

Drawing number**05 438 34 13 0**

Stromlaufplan

Control / Steuerung	SH5	
Hoist Motor / Hubmotor	12/2H71	
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	35A Class J
by customer / bauseits	control fuse	1A

Document Dokument	Sheet Blatt
BILL OF MATERIALS GERÄTELISTE	1 (1)
POWER SUPPLY STROMVERSORGUNG	1 (8)
HOIST HUBWERK	2 (8)
TROLLEY FAHRWERK	5 (8)
TERMINAL DIAGRAM X16 KLEMMENPLAN X16	6 (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	2/017.100.2 2A	RECTIFIER GLEICHRICHTER	MAYR	04 430 04 88 0
+A16	-K20	1	LC1-D25 G7	CONTACTOR SCHÜTZ	SCHNEIDER	582 043 0
+A16	-K23-K24	2	LC1-D25 G7	CONTACTOR SCHÜTZ	SCHNEIDER	582 043 0
		2	LAD-N11G	AUXILIARY CONTACT BLOCK HILFSSCHALTERBLOCK	SCHNEIDER	582 069 0
+A16	-K25	1	LC1-D258 G7	CONTACTOR SCHÜTZ	SCHNEIDER	582 047 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 RT10	CIRCUIT BREAKER LEISTUNGSSCHALTER	SCHNEIDER	579 507 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	-X16	1	WPE16	PE-TERMINAL SCHUTZLEITERKLEMME	WEIDMUELLER	519 518 0
		3	WDU16	TERMINAL KLEMME	WEIDMUELLER	519 513 0
		2	WDU10	TERMINAL KLEMME	WEIDMUELLER	519 512 0
		1	WPE10	PE-TERMINAL SCHUTZLEITERKLEMME	WEIDMUELLER	519 517 0
		4	A2C 2.5 PE	PE-TERMINAL SCHUTZLEITERKLEMME	WEIDMUELLER	519 634 0
		21	A2C 2.5	TERMINAL KLEMME	WEIDMUELLER	519 633 0
+TR	-B275	1		LOAD SENSOR LASTSENSOR		
+TR	-M21	1		HOIST MOTOR HUBMOTOR		
+TR	-M41	1		TROLLEY MOTOR KATZFAHRMOTOR		
+TR	-S228	1		BLOCK OPERATED UPPER LIMT SWITCH ENDSCHALTER (US)		
+TR	-S420	1		TROLLEY LIMIT SWITCH KATZFAHRENDSCHALTER		

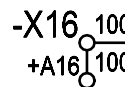
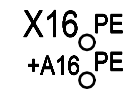
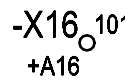
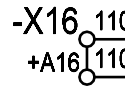
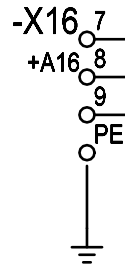
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power supply
Stromzuführung

emergency hoist limit switch
Nothubendschalter

main fuse
Anschlussicherung
35A Class J

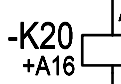
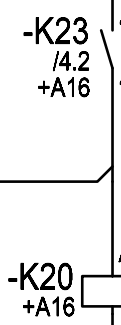
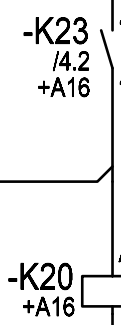
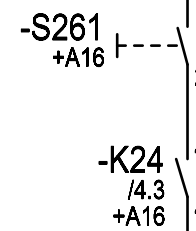
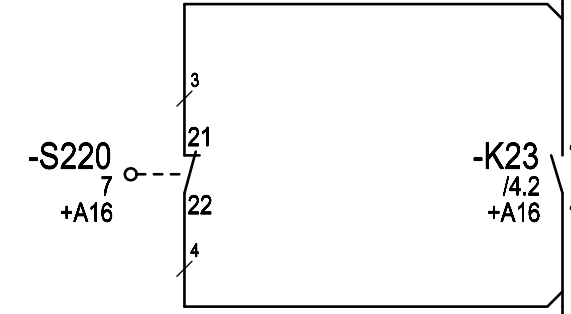
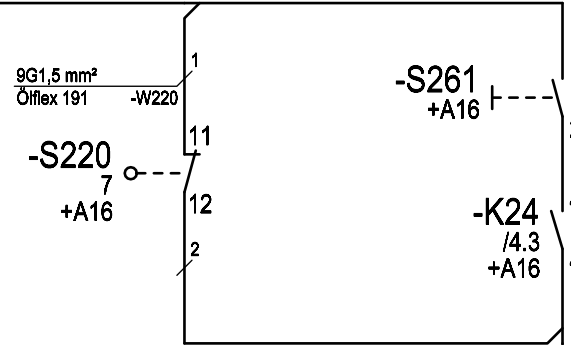
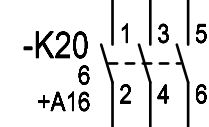
control fuse
Steuersicherung
1A



