





# Inhaltsverzeichnis

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=1615+1774/91a		14.12.2020	GWMA	
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=1615+1774/150	Klemmenaufreihplan ===1615+1774-1X1	14.12.2020	GWMA	
=1615+1774/151	Klemmenaufreihplan ===1615+1774-1X2	14.12.2020	GWMA	

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PRS1000 PartRivetingSystem



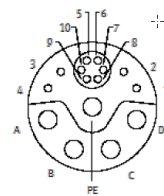
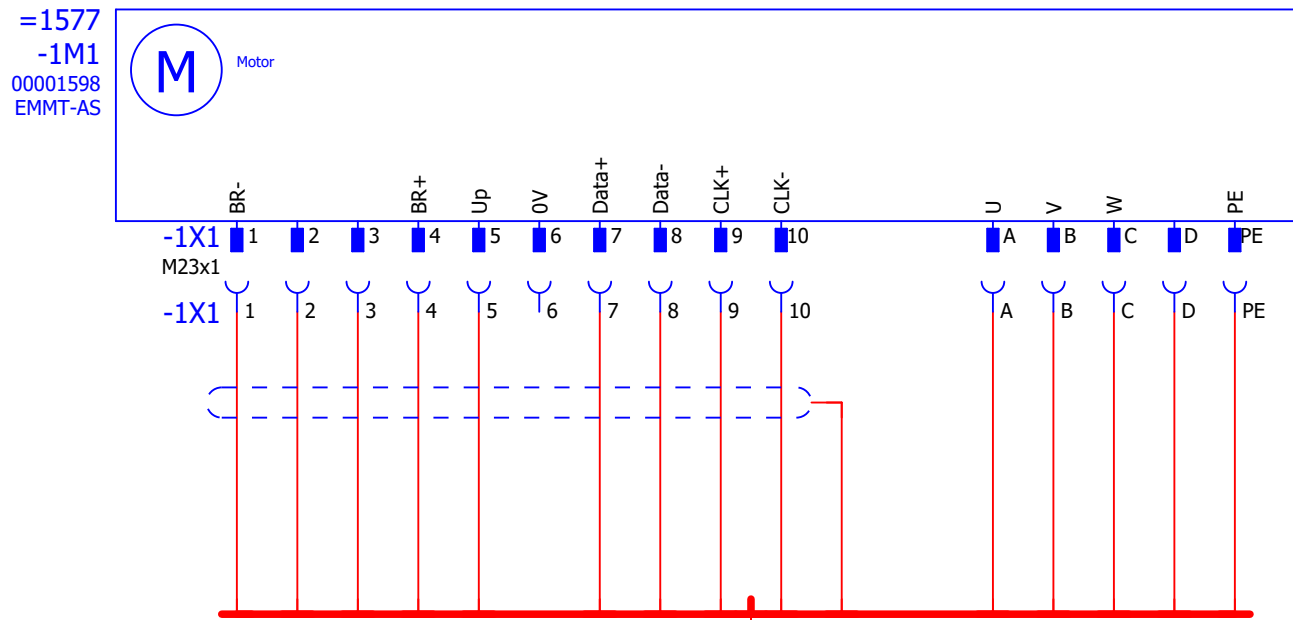
Inhaltsverzeichnis : =1615+1684/120 - =1615+1774/151

=	
+	
	Blatt 3
	Blatt 4



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X-Achse

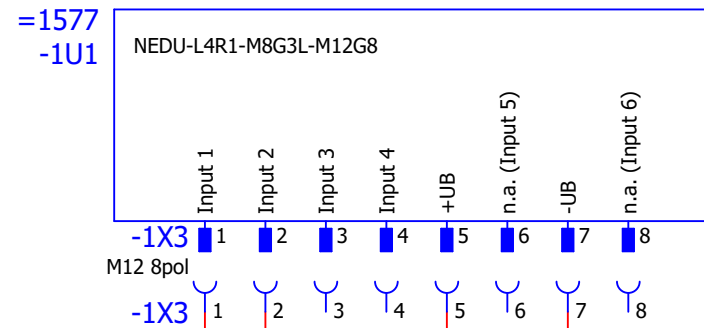


=1577  
 -1W1  
 NEBM-M23  
 10 m

X-Achse  
=1615+1774/7.2/

Controller X-Achse

X-Achse Sensoren



=1577  
 -1W2  
 SIM\_M12  
 10 m

WH BN GY BU

X-Achse\_ES0  
 =1615+1774/7.6/

X-Achse\_ES1  
 =1615+1774/7.6/

+UB  
 =1615+1774/7.7/

-UB  
 =1615+1774/7.7/

Controller X-Achse

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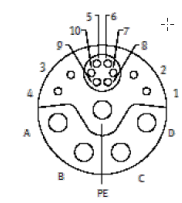
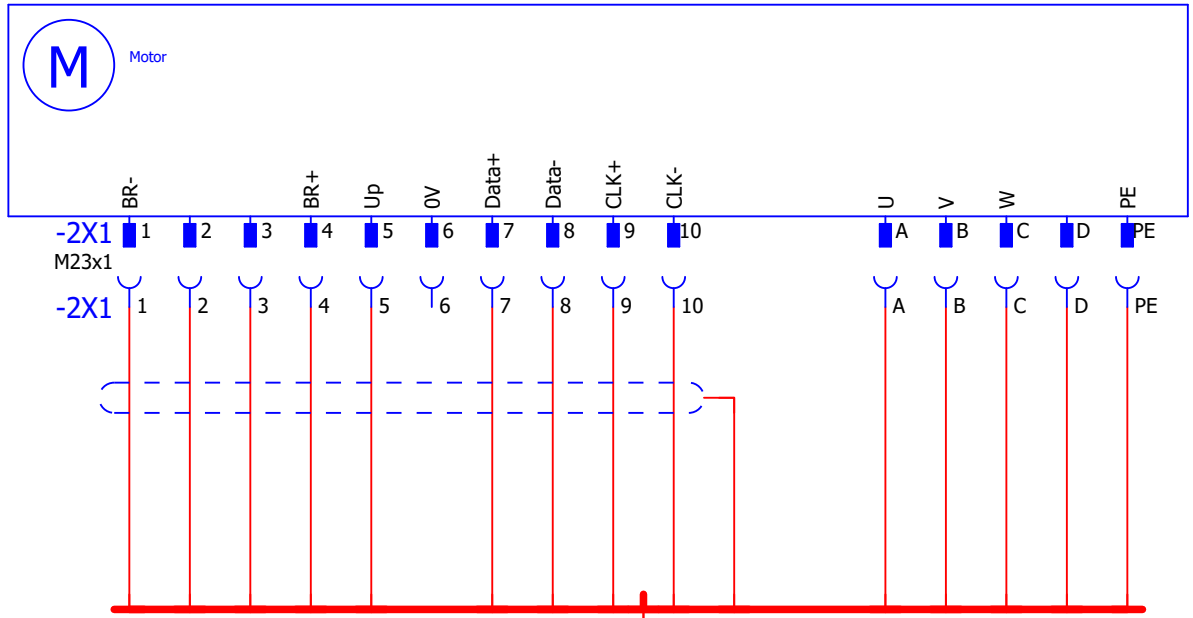
Handlingmodul  
 Handlingmodul X-Achse

= 1577  
 +

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### Y-Achse

=1577  
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00001768  
EMMT-AS



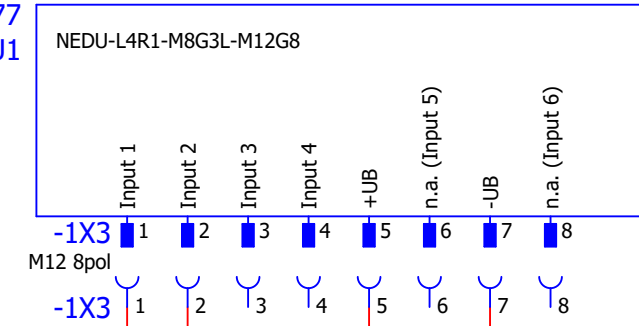
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Y-Achse  
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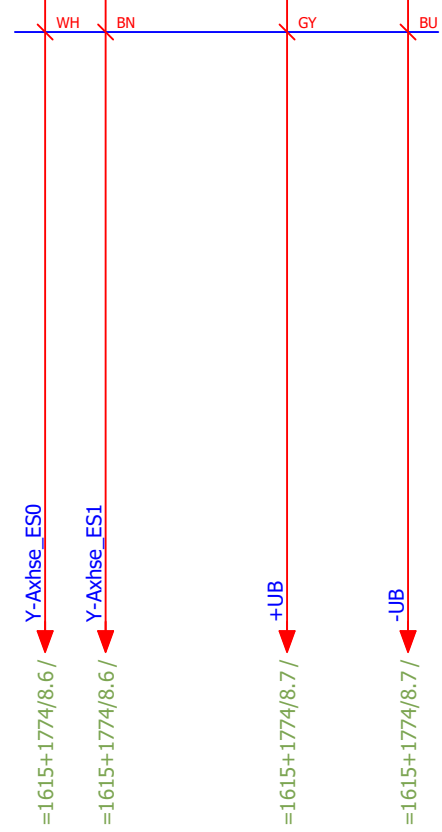
Controller Y-Achse

### X-Achse Sensoren

=1577  
-1U1



=1577  
-2W2  
SIM\_M12  
10 m



Controller Y-Achse

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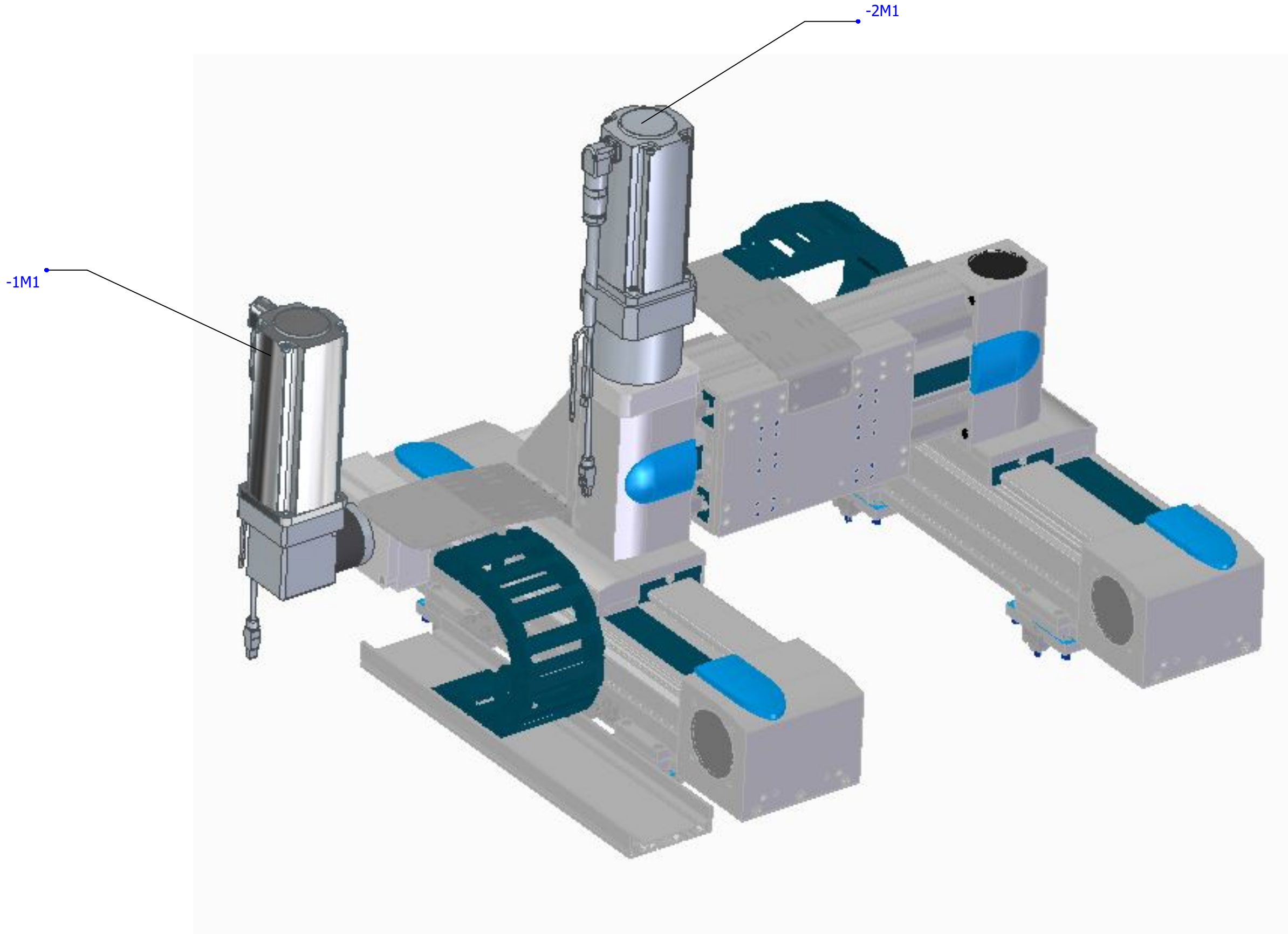


Handlingmodul  
Handlingmodul Y-Achse

= 1577  
+



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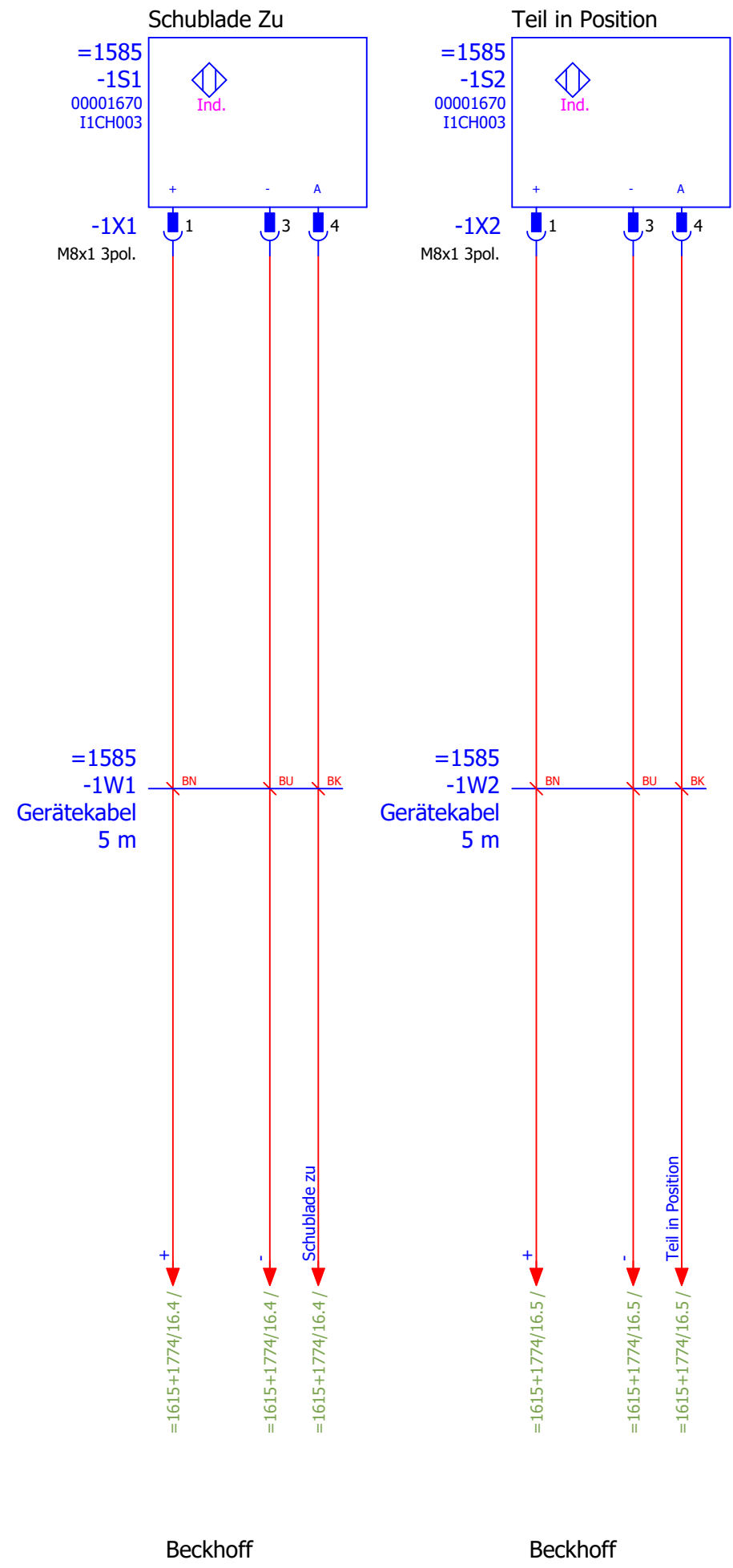
Handlingmodul  
 Handlingmodul

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		Blatt	70
		Blatt	100





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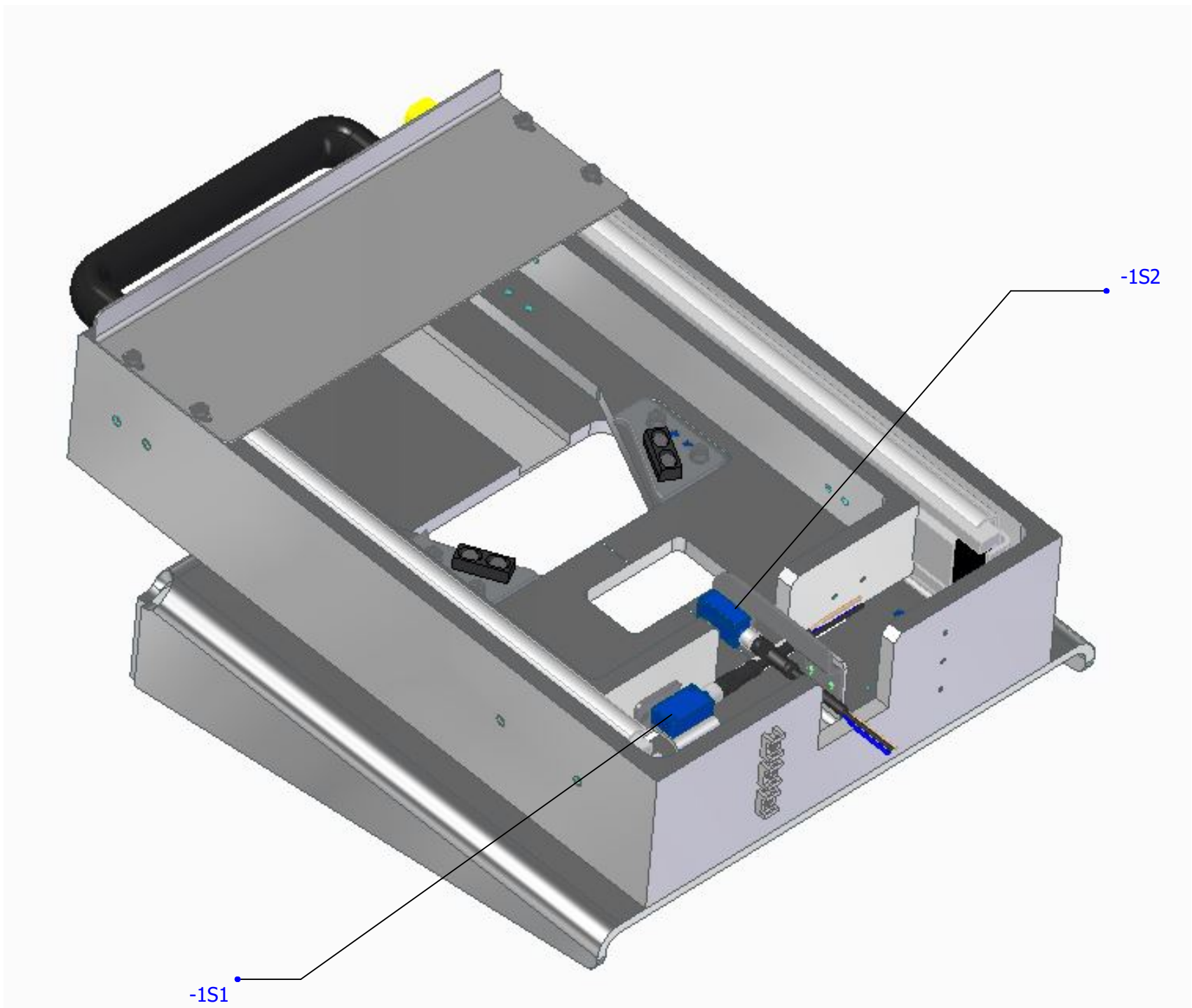
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Teile Schublade  
 Teile Schublade

= 1585	
+	
	Blatt 1
	Blatt 100

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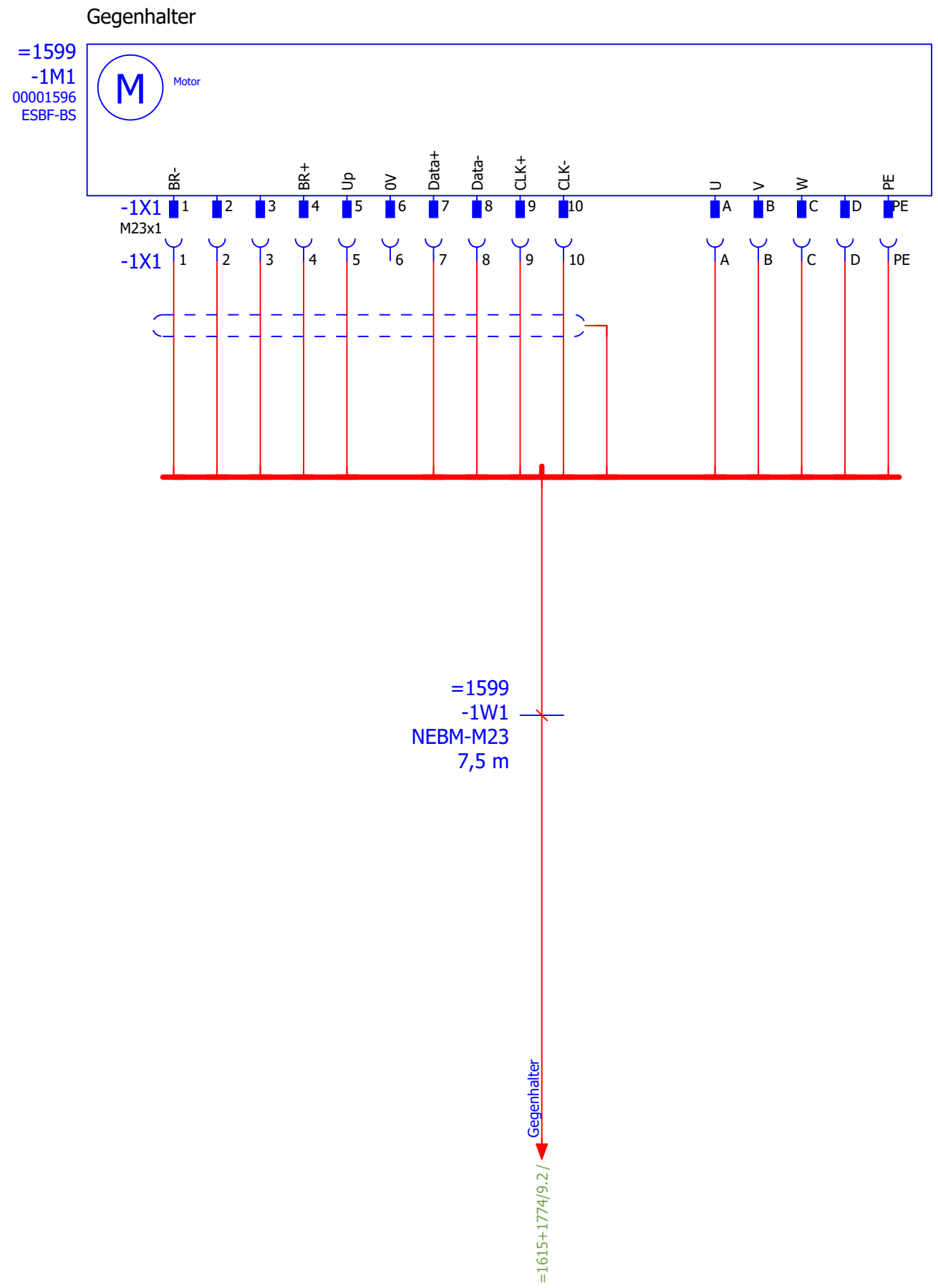


