

Drawing number**05 438 31 13 0**

Stromlaufplan

Control / Steuerung	SH5	
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
13.03.2019	G-Plattform	Schnell	1/1

Drawing number

05 438 31 13 0

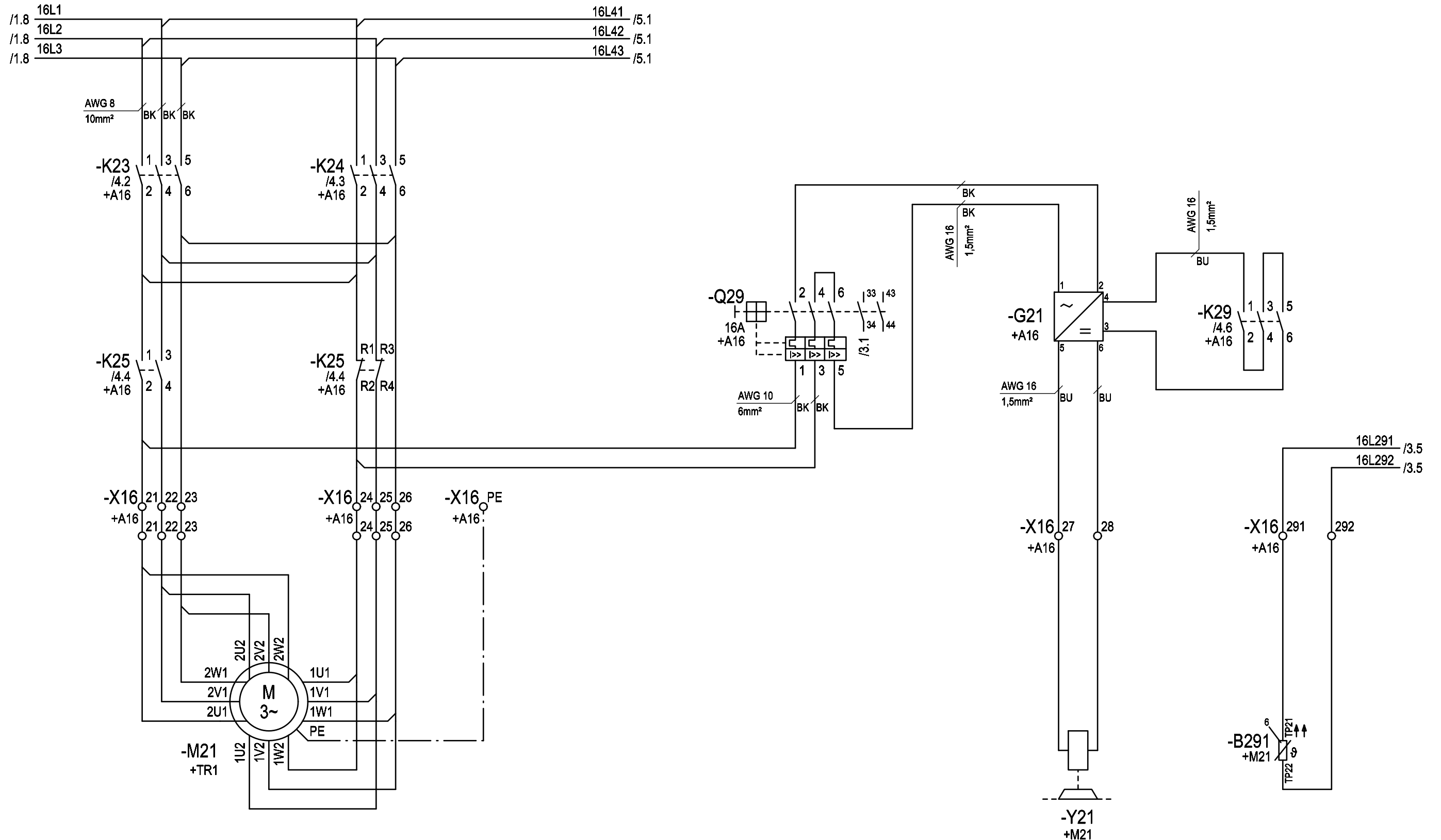
Stromlaufplan

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
		2	WDK2.5N PE	PE-TERMINAL SCHUTZLEITERKLEMME	WEIDMUELLER	519 525 0
		10	WDK2.5N	TERMINAL KLEMME	WEIDMUELLER	519 524 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		

Date / Datum	Dept. / Abteilung	Designer / Bearbeiter	Page / Seite
13.03.2019	G-Plattform	Schnell	1/1

hoist motor
Hubmotor



Changes	Date	Name	Date	Name
	13.03.19	Schnell	23.10.17	Huhnd.
			24.10.17	Schnell
			24.10.17	Huhnd.
Rev.		Plot	13.03.2019	Rep. by