BK
BK
BK
AWG 14
2,5mm²

AWG 16
1,5mm²
RD

WH
AWG 16
1,5mm²

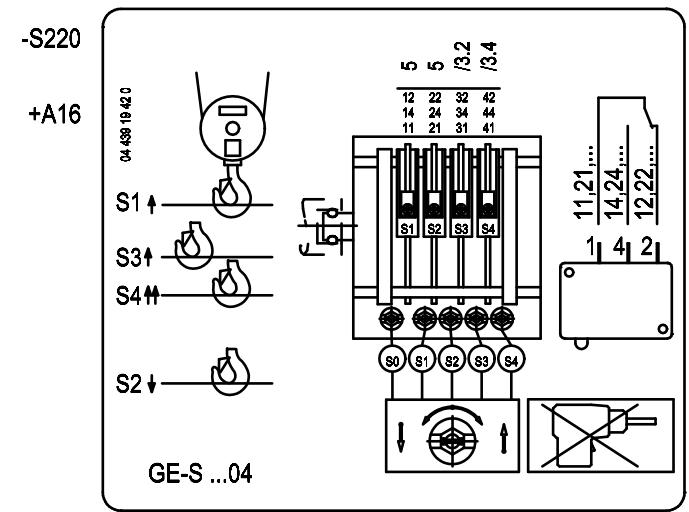
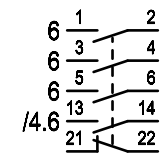