Teile Schublade  
 Teile Schublade

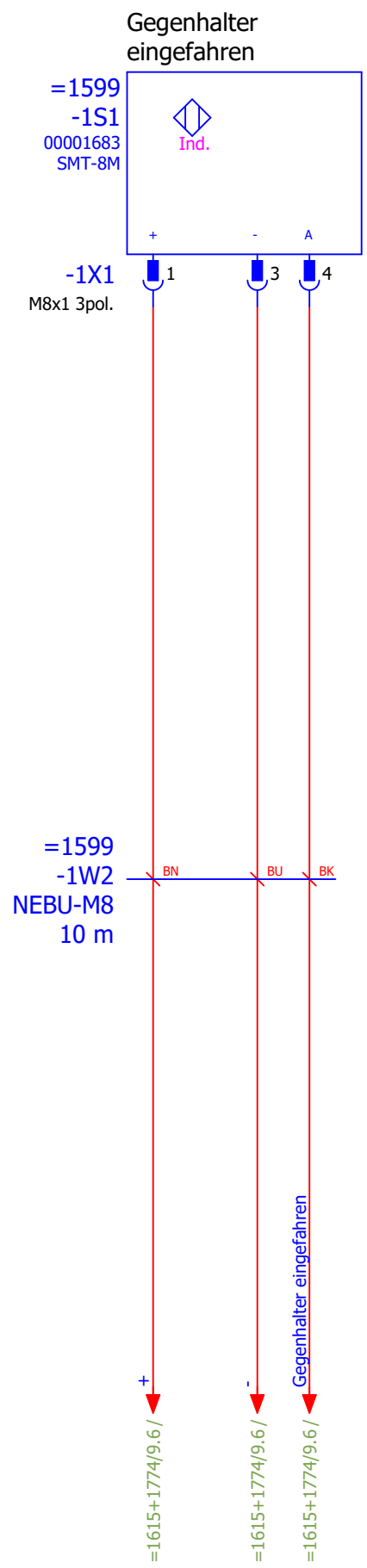
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			+	
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				Blatt 100



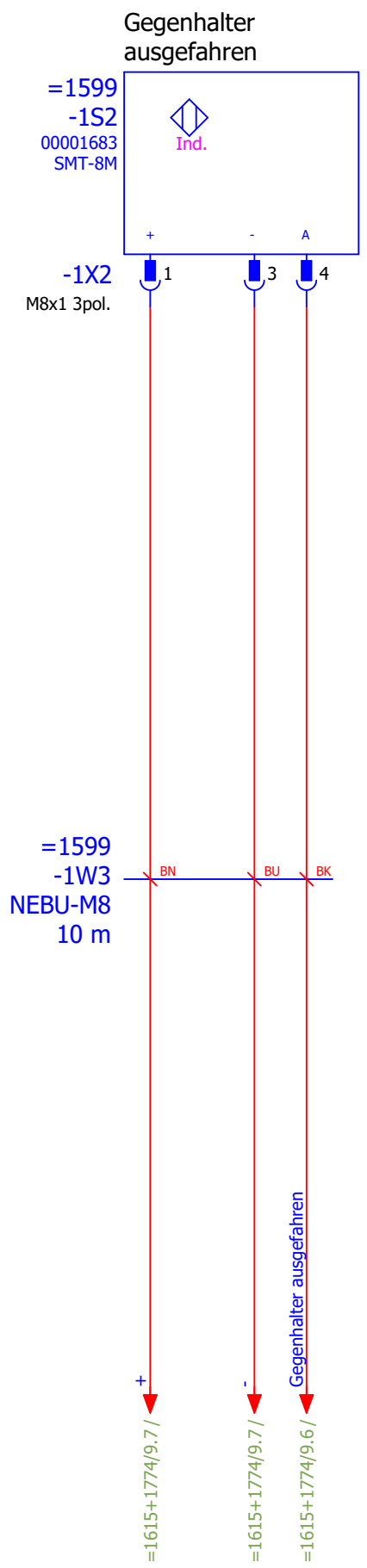
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Controller Gegenhalter



Controller Gegenhalter



Controller Gegenhalter

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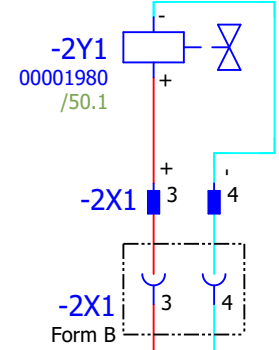


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Gegenhalter

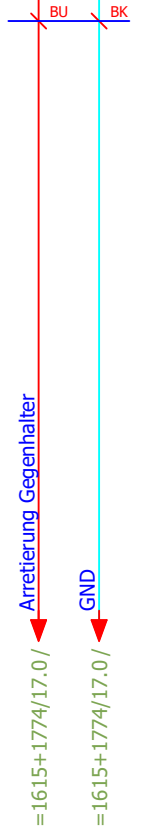
= 1599	
+	
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	Blatt 140

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Arretierung Gegenhalter

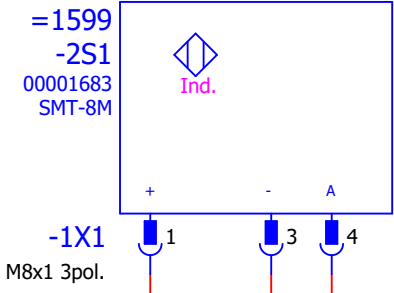


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5 m



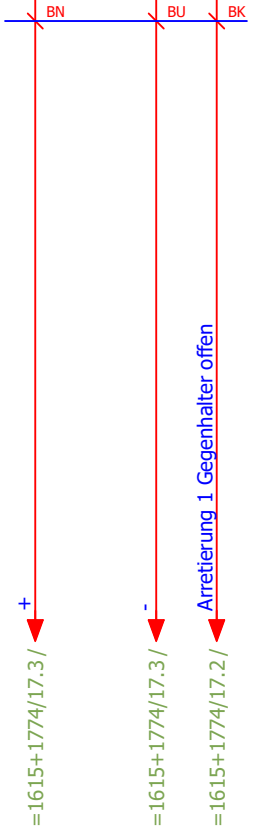
Beckhoff

Arretierung 1  
Gegenhalter offen



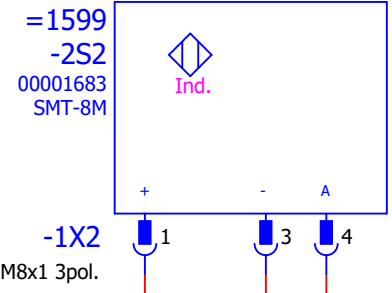
-1X1  
M8x1 3pol.

=1599  
-2W2  
NEBU-M8  
10 m



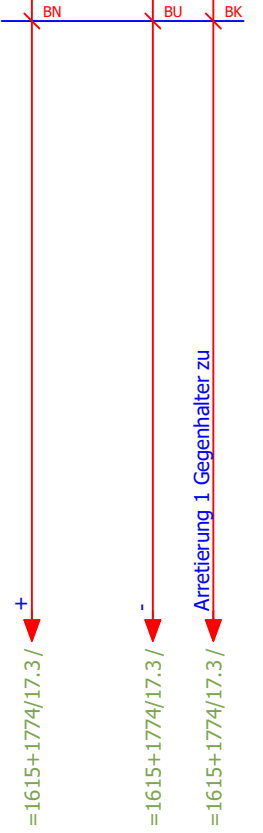
Beckhoff

Arretierung 1  
Gegenhalter zu



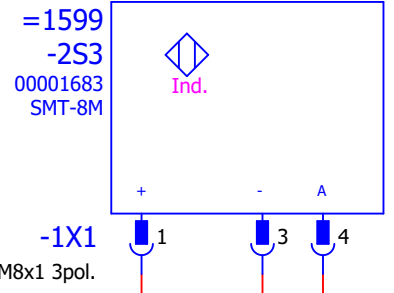
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M8x1 3pol.

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-2W3  
NEBU-M8  
10 m



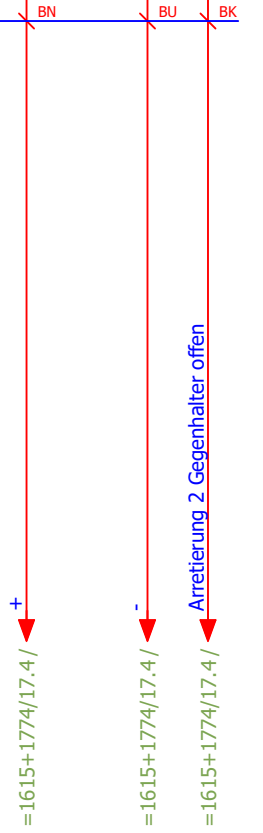
Beckhoff

Arretierung 2  
Gegenhalter offen



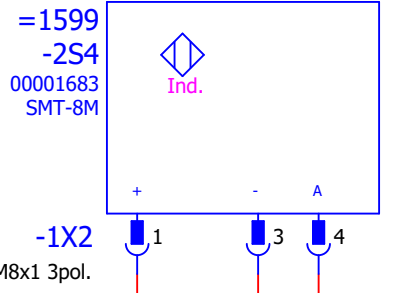
-1X1  
M8x1 3pol.

=1599  
-2W4  
NEBU-M8  
10 m



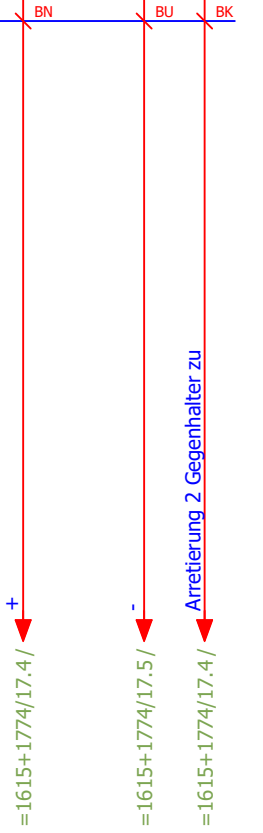
Beckhoff

Arretierung 2  
Gegenhalter zu



-1X2  
M8x1 3pol.

=1599  
-2W5  
NEBU-M8  
10 m



Beckhoff

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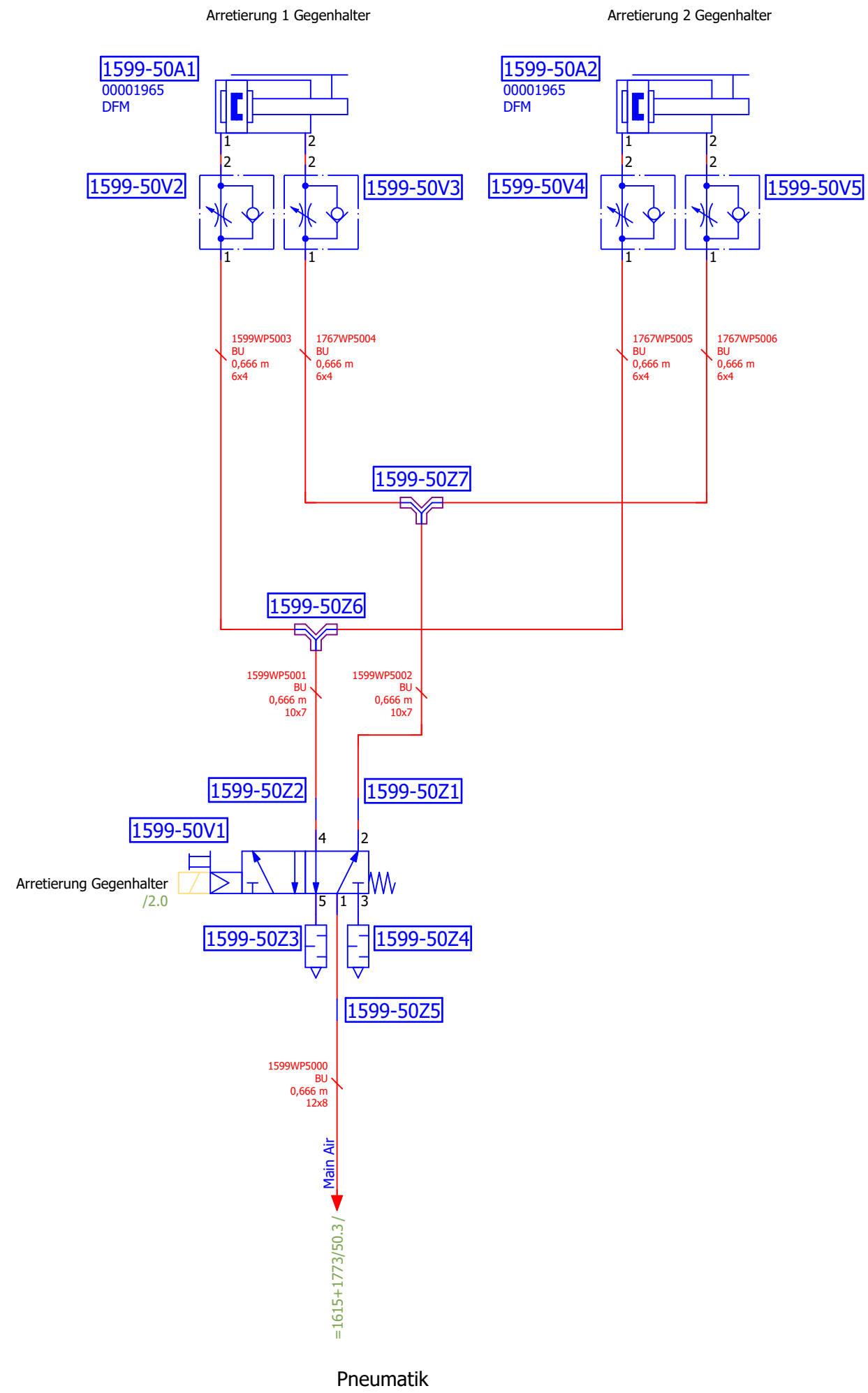
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Gegenhalter  
Gegenhalter

= 1599	
+	
	Blatt 2
	Blatt 140

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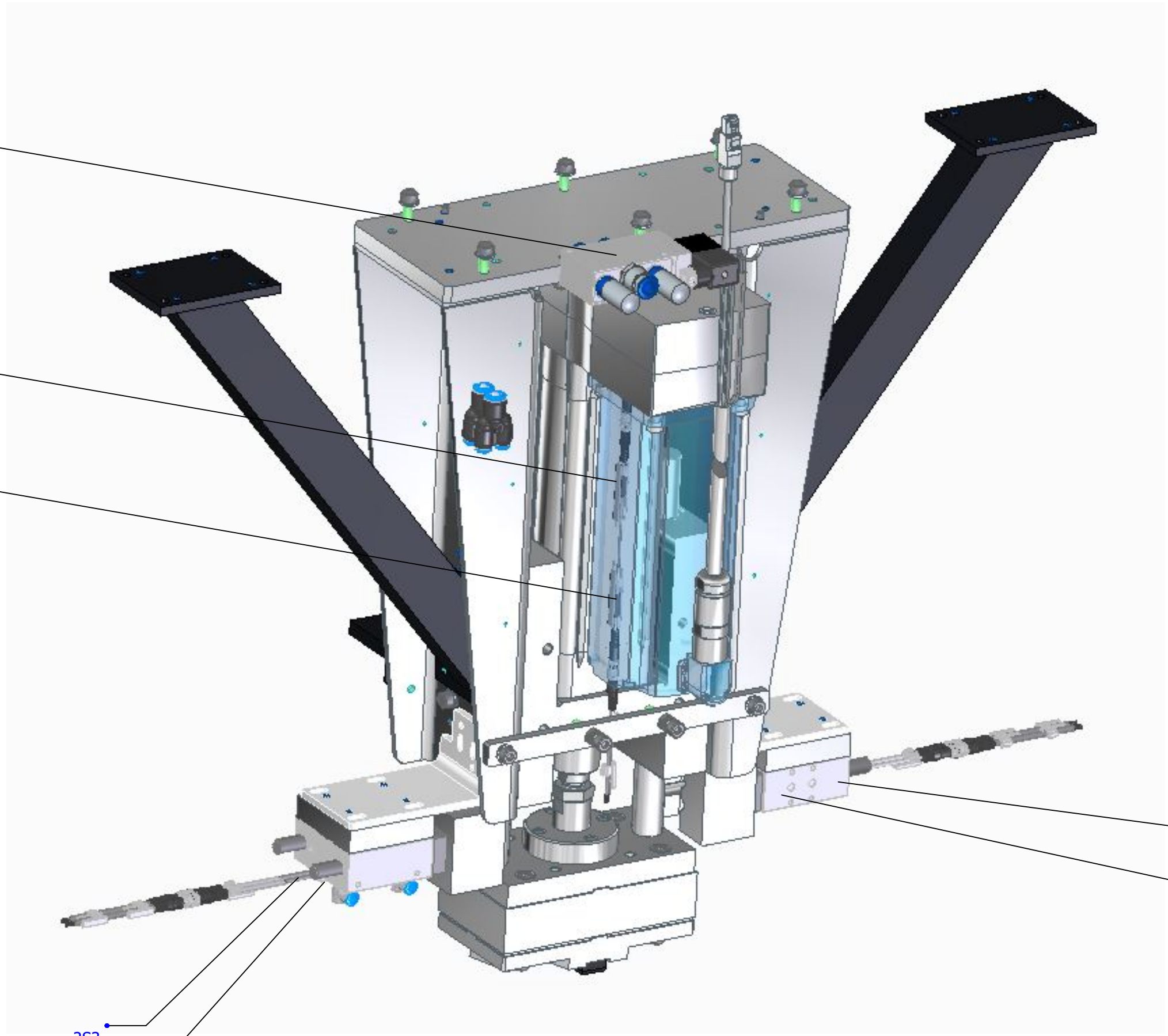


Gegenhalter  
Gegenhalter

= 1599	
+	
Blatt	50
Blatt	140



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1599-50V1

-1S1

-1S2

-2S1

-2S2

-2S3

-2S4

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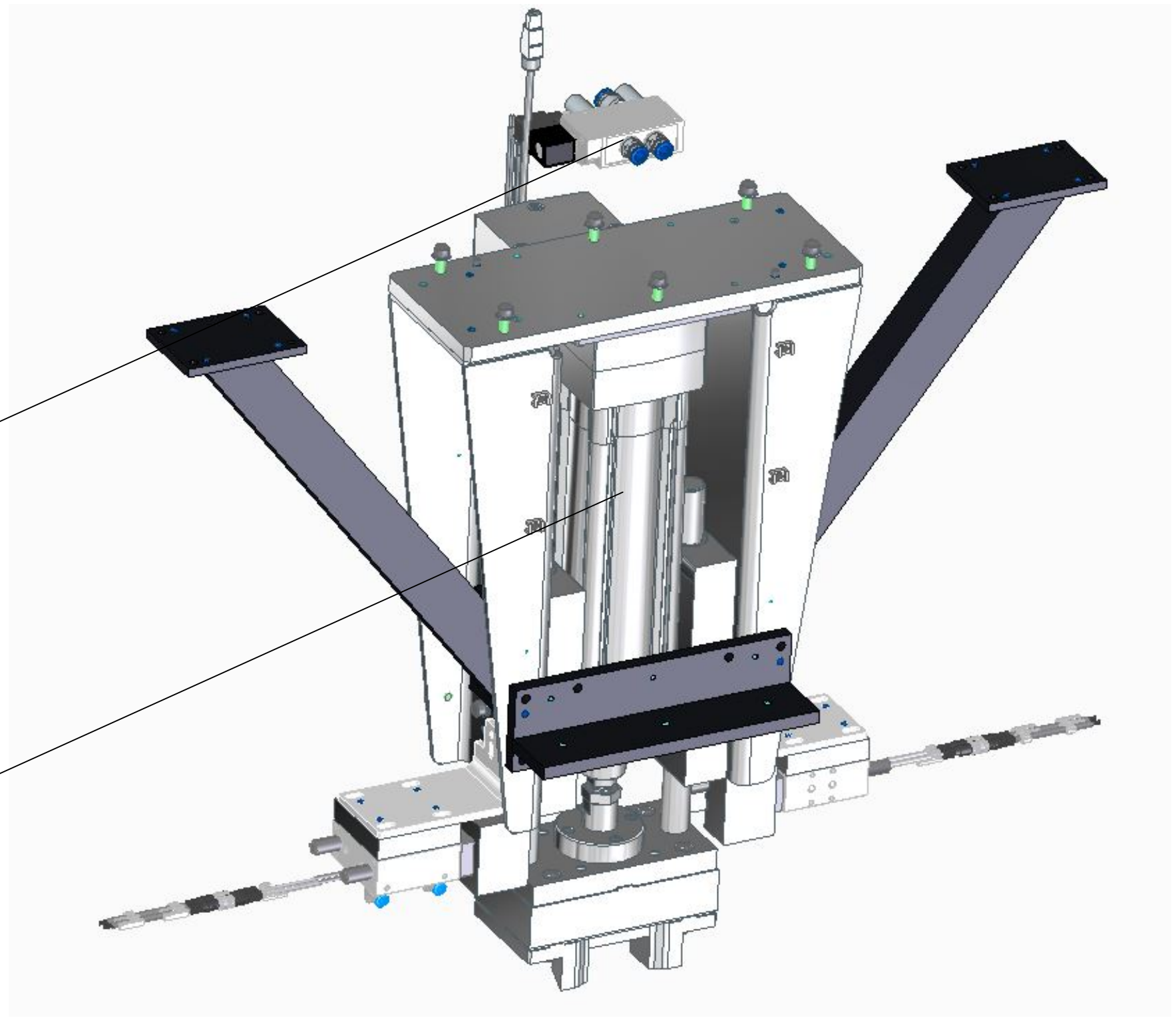
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Gegenhalter  
Gegenhalter

= 1599  
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Gegenhalter  
Gegenhalter