Rep. for	Origin
----------	--------

Copyright according to
DIN ISO
16016

circuit diagram
SH5 H71 type A SLE3
hoisting

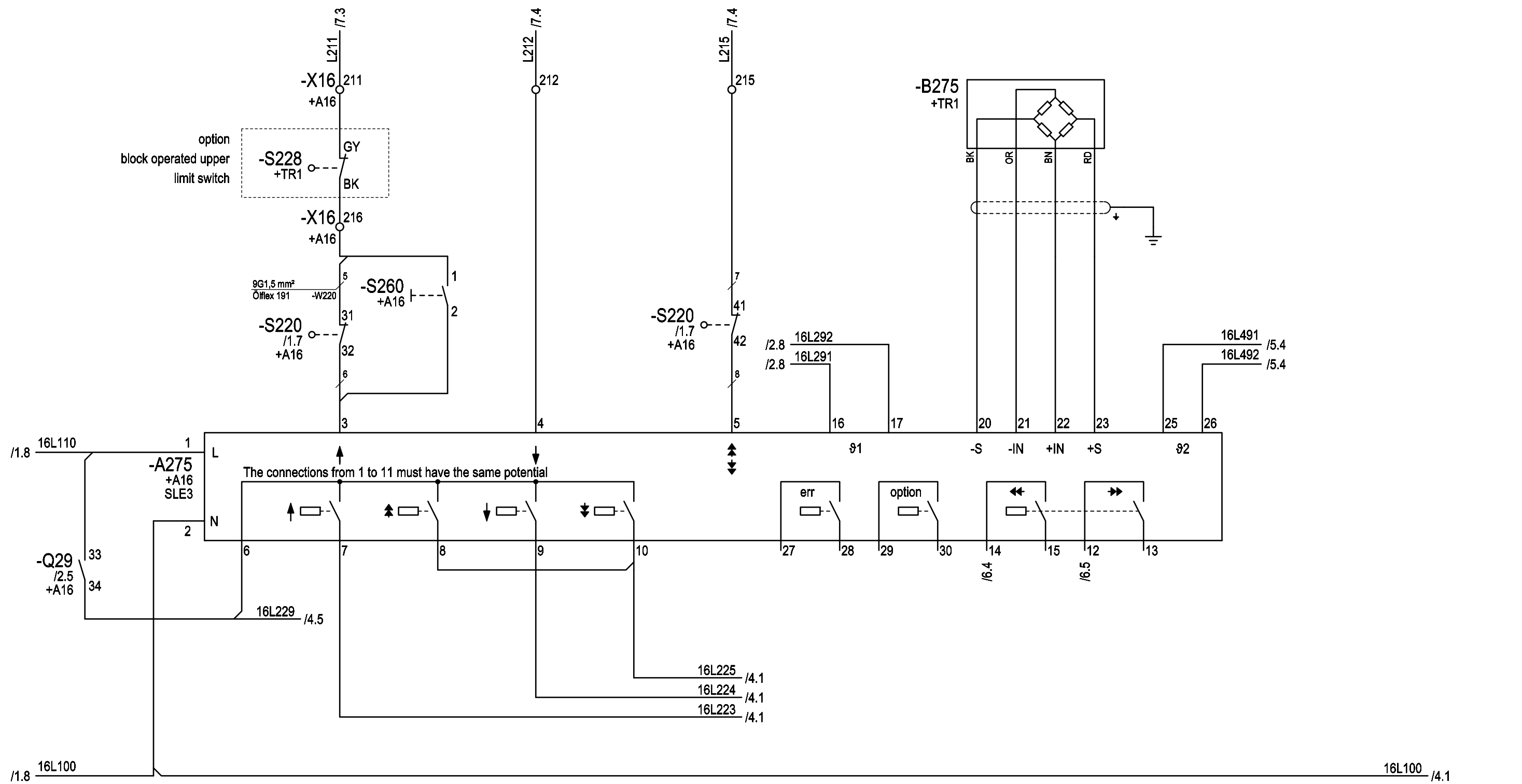
=	
+	
05 438 31 13 0	Page: 2
	of: 10

hoisting
heben

lowering
senken

fast
schnell

temperature / load monitoring
Temperatur- / Lastüberwachung

