



MÜLLER
FLEXIBLE PAPER HANDLING SOLUTIONS

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Projektname: **5520I_Müller_Stacker_V1_5A**

Projektbeschreibung: **Müller Stacker**

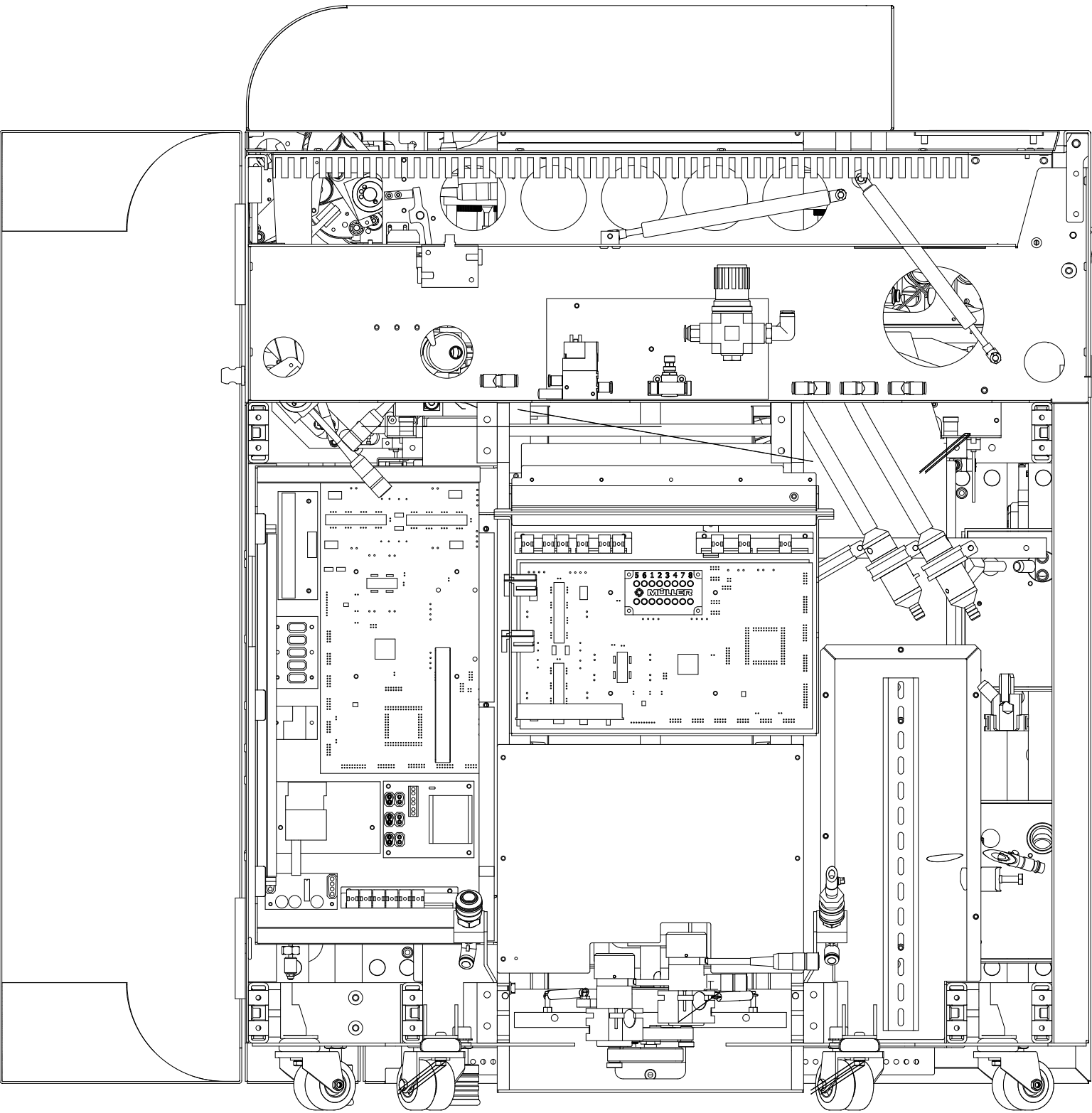
Quellsprache: **de_DE**

Art des Projekts: **Schaltplanprojekt**

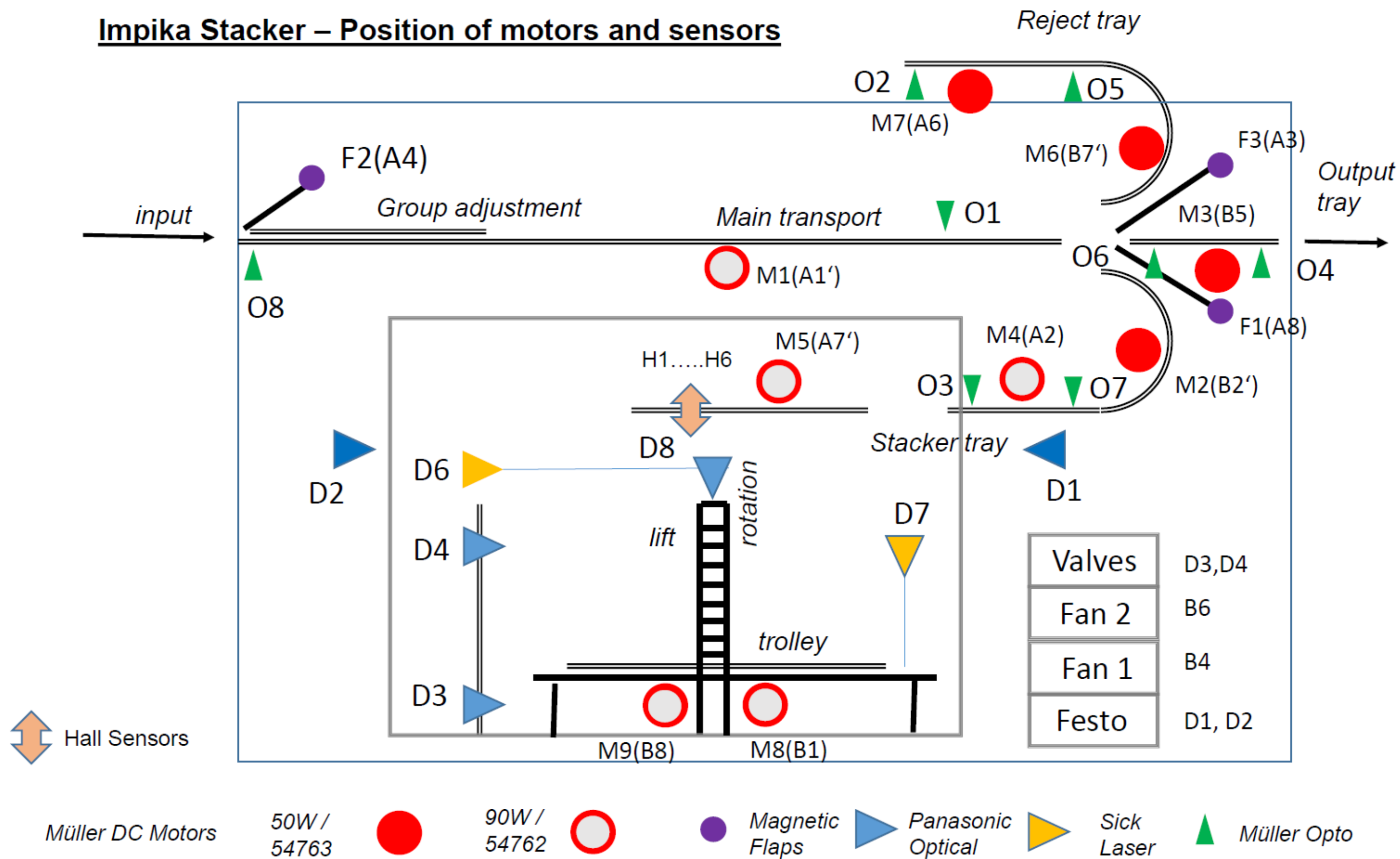
Eplan Informationen:

Letzte Änderung: 29.03.2018
Letzter Bearbeiter: Bischof
Zuletzt verwendete E-Plan Version: 2.4.4

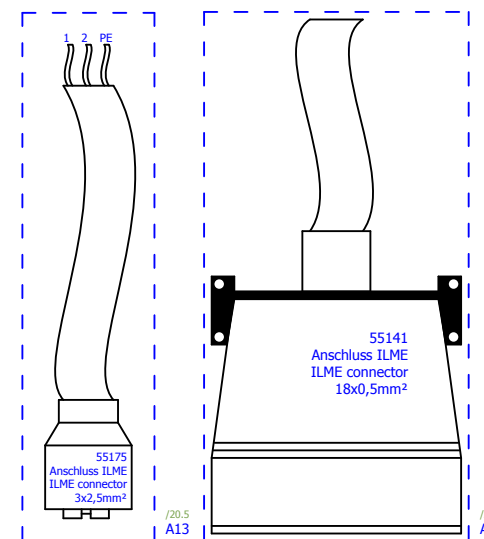
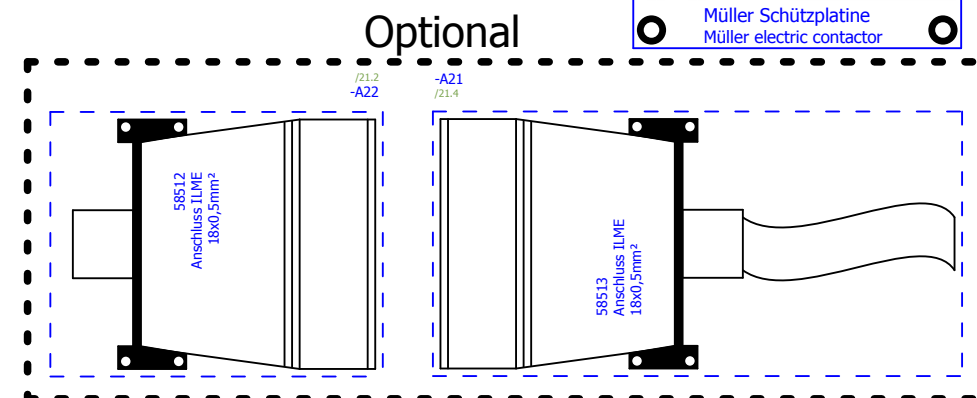
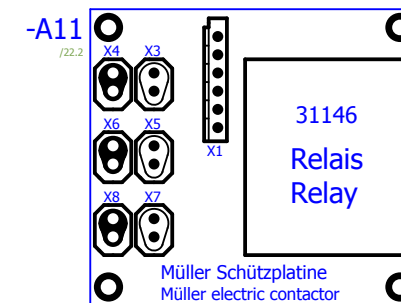
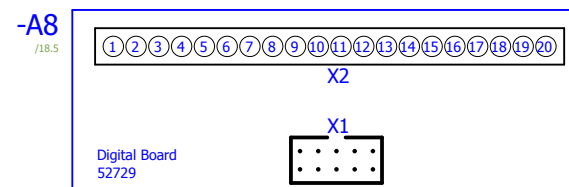
