

Drawing number 70013732

Stromlaufplan

Control / Steuerung	SH6 (2x trolley motor)	
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 (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
08.08.2018	G-Platform	Schnell	1/1

Drawing number **70013732**
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
		21	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 **70013732**
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/M42	1		HOIST MOTOR		
+TR	-S228	1		HUBMOTOR		
+TR	-S420	1		TROLLEY MOTOR		
				KATZFAHRMOTOR		
				BLOCK OPERATED UPPER LIMT SWITCH		
				ENDSCHALTER (US)		
				TROLLEY LIMIT SWITCH		
				KATZFAHRENSCHALTER		

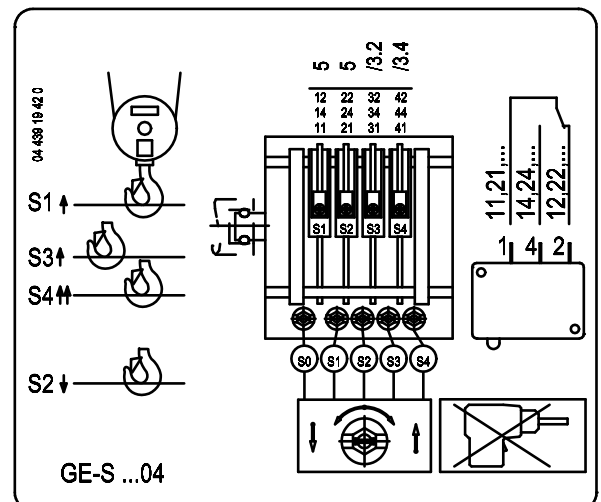
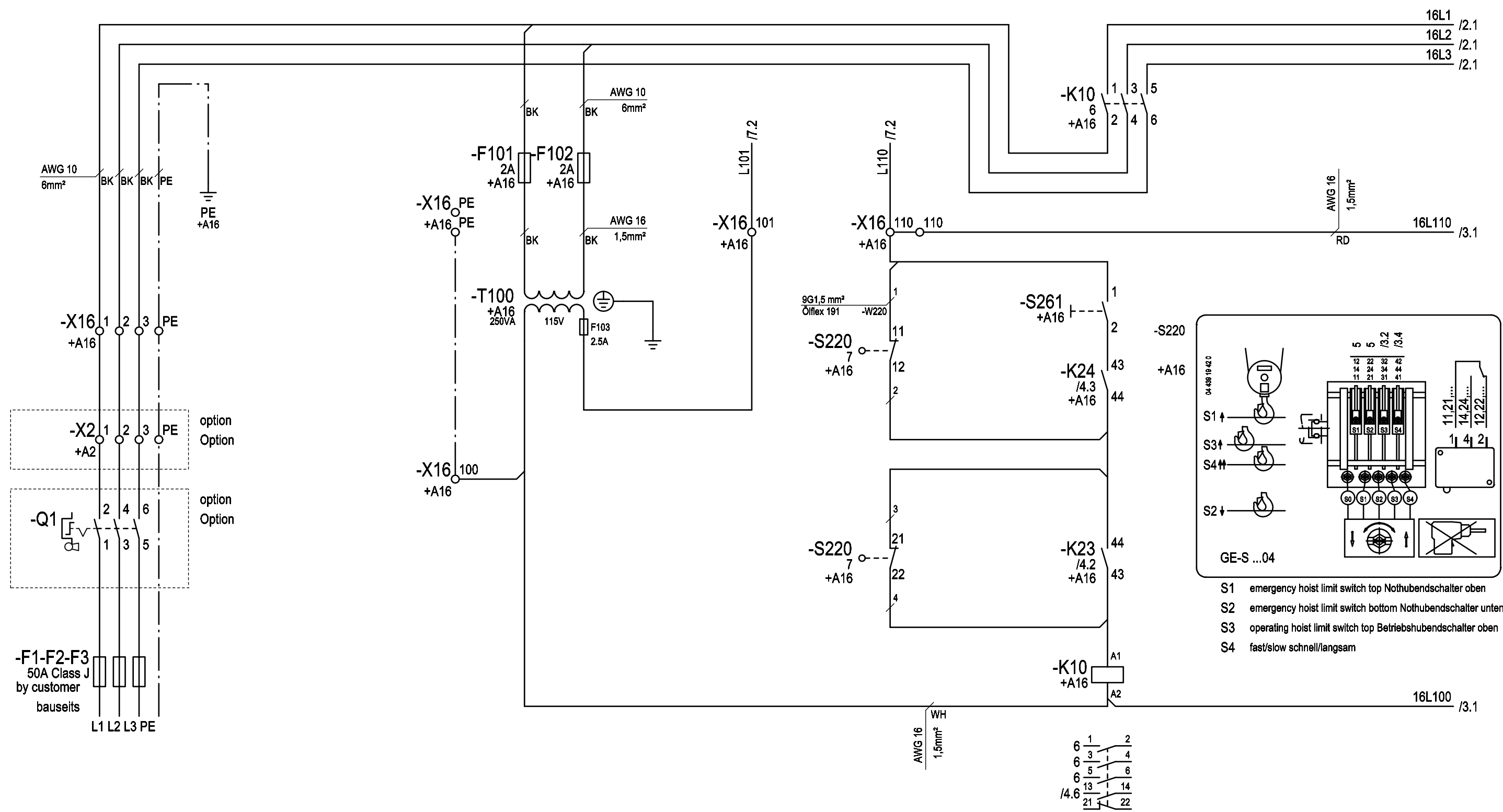
Date / Datum	Dept. / Abteilung	Designer / Bearbeiter	Page / Seite
08.08.2018	G-Platform	Schnell	2/2