		= 1599
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	Blatt	71
	Blatt	140





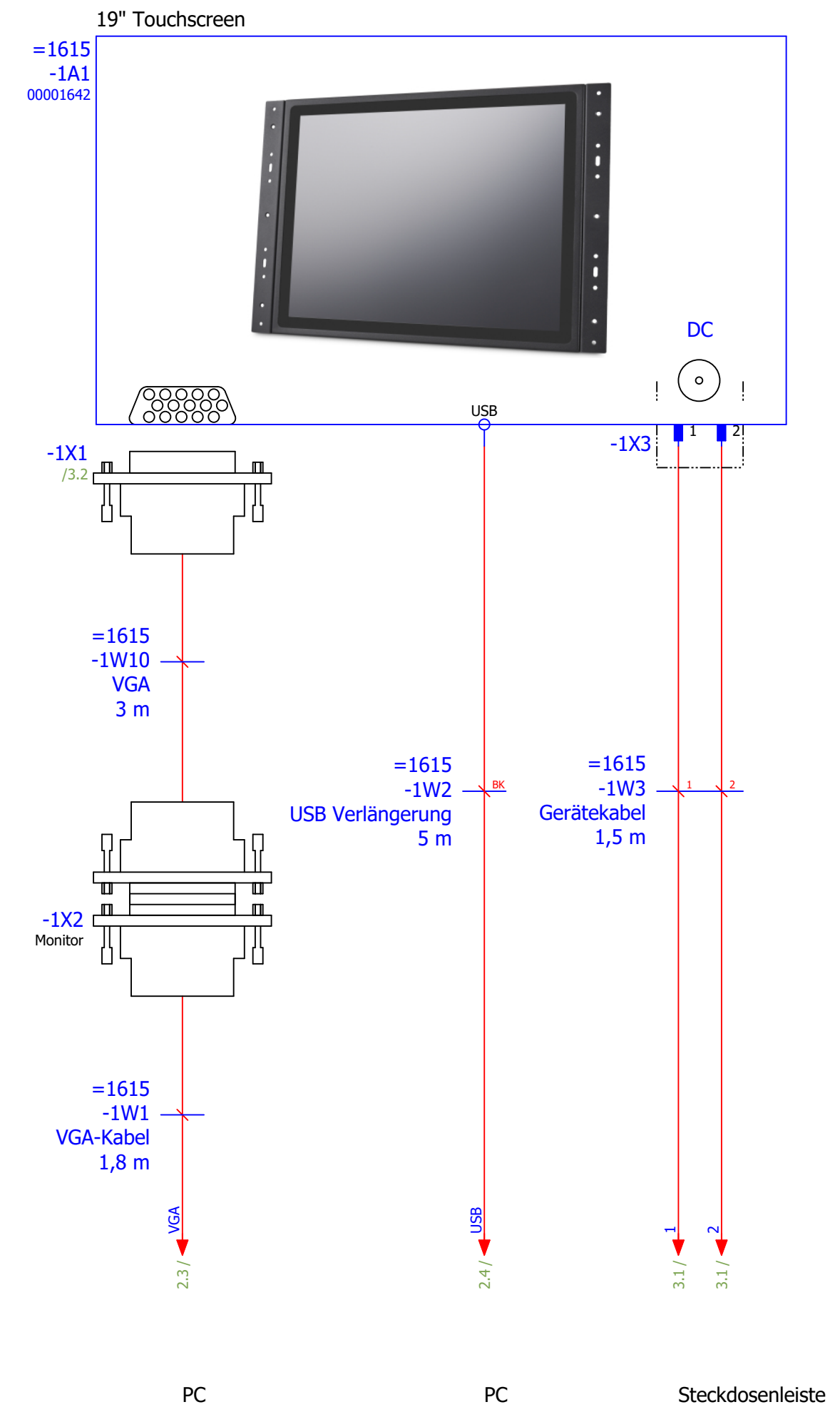








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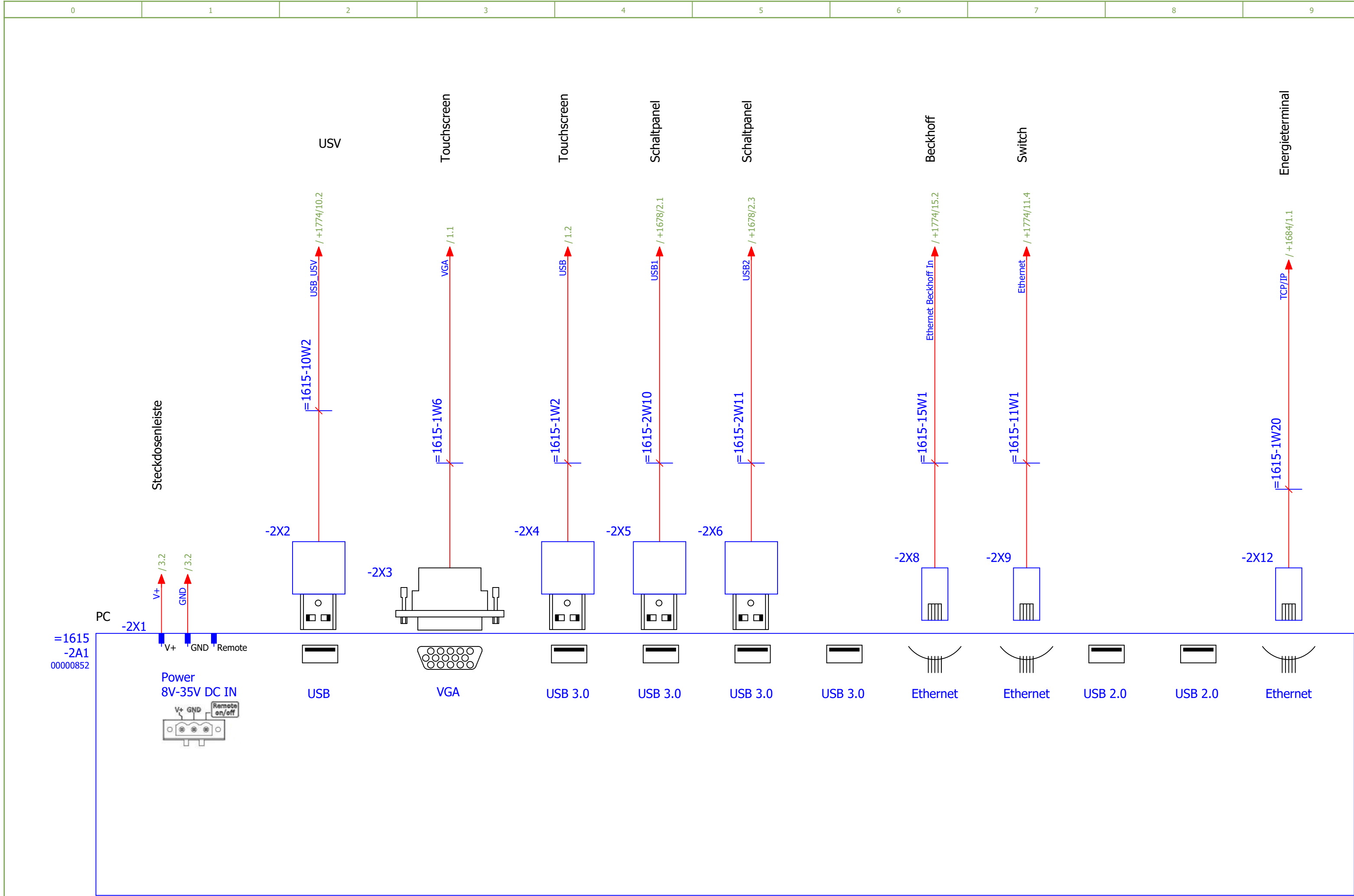
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Electronic Interface  
Touchscreen

= 1615	
+	
	Blatt 1
	Blatt 100

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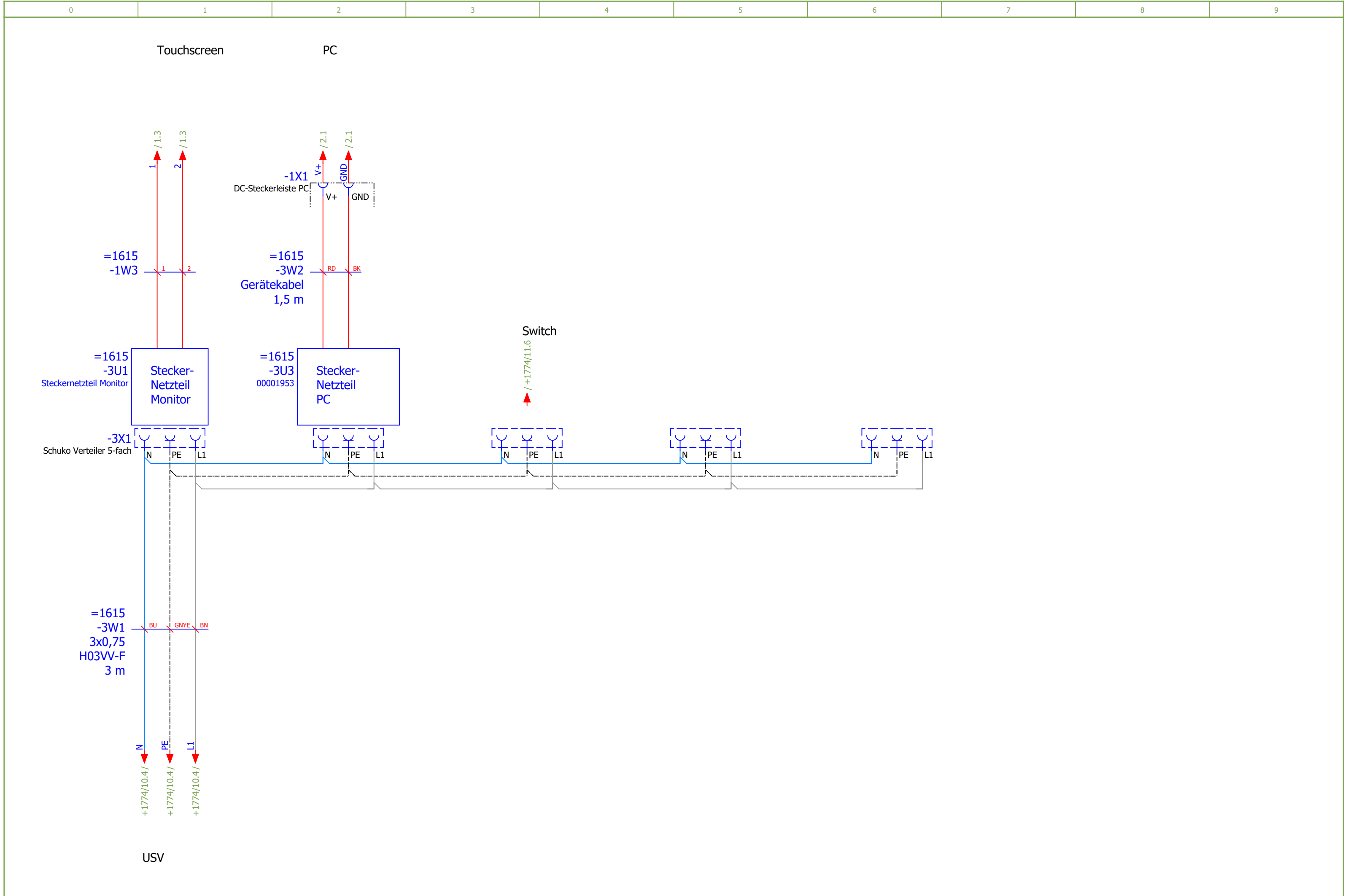
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Electronic Interface  
 PC

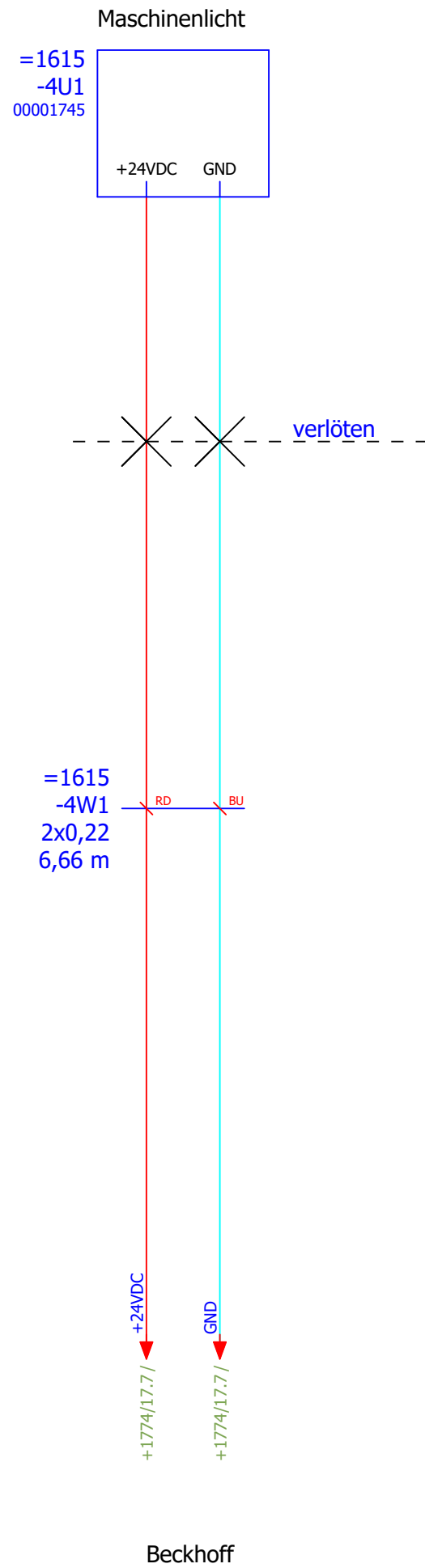
= 1615	Blatt	2
+	Blatt	100

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			Datum	14.12.2020	PRS1000 PartRivetingSystem	 Maschinenbau   Anlagentechnik   Anlagenbau	<b>Electronic Interface</b> Steckdosenleiste	= 1615	+		Blatt	3
		Bearb.	GWMA	Blatt							100	
		Gepr.	25.11.2020									
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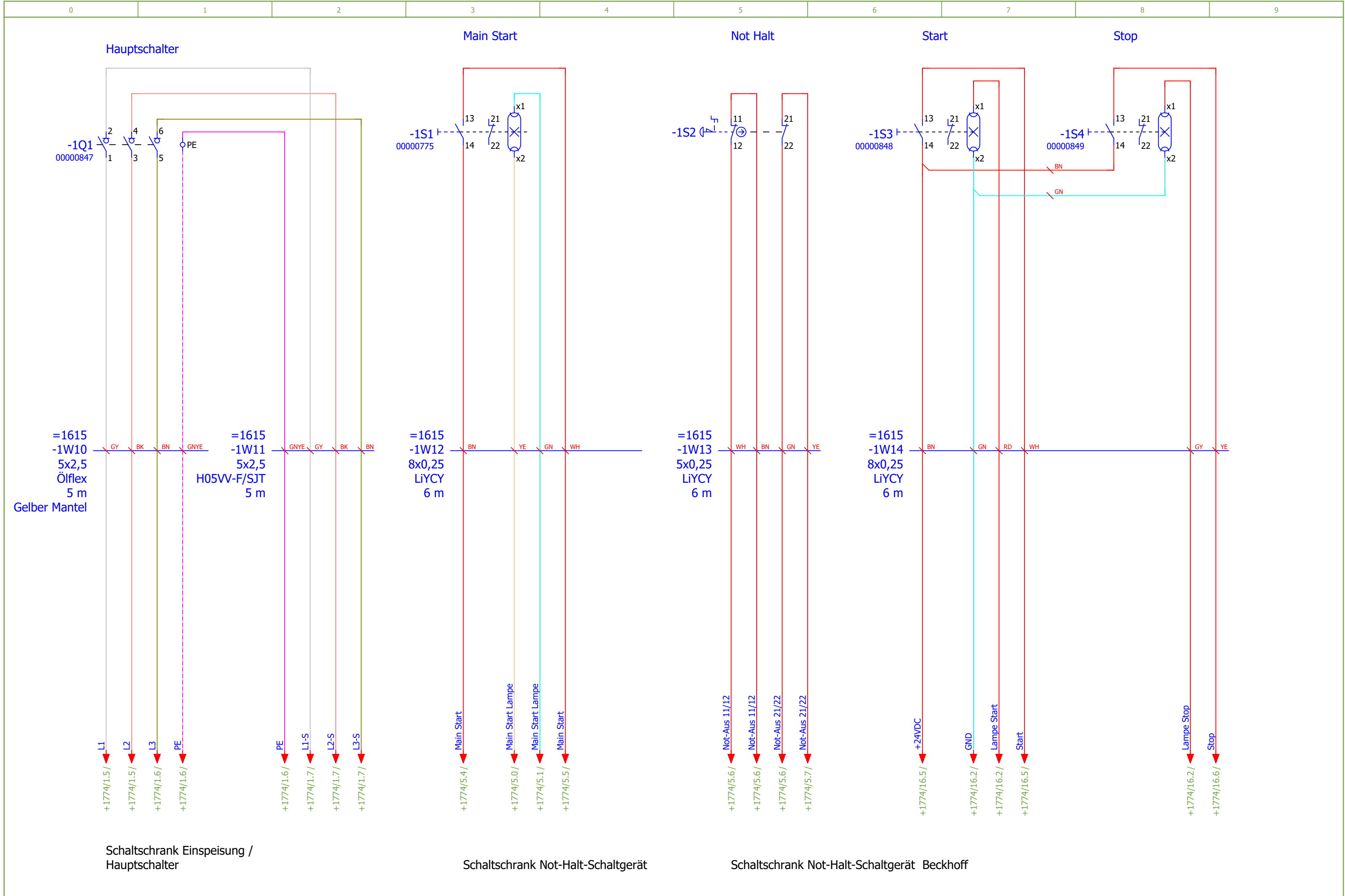


Electronic Interface  
Maschinenlicht

		= 1615	
		+	
			Blatt 4
			Blatt 100



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Schaltschrank Einspeisung / Hauptschalter

Schaltschrank Not-Halt-Schaltgerät

Schaltschrank Not-Halt-Schaltgerät Beckhoff

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			Gepr.	25.11.2020

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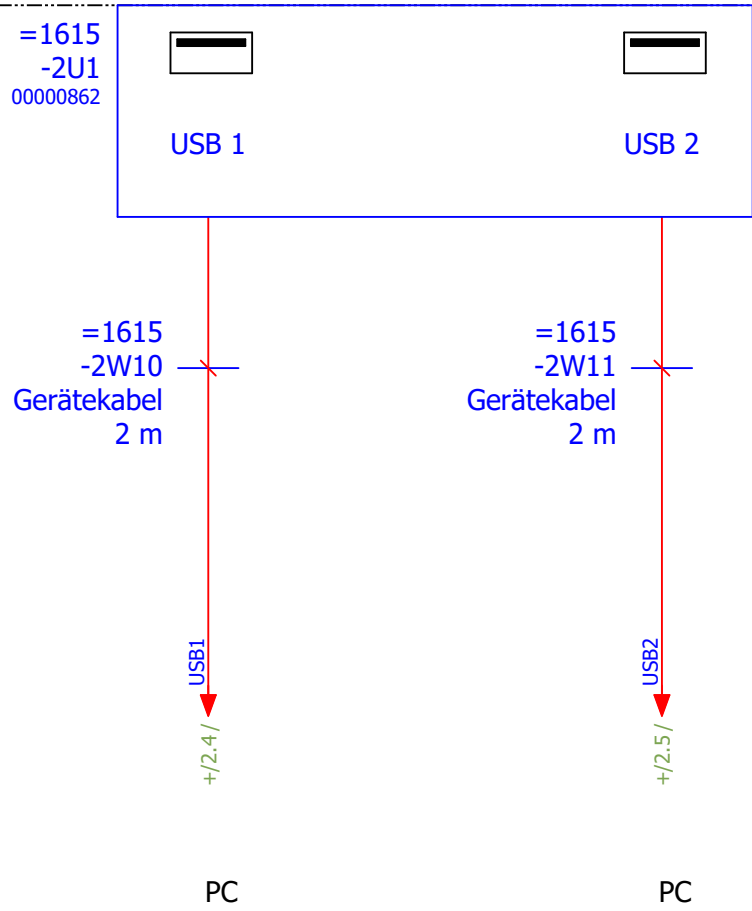
Electronic Interface  
Schaltpanel

	= 1615	Blatt	1
	+ 1678	Blatt	100



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Schaltpanel



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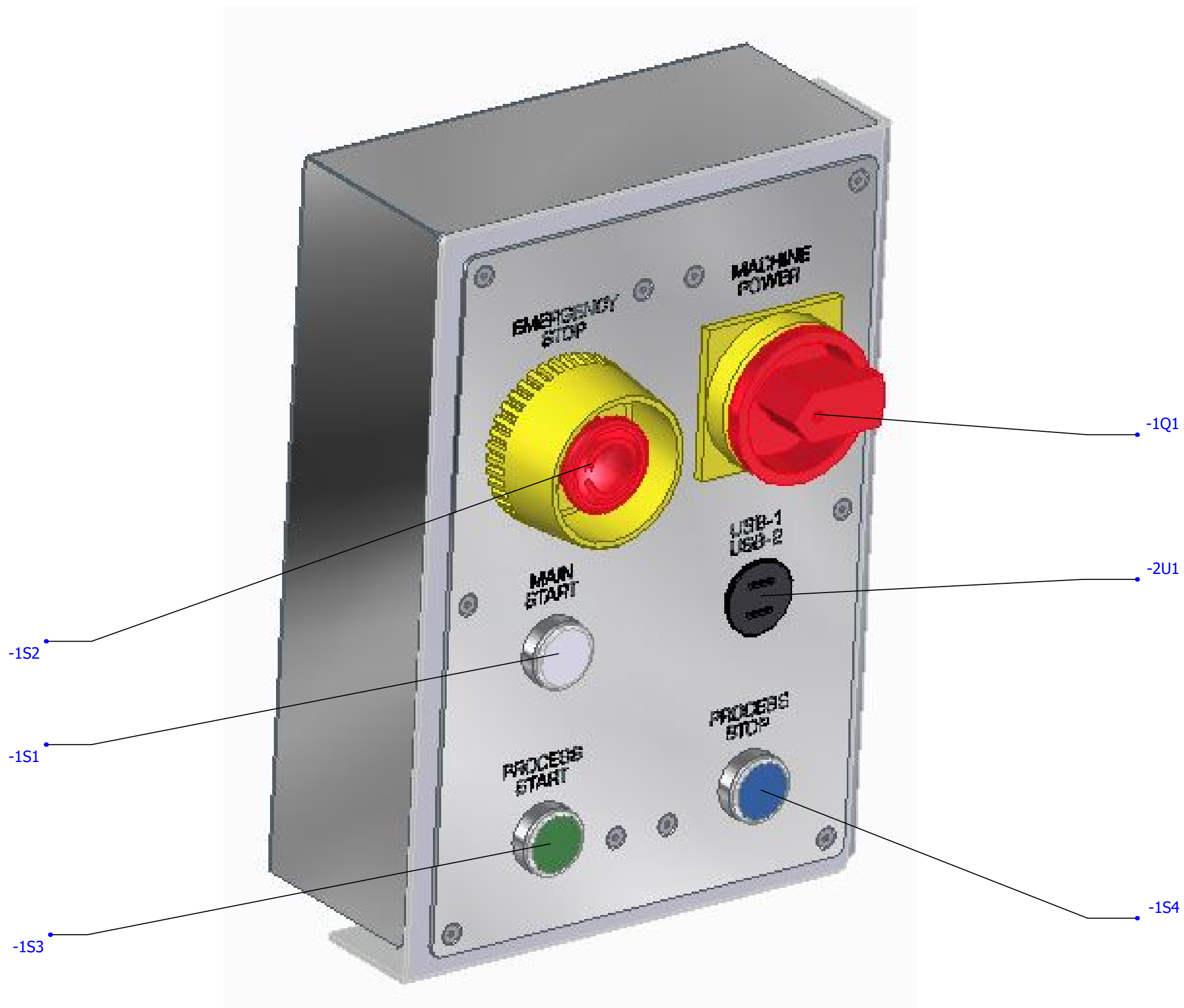
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Electronic Interface  
Schaltpanel

	= 1615	
	+ 1678	
		Blatt 2
		Blatt 100

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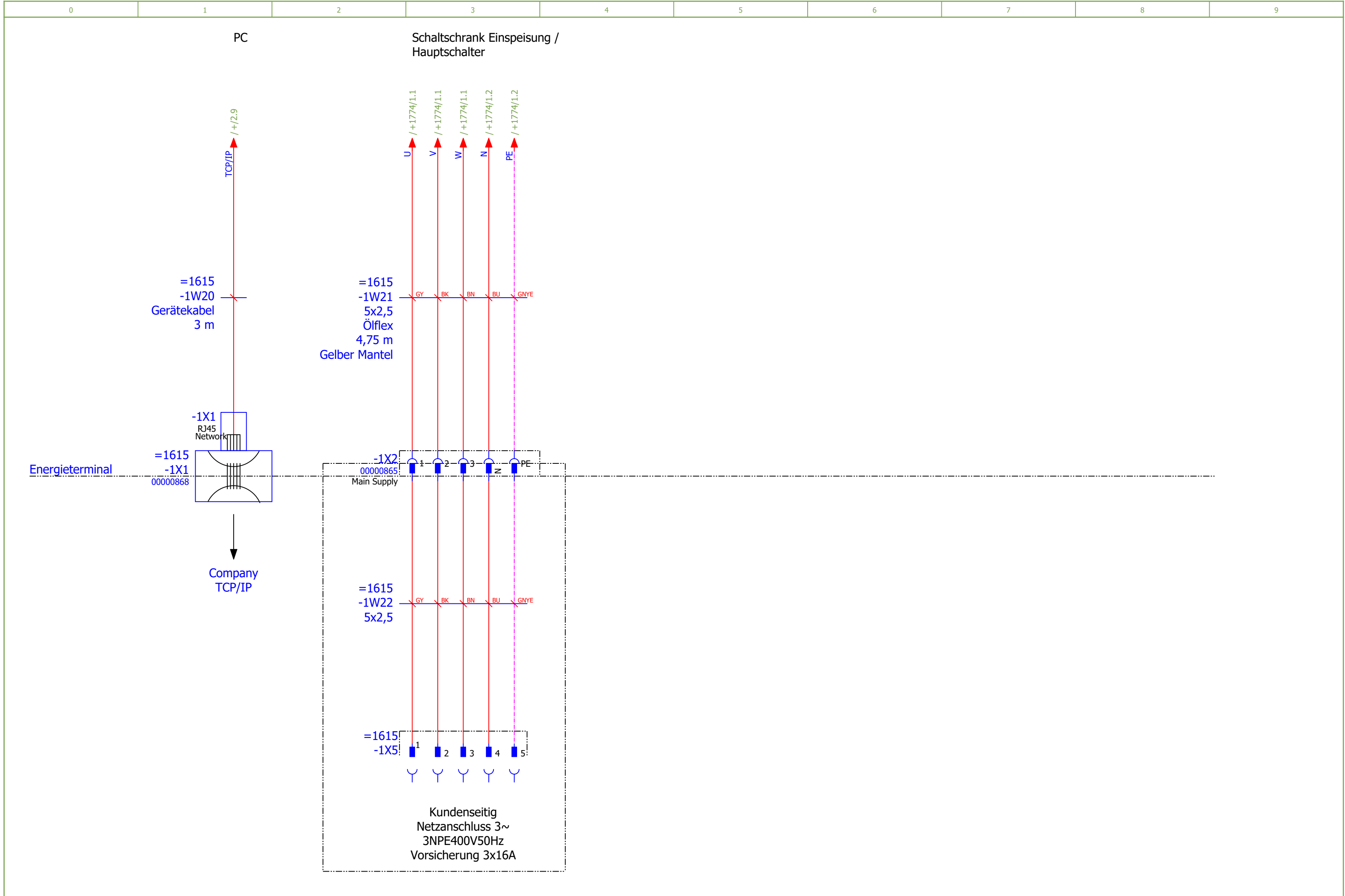