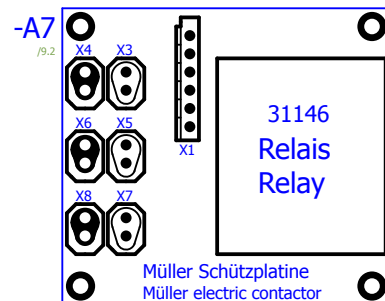
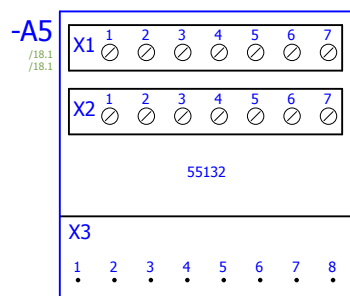
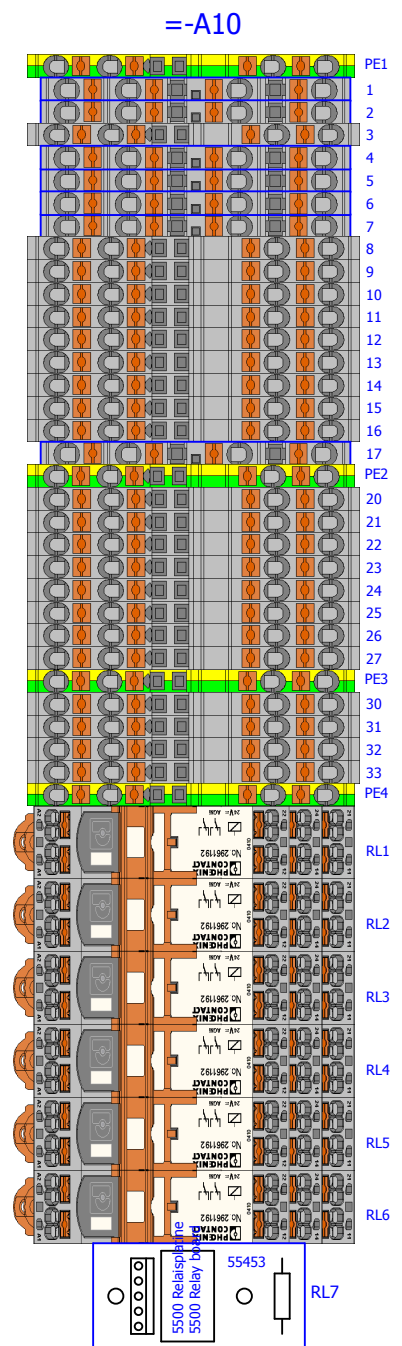