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

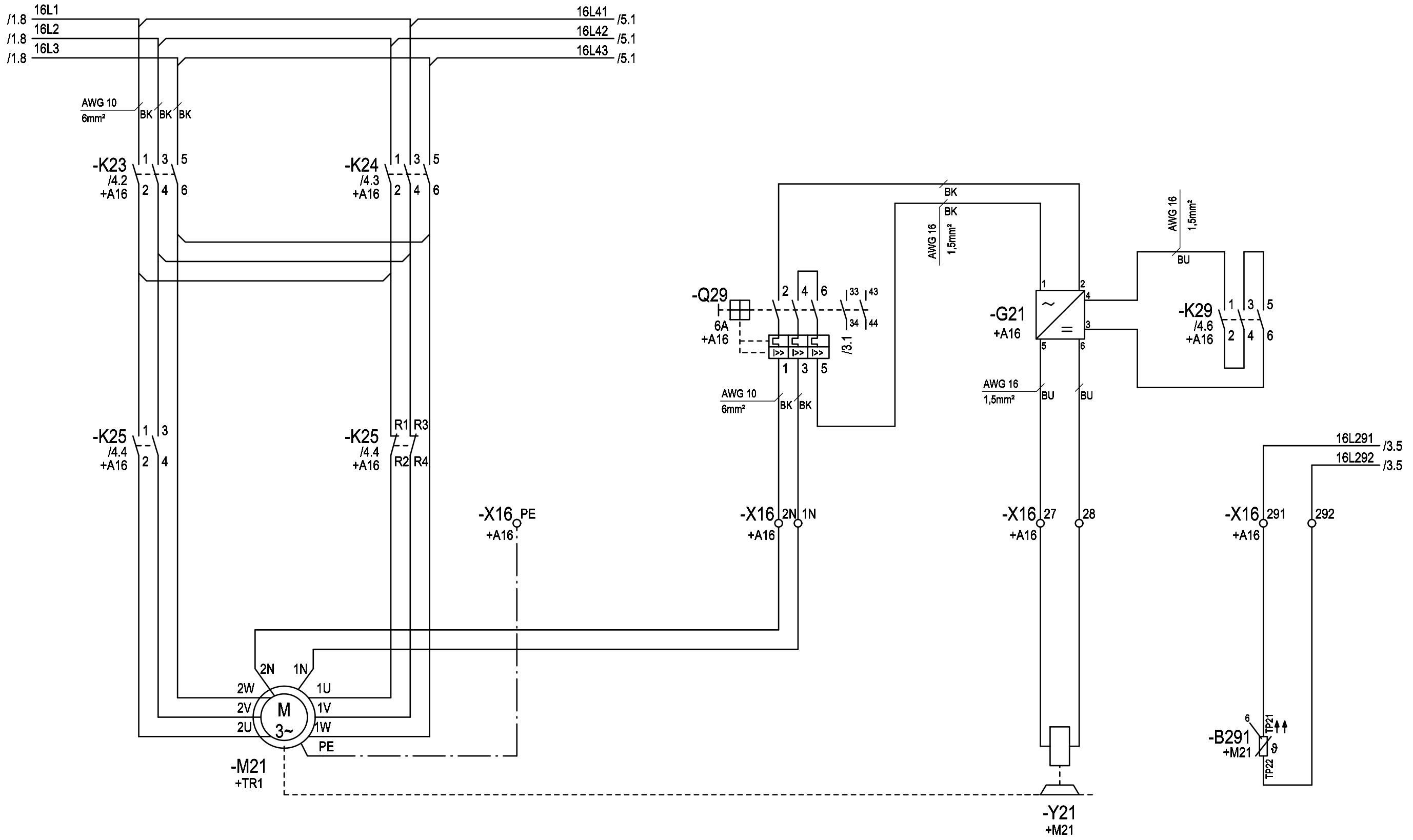
Changes	Date	Name	Date	Name
	08.08.18	Schnell	26.06.18	Huhnd.
			26.06.18	Schnell
			26.06.18	Huhnd.