16L21 /2.1
16L22 /2.1
16L23 /2.1

16L41 /5.1
16L42 /5.1
16L43 /5.1

16L110 /3.1

16L100 /3.1



- 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

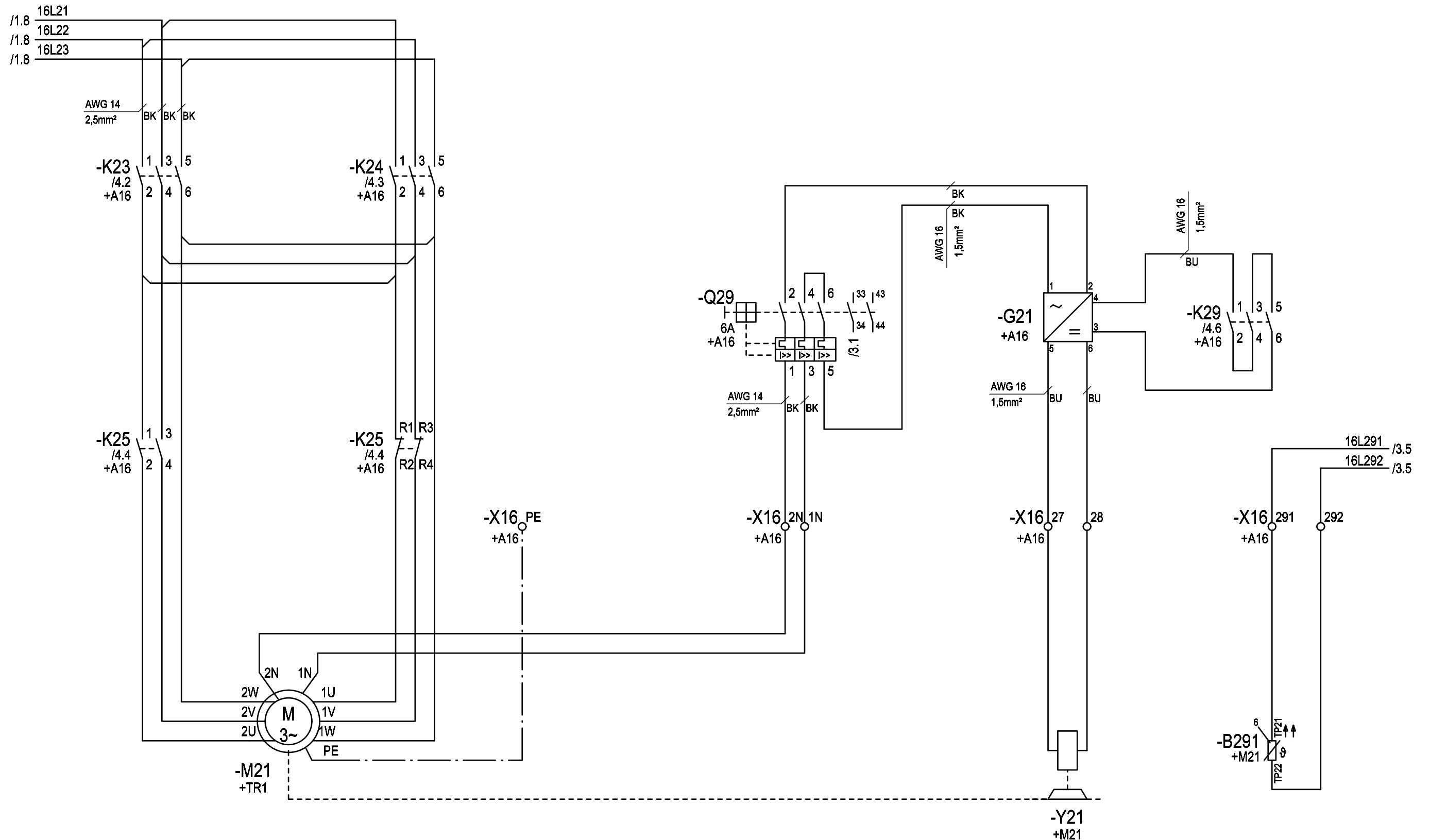
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	07.08.18	Schnell	23.10.17	Huhnd.
			24.10.17	Schnell
			24.10.17	Huhnd.

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Copyright according to DIN ISO 16016	circuit diagram SH5 H71 type B SLE3 power supply
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hoist motor
Hubmotor