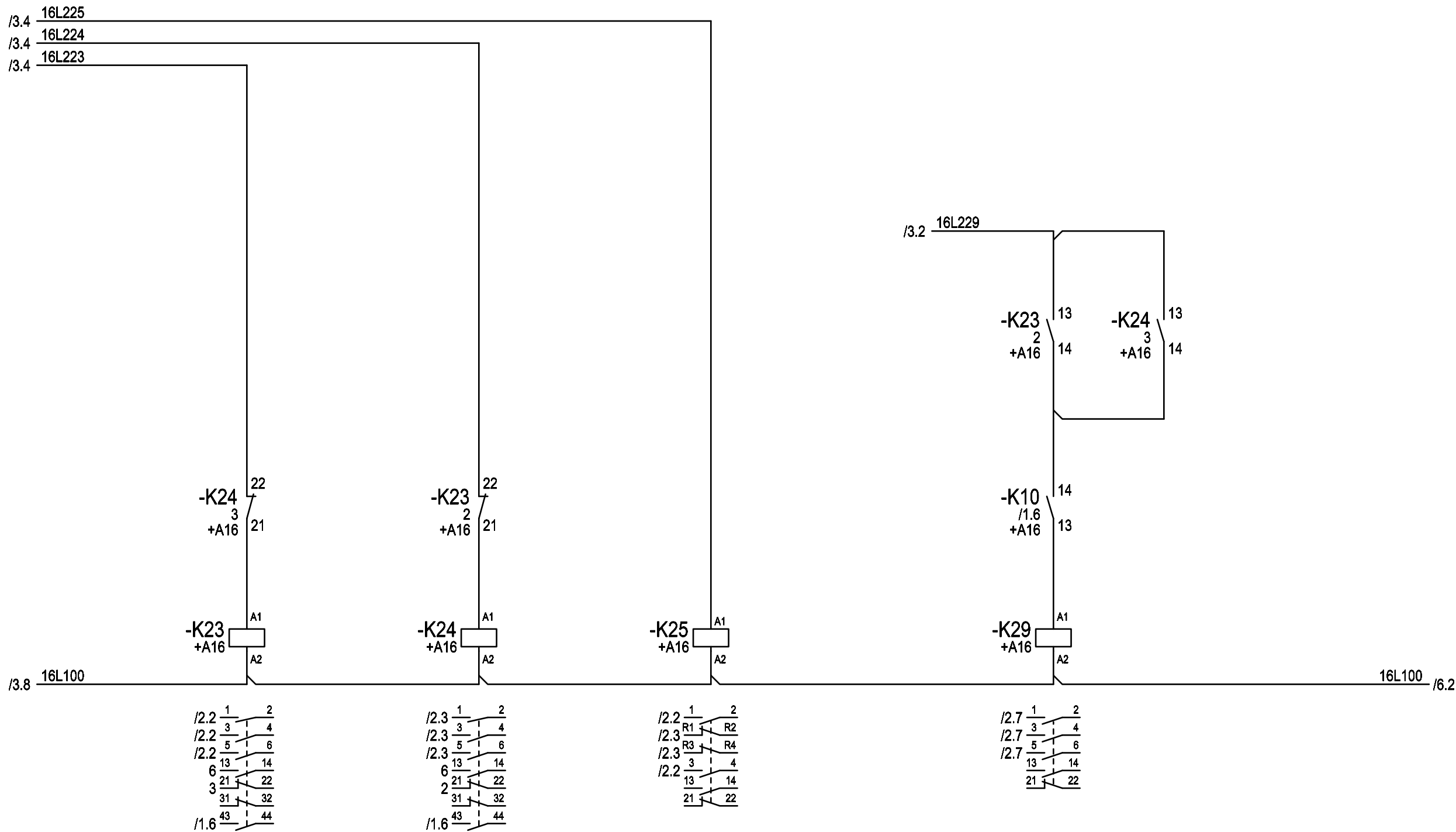


Changes	Date	Name	Date	Name	Copyright according to DIN ISO 16016	circuit diagram SH5 H71 type A SLE3 hoisting		=		
	13.03.19	Schnell	23.10.17	Huhnd.				+		
			24.10.17	Schnell						
			24.10.17	Huhnd.						
Rev.			Plot 13.03.2019	Rep. by	Rep. for	Origin	Order No.	Serial No.	05 438 31 13 0	Page: 3 of: 10