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

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

=	
+	
70013732	Page: 1 of: 10

hoist motor
Hubmotor



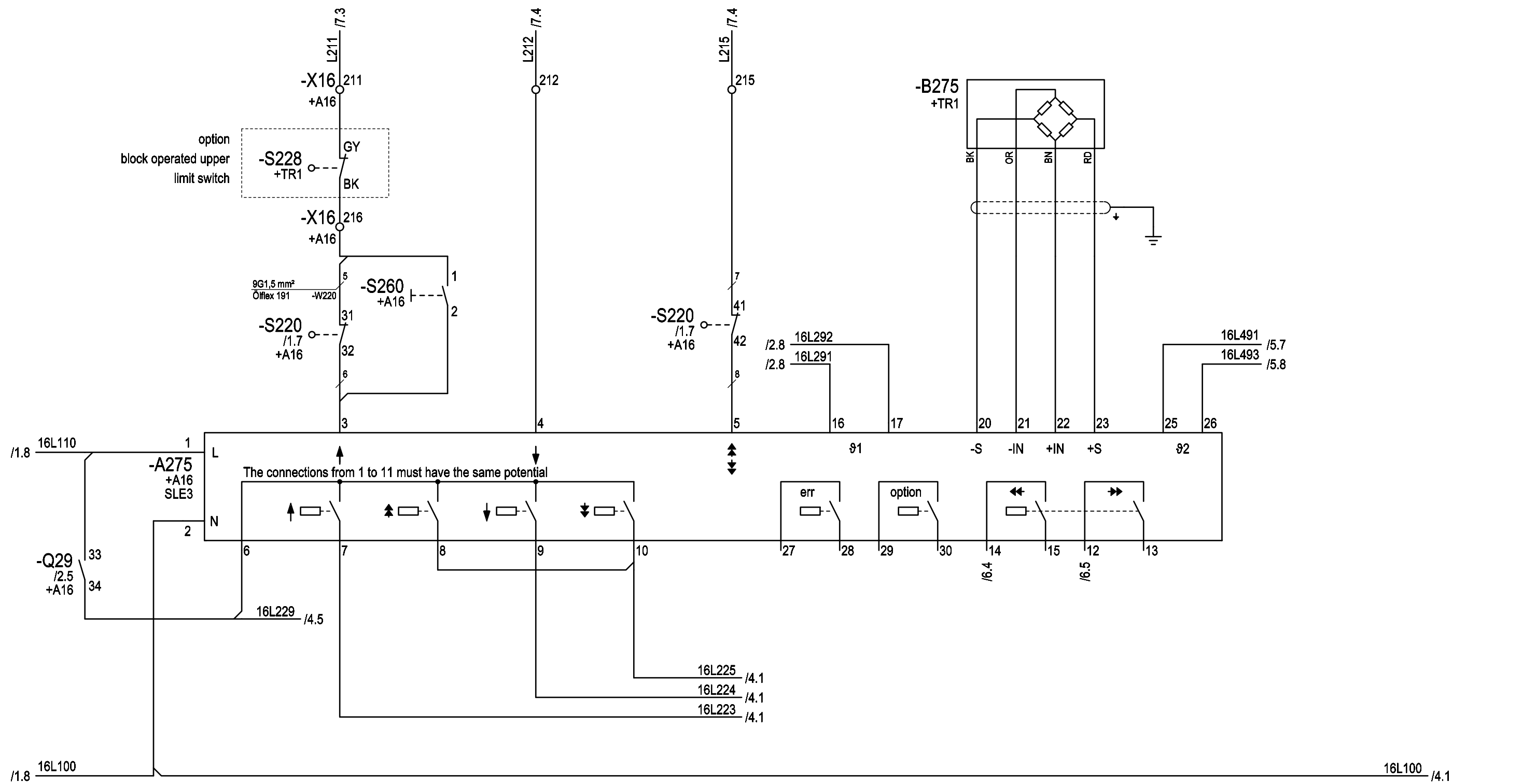
Changes	Date	Name		Date	Name	Copyright according to DIN ISO 16016	circuit diagram SH6 H72 type A SLE3 hoisting	=	+	70013732	Page: 2 of: 10
	08.08.18	Schnell	Editor	26.06.18	Huhnd.						
			Proved	26.06.18	Schnell						
			Release	26.06.18	Huhnd.						
Rev.			Plot	08.08.2018	Rep. by	Rep. for	Origin	Order No.	Serial No. xxxxxx		