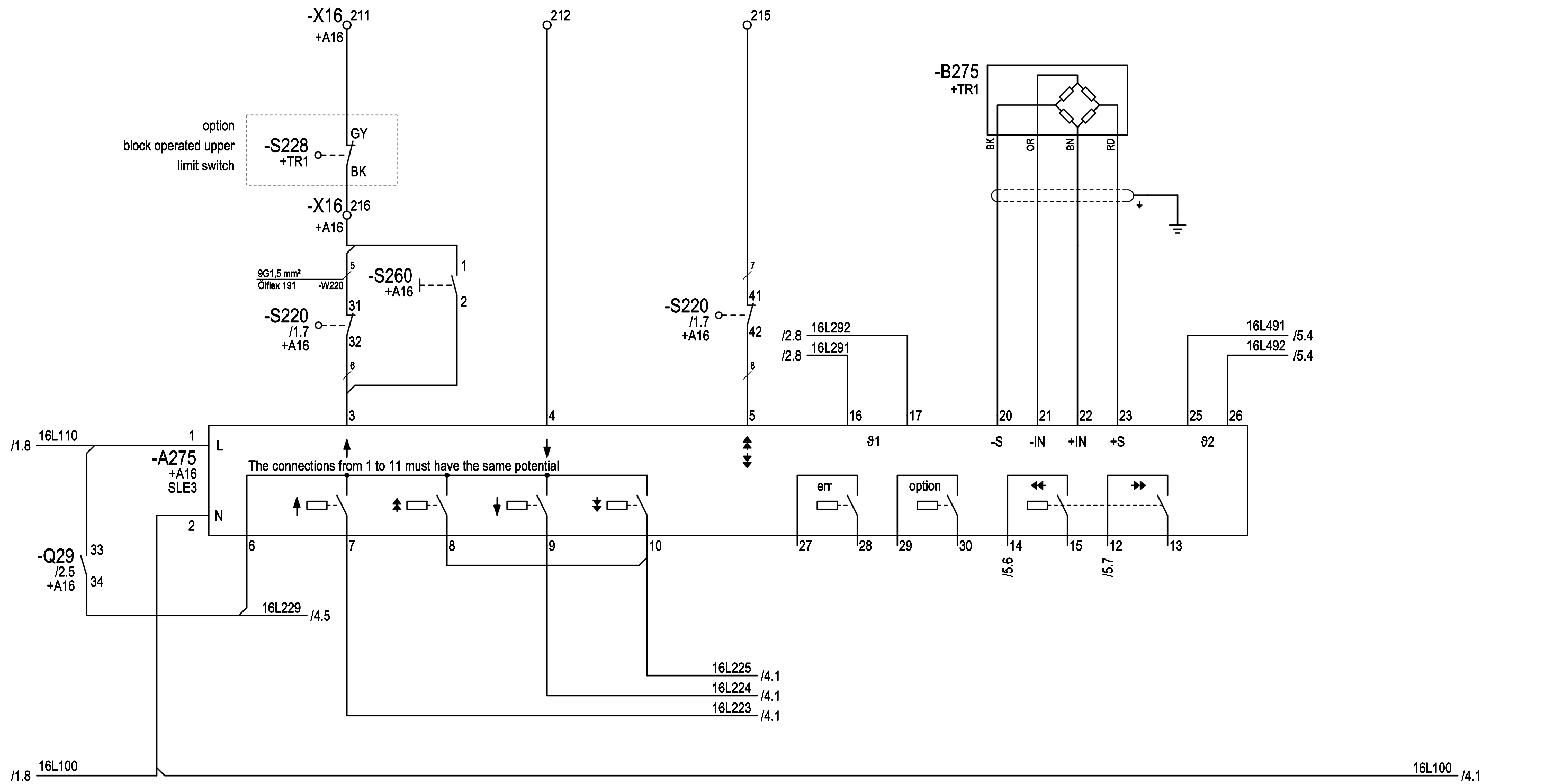
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			Proved	24.10.17	Schnell		hoisting			
			Release	24.10.17	Huhnd.		Order No.	Serial No. xxxxxx		05 438 34 13 0
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hoisting
heben