hoisting
heben

lowering
senken

fast
schnell



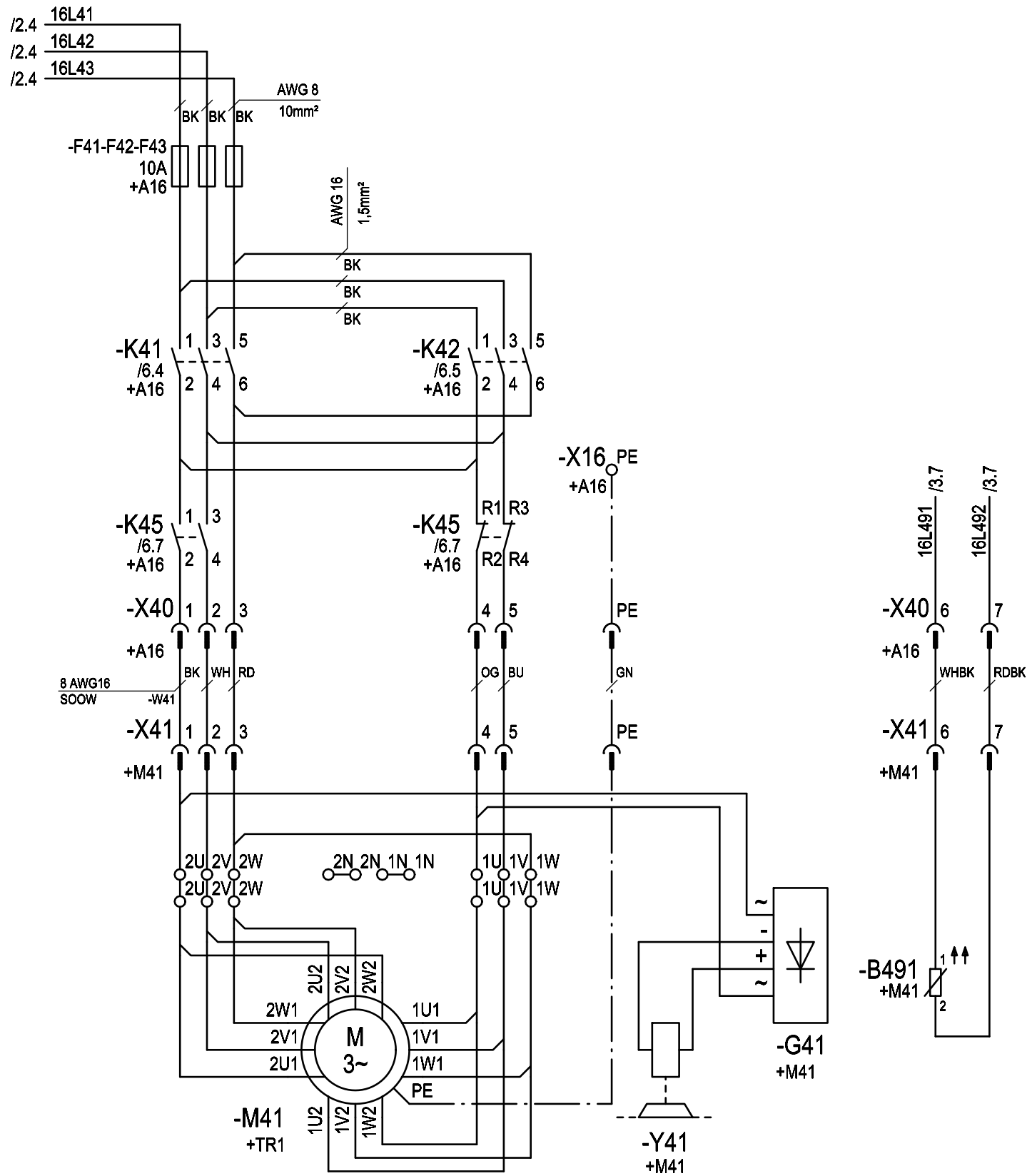
Rev.	Changes	Date	Name	Date	Name
		13.03.19	Schnell	23.10.17	Huhnd.
				24.10.17	Schnell
				24.10.17	Huhnd.

Rep. by	Rep. for	Origin

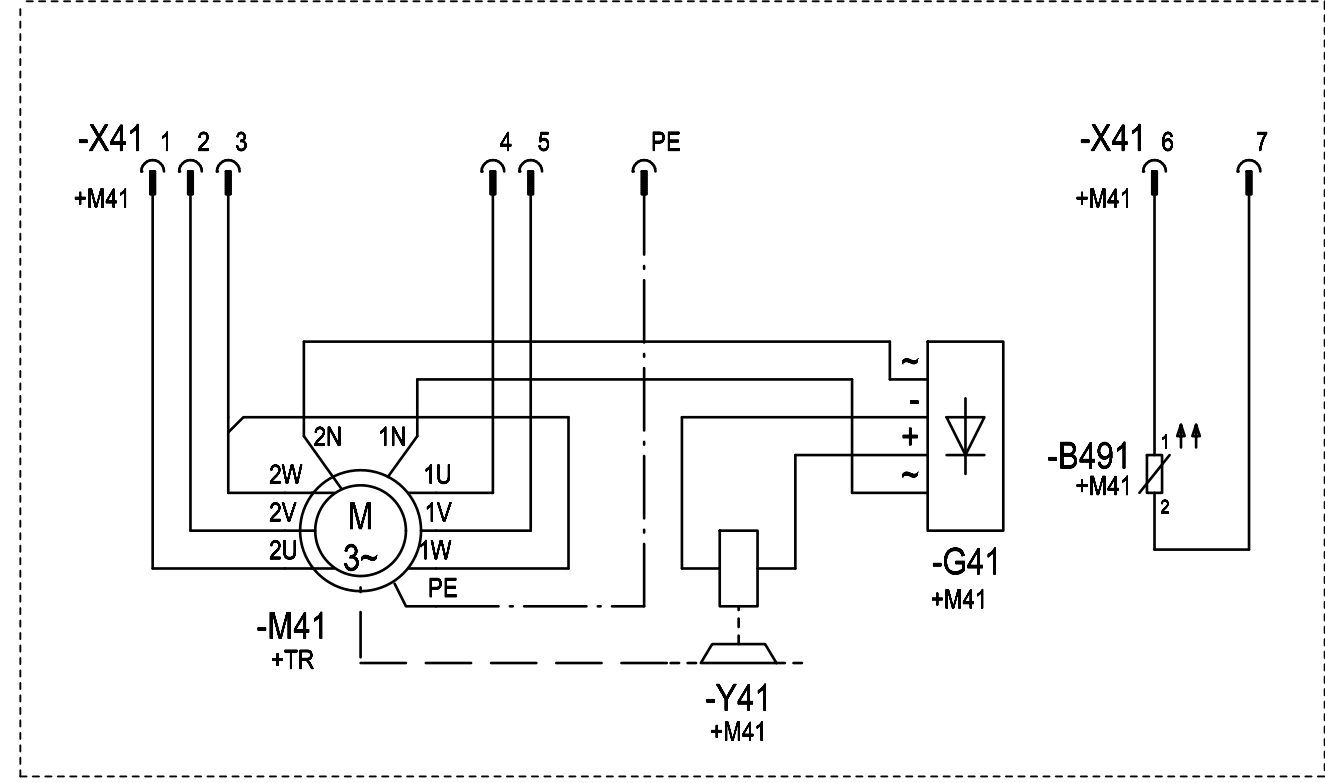
Copyright according to DIN ISO 16016	circuit diagram SH5 H71 type A SLE3 hoisting
Order No.	Serial No.