Electronic Interface  
 Schaltpanel

	= 1615		
	+ 1678		
		Blatt	70
		Blatt	100



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**Electronic Interface**  
Energieterminal

	= 1615	
	+ 1684	
		Blatt 1
		Blatt 140

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Pneumatik



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Electronic Interface  
Energieterminal

		= 1615	
		+ 1684	
		Blatt	50
		Blatt	140

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1684-5024

-1X1

-1X2

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		Gepr	25.11.2020
Änderung	Datum	Name	Gepr. UNMA

PRS1000 PartRivetingSystem



Electronic Interface  
Energieterminal

	= 1615		
	+ 1684		
		Blatt	70
		Blatt	140







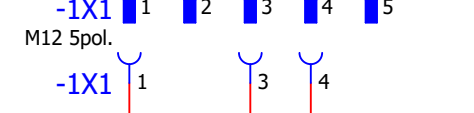
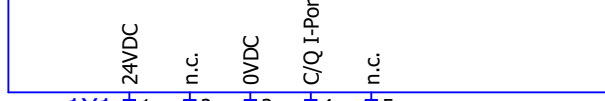


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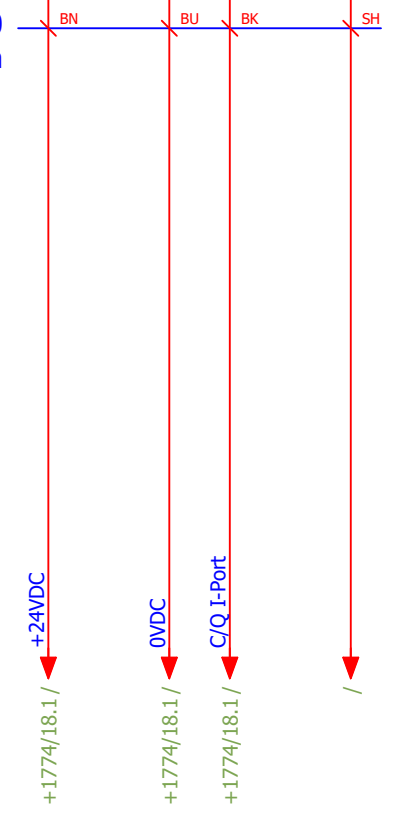
Proportional-Druckregelventil

= 1615  
 -1U1  
 00001881  
 VPPM-8L

Pinbelegung IO-Link Schnittstelle		
Pin	Belegung	Funktion
1	24 V DC (U <sub>EL/SEN</sub> )	Betriebsspannungsversorgung (PS)
2	n.c.	nicht angeschlossen
3	0 V DC (U <sub>EL/SEN</sub> )	Betriebsspannungsversorgung (PS)
4	C/Q I-Port	Datenkommunikation
5	n.c.	nicht angeschlossen
-	FE	Funktionserde



= 1615  
 -1W30  
 5 m



I/O-Link

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Bearb.	GWMA
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Änderung	Datum
	Name
	Gepr.
	UNMA

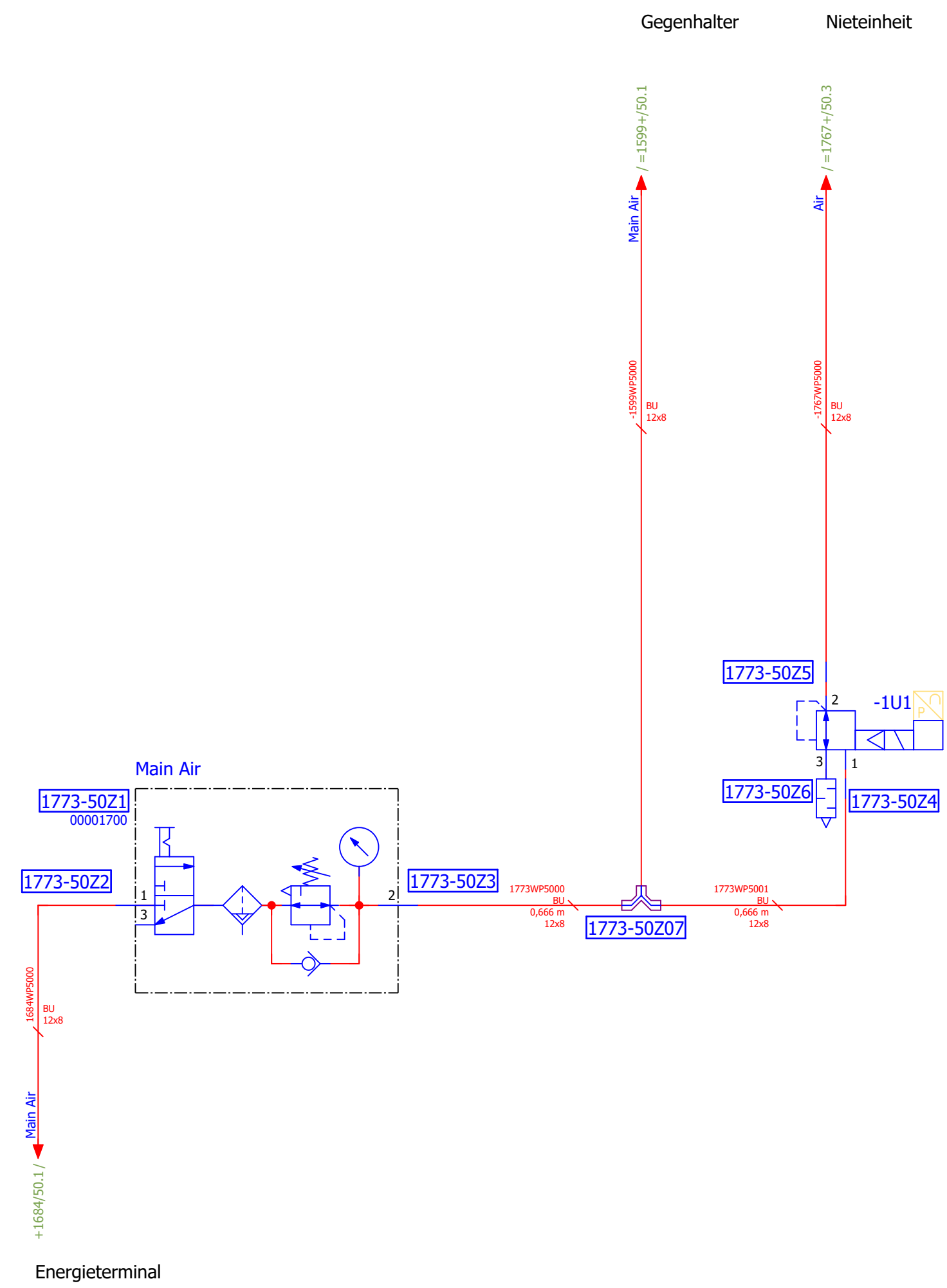
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Electronic Interface  
Pneumatik

= 1615  
 + 1773

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	Name
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	UNMA

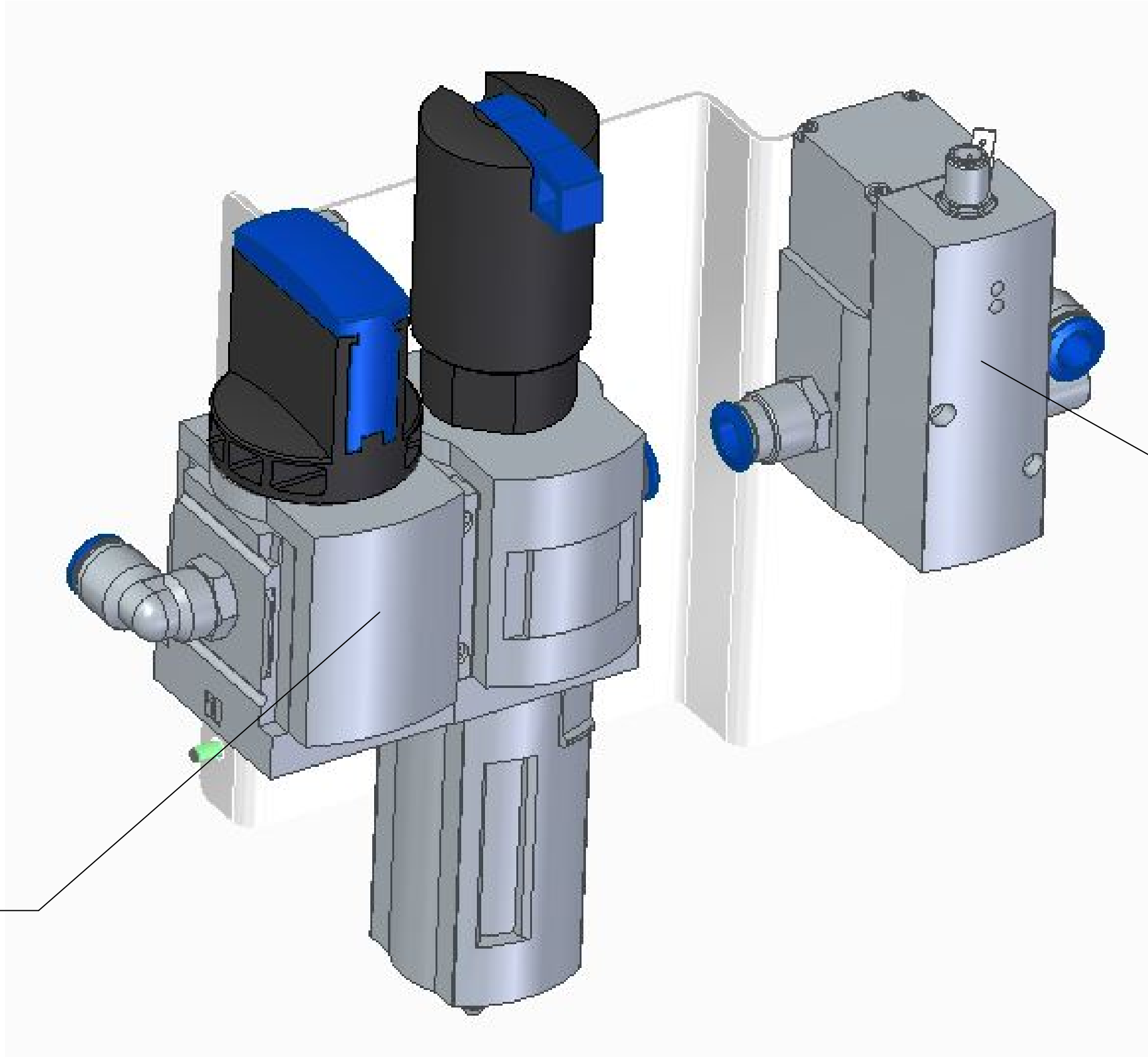
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Electronic Interface  
Pneumatik

		= 1615
		+ 1773
	Blatt	50
	Blatt	140

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1773-5021

1773-5025

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Electronic Interface  
Pneumatik

= 1615  
+ 1773

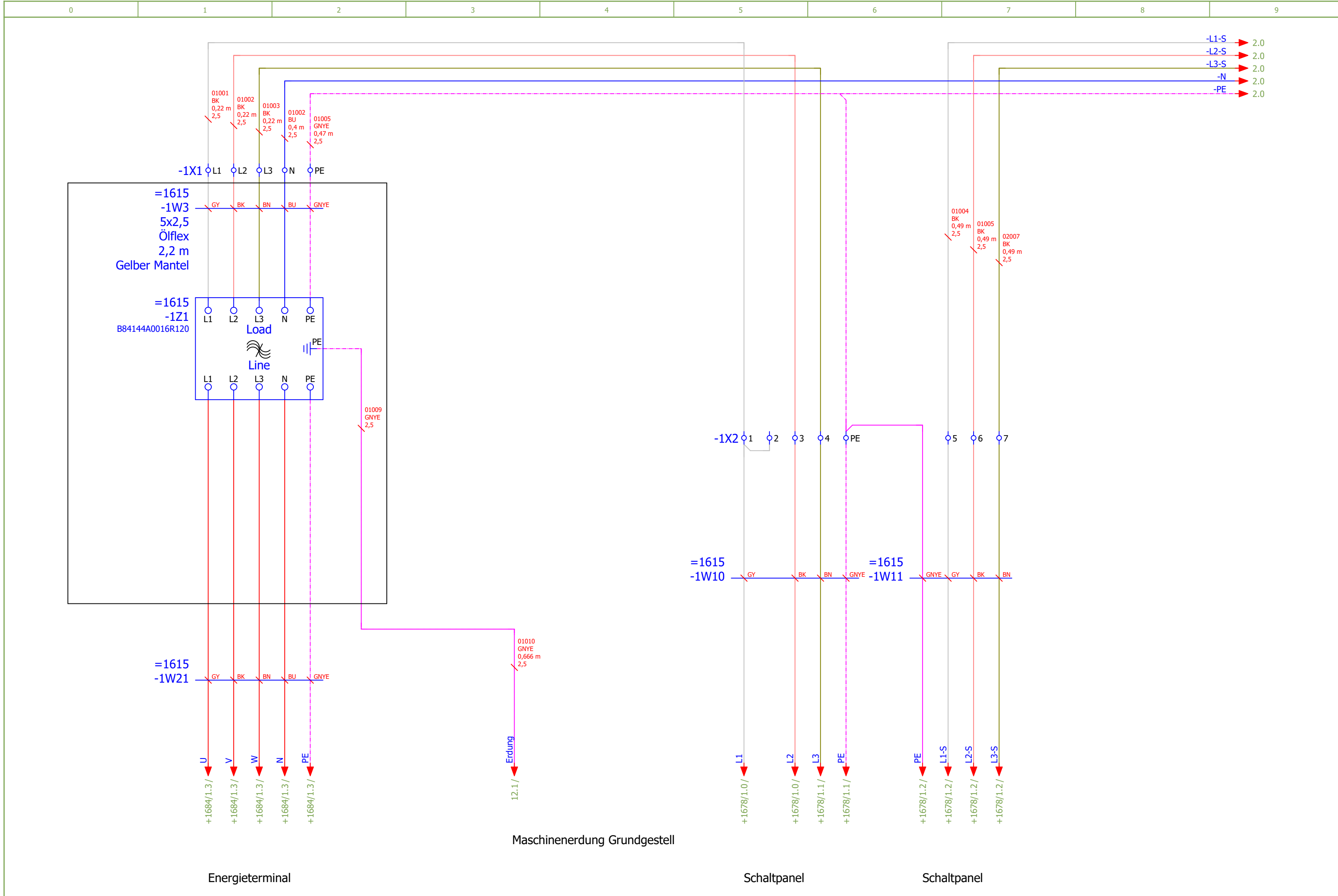








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Gepr.	25.11.2020			
Änderung	Datum	Name	Gepr.	UNMA

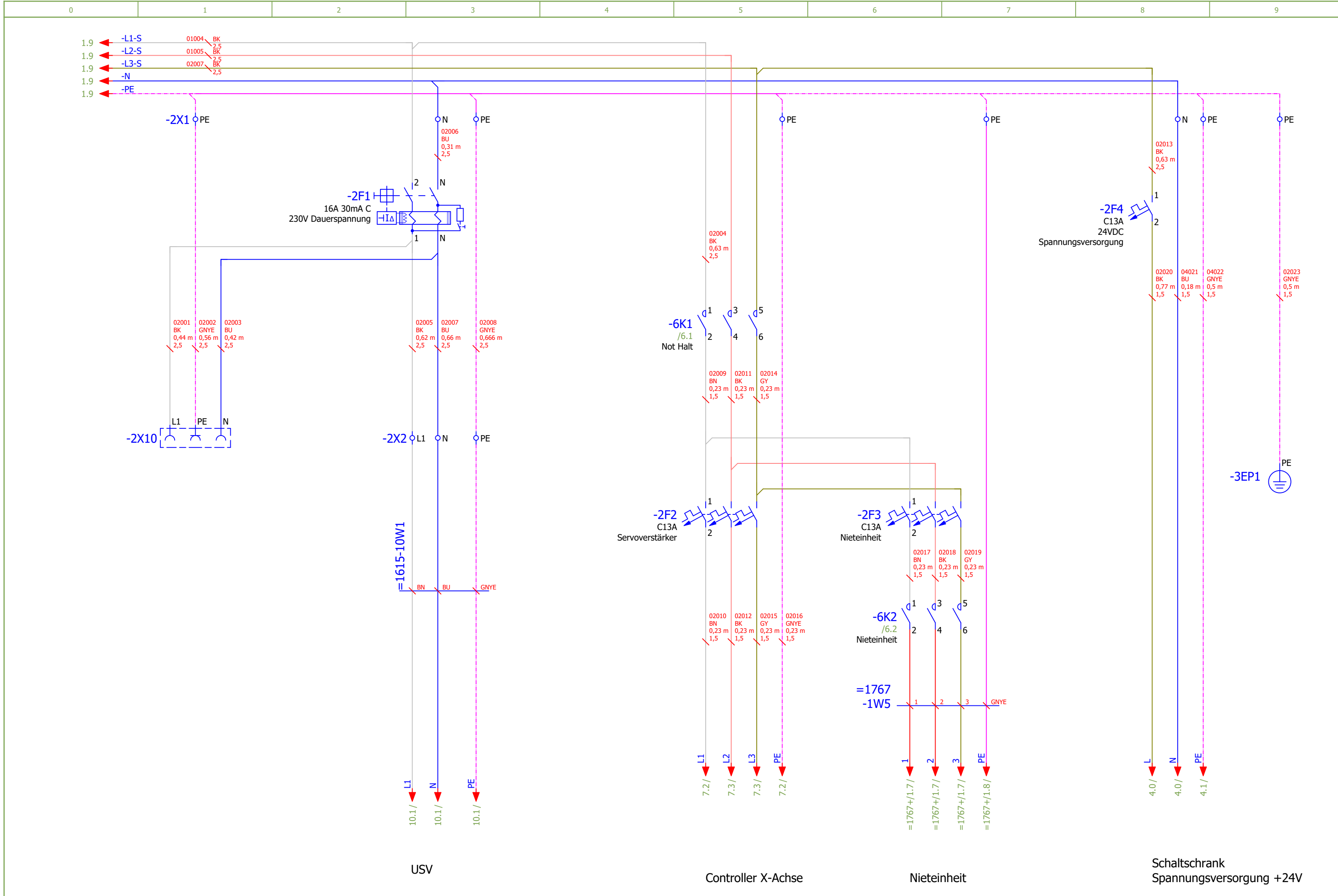
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**Electronic Interface**  
Schaltschrank  
Einspeisung / Hauptschalter

= 1615		Blatt	1
+ 1774		Blatt	158

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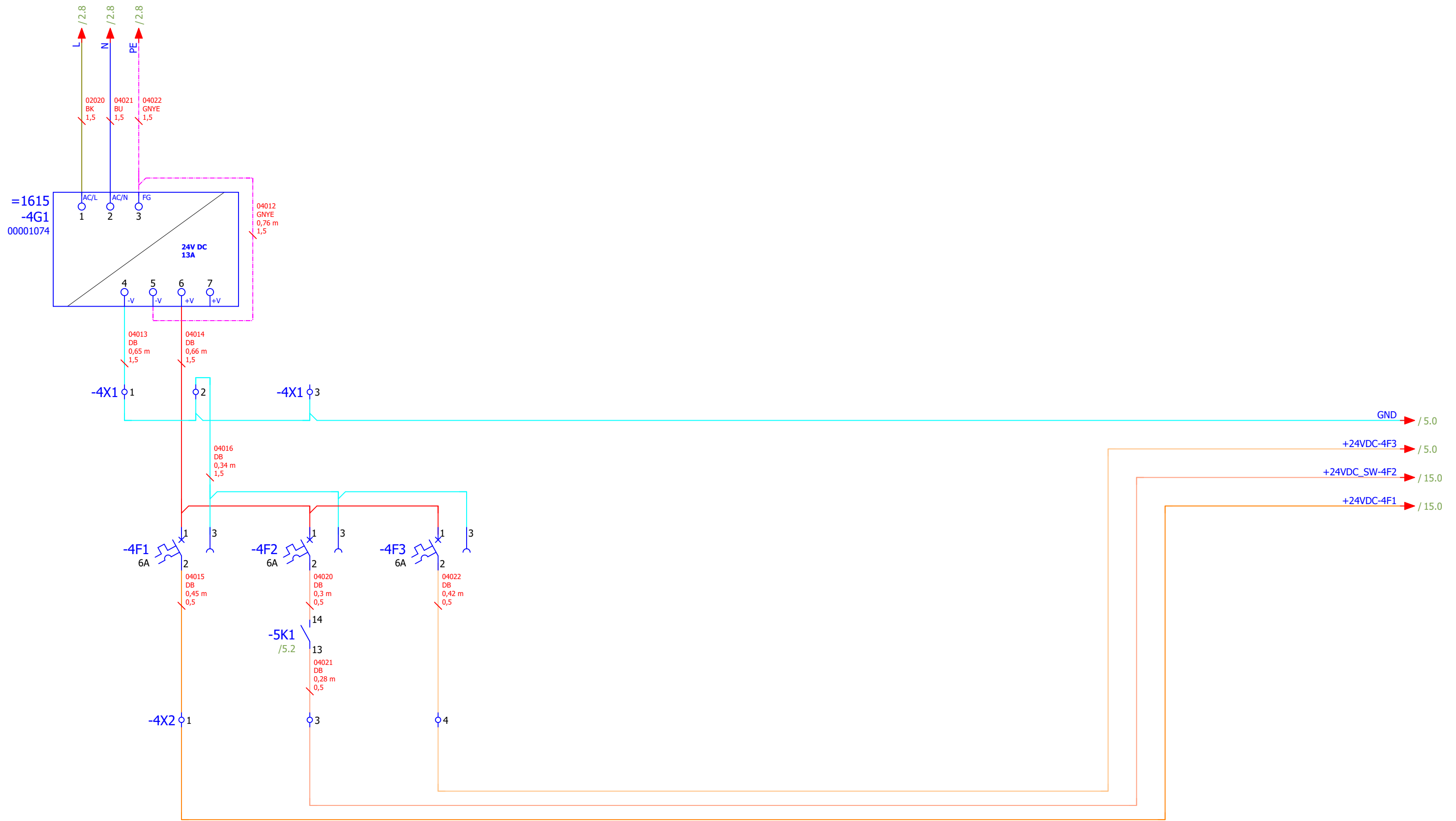