lowering
senken

fast
schnell

temperature / load monitoring
Temperatur- / Lastüberwachung



Changes	Date	Name	Date	Name
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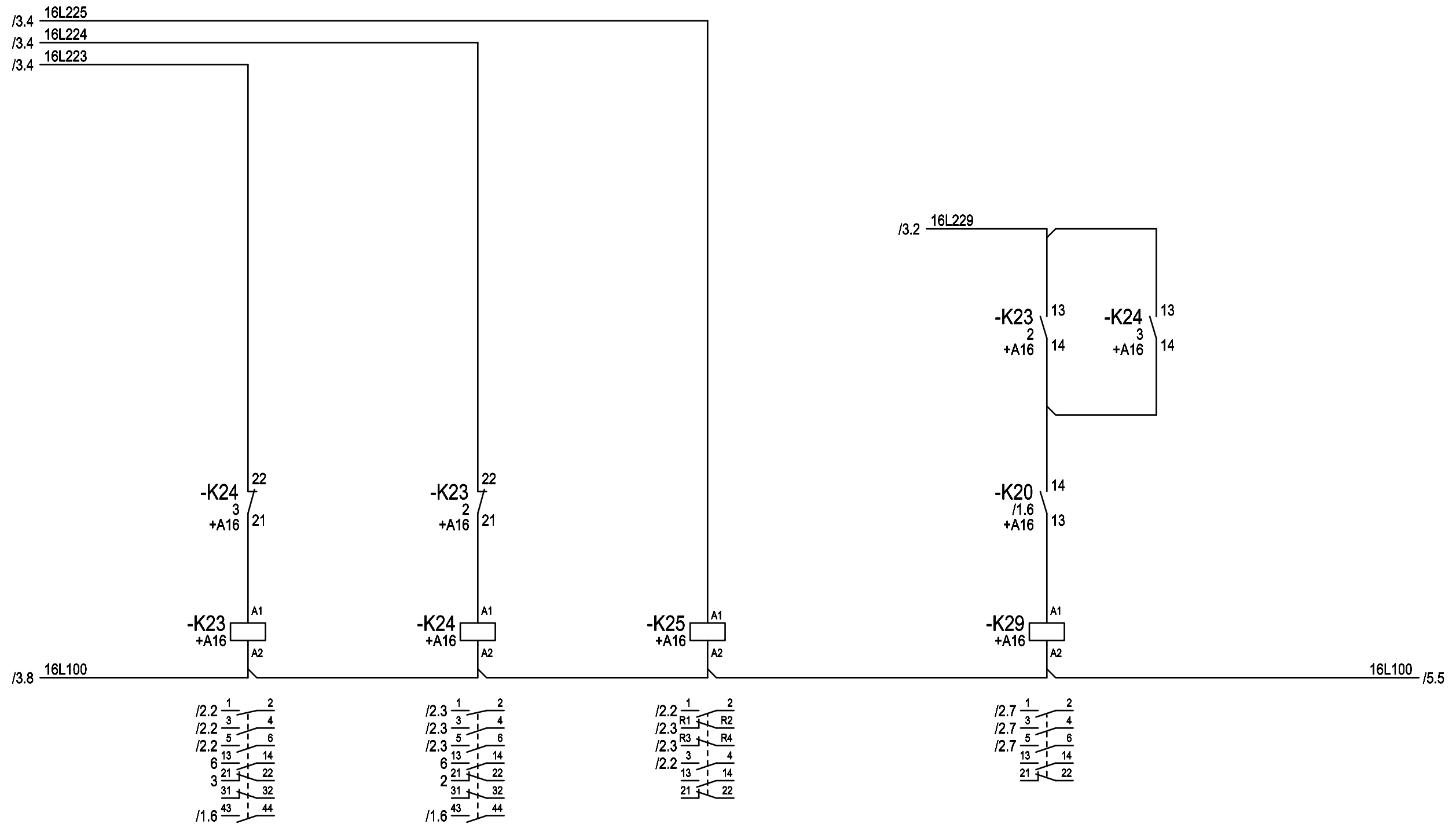
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	SH5 H71 type B SLE3	+
	hoisting	05 438 34 13 0
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hoisting
heben