hoisting
heben

lowering
senken

fast
schnell

temperature / load monitoring
Temperatur- / Lastüberwachung



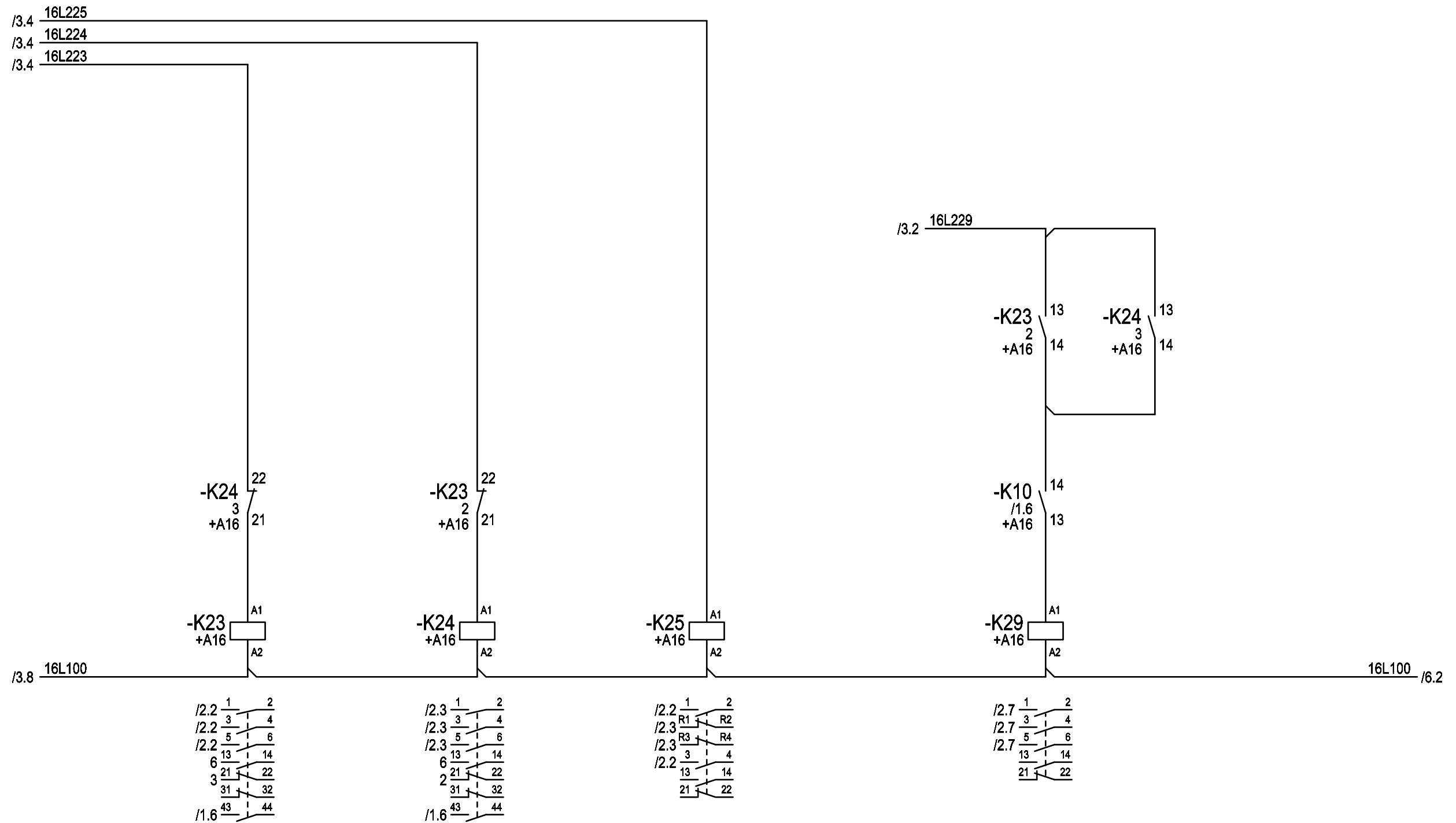
Changes	Date	Name	Date	Name
	08.08.18	Schnell	26.06.18	Huhnd.
			26.06.18	Schnell
			26.06.18	Huhnd.
Rev.		Plot	08.08.2018	Rep. by
				Rep. for
				Origin

