-X16.1	2	A2C 2.5 PE	PE-TERMINAL SCHUTZLEITERKLEMME	WEIDMUELLER	519 634 0
		7	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		

* to note accomplishment / Ausführung beachten!

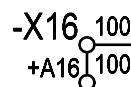
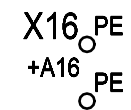
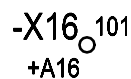
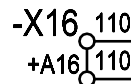
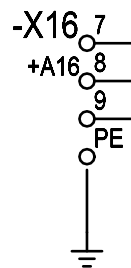
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power supply
Stromzuführung

emergency hoist limit switch
Nothubendschalter

main fuse
Anschlussicherung
15A Class CC

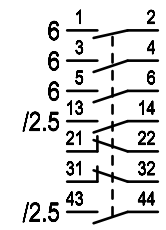
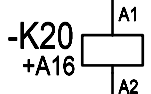
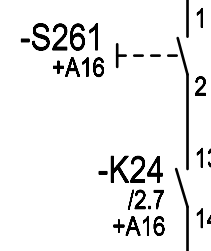
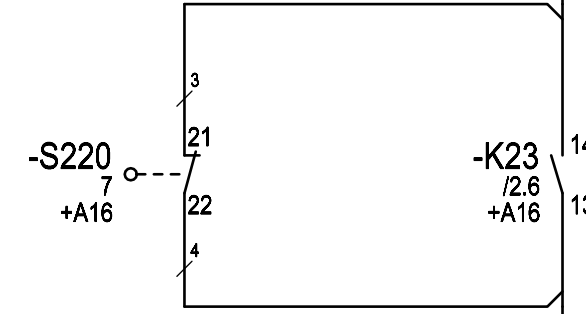
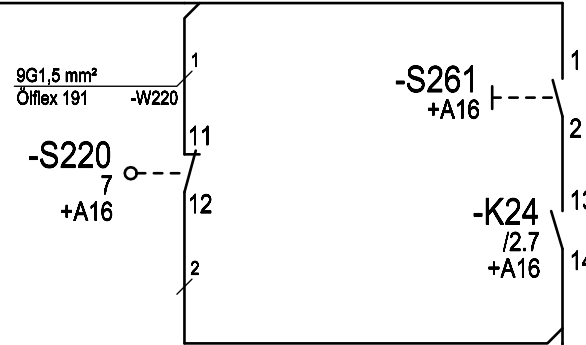
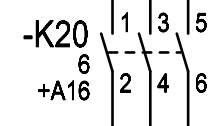
control fuse
Steuersicherung
0.63A



AWG 16
1,5mm²
BK

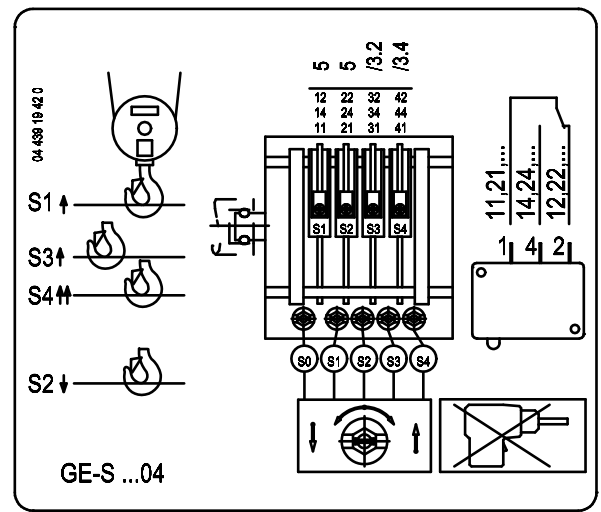
AWG 16
1,5mm²
RD

AWG 16
1,5mm²
WH



16L21 /2.1
16L22 /2.1
16L23 /2.1
16L41 /4.1
16L42 /4.1
16L43 /4.1
16L110 /3.1

16L100 /2.6



- 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

Changes	Date	Name	Date	Name
	07.08.18	Schnell	23.10.17	Huhnd.
			24.10.17	Schnell
			24.10.17	Huhnd.
Rev.		Plot	06.08.2018	Rep. by