lowering
senken

fast
schnell



Rev.	Changes	Date	Name	Date	Name
		07.08.18	Schnell	23.10.17	Huhnd.
				24.10.17	Schnell
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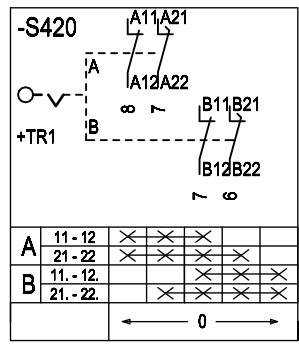
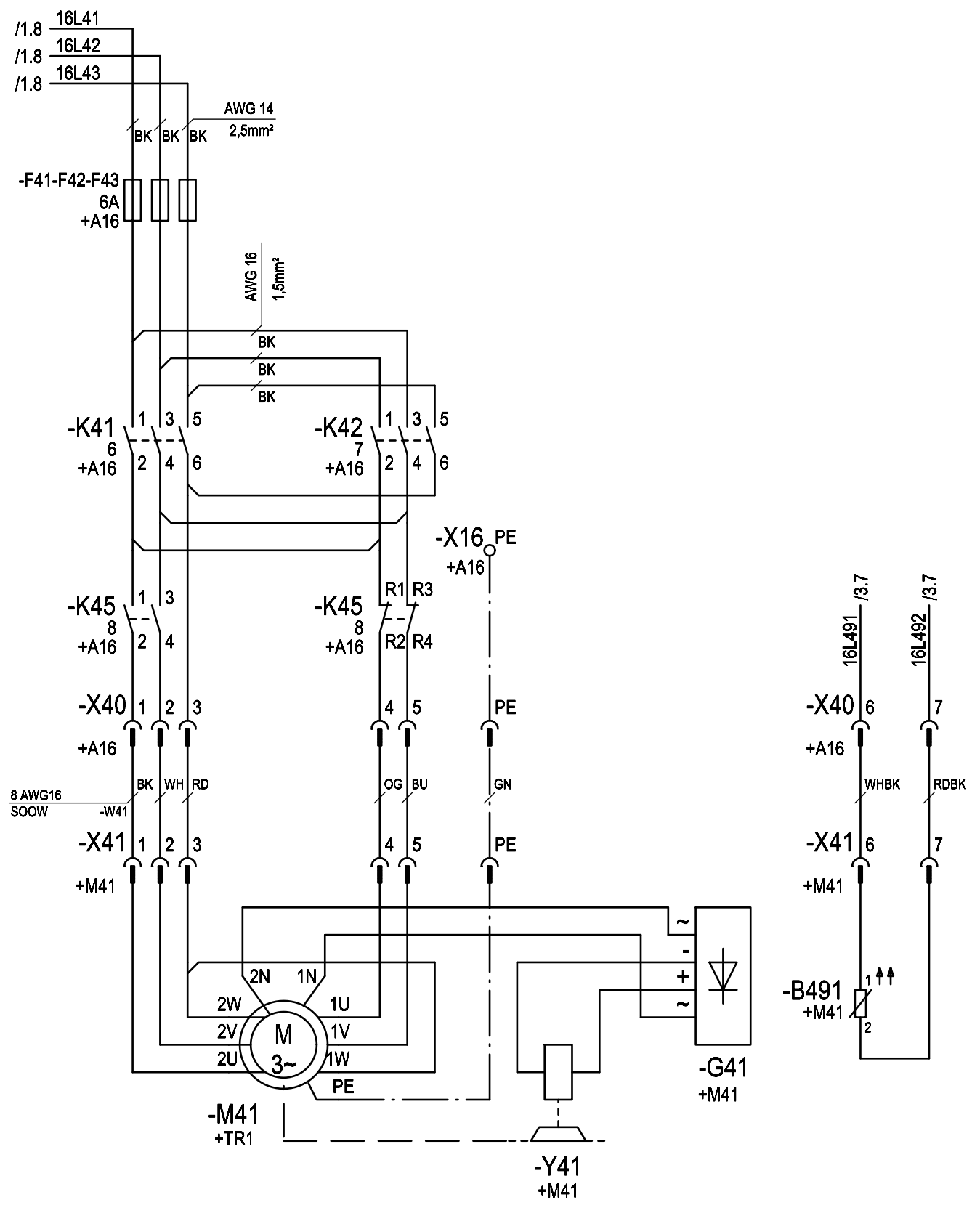
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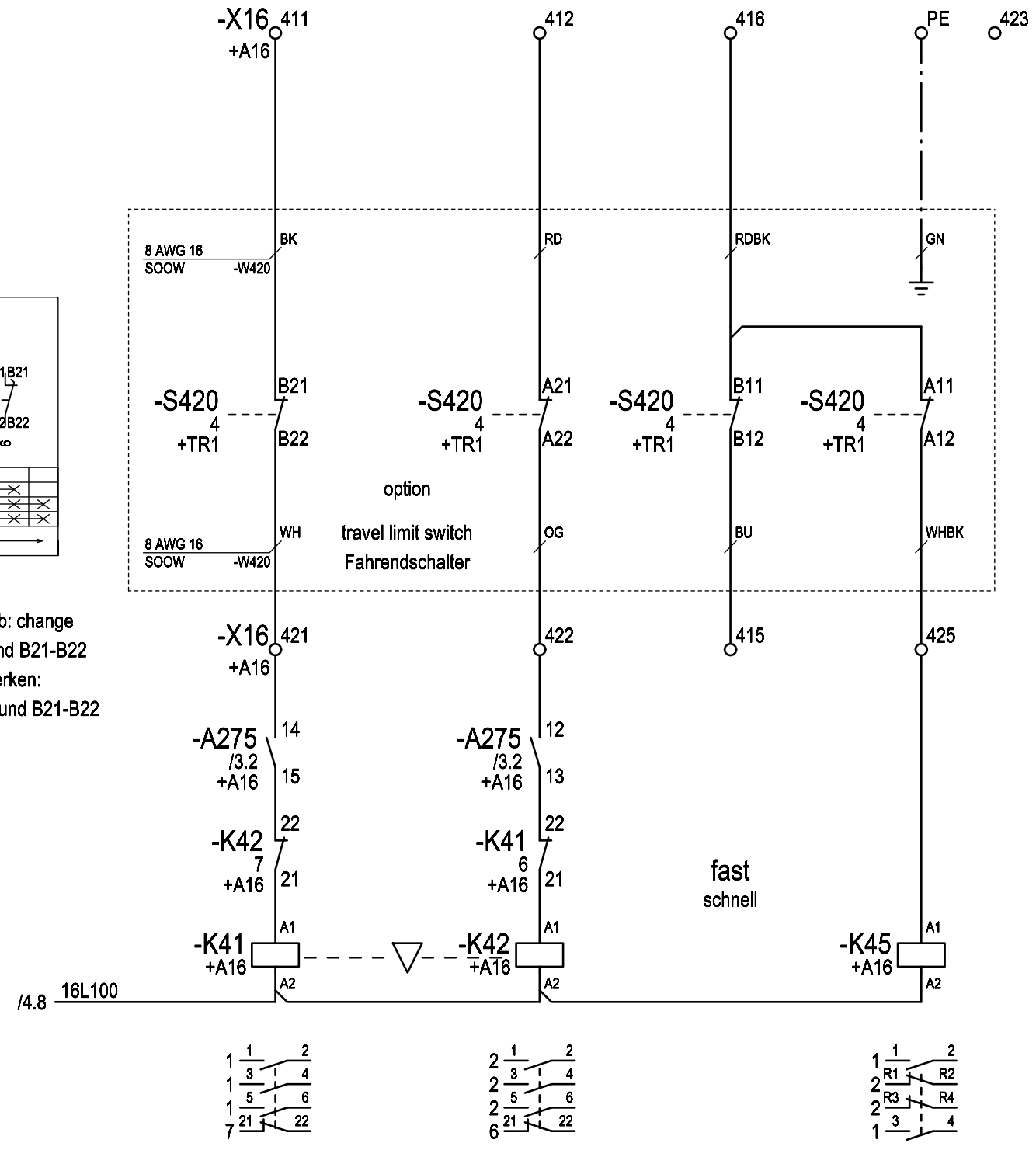
cross travel motor
Katzfahrmotor