Electronic Interface  
 Schaltschrank

= 1615		Blatt	2
+ 1774		Blatt	158

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# Schaltschrank



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Änderung	Datum
	Name
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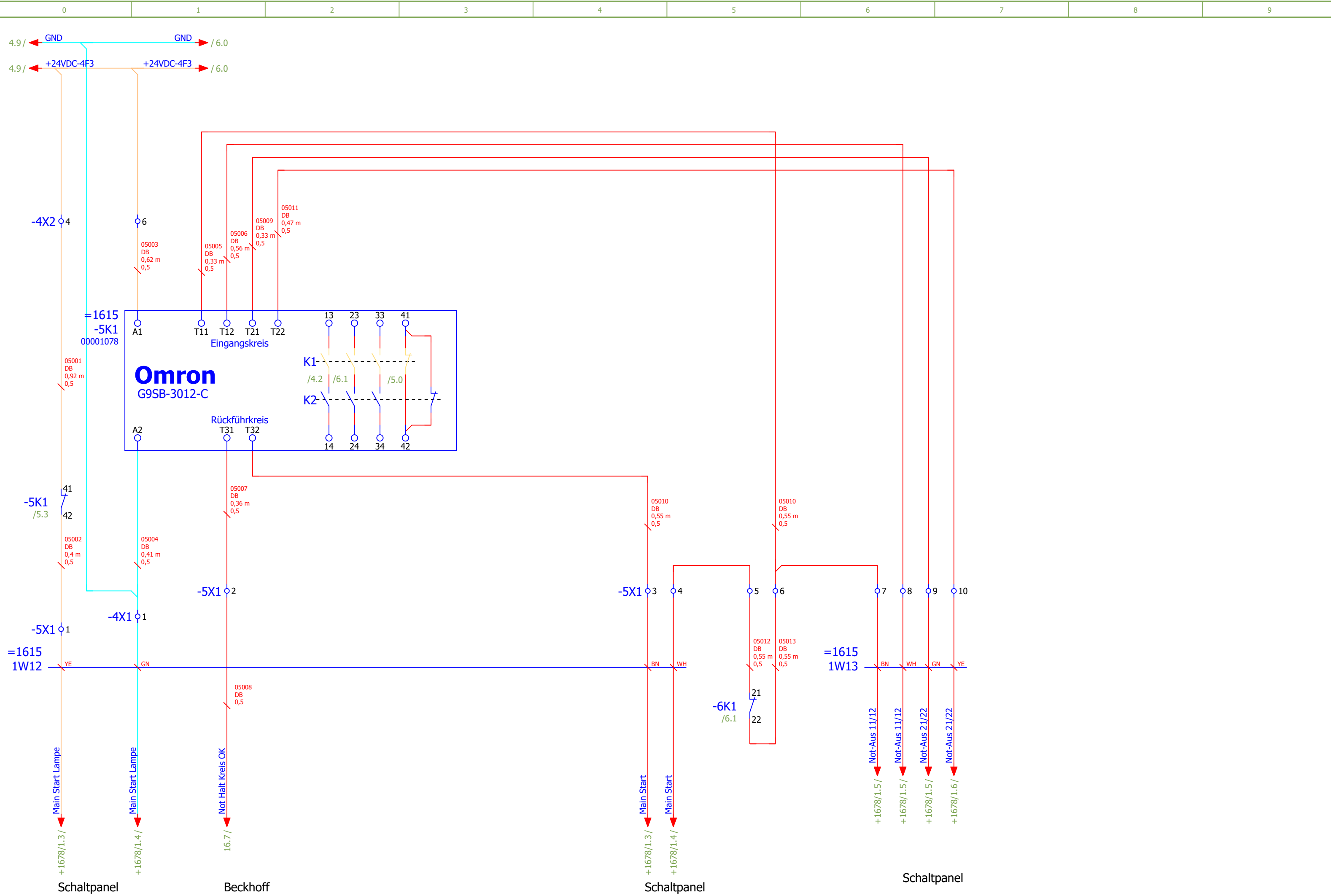
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Electronic Interface  
 Schaltschrank  
 Spannungsversorgung +24V

= 1615	Blatt	4
+ 1774	Blatt	158

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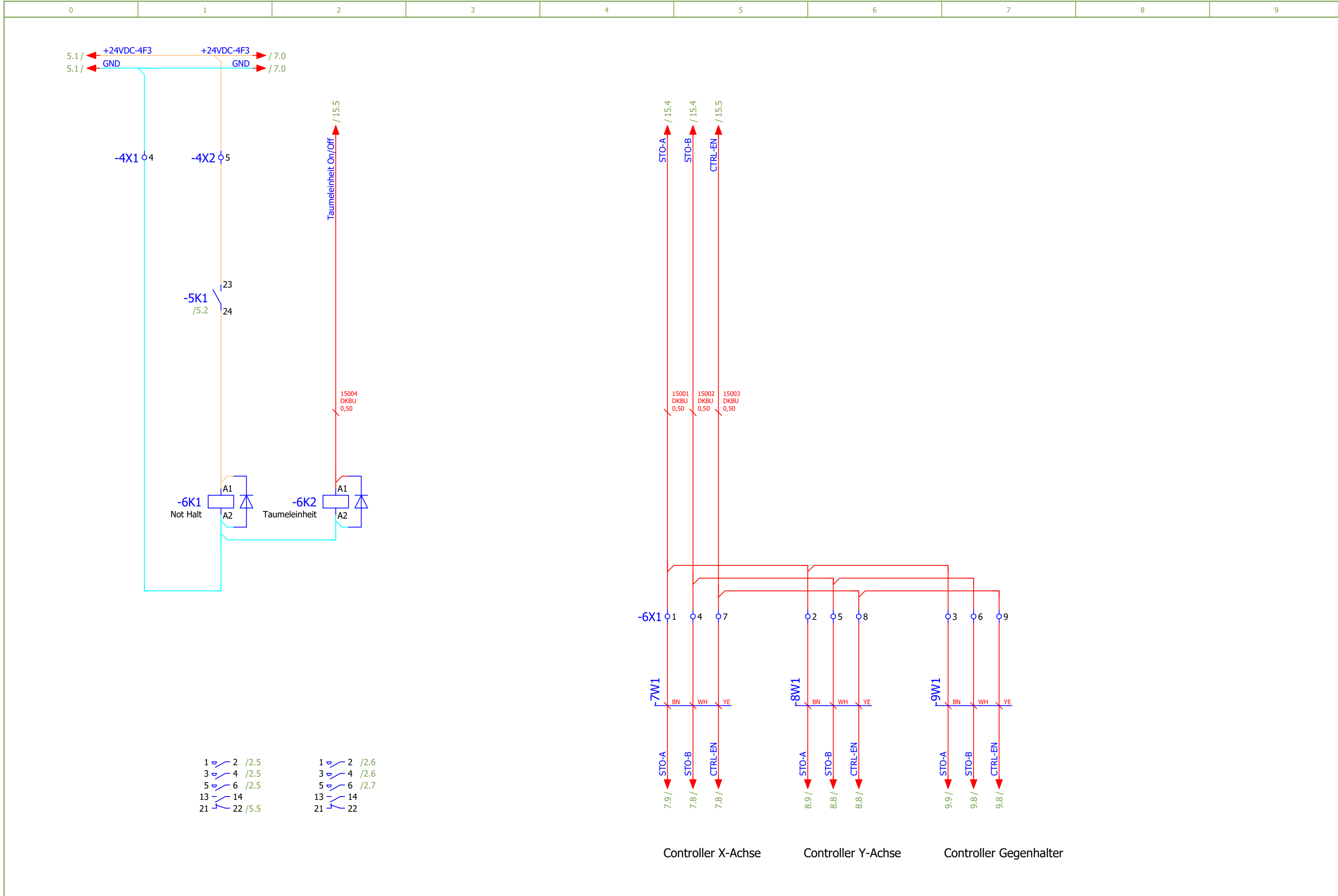
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**Electronic Interface**  
 Schaltschrank  
 Not-Halt-Schaltgerät

= 1615	Blatt	5
+ 1774	Blatt	158

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- |    |    |      |    |    |      |
|----|----|------|----|----|------|
| 1  | 2  | /2.5 | 1  | 2  | /2.6 |
| 3  | 4  | /2.5 | 3  | 4  | /2.6 |
| 5  | 6  | /2.5 | 5  | 6  | /2.7 |
| 13 | 14 |      | 13 | 14 |      |
| 21 | 22 | /5.5 | 21 | 22 |      |

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Änderung	Datum	Name	Gepr. UNMA

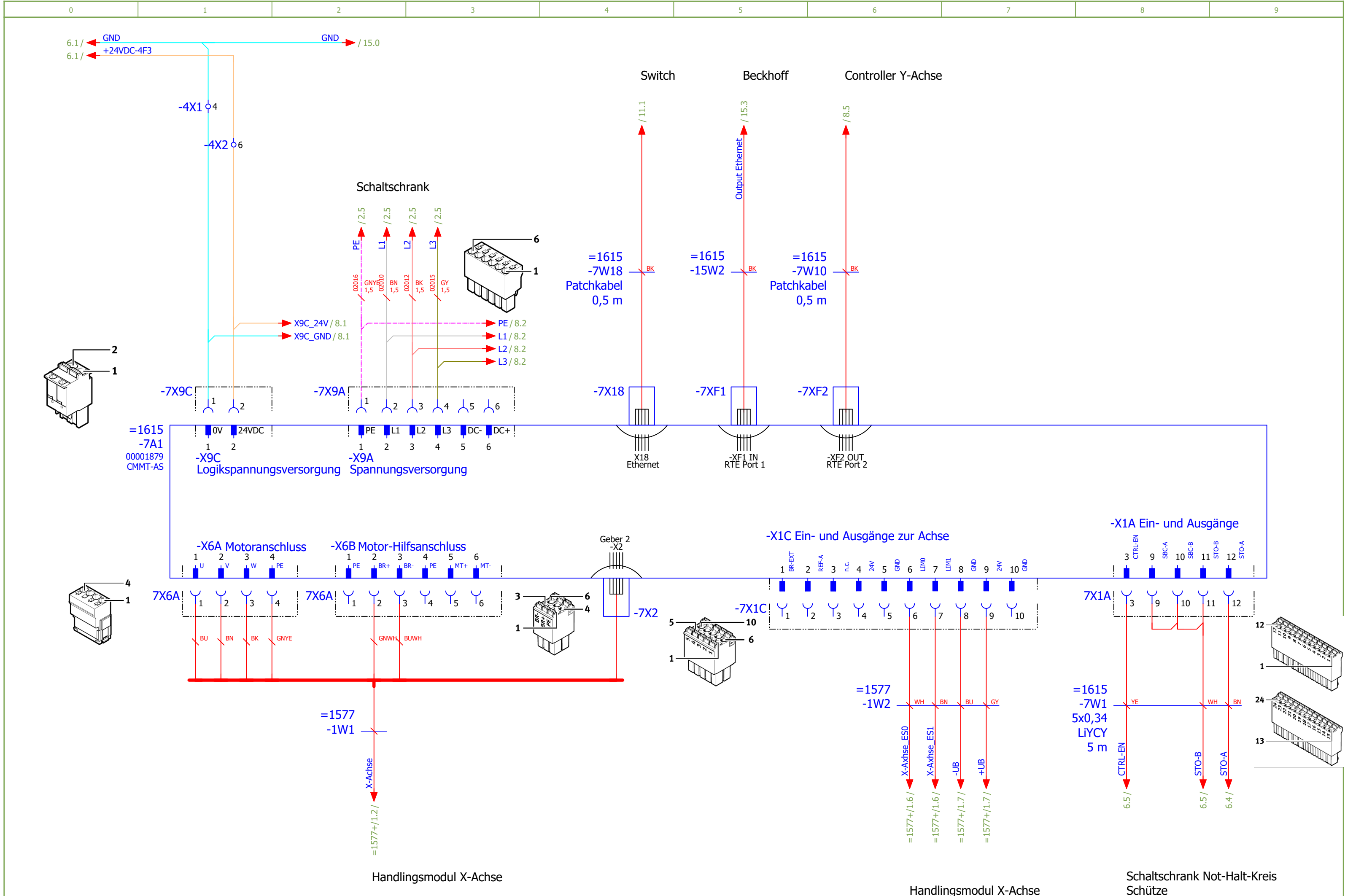
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**Electronic Interface**  
Schaltschrank  
Not-Halt-Kreis

	= 1615		
	+ 1774		
		Blatt	6
		Blatt	158

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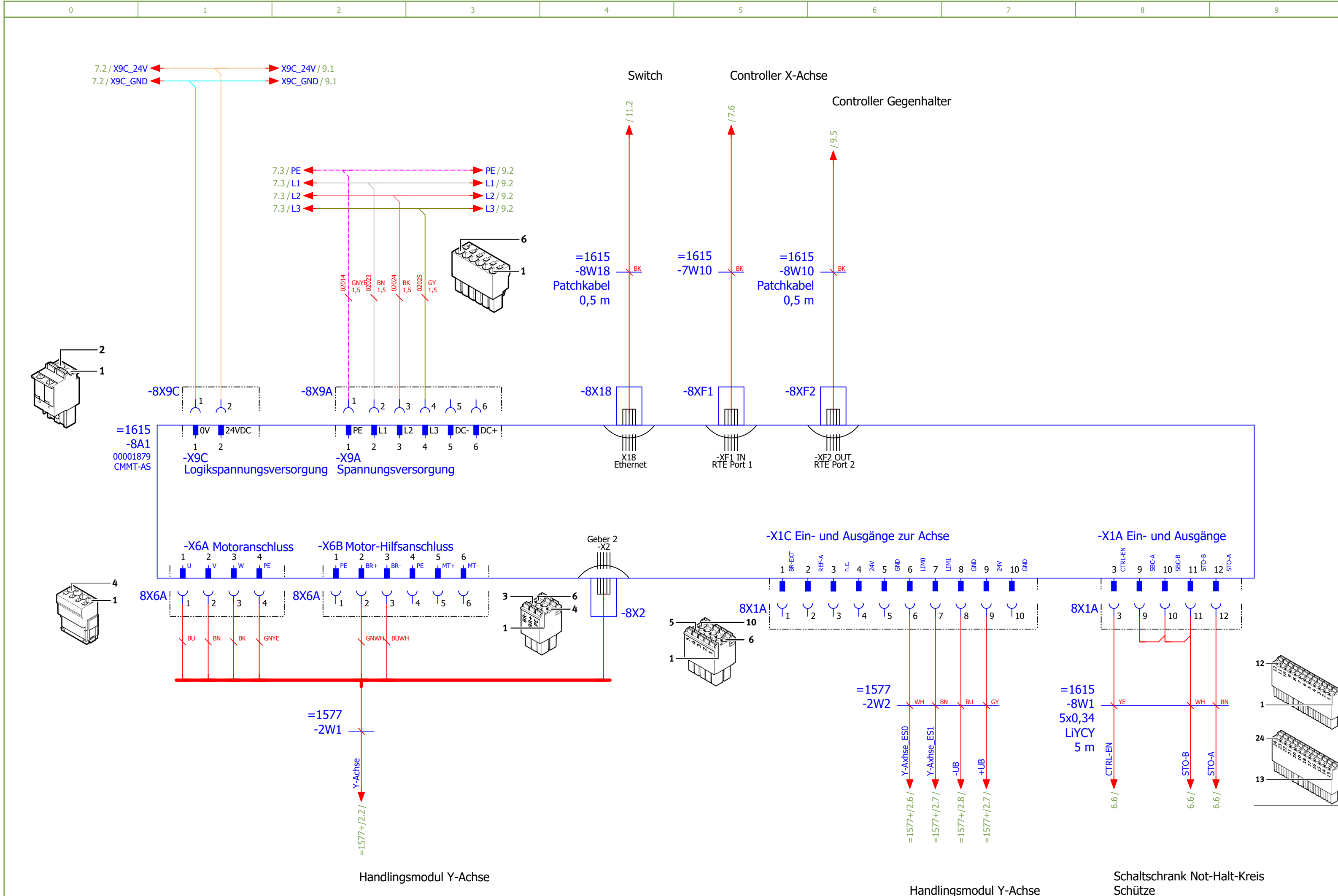
Electronic Interface  
Controller X-Achse

Handlingsmodul X-Achse

= 1615
+ 1774



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Electronic Interface  
Controller Y-Achse

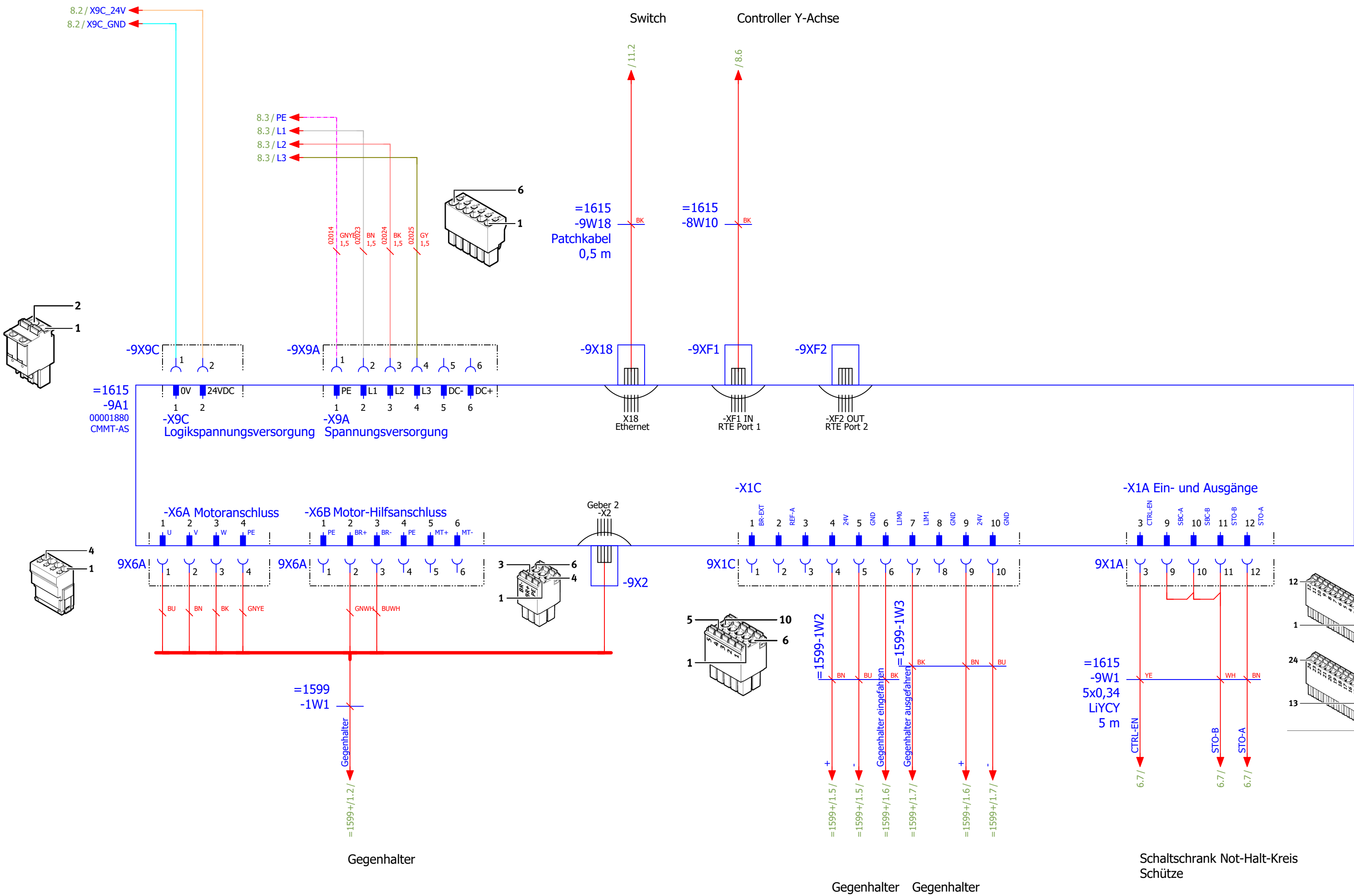
Handlingsmodul Y-Achse		Schaltschrank Not-Halt-Kreis Schütze	
		= 1615	
		+ 1774	
		Blatt	8
		Blatt	158

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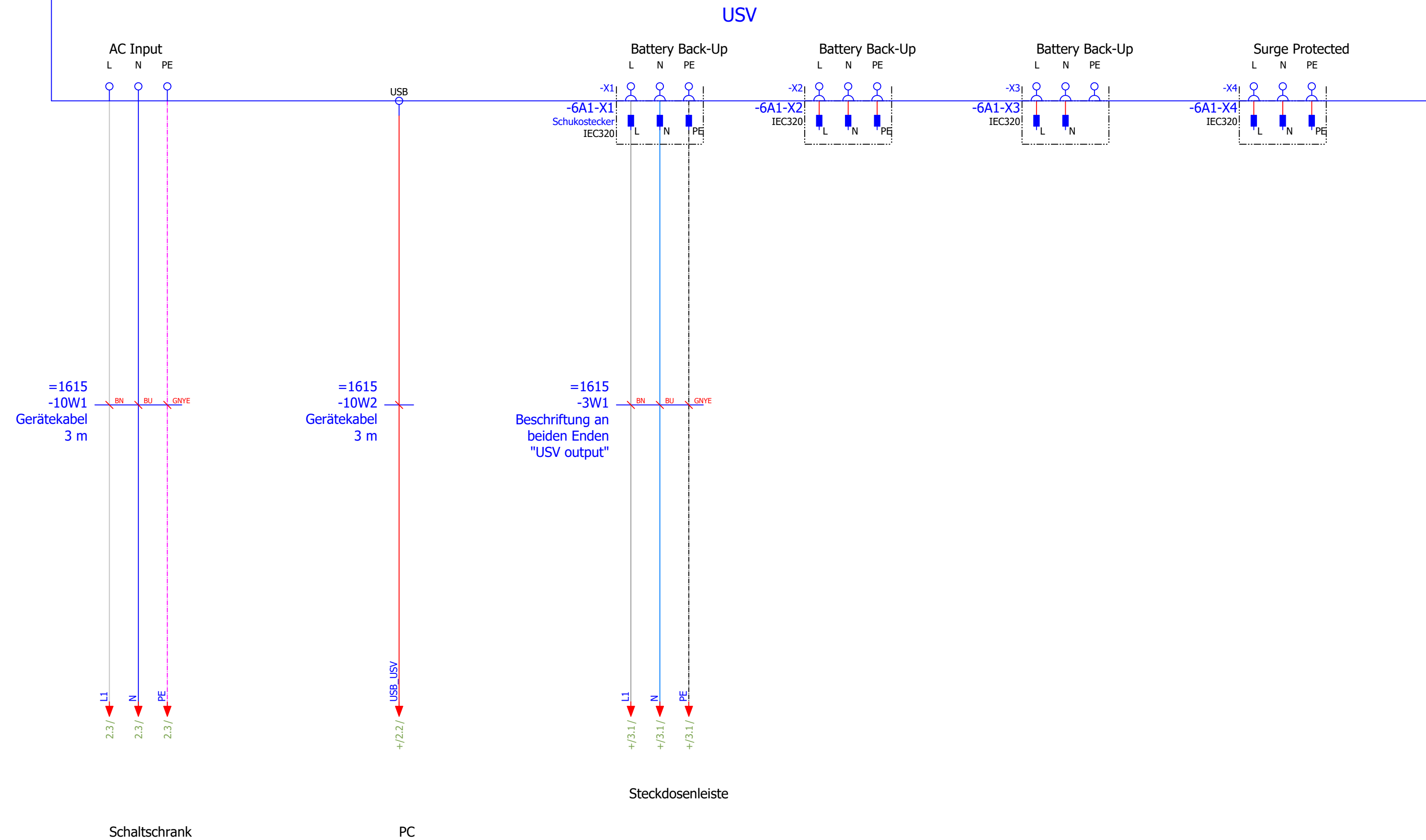
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**innomotec**  
Maschinenbau | Anlagentechnik | Anlagenbau