Rep. for	Origin
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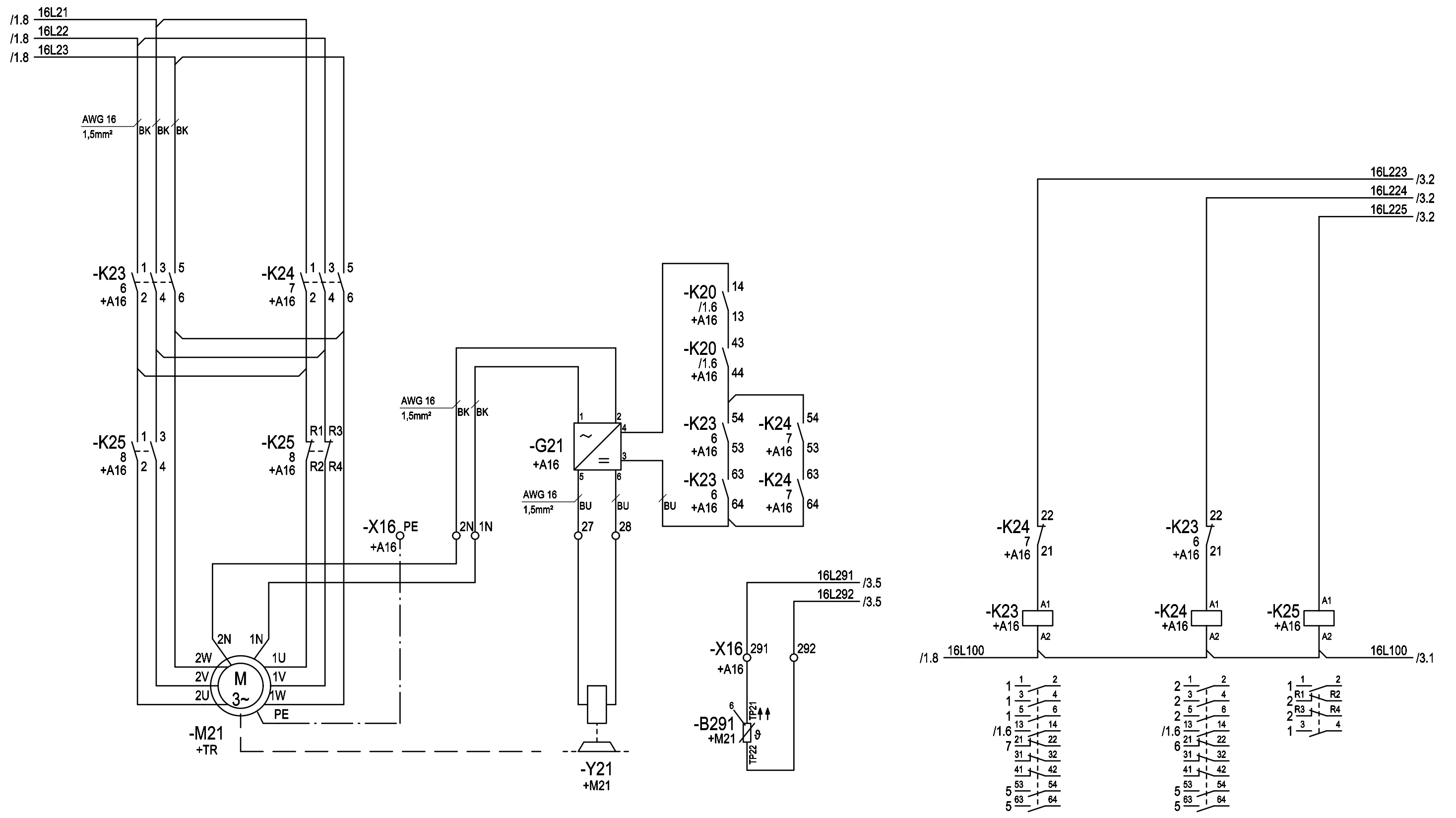
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hoist motor
Hubmotor