Copyright according to DIN ISO 16016	circuit diagram SH6 H72 type A SLE3 hoisting	=
		+
Order No.	Serial No. xxxxxx	70013732
		Page: 3
		of: 10

hoisting
heben

lowering
senken

fast
schnell



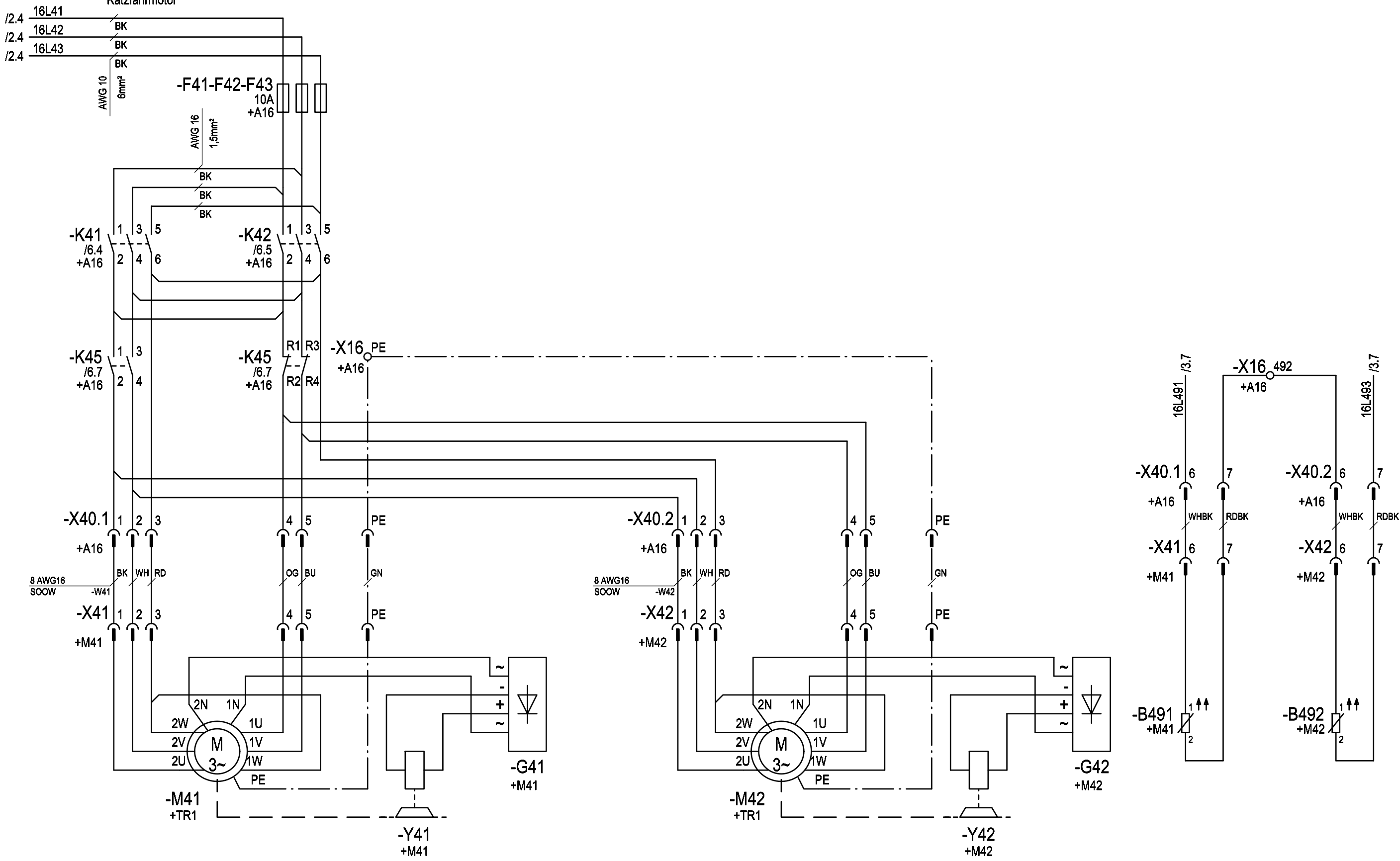
Rev.	Changes	Date	Name	Date	Name
		08.08.18	Schnell	26.06.18	Huhnd.
				26.06.18	Schnell
				26.06.18	Huhnd.
				08.08.2018	

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

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

=	
+	
70013732	Page: 4
	of: 10

cross travel motor
Katzfahrmotor



Changes	Date	Name	Date	Name
	08.08.18	Schnell	26.06.18	Huhnd.
			26.06.18	Schnell
			26.06.18	Huhnd.