=	
+	
05 438 31 13 0	Page: 4 of: 10

cross travel motor
Katzfahrmotor



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



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

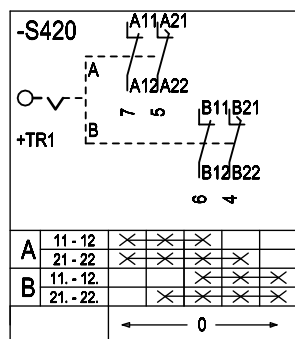
Rev.		Plot	13.03.2019	Rep. by		Rep. for		Origin	
------	--	------	------------	---------	--	----------	--	--------	--

Copyright according to DIN ISO 16016	circuit diagram SH5 H71 type A SLE3 trolley
Order No.	Serial No.

=	
+	
05 438 31 13 0	Page: 5 of: 10

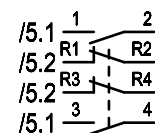
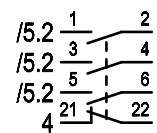
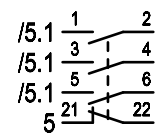
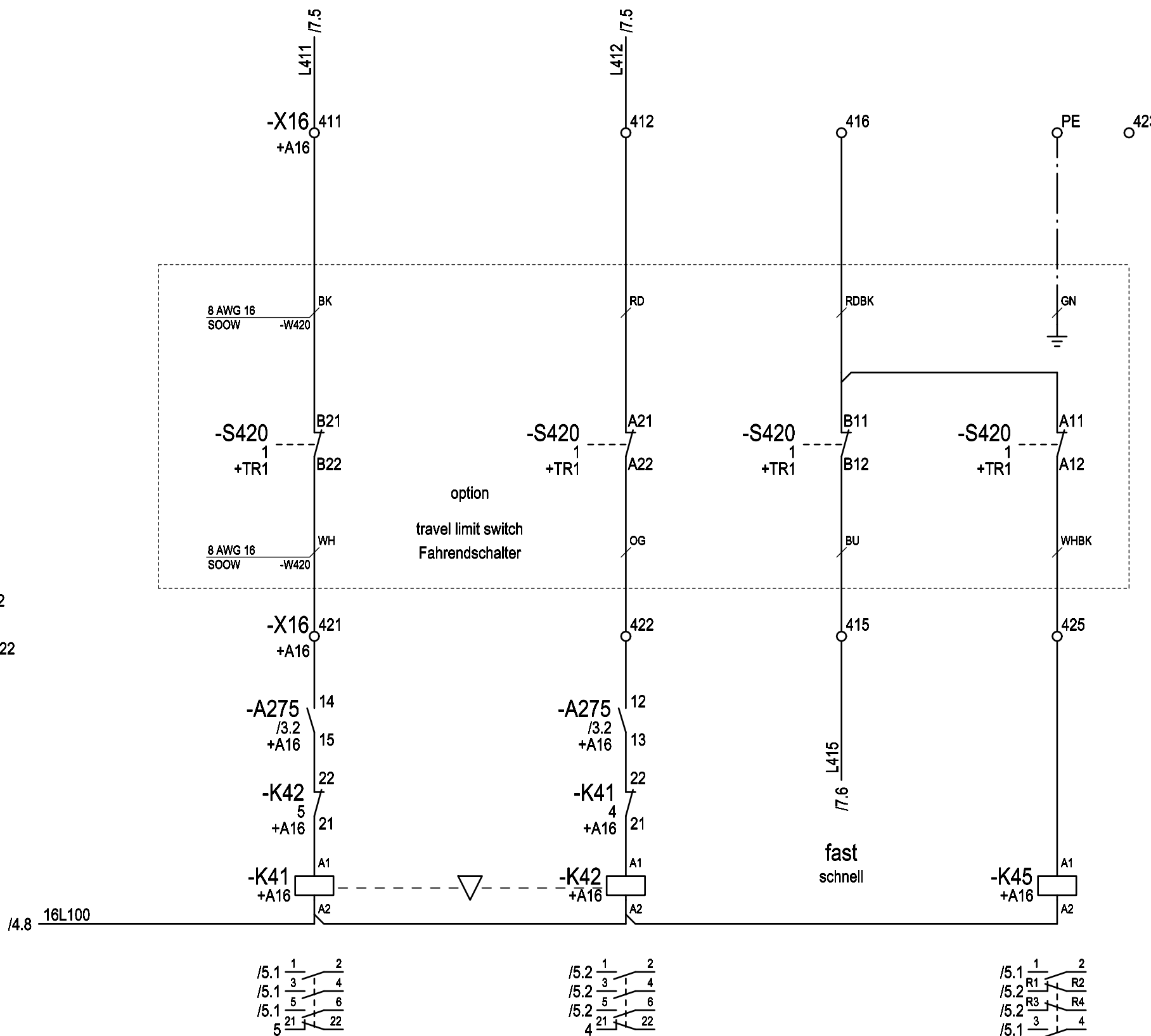
left
links