hoisting
heben

lowering
senken

fast
schnell

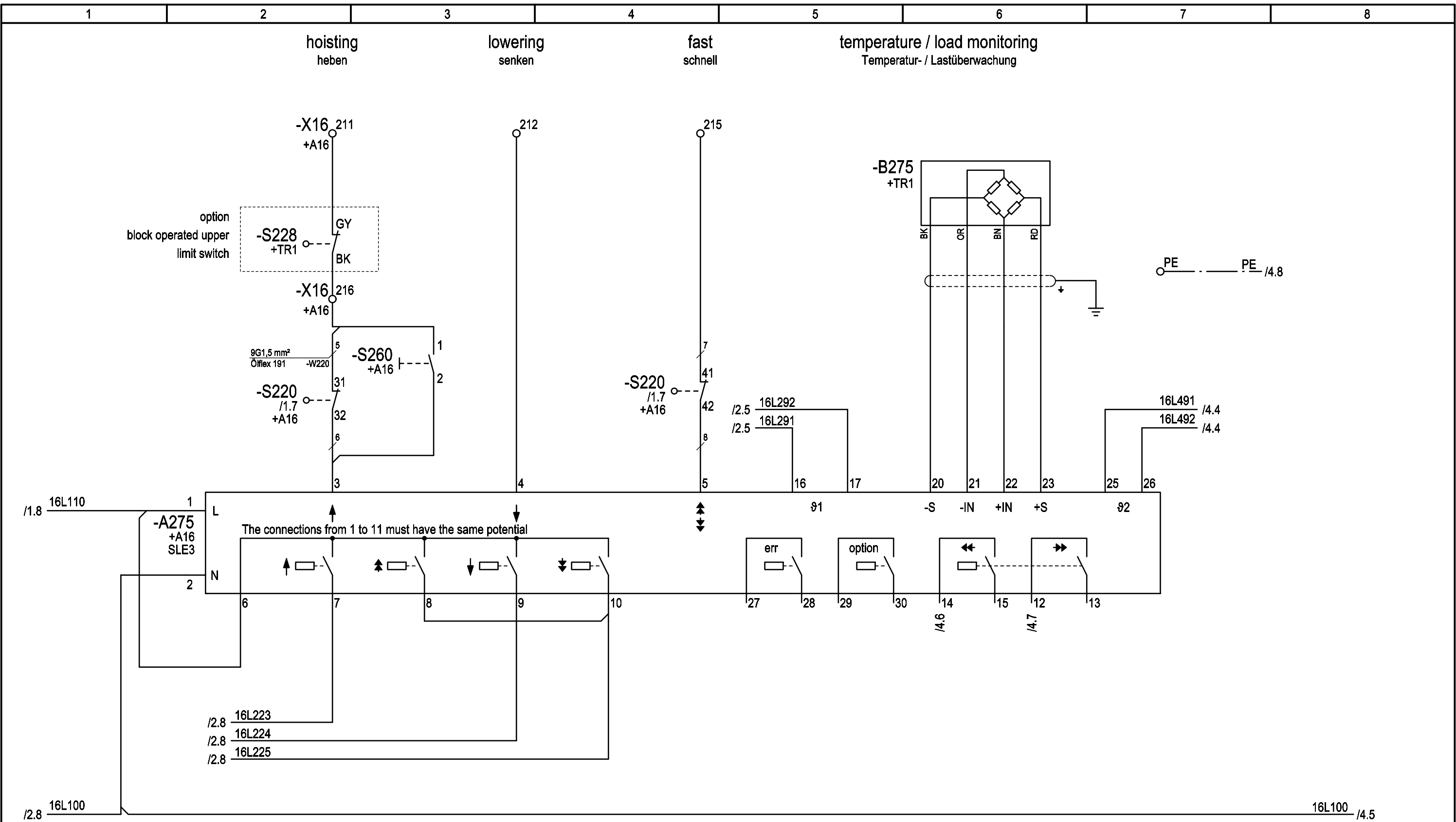


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