Plot	08.08.2018	Rep. by	Rep. for	Origin
------	------------	---------	----------	--------

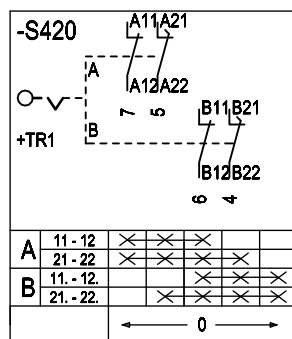
Copyright according to DIN ISO 16016

circuit diagram
SH6 H72 type A SLE3
trolley

=	
+	
70013732	Page: 5
	of: 10

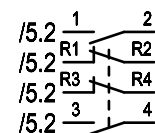
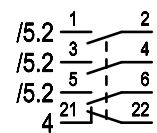
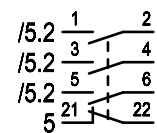
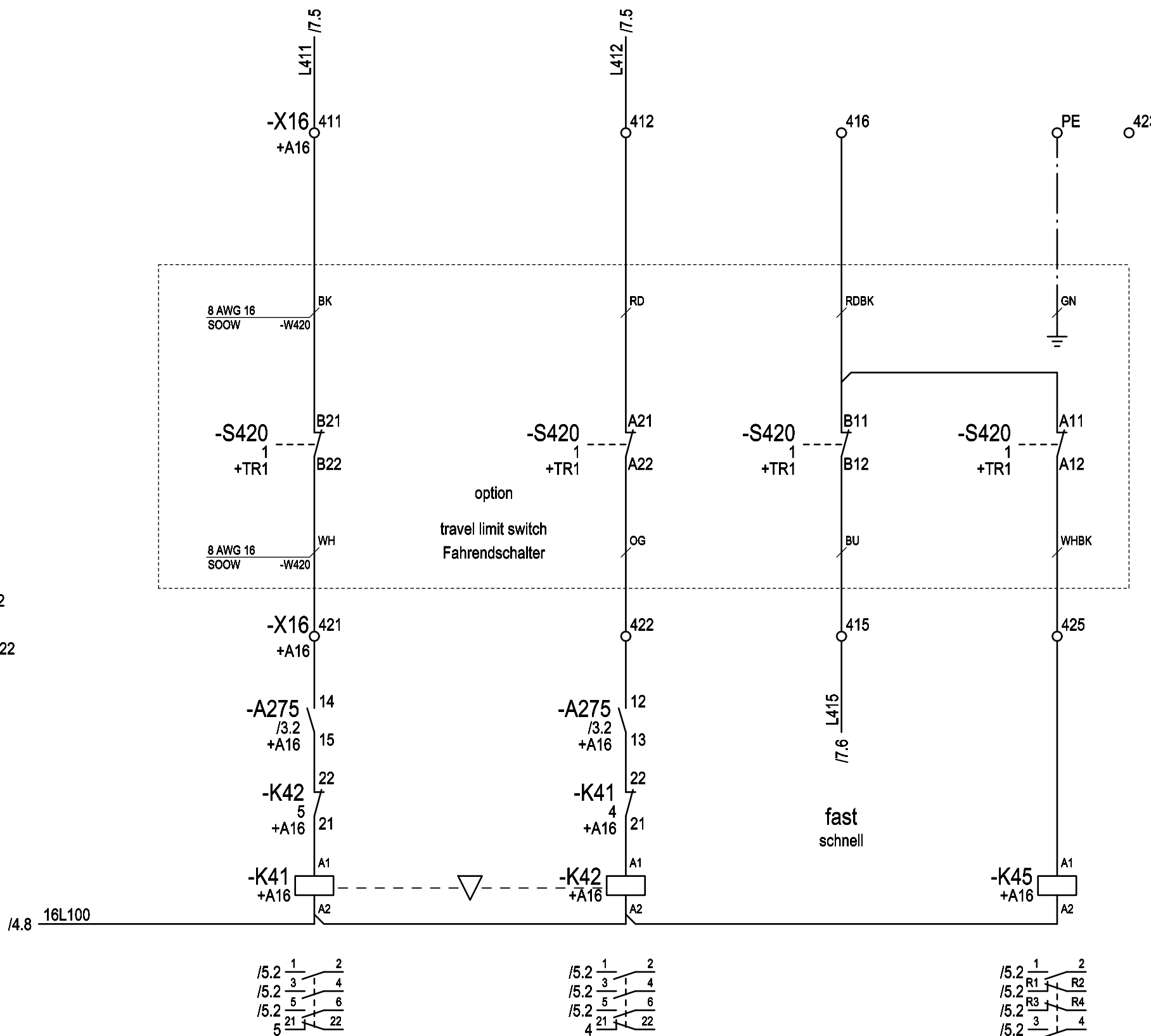
left
links