**Electronic Interface**  
Controller Gegenhalter

= 1615		Blatt	9
+ 1774		Blatt	158

=1615  
-10A1  
00001826



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Gepr.	UNMA

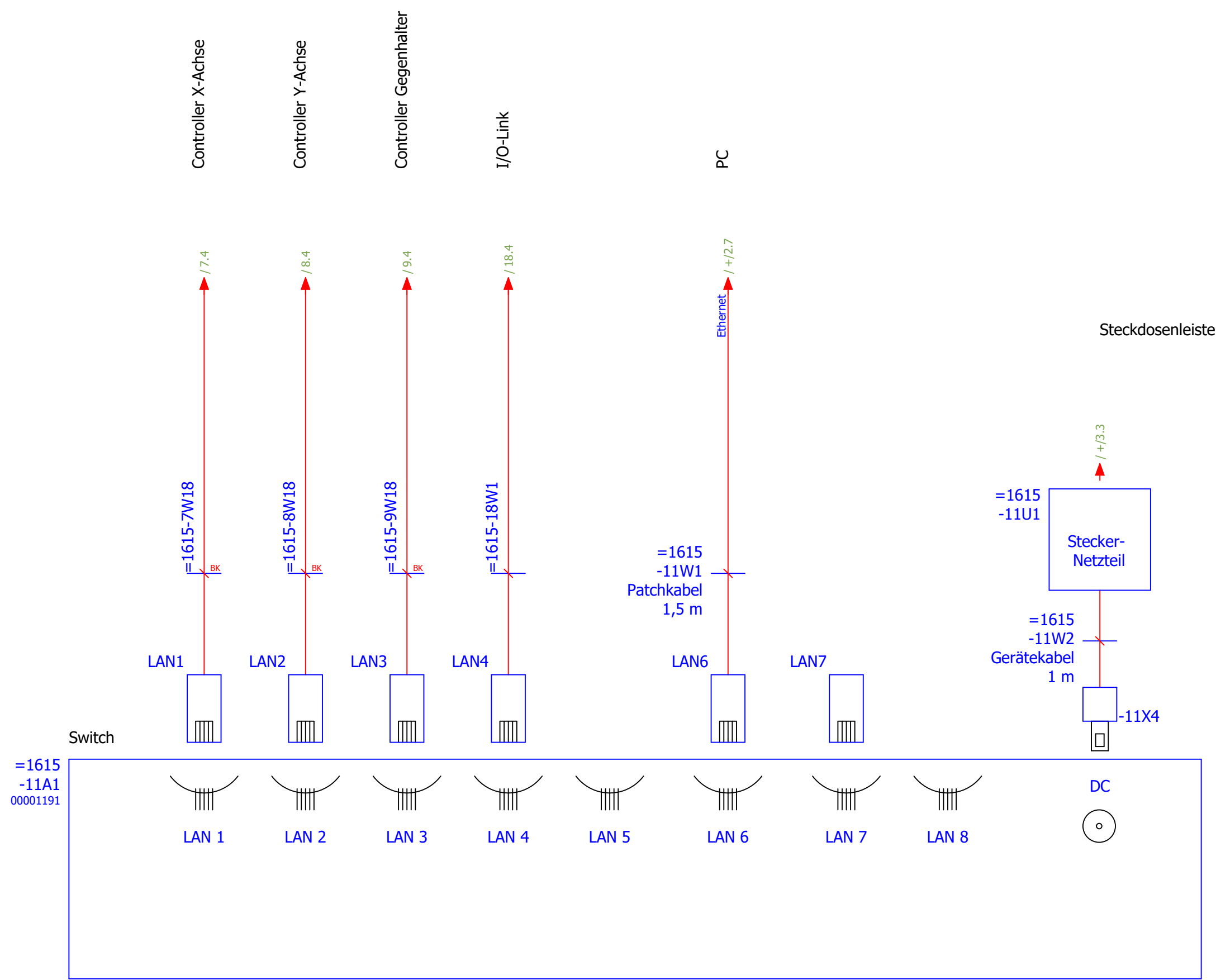
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Electronic Interface  
USV

= 1615	Blatt	10
+ 1774	Blatt	158

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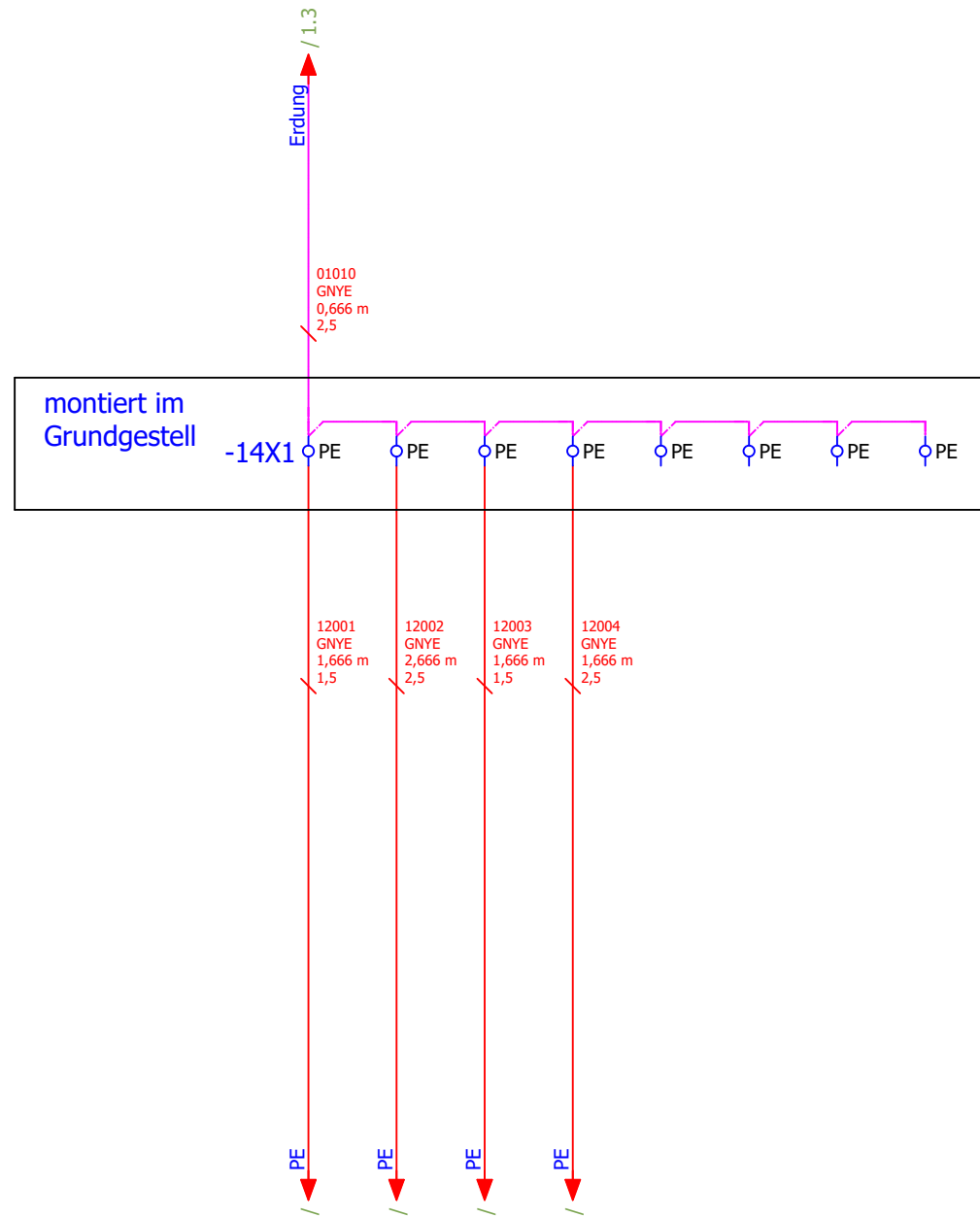
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Electronic Interface  
Switch

= 1615
+ 1774

# Schaltschrank Einspeisung / Hauptschalter



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0	1	2	3	4	5	6	7	8	9
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Bearb.	GWMA
Gepr	25.11.2020
Änderung	Datum
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Gepr.	UNMA

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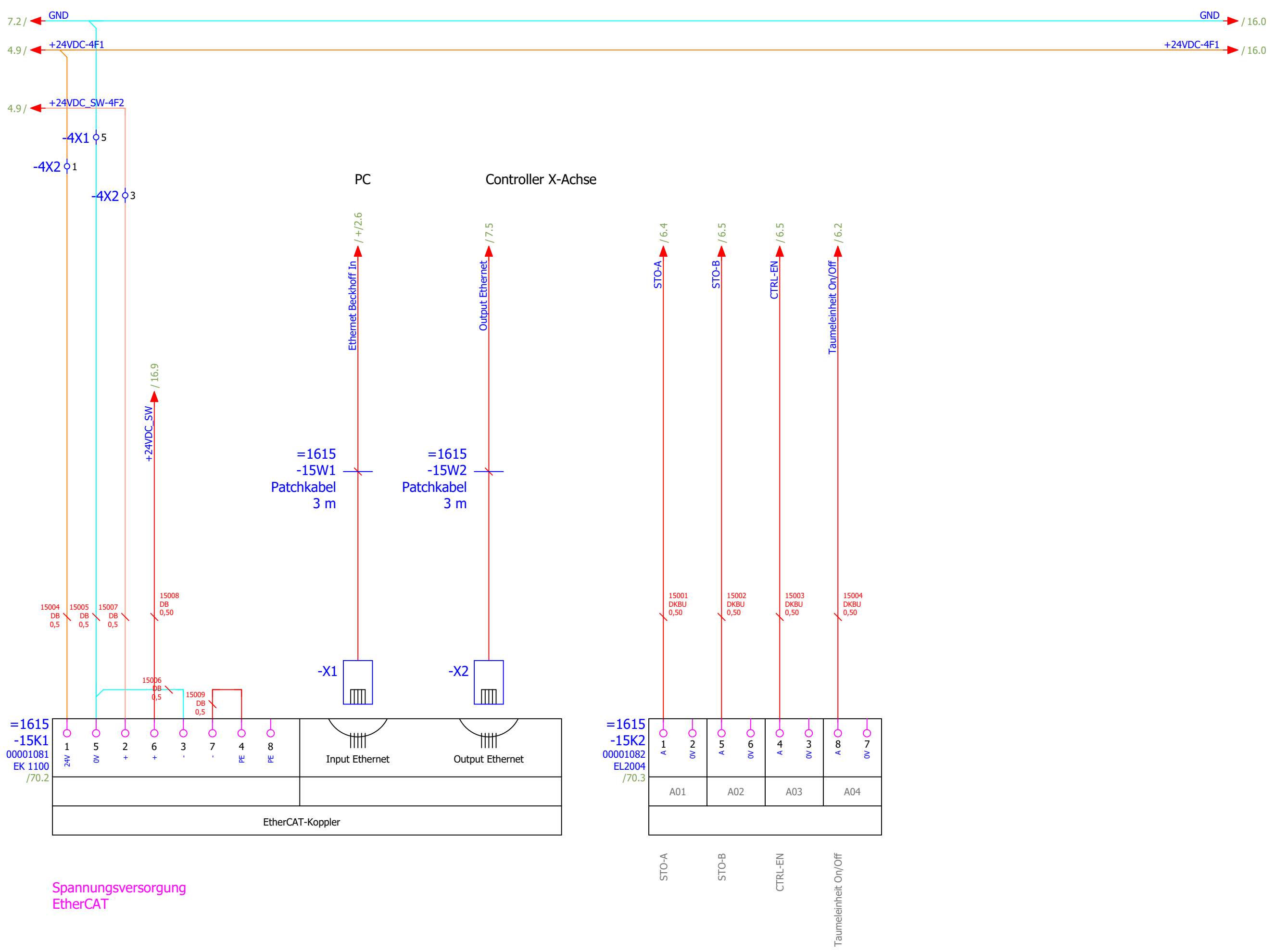


Electronic Interface  
Maschinenerdung  
Grundgestell

= 1615
+ 1774

Blatt	12
Blatt	158

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=1615  
-15K1  
00001081  
EK 1100  
/70.2

=1615  
-15K2  
00001082  
EL2004  
/70.3

Spannungsversorgung  
EtherCAT

Datum	14.12.2020
Bearb.	GWMA
Gepr	25.11.2020
Änderung	Datum
	Name
Gepr.	UNMA

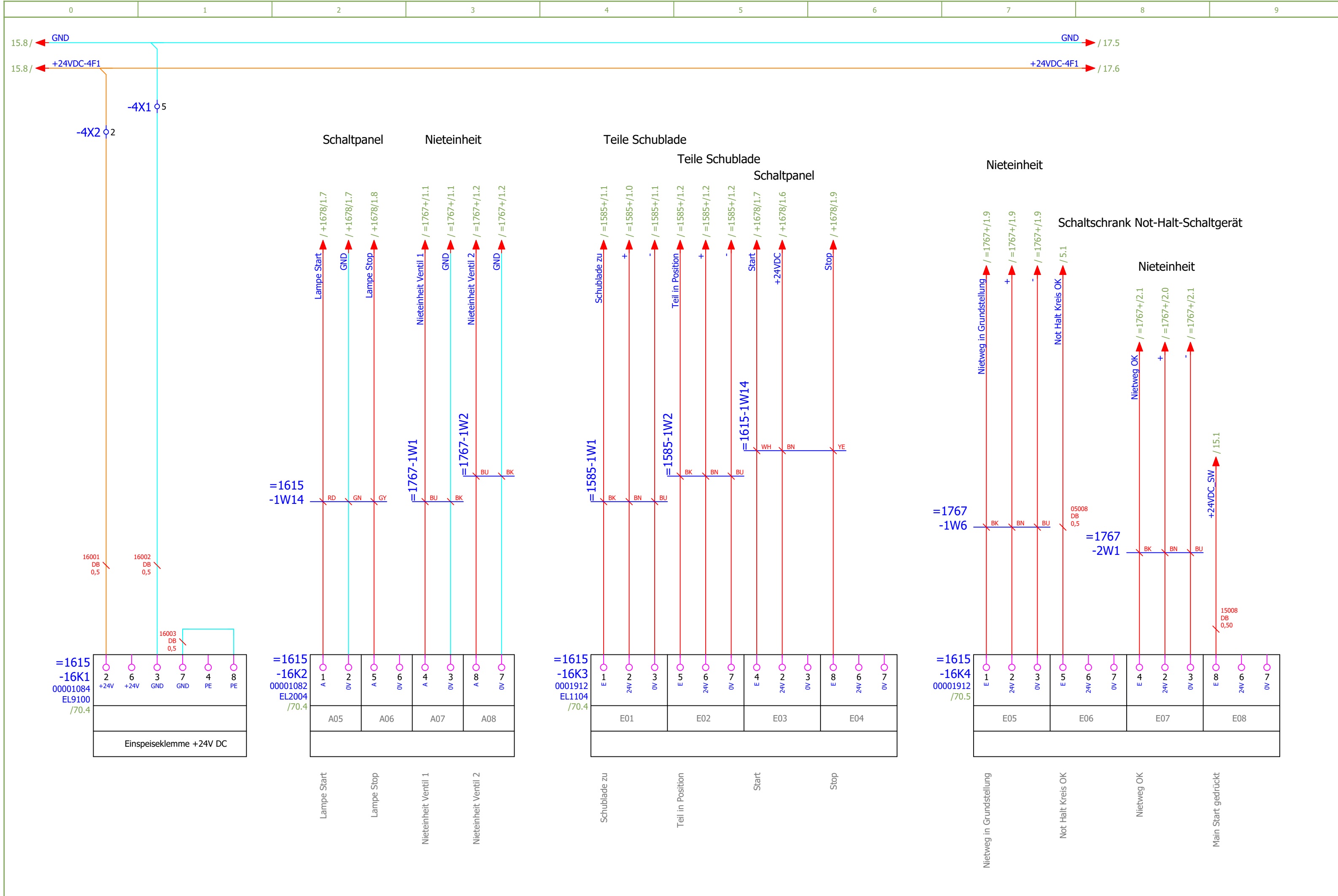
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Electronic Interface  
Beckhoff

= 1615		Blatt	15
+ 1774		Blatt	158

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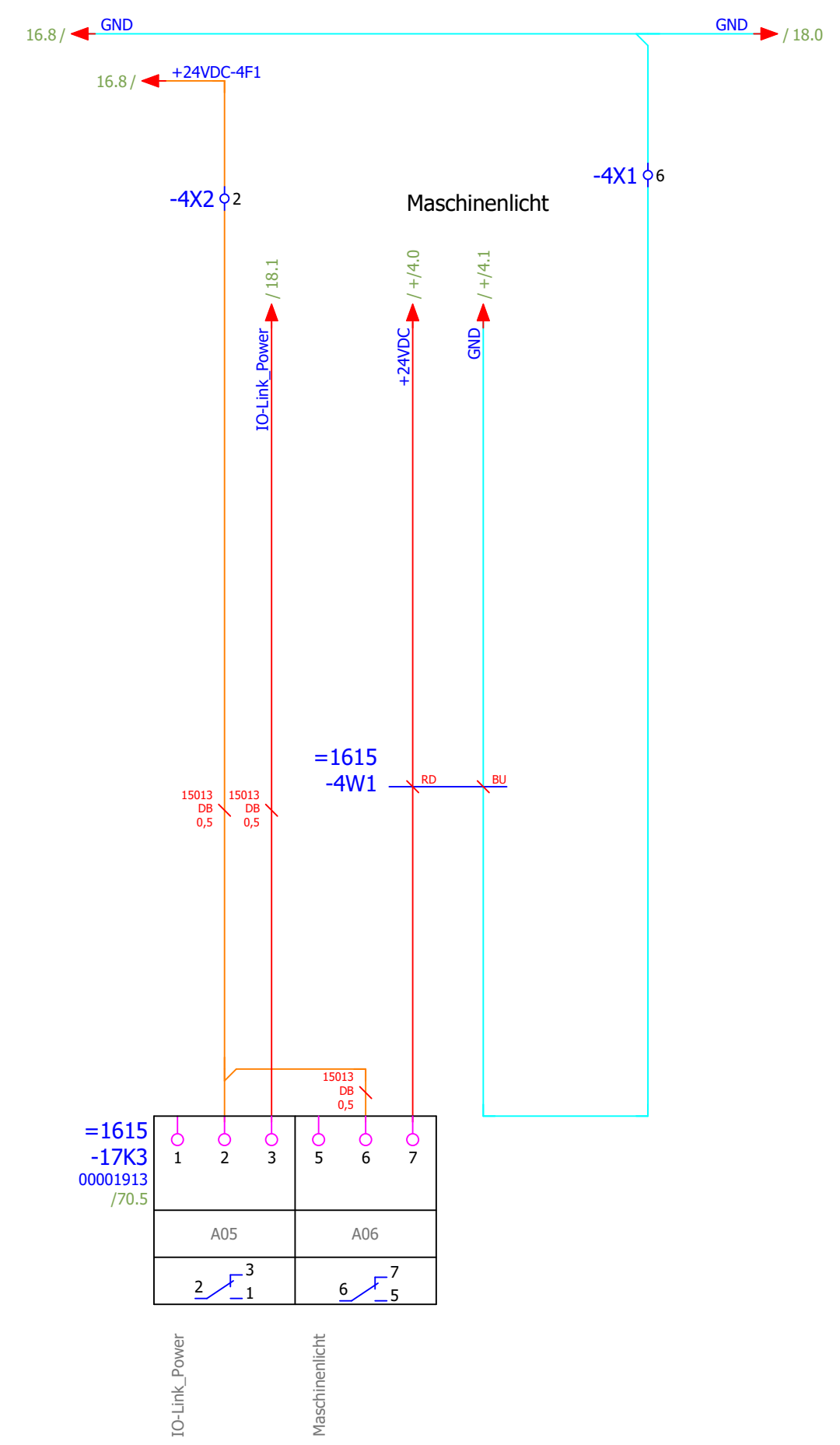
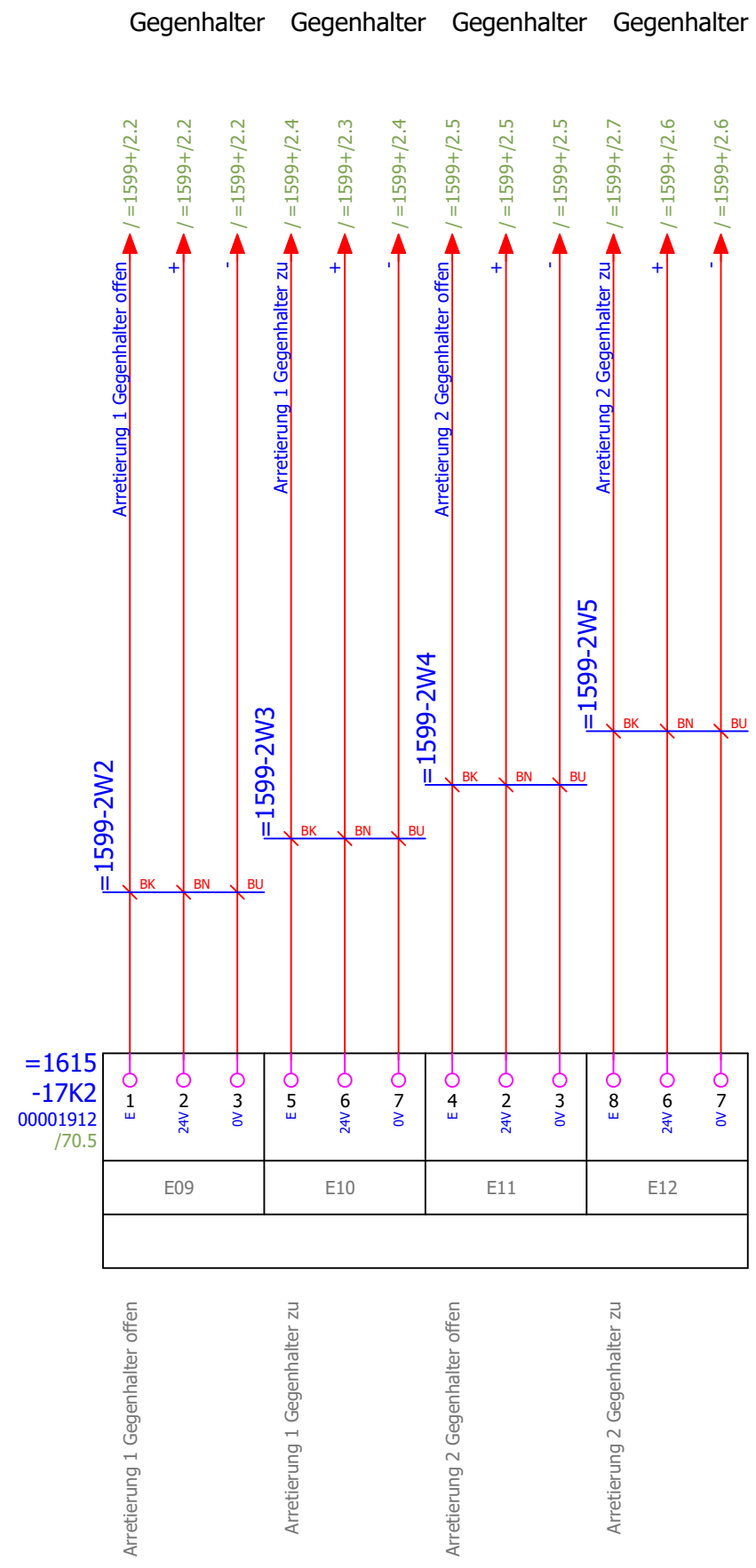
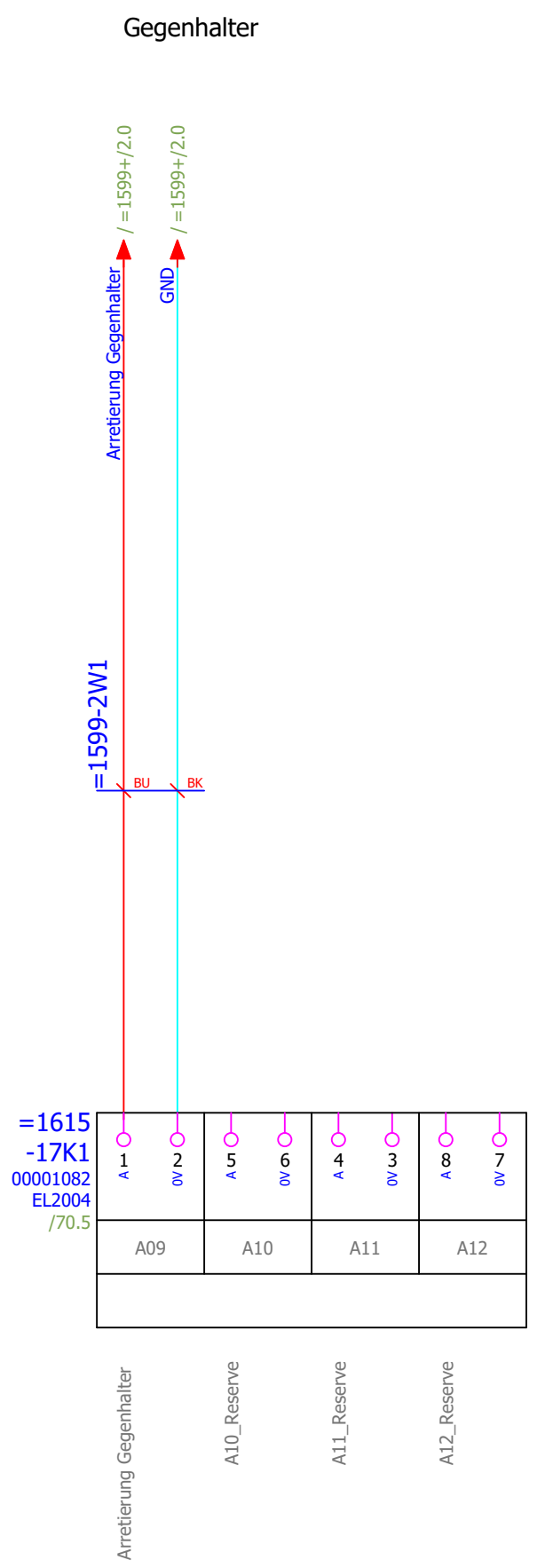