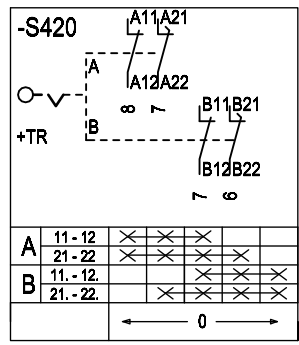
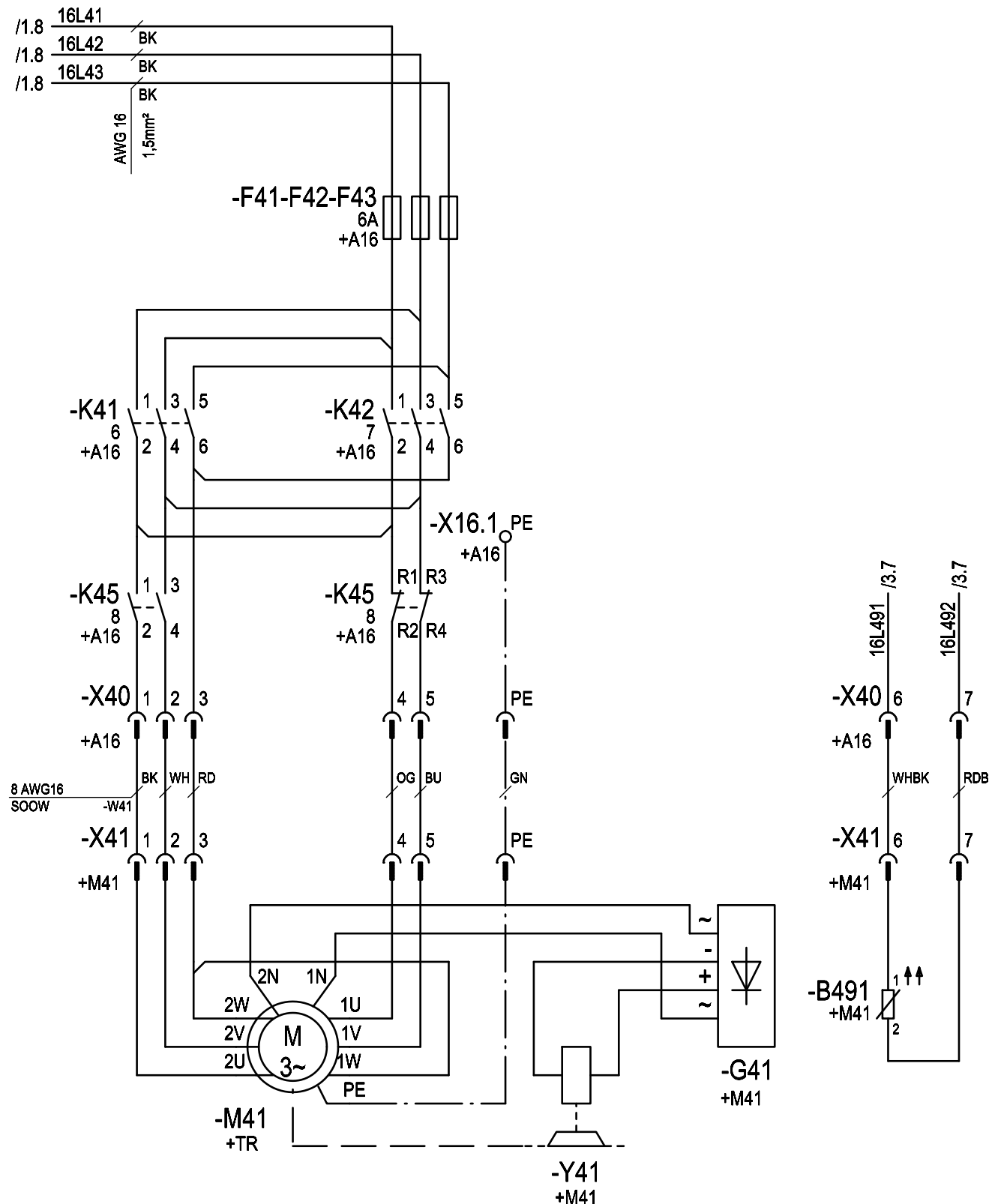
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Rev.		Plot	06.08.2018	Rep. by