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
	13.03.19	Schnell	23.10.17	Huhnd.
			24.10.17	Schnell
			24.10.17	Huhnd.
Rev.		Plot	13.03.2019	Rep. by

Rep. for	Origin
----------	--------

Copyright according to DIN ISO 16016

circuit diagram
 SH5 H71 type A SLE3
 trolley

=	
+	
05 438 31 13 0	Page: 6
	of: 10

option

hoisting gear
Hubwerk

trolley traveling gear
Katzfahrwerk

emergency stop
Not-Halt

hoisting
heben

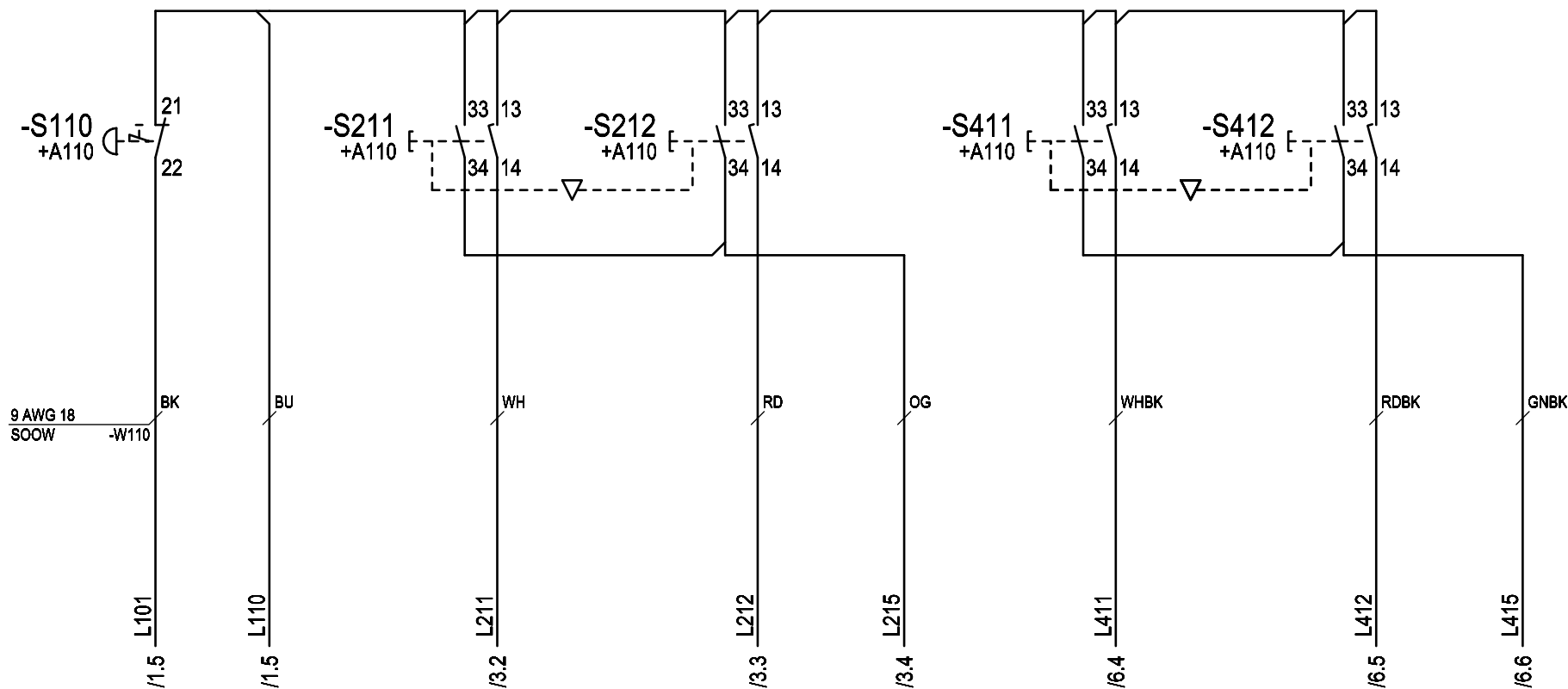
lowering
senken

fast
schnell

left
links

right
rechts

fast
schnell



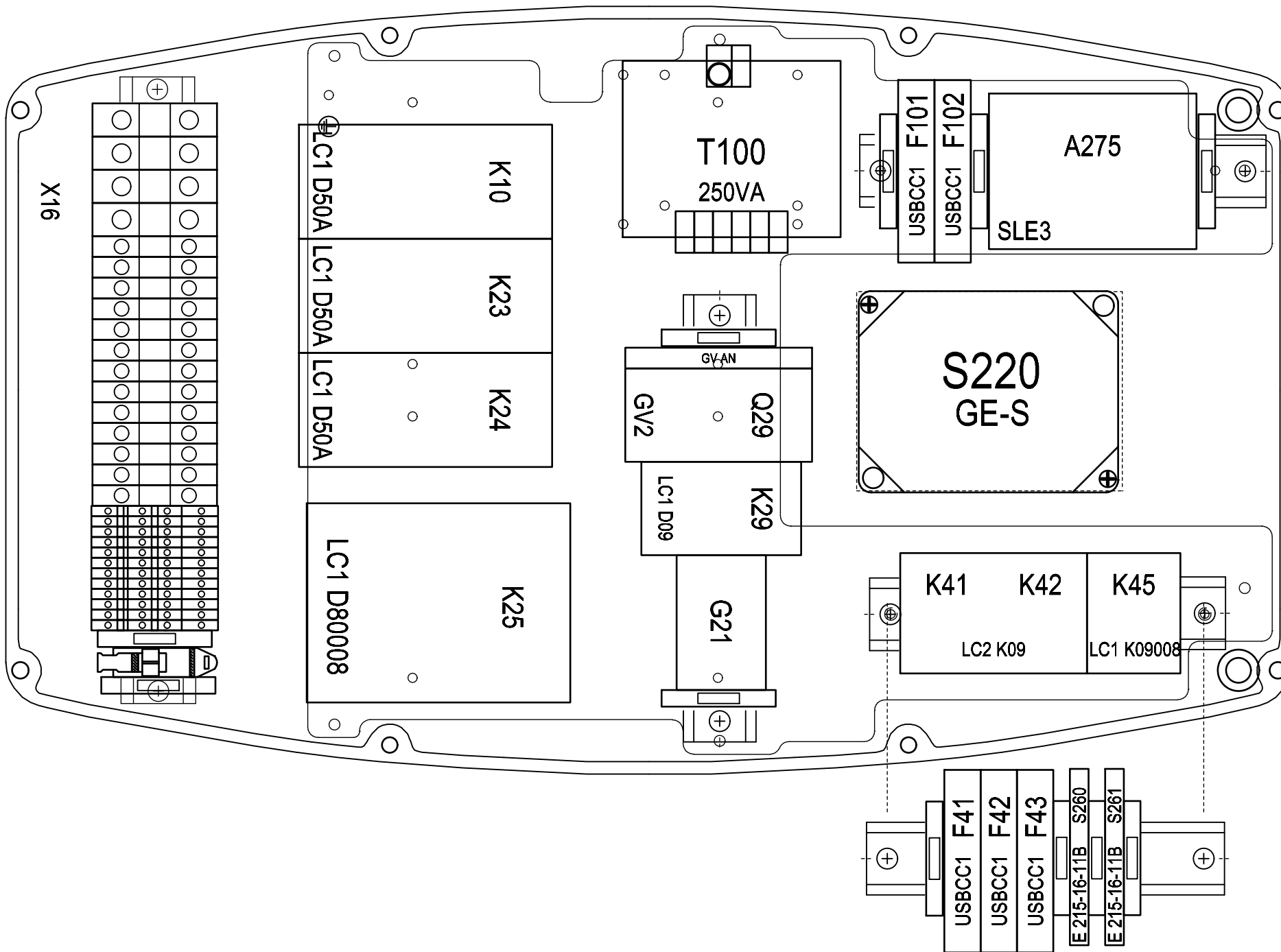
Rev.	Changes	Date	Name	Date	Name
		13.03.19	Schnell	23.10.17	Huhnd.
				24.10.17	Schnell
				24.10.17	Huhnd.