Electronic Interface  
Beckhoff

= 1615			
+ 1774			
Blatt	16	Blatt	16
Blatt	158	Blatt	158



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			Gepr.	25.11.2020

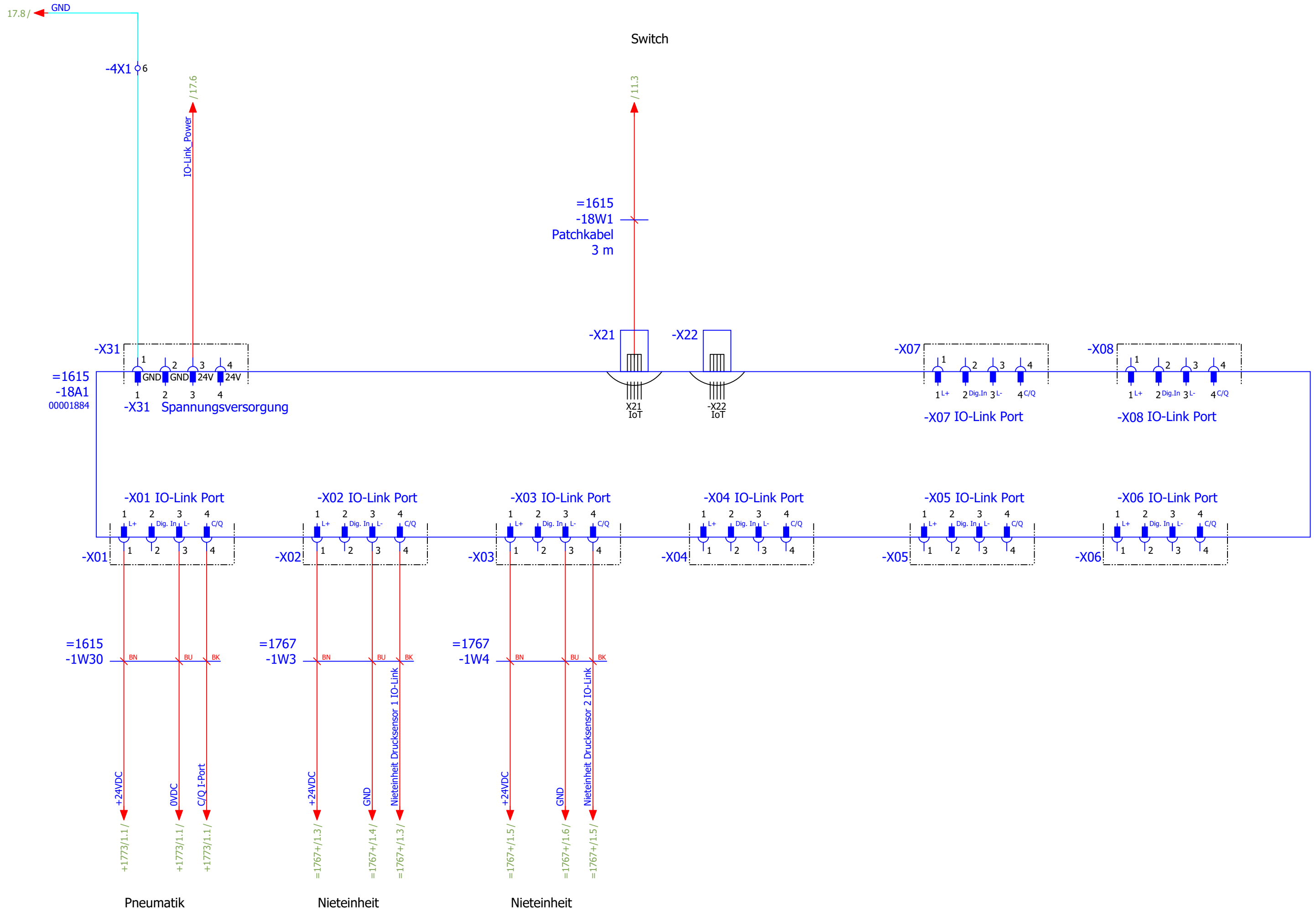
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Electronic Interface  
Beckhoff

		= 1615	
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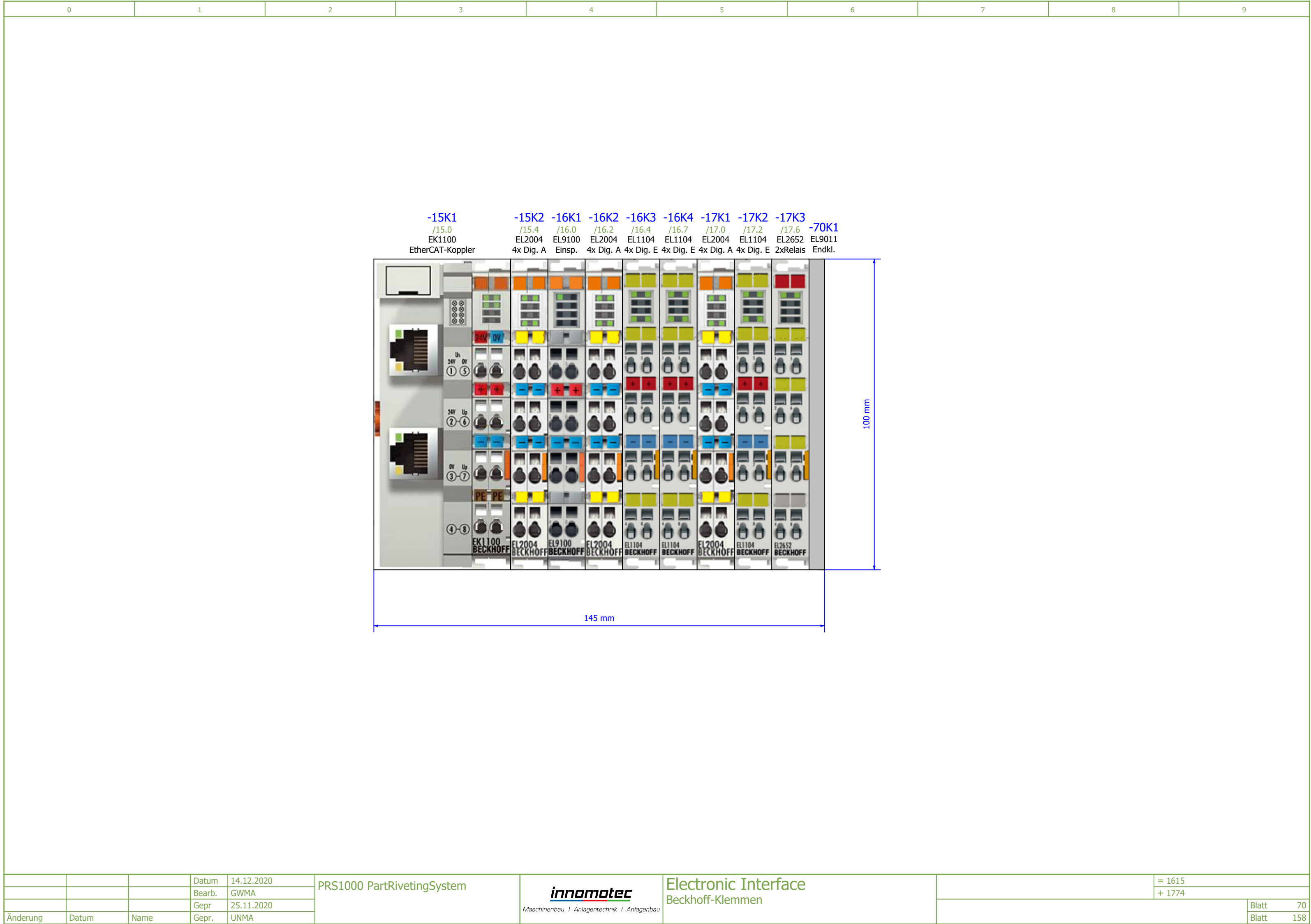
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Electronic Interface  
I/O-Link

= 1615		Blatt	18
+ 1774		Blatt	158

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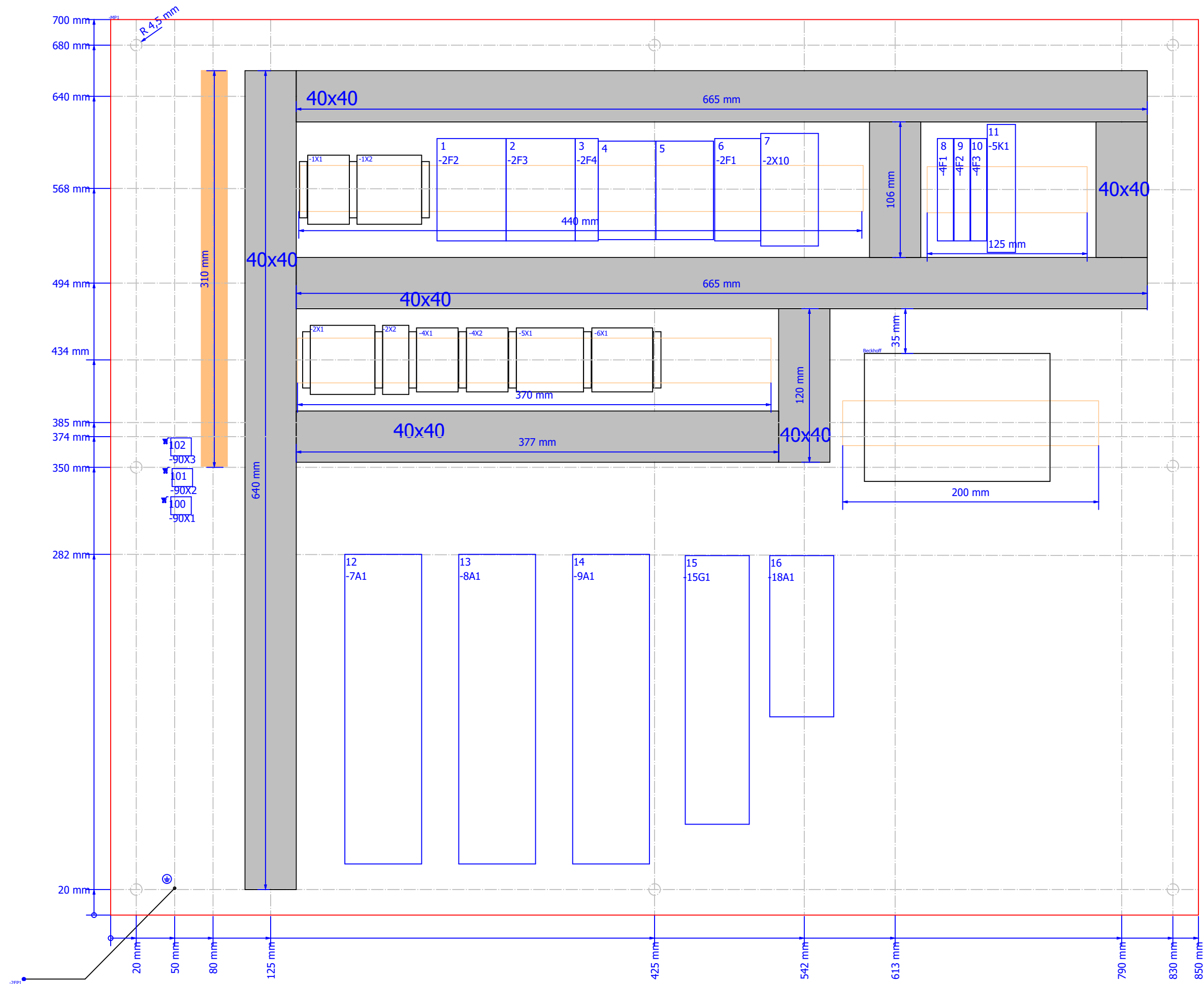
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Electronic Interface  
Beckhoff-Klemmen

= 1615  
+ 1774

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Electronic Interface  
 Schaltschrank-Montage

= 1615	Blatt	90
+ 1774	Blatt	158

# Schaltschranklegende

===1615+1774-MP1

Pos Nr.	BMK	Artikelnummer	Bezeichnung	
1	2F2	00001892	Leitungsschutzschalter	2CDS253001R0135 - S203B13
2	2F3	00001892	Leitungsschutzschalter	2CDS253001R0135 - S203B13
3	2F4	00001071	Leitungsschutzschalter C13A	
4	6K1	00001890	Leistungsschütz	LC1D
5	6K2	00001890	Leistungsschütz	LC1D
6	2F1	00001067	FI/LS-Kombischalter	16/1N/C/003
7	2X10	00001068	Schutzkontakt Steckdose	
8	4F1	00001095	Elektronischer Sicherungsautomat	
9	4F2	00001095	Elektronischer Sicherungsautomat	
10	4F3	00001095	Elektronischer Sicherungsautomat	
11	5K1	00001078	Sicherheitsmodul für Not-Aus, Tür, Ultra Slim	
12	7A1	00001879	Servoantriebsregler	CMMT-AS
13	8A1	00001879	Servoantriebsregler	CMMT-AS
14	9A1	00001880	Servoantriebsregler	CMMT-AS
15	15G1	00001074	Netzteil	SP320-24/13
16	18A1	00001884	IO-Link Master	
100	90X1	00001087	Reihenschelle lichtgrau	
101	90X2	00001089	Profilschiene gelocht 20x8 2m	
102	90X3	00001088	Tragschiene - Hutschiene 35/7,5	

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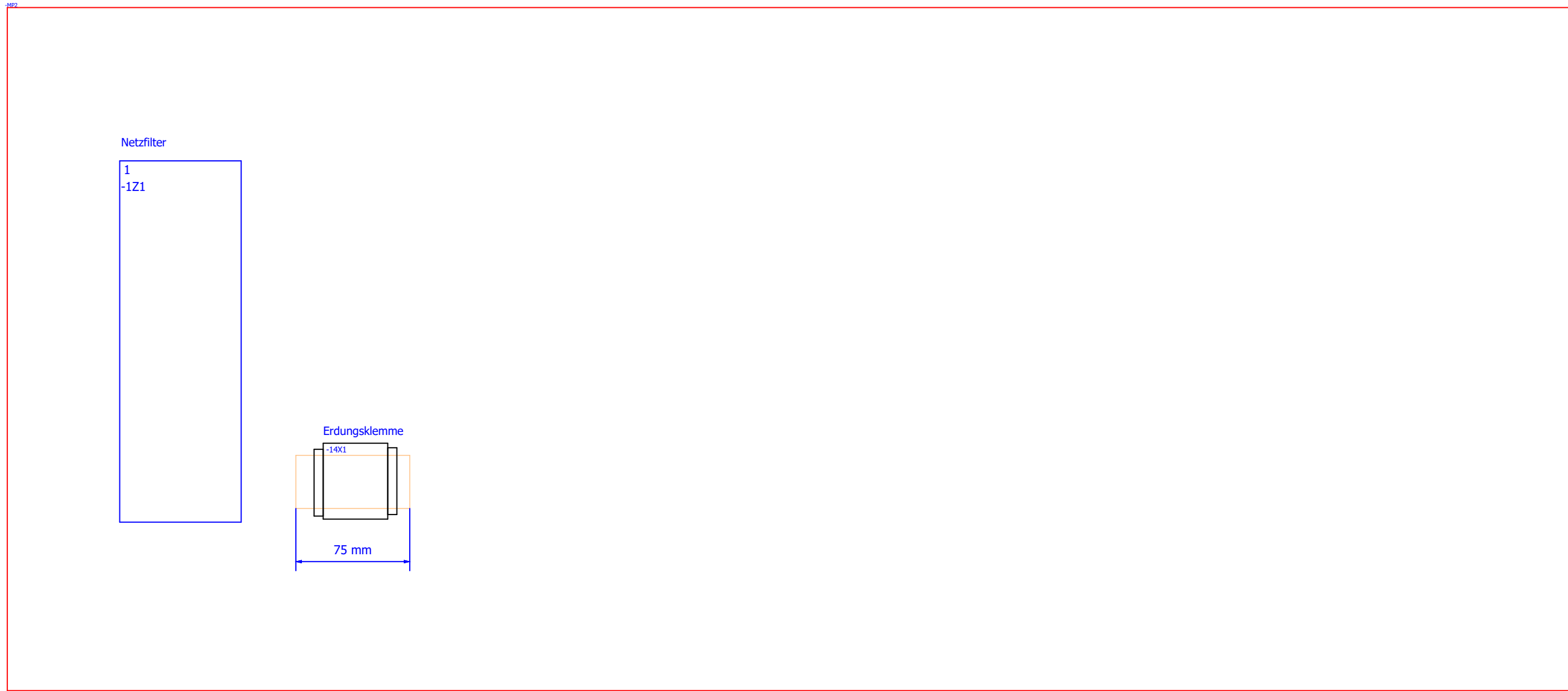
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Electronic Interface

= 1615		Blatt	90a
+ 1774		Blatt	158

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Electronic Interface  
Schaltschrank-Montage

		= 1615	
		+ 1774	
	Blatt	91	
	Blatt	158	



# Artikelstückliste

Betriebsmittelkennzeichen	Seite	Menge	Länge	Artikelnummer	Bezeichnung
=16156X1		1		00001060	Schraubenlose Endklammer
=16151W3	1	1	2,2 m	00001058	Kabel
=16151Z1	1	1		00001066	Netzfilter 3Phasen 16A
=16153EP1	2	1		00001069	Ringkabelschuh
=16152F1	2	1		00001067	FI/LS-Kombischalter
=16152F2	2	1		00001892	Leitungsschutzschalter
=16152F3	2	1		00001892	Leitungsschutzschalter
=16152F4	2	1		00001071	Leitungsschutzschalter C13A
=16152X10	2	1		00001068	Schutzkontakt Steckdose
=16154F1	4	1		00001095	Elektronischer Sicherungsautomat
=16154F1	4	75		00001094	Stromschiene
=16154F2	4	1		00001095	Elektronischer Sicherungsautomat
=16154F3	4	1		00001095	Elektronischer Sicherungsautomat
=16154G1	4	1		00001074	Netzteil
=16155K1	5	1		00001078	Sicherheitsmodul für Not-Aus, Tür, Ultra Slim
=16156K1	6	1		00001890	Leistungsschutz
=16156K2	6	1		00001890	Leistungsschutz
=16157A1	7	1		00001879	Servoantriebsregler
=16157W1	7	1	5 m	00001080	Kabel LiYCY 5x0,34 geschirmt
=16157W10	7	1	0,5 m	00001107	Patchkabel 0,5m
=16157W18	7	1	0,5 m	00001107	Patchkabel 0,5m
=16158A1	8	1		00001879	Servoantriebsregler
=16158W1	8	1	5 m	00001080	Kabel LiYCY 5x0,34 geschirmt
=16158W10	8	1	0,5 m	00001107	Patchkabel 0,5m
=16158W18	8	1	0,5 m	00001107	Patchkabel 0,5m
=16159A1	9	1		00001880	Servoantriebsregler
=16159W1	9	1	5 m	00001080	Kabel LiYCY 5x0,34 geschirmt
=16159W18	9	1	0,5 m	00001107	Patchkabel 0,5m
=161510A1	10	1		00001826	USV
=161510W1	10	1	3 m	Gerätekabel_Farben	Gerätekabel mehrpolig
=161510W2	10	1	3 m	Gerätekabel_Nummern	Gerätekabel mehrpolig
=161511A1	11	1		00001191	Gigabit 8 Port LAN Switch
=161511W1	11	1	1,5 m	00001956	Patchkabel RJ45 Cat6 1,5 m schwarz
=161511W2	11	1	1 m	Gerätekabel_Nummern	Gerätekabel mehrpolig
=161515K1	15	1		00001081	EtherCAT-Koppler
=161515K2	15	1		00001082	4-Kanal-Digital-Ausgangsklemme 24V
=161515W1	15	1	3 m	00001108	Patchkabel 3m
=161515W2	15	1	3 m	00001108	Patchkabel 3m
=161516K1	16	1		00001084	Potentialeinspeiseklemme 24V DC
=161516K2	16	1		00001082	4-Kanal-Digital-Ausgangsklemme 24V
=161516K3	16	1		0001912	4-Kanal-Digital-Eingangsklemme 24VDC,PNP
=161516K4	16	1		00001912	
=161517K1	17	1		00001082	4-Kanal-Digital-Ausgangsklemme 24V
=161517K2	17	1		00001912	
=161517K3	17	1		00001913	2-Kanal-Relais-Ausgangsklemmen
=161518A1	18	1		00001884	IO-Link Master
=161518W1	18	1	3 m	00001108	Patchkabel 3m
=161570K1	70	1		00001110	Endkappe
=1615	90	20		00001087	Reihenschelle lichtgrau
=1615	90	2		00001088	Tragschiene - Hutschiene 35/7,5
=1615	90	1		00001089	Profilschiene gelocht 20x8 2m

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Bearb.	GWMA
Gepr.	25.11.2020
Änderung	Datum
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	Gepr.
	UNMA