Rep. for	Origin
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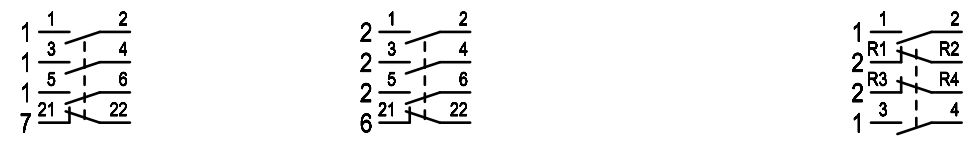
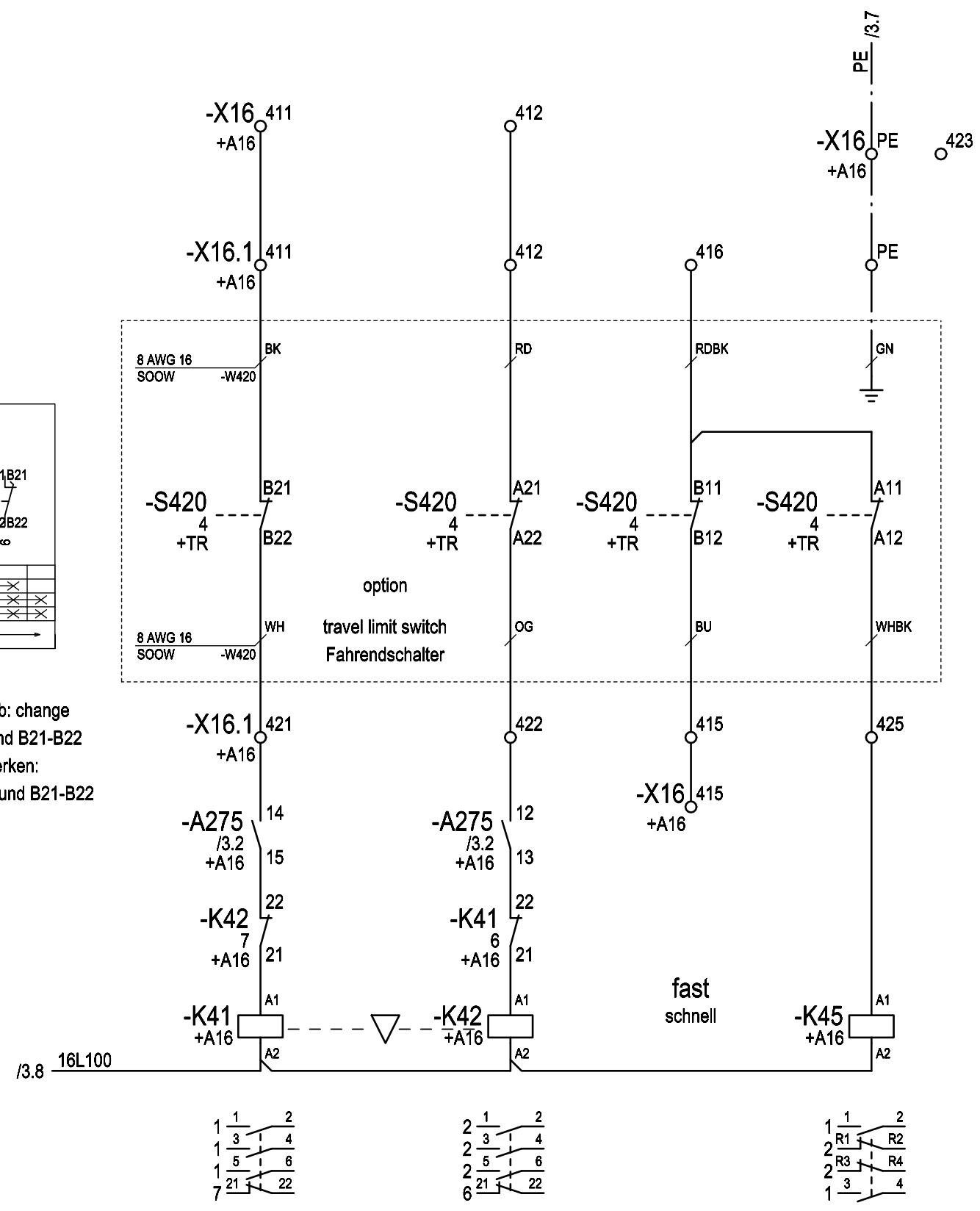
circuit diagram SH4 H42 type B SLE3 hoisting	= + 04 438 31 13 0	Page: 3 of: 8
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cross travel motor
Katzfahrmotor



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
	07.08.18	Schnell	23.10.17	Huhnd.
			24.10.17	Schnell
			24.10.17	Huhnd.