Plot	13.03.2019	Rep. by	Rep. for	Origin
------	------------	---------	----------	--------

Copyright according to DIN ISO 16016	circuit diagram SH5 H71 type A SLE3 control pendant	Order No.	Serial No.
--------------------------------------	---	-----------	------------

=	
+	
05 438 31 13 0	Page: 7 of: 10

GK SH5



Changes	Date	Name		Date	Name
	13.03.19	Schnell	Editor	23.10.17	Huhnd.
			Proved	24.10.17	Schnell
			Release	24.10.17	Huhnd.
Rev.			Plot	13.03.2019	

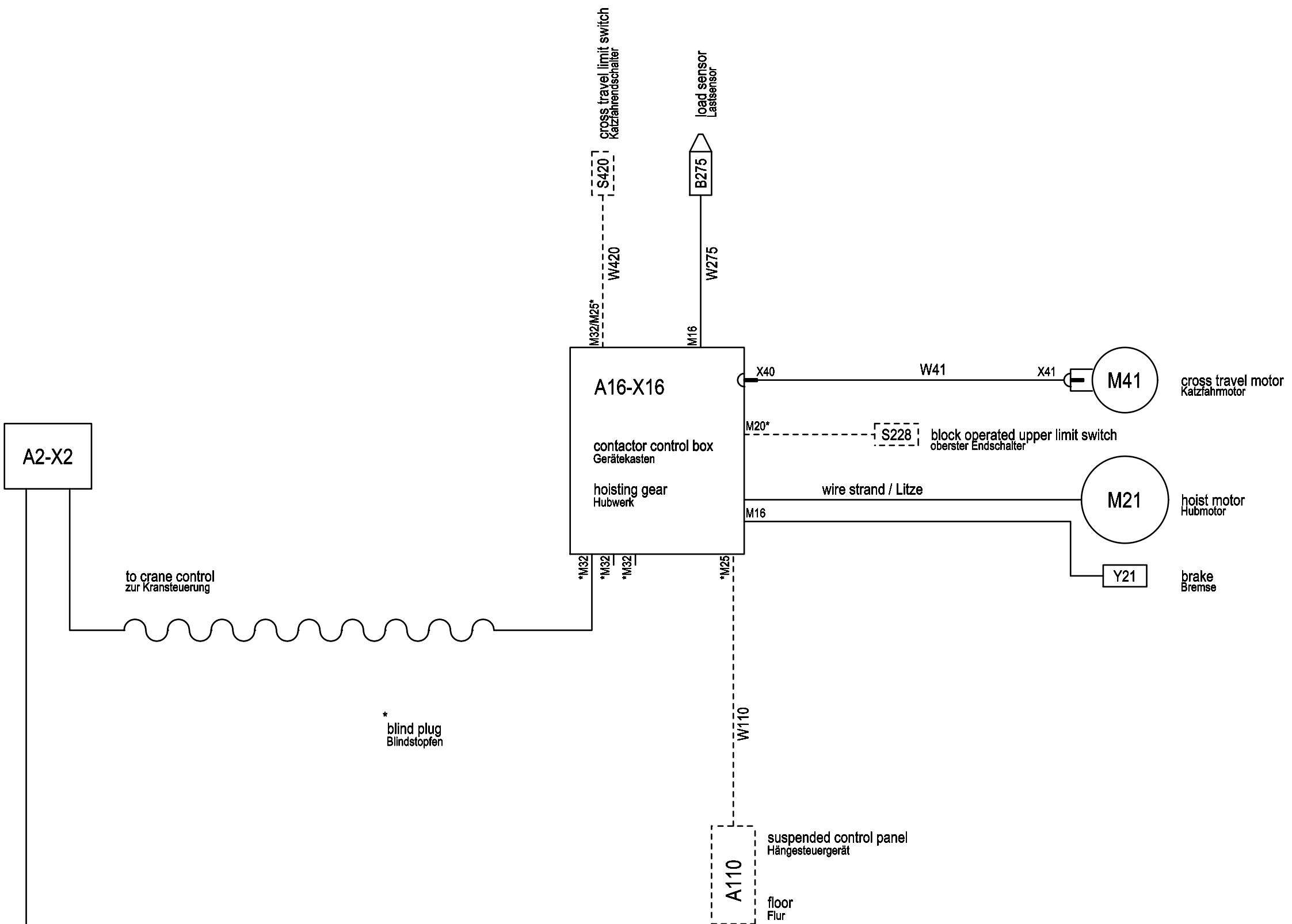
Rep. by	Rep. for	Origin
---------	----------	--------

Copyright according to DIN ISO 16016

location diagram
SH5 H71 type A SLE3
+A16

Order No. Serial No.

=	
+	
05 438 31 13 0	Page: 9
	of: 10



Changes		Date	Name		Date	Name	Copyright according to DIN ISO 16016	cable diagram SH5 H71 type A SLE3	=
		13.03.19	Schnell	Editor	23.10.17	Huhnd.			
				Proved	24.10.17	Schnell			
				Release	24.10.17	Huhnd.			
Rev.			Plot	13.03.2019	Rep. by	Rep. for	Origin	Order No.	Serial No.
									05 438 31 13 0
									Page: 10 of: 10