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



Changes	Date	Name	Date	Name
	07.08.18	Schnell	23.10.17	Huhnd.
			24.10.17	Schnell
			24.10.17	Huhnd.

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Copyright according to DIN ISO 16016	circuit diagram SH5 H71 type B SLE3 trolley	Order No.	Serial No. xxxxxx
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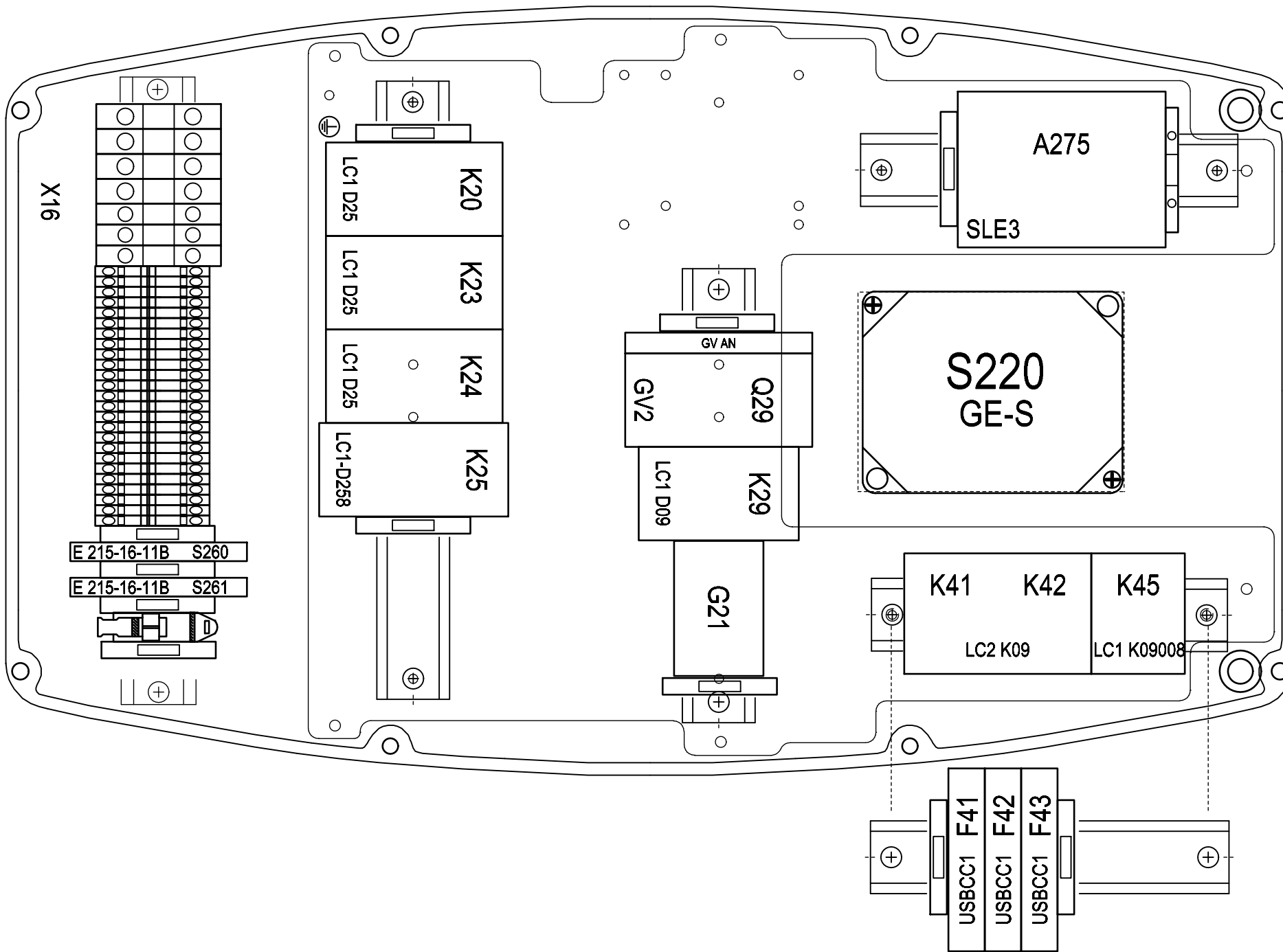
1		2					3					4					5					6					7					8										
	AWG 16	1,5mm²										WH																														
	AWG 16	1,5mm²																RD																								
	AWG 16	1,5mm²																																								
	AWG 14	2,5mm²		BK	BK	BK	BK	BK																																		
-W220	Öflex 191																																									
Kabelbezeichnung cable designation	Kabel-Typ cable type		2	4	6	3	1																																			
Zielzeichen target symbol	Anschlussbezeichnung designation of connection																																									
	Kennzeichen sign		-K20	-K20	-K20	-Q29	-Q29																																			
Anschluss-Leiste terminal connector strip	Darstellungsort place discription	/1.2	/1.2	/1.2	/1.2	/2.5	/2.5	/2.4	/1.2	/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	/5.6	/5.6	/5.7	/5.7	/5.7	/5.8	/5.8	/5.2	/5.8											
	Klemmentyp typ	WPE16	WDU16	WDU16	WDU16	WDU10	WDU10	WPE10	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												
	Klemmen-Nr. terminal number	PE	7	8	9	1N	2N	PE	PE	27	28	PE	100	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 designation of connection	PE				1N	2N	PE																																		
	Kennzeichen sign																																									
Kabelbezeichnung cable designation	Kabel-Typ cable type	+A16-PE																																								
-W420	SOOW	8 AWG 16																																								

von übrigen Blättern
insgesamt
Anschl. siehe Blatt

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			24.10.17	Huhnd.					
			Plot	06.08.2018	Rep. by	Rep. for	Origin	Order. no.	Serial no. XXXXXX

GK SH5



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

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location diagram
SH5 H71 type B SLE3
+A16

Order No. Serial No. xxxxxx

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