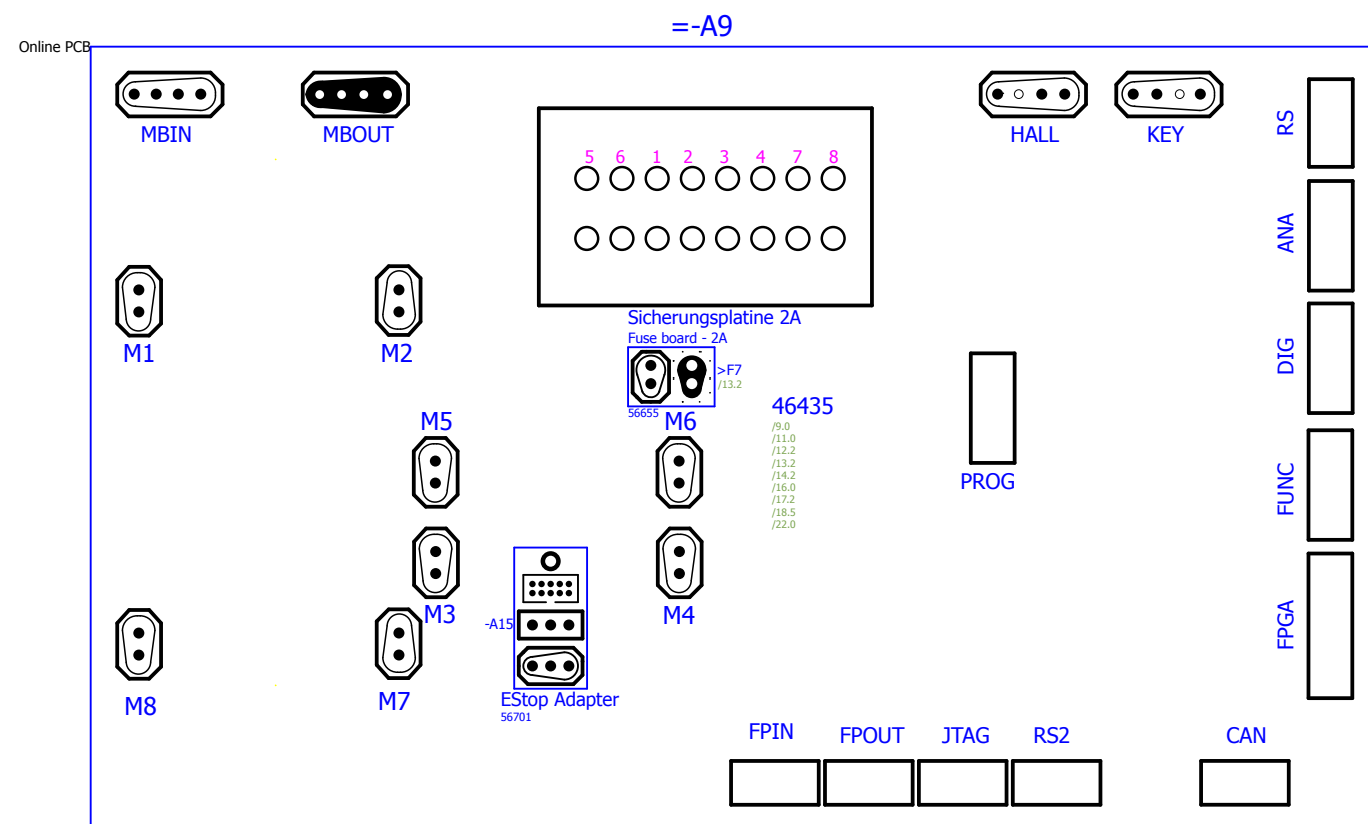
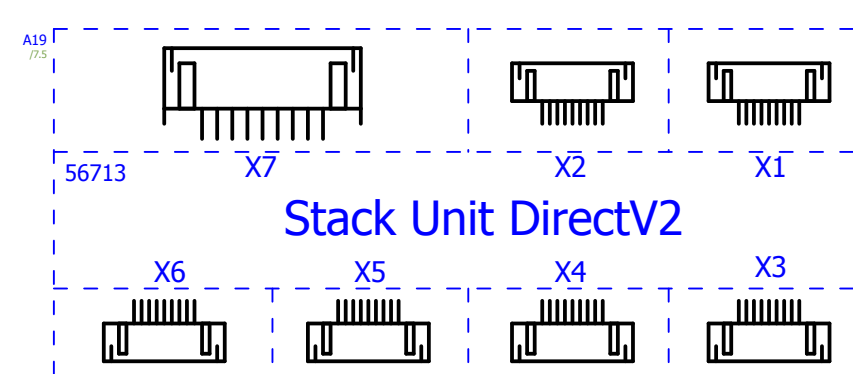
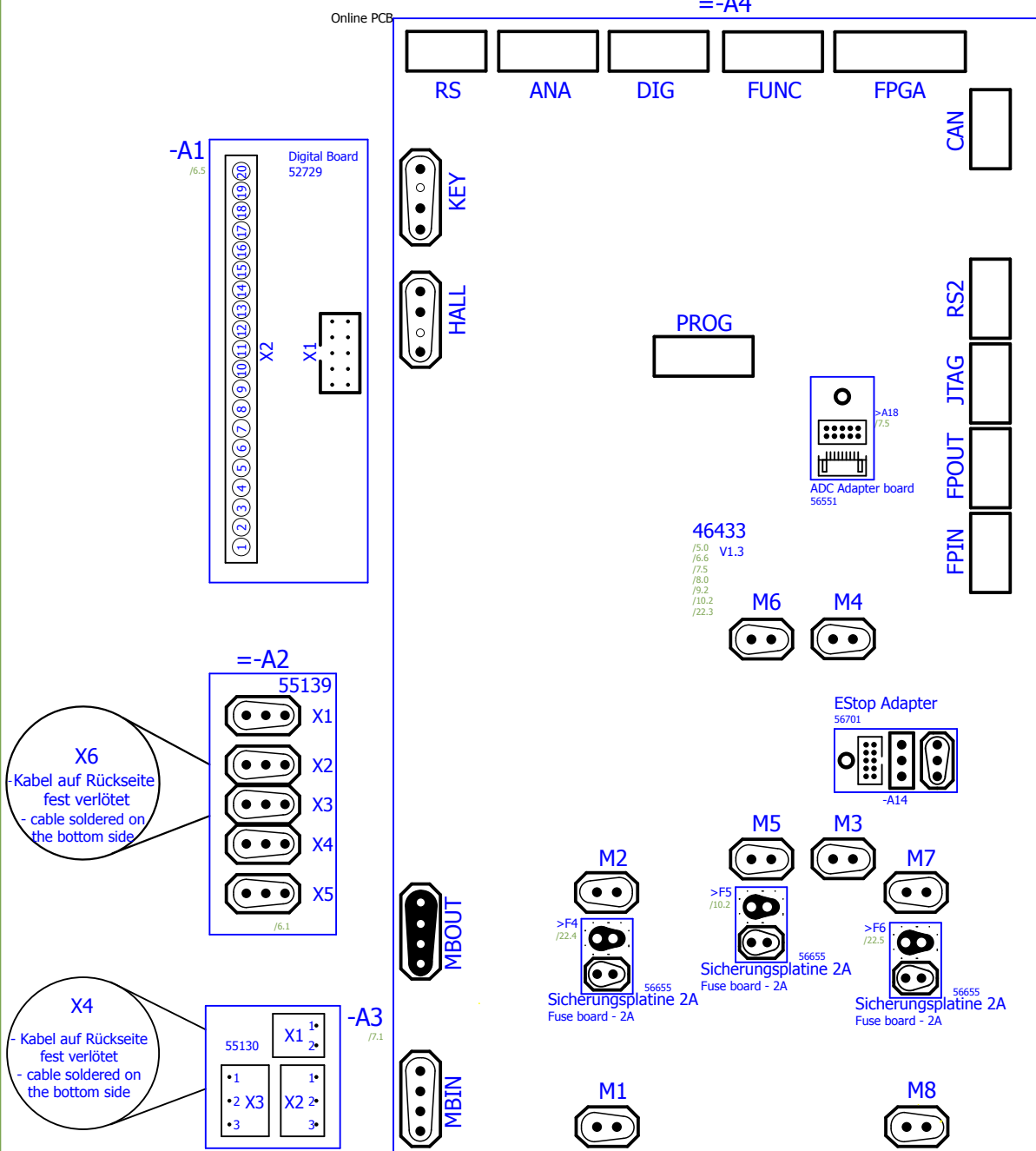
5520I