Rev.		Plot	06.08.2018	Rep. by		Rep. for		Origin	
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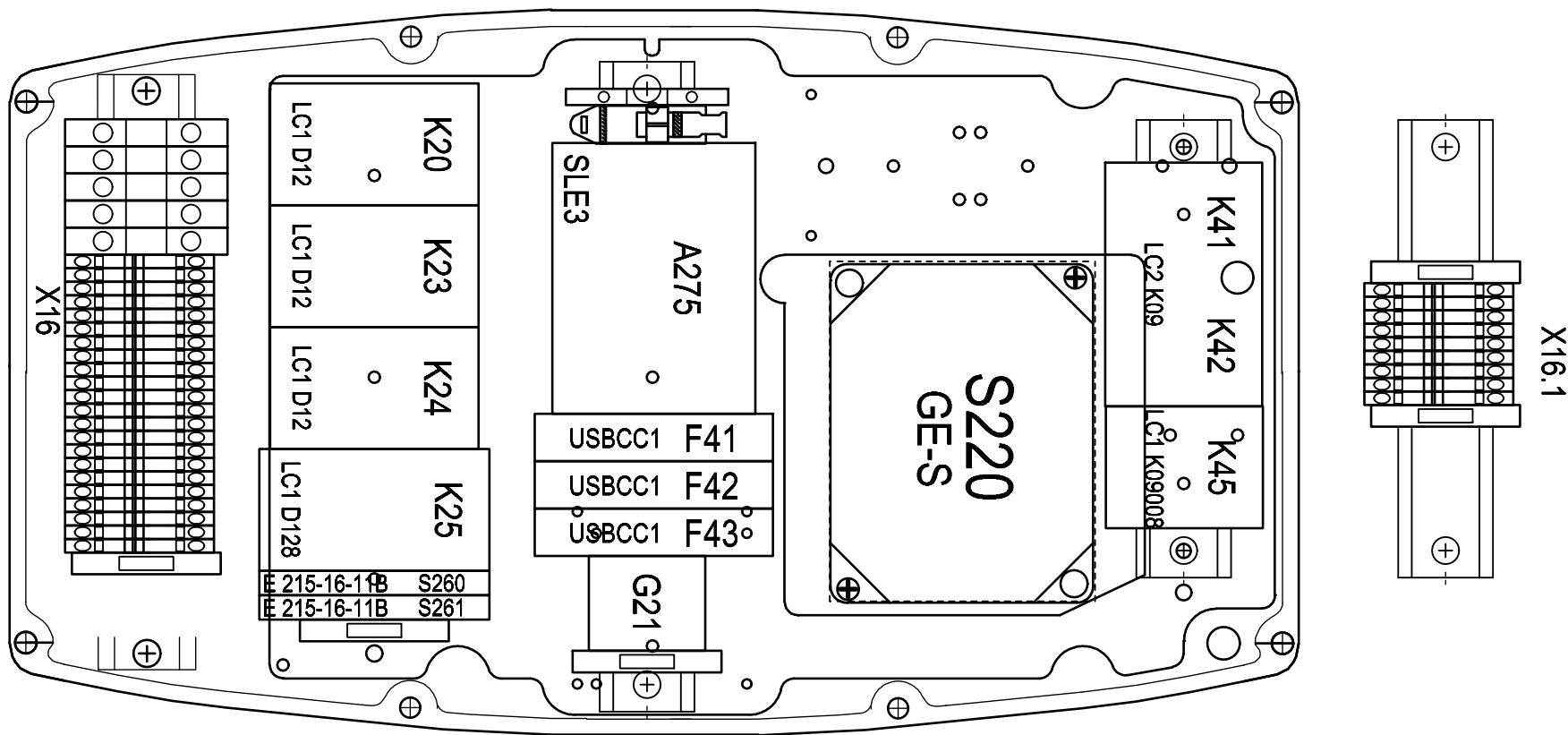
Copyright according to DIN ISO 16016	circuit diagram SH4 H42 type B SLE3 trolley	Order No.	Serial No. xxxxxx
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1		2			3			4			5			6			7			8		
Kabelbezeichnung cable designation	Kabel-Typ cable type	PE	411	14	412	12	415	A1	PE													
Zielzeichen target symbol	Anschlussbezeichnung designation of connection	-X40	-X16	-A275	-X16	-A275	-X16	-K45		-X16												
	Kennzeichen sign																					
-X16.1	Darstellungsort place discription	/4.2	/4.6	/4.6	/4.7	/4.7	/4.7	/4.8	/4.7													
	Klemmentyp typ	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													
	Klemmen-Nr. terminal number	PE	411	421	412	422	415	425	416	PE												
Anschluss-Leiste terminal connector strip	Laschenverbindung link	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	Zielzeichen target symbol	Anschlussbezeichnung designation of connection	B21	B22	A21	A22	B12	A12	B11	PE												
		Kennzeichen sign																				
Kabelbezeichnung cable designation	Kabel-Typ cable type	+TR-S420	+TR-S420	+TR-S420	+TR-S420	+TR-S420	+TR-S420	+TR-S420	+TR1-S420													
-W420	SOOW 8 AWG 16	BK	WH	RD	OG	BU	WHBK	RDBK	GN													