right
rechts



Attention!

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



Rev.	Changes	Date	Name	Date	Name
		08.08.18	Schnell	26.06.18	Huhnd.
				26.06.18	Schnell
				26.06.18	Huhnd.

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

Copyright according to DIN ISO 16016

circuit diagram
 SH6 H72 type A SLE3
 trolley

=	
+	
70013732	Page: 6
	of: 10

option

hoisting gear
Hubwerk

trolley traveling gear
Katzfahrwerk

emergency stop
Not-Halt

hoisting
heben

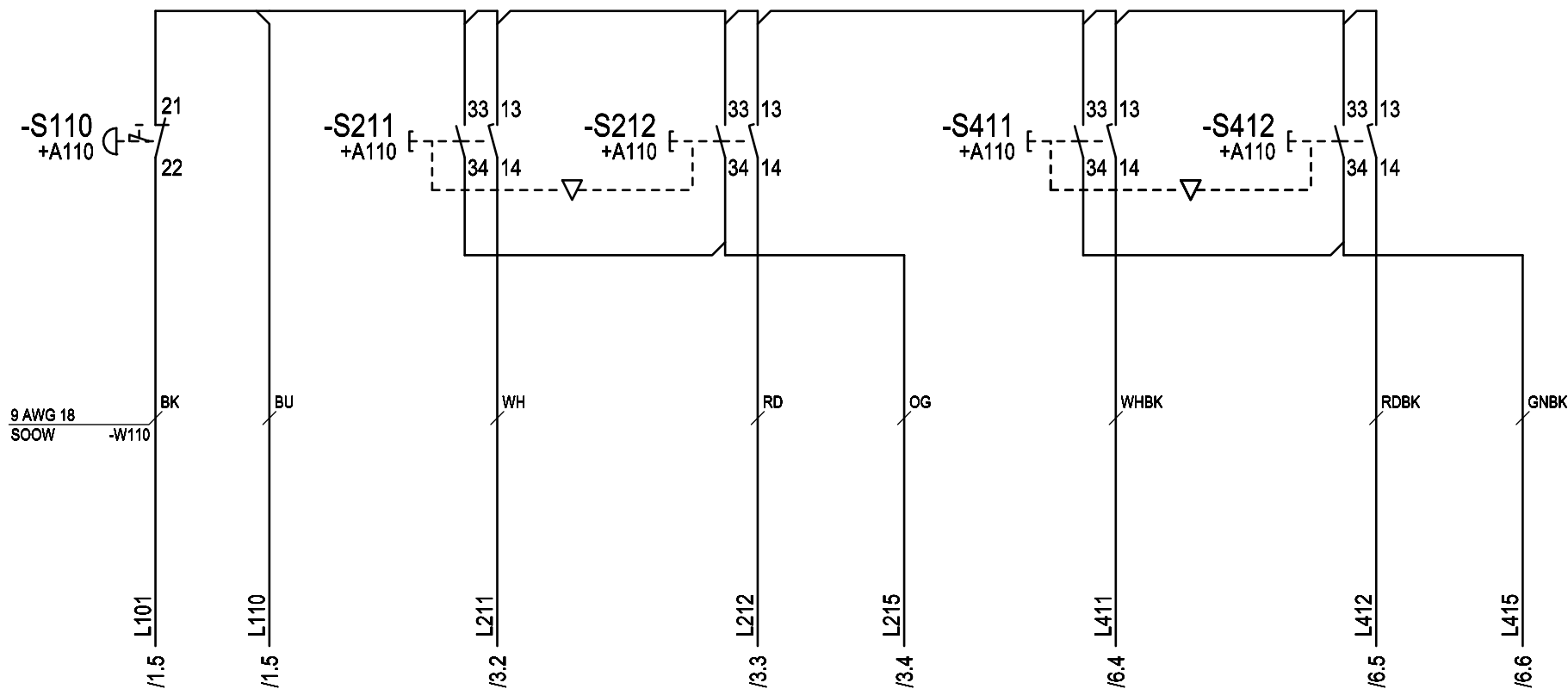
lowering
senken

fast
schnell

left
links

right
rechts

fast
schnell



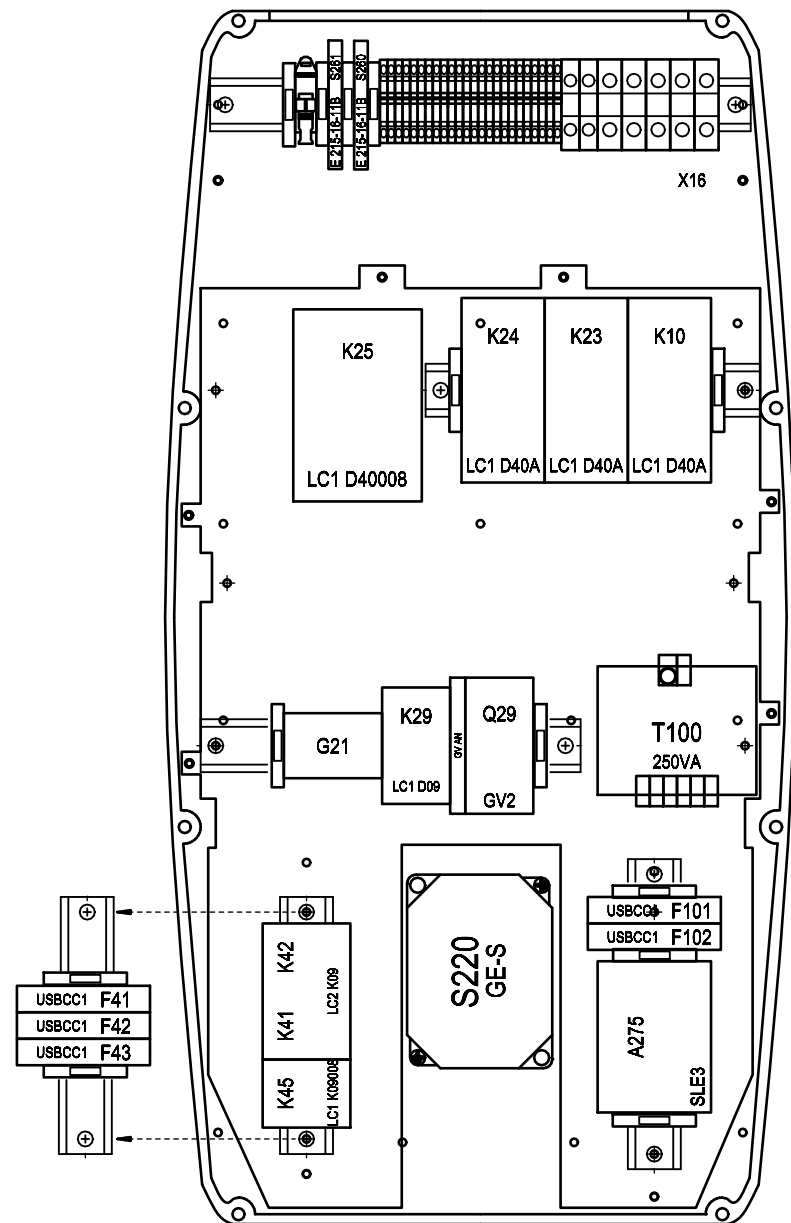
Rev.	Changes	Date	Name	Date	Name
		08.08.18	Schnell	26.06.18	Huhnd.
				26.06.18	Schnell
				26.06.18	Huhnd.

Plot	08.08.2018	Rep. by	Rep. for	Origin
------	------------	---------	----------	--------

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

=	
+	
70013732	Page: 7 of: 10

GK SH6



Changes	Date	Name	Date	Name
	08.08.18	Schnell	26.06.18	Huhnd.
			26.06.18	Schnell
			26.06.18	Huhnd.

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

Copyright according to DIN ISO 16016

location diagram
SH6 H72 type A SLE3
+A16

=
+
70013732

Rev.		Plot	08.08.2018	Order No.	Serial No. xxxxxx
------	--	------	------------	-----------	-------------------