Impika Stacker – Position of motors and sensors



Stacker overview 5520I



2.a

Anlage			Datum	29.03.2018	EPLAN	Maßstab: 1,66
Aufstellungsort			Bearb.	bischof		
Einbauort			Gepr		Müller Stacker	
Änderung	Datum	Name	Urspr			



Betriebsmittelübersicht 5520I

IEC_tpl001

Blatt 3

Blatt 34

Verdrahtungsplan / Wiring plan

Ursprung/ Source	Teilenummer/ Partnumber R = Rückweg/ R = way back I = integriert / I = included	Ziel/ Destination	Farbe color	Beschriftung/ Label E: = Einzeladerbeschriftung E: = single wire label	Funktion/ Function	Ursprung/ Source	Teilenummer/ Partnumber	Ziel/ Destination	Farbe color	Beschriftung/ Label E: = Einzeladerbeschriftung E: = single wire label	Funktion/ Function	Ursprung/ Source	Teilenummer/ Partnumber	Ziel/ Destination	Farbe color	Beschriftung/ Label E: = Einzeladerbeschriftung E: = single wire label	Funktion/ Function	Ursprung/ Source	Teilenummer/ Partnumber	Ziel/ Destination	Farbe color	Beschriftung/ Label E: = Einzeladerbeschriftung E: = single wire label	Funktion/ Function	
A1 (X1)	54672	A4 (DIG)	-	A1-X1/A4-DIG	-	A4 (RS)	N.C.	-	-	-	-	A8 (X2:16)	R	A10 (9:2)	-	-	-	A11 (X5)	56514	M2	-	A11-X5/M2	Motor Blattwende paper flip	
A1 (X2)	R	A3 (X4)	-	E: A1-X2(13)/A3-X4 E: A1-X2(15)/A3-X4	-	A4 (ANA)	54672	A18 (X1)	-	A4-ANA/A18-X1	-	A8 (X2:17)		A10 (11:2)	-	-	-	A11 (X6)	54666	F4 (Output)	-	A11-X6/F4-Out	-	
A1 (X2)	R	A2 (X6)	-	-	-	A4 (DIG)	R	A1 (X1)	-	A1-X1/A4-DIG	-	A9 (M1)	54658	A11 (X4)	-	A9-M1/A11-X4	-	A11 (X7)	56514	M6	-	A11-X7/M6	Motor Aussteuerfach Blattwende trigger tray paper flip	
A1 (X2:17)	59571	A10 (14:3)	BN	A10(14/15)/ A1:X2(17/18)	-	A4 (FUNC)	N.C.	-	-	-	-	A9 (M2)	56501	M4	-	A9-M2/M4	Einlaufstapel/ arrival tray	A11 (X8)	54666	F6 (Output)	-	A11-X8/F6-Out	-	
A1 (X2:18)		A10 (15:3)	WH		-	A4 (CAN)	55140	A9 (CAN)/A10 (1:1)	GY 3	A4-CAN / A10 (1/2/3/PE)	-	A9 (M3)	54666	F3	-	A9-M3/F3	Hübmagnet Klappe Aussteuerfach / solenoid hatch adjustment tray	A12	I	A10:1-17/PE (PE)	-	A12/ A10(1 to 17/PE)	-	
A2 (X1)	R	D1	-	A2-X1/D1	Notaus	A4 (CAN)		A9 (CAN)/A10 (2:1)	GY 4		-	A9 (M4)	53309	F2	-	A9-M4/F2	Hübmagnet Klappe Gruppentrennung / solenoid hatch group division	A13 (1)	I	A10 (26:4)	BK 1	A13(1/2/PE) / A10(26/23/PE)	-	
A2 (X2)	R	D2	-	A2-X2/D2	Notaus	A4 (CAN)		A9 (CAN)/A10 (3:1)	GY 5	-	A9 (M5)	N.C.	-	-	-	-	A13 (2)	A10 (23:4)		BK 2	-			
A2 (X3)	R	D3	-	A2-X3/D3	Lift unten	A4 (CAN:Schirm)		A10 (PE1)	Schrim	-	A9 (M6)	gesteckt	F7 (Input)	-	-	-	-	A13 (PE)		A10 (PE2:4)	GNYE		-	