von übrigen Blättern
insgesamt
Anschl. siehe Blatt
9

GK SH4



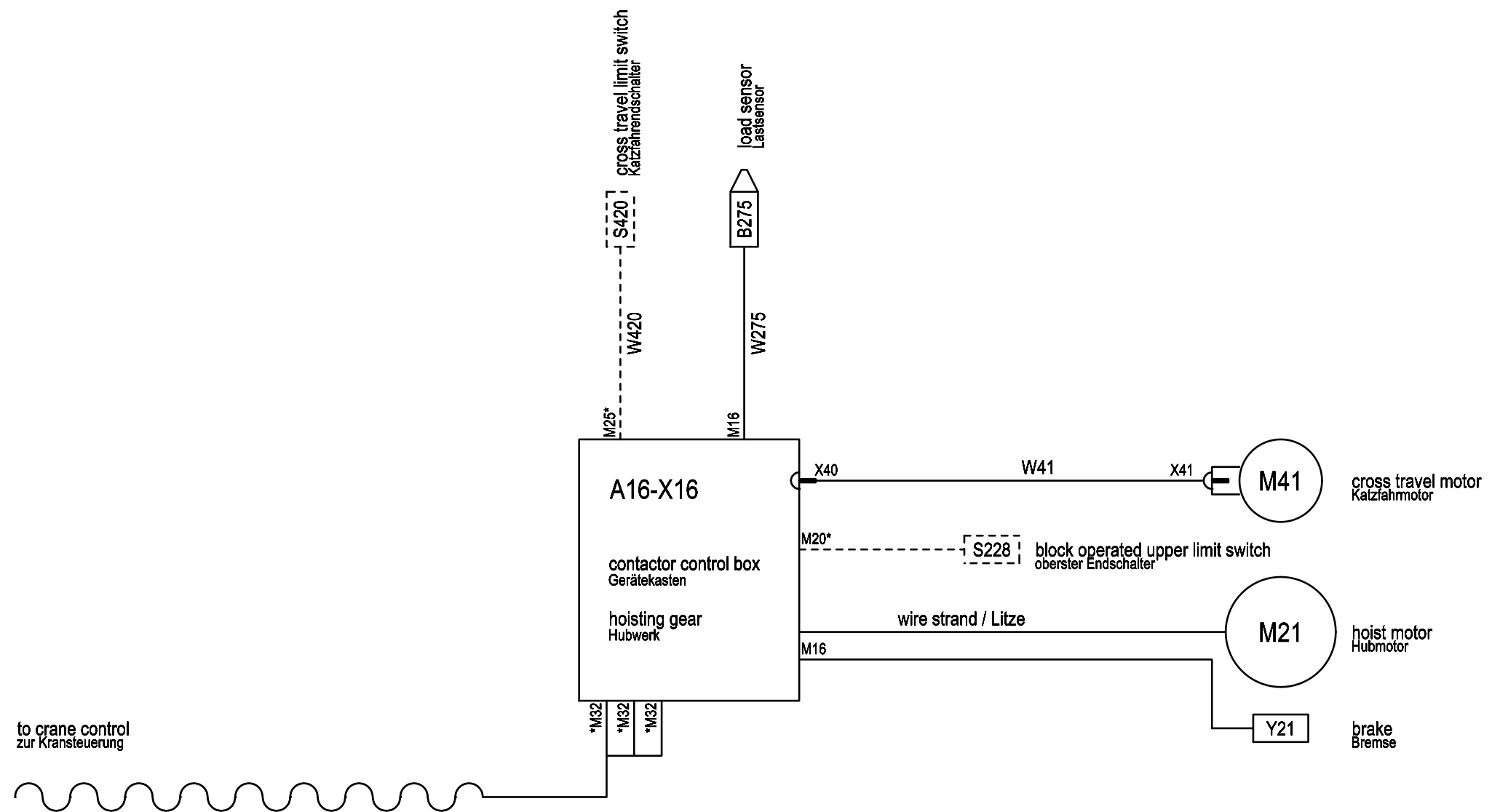
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Rev.			06.08.2018	

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location diagram	=
SH4 H42 type B SLE3	+
+A16	
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* blind plug
Blindstopfen

Changes	Date	Name	Date	Name
	07.08.18	Schnell	23.10.17	Huhnd.
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			24.10.17	Huhnd.
Rev.			Plot	06.08.2018

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Order No.	Serial No. xxxxxx

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