PRS1000 PartRivetingSystem



Electronic Interface  
Artikelstückliste Elektrotechnik

= 1615		Blatt	100
+ 1774		Blatt	158



# Verbindungsliste

innomotec\_F27\_001

Verbindung	Quelle	Ziel	Querschnitt	Farbe	Länge	Seite / Spalte 1	Seite / Spalte 2	Funktionsdefinition	Artikelnummer innomotec	Bezeichnung
01001	-1X1:L1	-1X2:1	2,5	BK	0,22 m	/1.1	/1.5	Ader / Draht	00001103	PVC Aderleitung Yf 2,5 schwarz
01002	-1X1:L2	-1X2:3	2,5	BK	0,22 m	/1.1	/1.5	Ader / Draht	00001103	PVC Aderleitung Yf 2,5 schwarz
01002	-1X1:N	-2X1:N	2,5	BU	0,4 m	/1.2	/2.8	Ader / Draht	00001102	PVC Aderleitung Yf 2,5 blau
01002	-1X1:N	-2X1:N	2,5	BU	0,4 m	/1.2	/2.3	Ader / Draht	00001102	PVC Aderleitung Yf 2,5 blau
01003	-1X1:L3	-1X2:4	2,5	BK	0,22 m	/1.1	/1.6	Ader / Draht	00001103	PVC Aderleitung Yf 2,5 schwarz
01004	-2F1:2	-1X2:5	2,5	BK	0,49 m	/2.3	/1.7	Ader / Draht	00001103	PVC Aderleitung Yf 2,5 schwarz
01005	-1X1:PE	-1X2:PE	2,5	GNYE	0,47 m	/1.2	/1.6	Ader / Draht	00001104	PVC Aderleitung Yf 2,5 gelb/grün
01005	-1X1:PE	-2X1:PE	2,5	GNYE	0,47 m	/1.2	/2.9	Ader / Draht	00001104	PVC Aderleitung Yf 2,5 gelb/grün
01005	-1X1:PE	-2X1:PE	2,5	GNYE	0,47 m	/1.2	/2.8	Ader / Draht	00001104	PVC Aderleitung Yf 2,5 gelb/grün
01005	-1X1:PE	-2X1:PE	2,5	GNYE	0,47 m	/1.2	/2.7	Ader / Draht	00001104	PVC Aderleitung Yf 2,5 gelb/grün
01005	-1X1:PE	-2X1:PE	2,5	GNYE	0,47 m	/1.2	/2.5	Ader / Draht	00001104	PVC Aderleitung Yf 2,5 gelb/grün
01005	-1X1:PE	-2X1:PE	2,5	GNYE	0,47 m	/1.2	/2.3	Ader / Draht	00001104	PVC Aderleitung Yf 2,5 gelb/grün
01005	-1X1:PE	-2X1:PE	2,5	GNYE	0,47 m	/1.2	/2.1	Ader / Draht	00001104	PVC Aderleitung Yf 2,5 gelb/grün
01005	-6K1:3	-1X2:6	2,5	BK	0,49 m	/2.5	/1.7	Ader / Draht	00001103	PVC Aderleitung Yf 2,5 schwarz
01009	-14X1:PE	-1Z1:PE	2,5	GNYE	0,666 m	/12.1	/1.2	Ader / Draht	00001104	PVC Aderleitung Yf 2,5 gelb/grün
02001	-2F1:1	-2X10:L1	2,5	BK	0,44 m	/2.3	/2.1	Ader / Draht	00001103	PVC Aderleitung Yf 2,5 schwarz
02002	-2X1:PE	-2X10:PE	2,5	GNYE	0,56 m	/2.1	/2.1	Ader / Draht	00001104	PVC Aderleitung Yf 2,5 gelb/grün
02003	-2F1:N	-2X10:N	2,5	BU	0,42 m	/2.3	/2.1	Ader / Draht	00001102	PVC Aderleitung Yf 2,5 blau
02004	-2F1:2	-6K1:1	2,5	BK	0,63 m	/2.3	/2.5	Ader / Draht	00001103	PVC Aderleitung Yf 2,5 schwarz
02005	-2F1:1	-2X2:L1	2,5	BK	0,62 m	/2.3	/2.3	Ader / Draht	00001103	PVC Aderleitung Yf 2,5 schwarz
02006	-2F1:N	-2X1:N	2,5	BU	0,31 m	/2.3	/2.3	Ader / Draht	00001102	PVC Aderleitung Yf 2,5 blau
02007	-2F1:N	-2X2:N	2,5	BU	0,66 m	/2.3	/2.3	Ader / Draht	00001102	PVC Aderleitung Yf 2,5 blau
02007	-6K1:5	-1X2:7	2,5	BK	0,49 m	/2.5	/1.7	Ader / Draht	00001103	PVC Aderleitung Yf 2,5 schwarz
02008	-2X1:PE	-2X2:PE	2,5	GNYE	0,666 m	/2.3	/2.3	Ader / Draht	00001104	PVC Aderleitung Yf 2,5 gelb/grün
02009	-2F2:1	-6K1:2	1,5	BN	0,23 m	/2.5	/2.5	Ader / Draht	00001898	PVC Aderleitung Yf 1,5 braun
02010	-2F2:2	-7X9A:2	1,5	BN	0,23 m	/2.5	/7.2	Ader / Draht	00001898	PVC Aderleitung Yf 1,5 braun
02011	-2F2	-6K1:4	1,5	BK	0,23 m	/2.5	/2.5	Ader / Draht	00001099	PVC Aderleitung Yf 1,5 schwarz
02012	-2F2	-7X9A:3	1,5	BK	0,23 m	/2.5	/7.3	Ader / Draht	00001099	PVC Aderleitung Yf 1,5 schwarz
02013	-2F4:1	-6K1:5	2,5	BK	0,63 m	/2.8	/2.5	Ader / Draht	00001103	PVC Aderleitung Yf 2,5 schwarz
02014	-2F2	-6K1:6	1,5	GY	0,23 m	/2.5	/2.5	Ader / Draht	00001900	PVC Aderleitung Yf 1,5 grau
02014	-7X9A:1	-9X9A:1	1,5	GNYE	0,23 m	/7.2	/9.2	Ader / Draht	00001098	PVC Aderleitung Yf 1,5 gelb/grün
02014	-7X9A:1	-8X9A:1	1,5	GNYE	0,23 m	/7.2	/8.2	Ader / Draht	00001098	PVC Aderleitung Yf 1,5 gelb/grün
02015	-2F2	-7X9A:4	1,5	GY	0,23 m	/2.5	/7.3	Ader / Draht	00001900	PVC Aderleitung Yf 1,5 grau
02016	-2X1:PE	-7X9A:1	1,5	GNYE	0,23 m	/2.5	/7.2	Ader / Draht	00001098	PVC Aderleitung Yf 1,5 gelb/grün
02017	-2F3:2	-6K2:1	1,5	BN	0,23 m	/2.6	/2.6	Ader / Draht	00001898	PVC Aderleitung Yf 1,5 braun
02018	-2F3	-6K2:3	1,5	BK	0,23 m	/2.6	/2.6	Ader / Draht	00001099	PVC Aderleitung Yf 1,5 schwarz
02019	-2F3	-6K2:5	1,5	GY	0,23 m	/2.6	/2.7	Ader / Draht	00001900	PVC Aderleitung Yf 1,5 grau
02020	-2F4:2	-4G1:1	1,5	BK	0,77 m	/2.8	/4.0	Ader / Draht	00001099	PVC Aderleitung Yf 1,5 schwarz
02023	-3EP1:PE	-2X1:PE	1,5	GNYE	0,5 m	/2.9	/2.9	Ader / Draht	00001098	PVC Aderleitung Yf 1,5 gelb/grün
02023	-7X9A:2	-9X9A:2	1,5	BN	0,23 m	/7.2	/9.2	Ader / Draht	00001898	PVC Aderleitung Yf 1,5 braun
02023	-7X9A:2	-8X9A:2	1,5	BN	0,23 m	/7.2	/8.2	Ader / Draht	00001898	PVC Aderleitung Yf 1,5 braun
02024	-7X9A:3	-9X9A:3	1,5	BK	0,23 m	/7.3	/9.2	Ader / Draht	00001099	PVC Aderleitung Yf 1,5 schwarz
02024	-7X9A:3	-8X9A:3	1,5	BK	0,23 m	/7.3	/8.2	Ader / Draht	00001099	PVC Aderleitung Yf 1,5 schwarz
02025	-7X9A:4	-9X9A:4	1,5	GY	0,23 m	/7.3	/9.3	Ader / Draht	00001900	PVC Aderleitung Yf 1,5 grau
02025	-7X9A:4	-8X9A:4	1,5	GY	0,23 m	/7.3	/8.3	Ader / Draht	00001900	PVC Aderleitung Yf 1,5 grau
04012	-4G1:3	-4G1:5	1,5	GNYE	0,76 m	/4.1	/4.1	Ader / Draht	00001098	PVC Aderleitung Yf 1,5 gelb/grün
04013	-4G1:4	-4X1:1	1,5	DB	0,65 m	/4.0	/4.0	Ader / Draht	00001918	PVC Aderleitung Yf 1,5 dunkelblau
04014	-4F1:1	-4G1:6	1,5	DB	0,66 m	/4.1	/4.1	Ader / Draht	00001918	PVC Aderleitung Yf 1,5 dunkelblau
04015	-4F1:2	-4X2:1	0,5	DB	0,45 m	/4.1	/4.1	Ader / Draht	00001056	PVC Aderleitung Ysf 0,5 dunkelblau
04016	-4F1:3	-4X1:2	1,5	DB	0,34 m	/4.1	/4.1	Ader / Draht	00001918	PVC Aderleitung Yf 1,5 dunkelblau
04020	-4F2:2	-5K1:14	0,5	DB	0,3 m	/4.2	/4.2	Ader / Draht	00001056	PVC Aderleitung Ysf 0,5 dunkelblau
04021	-5K1:13	-4X2:3	0,5	DB	0,28 m	/4.2	/4.2	Ader / Draht	00001056	PVC Aderleitung Ysf 0,5 dunkelblau
04021	-4G1:2	-2X1:N	1,5	BU	0,18 m	/4.0	/2.8	Ader / Draht	00001100	PVC Aderleitung YF 1,5 blau
04022	-4F3:2	-4X2:4	0,5	DB	0,42 m	/4.3	/4.3	Ader / Draht	00001056	PVC Aderleitung Ysf 0,5 dunkelblau
04022	-4G1:3	-2X1:PE	1,5	GNYE	0,5 m	/4.1	/2.8	Ader / Draht	00001098	PVC Aderleitung Yf 1,5 gelb/grün
05001	-5K1:41	-4X2:4	0,5	DB	0,92 m	/5.0	/4.3	Ader / Draht	00001056	PVC Aderleitung Ysf 0,5 dunkelblau
05002	-5K1:42	-5X1:1	0,5	DB	0,4 m	/5.0	/5.0	Ader / Draht	00001056	PVC Aderleitung Ysf 0,5 dunkelblau

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	UNMA

PRS1000 PartRivetingSystem



Maschinenbau | Anlagentechnik | Anlagenbau

Electronic Interface  
Verbindungsliste Elektrotechnik

= 1615  
+ 1774

Blatt 130  
Blatt 158



















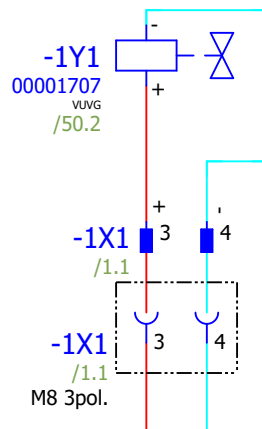




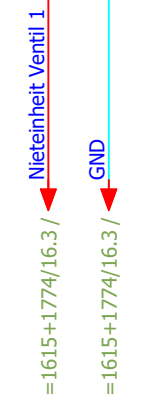


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Nieteinheit Ventil 1

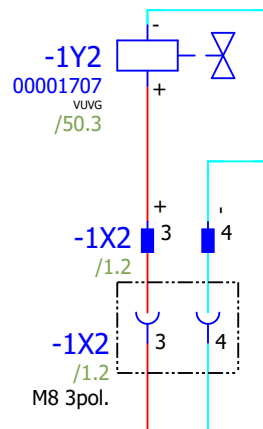


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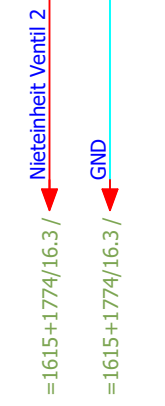


Beckhoff

Nieteinheit Ventil 2

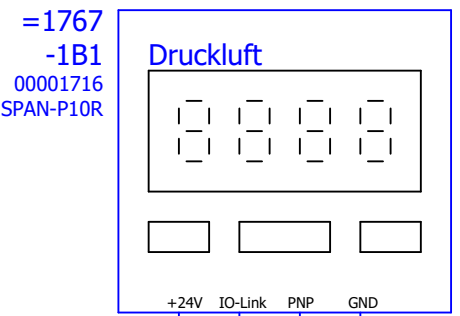


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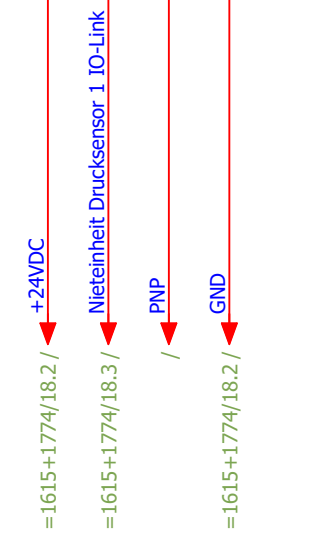


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Nieteinheit Drucksensor 1

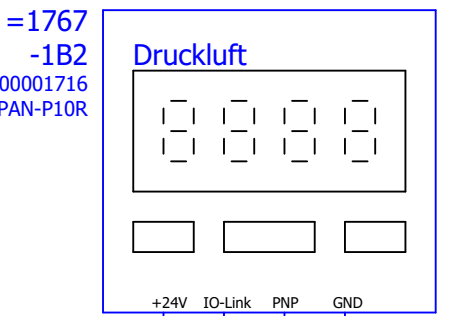


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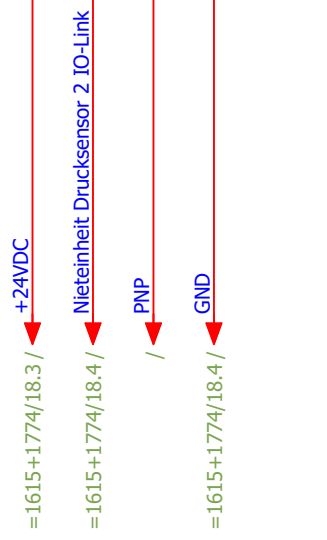


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Nieteinheit Drucksensor 2

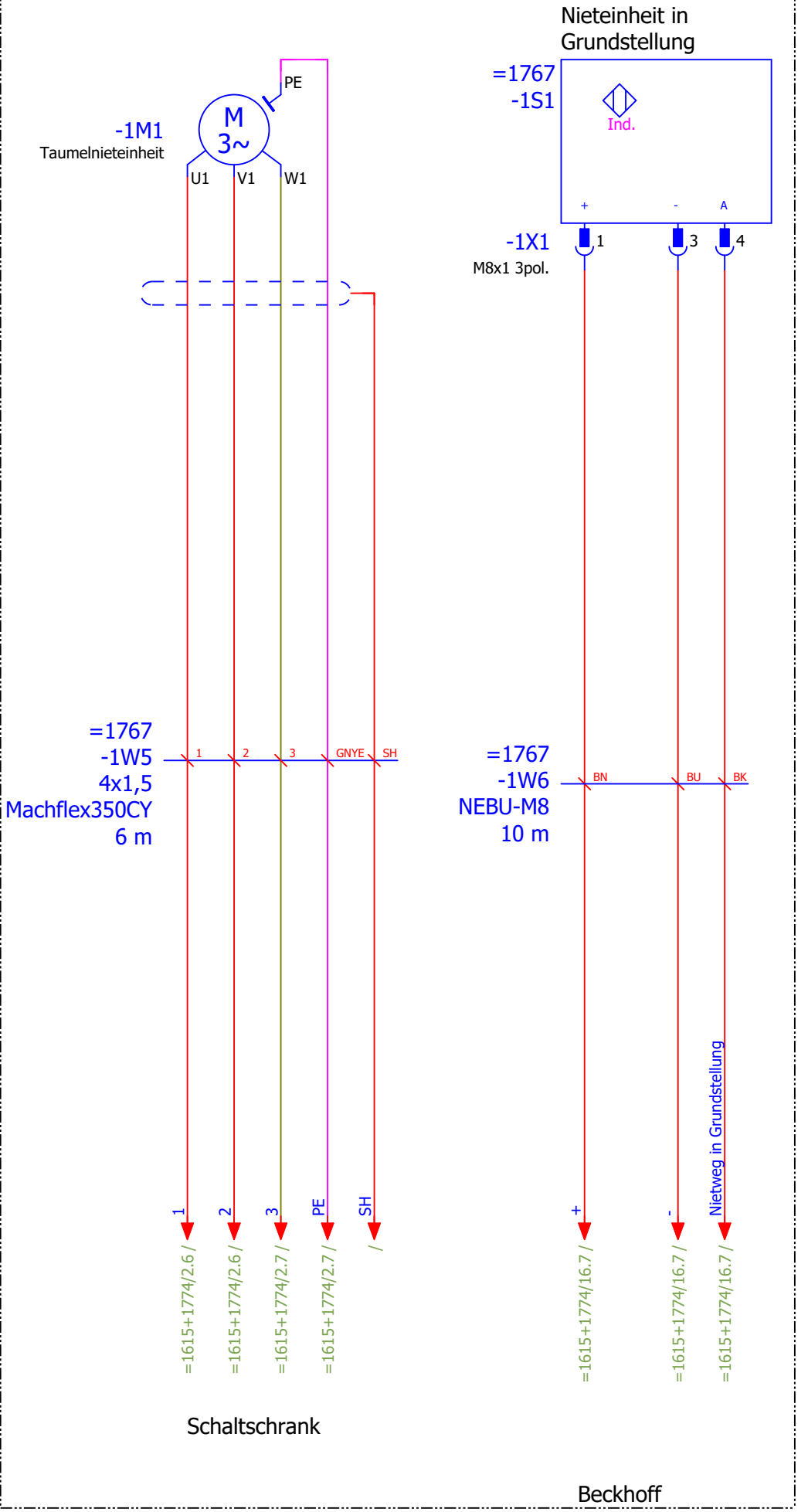


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Taumelnieteinheit



Schaltschrank

Beckhoff

Datum	14.12.2020
Bearb.	GWMA
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Änderung	Datum
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Gepr.	UNMA

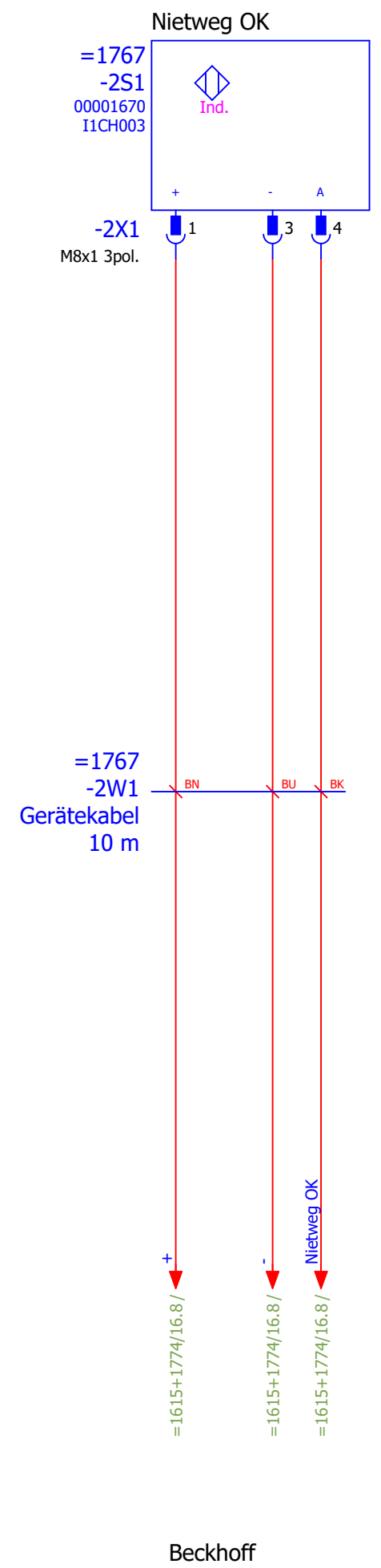
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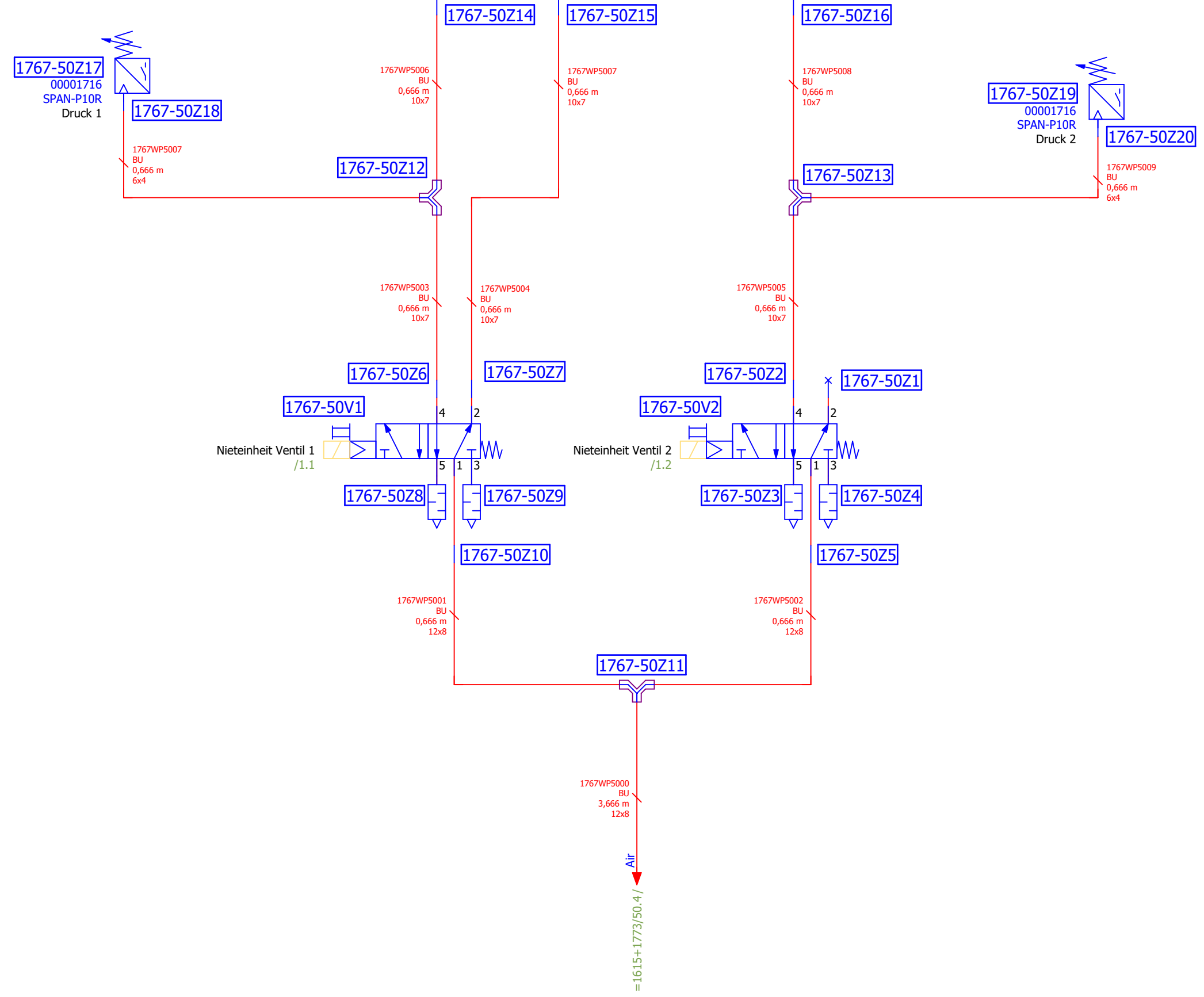
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**Taumenlieteinheit**

Kraftstufe 1      Gesamthub zurück      Kraftstufe 2



Pneumatik

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Änderung	Datum
	Name
Gepr.	UNMA

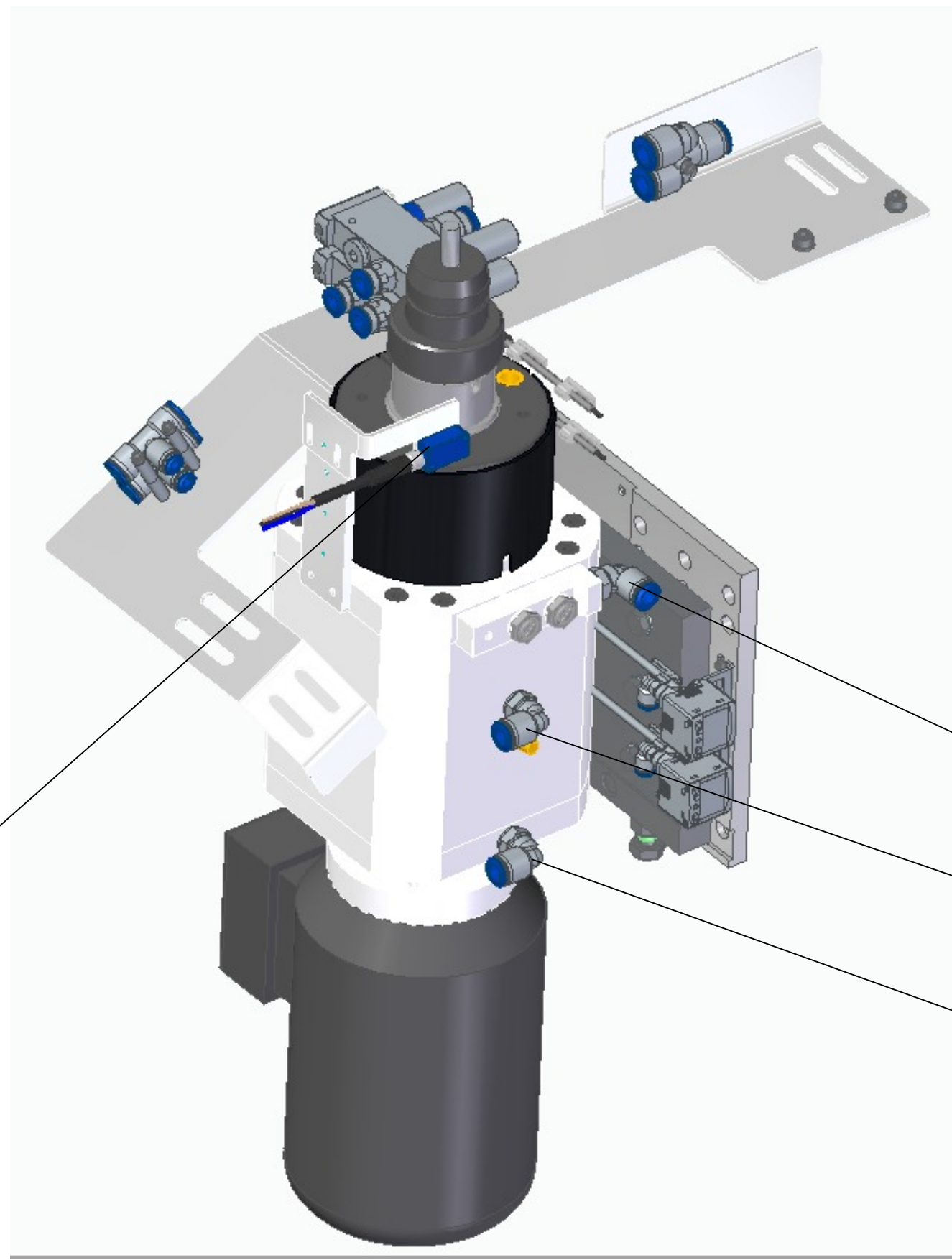
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Änderung	Datum	Name	Gepr. UNMA

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 Nieteinheit

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