A2 (X4)	R	D4	-	A2-X4/D4	Lift oben	A4 (RS2)	N.C.	-	-	-	-	A9 (M7)	R	A7 (X4)	-	A7-X4/A9-M7	-	-	-	-	-	-	-	
A2 (X5)	N.C.	-	-	-	-	A4 (JTAG)	N.C.	-	-	-	-	A9 (M8)	54656	F1	-	A9-M8/F1	Hübmagnet Klappe Stacker Fach / solenoid hatch stacker panel	A14 (X1)	R	A4 (FPIN)	-	-	-	
A2 (X6:bu)	I	A1 (X2:20)	BU	A2-X6/A1-X2	-	A4 (FPOUT)	N.C.	-	-	-	-	A9 (CN4)	I	Lüfter 3	-	-	Lüfter 3 / Fan 3	A14 (X2)	56541	D8	-	A14-X2/D8	-	
A2 (X6:bn)		A1 (X2:19)	BN			A4 (FPIN)	56700	A14 (X1)	-	A4-FPIN/A14-X1	-	A9 (MBIN:1)	55114	Schirm	OG	A9-MBIN (ye/gn/bn/wh)/ A10(21/25/26/20)	-	A14 (X3:1)	R	A7 (X1:5)	-	A7-X1(5/6)/ A14-X3(1/2)	-	
A2 (X6:bk)		A1 (X2:11)	BK			A4 (PROG)	N.C.	-	-	-	-	A9 (MBIN:2)		A10 (21:3)	YE		-	A14 (X3:2)		A7 (X1:6)	-		-	
A2 (X6:gn)		A1 (X2:9)	GN			A5 (X1)	R	Festo_V RL3 ; RL4 ; RL5 ; RL6 GN_LAMP	-	diverse many	-	A9 (MBIN:3)		A10 (25:3) A10 (26:3)	GN BN		-	A15 (X1)	R	A9 (FPIN)	-	-	-	
A2 (X6:ye)		A1 (X2:7)	YE			A5 (X2)			-		-	A9 (MBIN:4)		A10 (20:3)	WH		-	A15 (X2)	N.C.	-	-	-	-	
A2 (X6:vi)		A1 (X2:5)	VT			A5 (X3:bu)	I	A5-X3/A8-X2	BU	-	-	A9 (MBOUT:1)	55115	Schirm	OG	A9-MBOUT (ye/gn/bn/wh)/ A10(22/27/27/24)	-	A15 (X3:1)	R	A11 (X1:5)	-	A15-X3(1/2)/ A11-X1(5/6)	-	
A2 (X6:rd)		A1 (X2:3)	RD			A5 (X3:pk)			PK		-	A9 (MBOUT:2)		A10 (22:3)	YE		-	A15 (X3:2)		A11 (X1:6)	-		-	
A3 (X1:1)	55138	A10 (31:3)	BK	A3-X1(1/2) / A10(31/32)	-	A5 (X3:bn)			BN		-	A9 (MBOUT:3)		A10 (27:4) A10 (27:3)	GN BN		-	A15 (X3:3)	R	A10 (10:2)	-	-	-	
A3 (X1:2)		A10 (32:4)	WH			A5 (X3:ye)			YE		-	A9 (MBOUT:4)		A10 (24:3)	WH		-	A16 (1)	I	RL5 (14)	BN	A16(bn/wh/bu/gnye)/ RL5(14/14/24),A10(PE)	Antistatik Antistatic	
A3 (X2:1)	R	D7:Q	BK	A3-X2/D7	Palette erkannt / pallet recognized	A5 (X3:gn)			GN		-	A9 (HALL)	N.C.	-	-	-	A16 (2)	RL5 (14)		WH				
A3 (X2:2)		D7:-	BU			A5 (X3:gy)			GY		-	A9 (KEY)	N.C.	-	-	-	A16 (3)	RL5 (24)		BU				
A3 (X2:3)		D7:+	BN			A5 (X3:wh)			WH		-	A9 (RS)	N.C.	-	-	-	-	A16 (4)		N.C.	-			
A3 (X3:1)	R	D6:Q	BK	A3-X3/D6	Sick Höhe 90% / Sick hight 90%	A5 (X3:rd)	I		RD		-	A9 (ANA)	N.C.	-	-	-	-	A16 (5)	I	A10 (PE4:4)	GNYE	-	Verbindungskabel mit Sicherung Connectioncable with fuse	
A3 (X3:2)		D6:-	BU			A5 (X3:PE)			Schirm		-	A9 (DIG)	55498	A8 (X1)	-	A8-X1/A9-DIG	-	A17 (1)		A10 (30:4)	BN			
A3 (X3:3)		D6:+	BN			A6 (X1:2)			WH		-	A9 (FUNC)	N.C.	-	-	-	-	A17 (2)		RL5 (11)	BN			
A3 (X4:gn)	I	A1 (X2:13)	GN	E: A1-X2(13)/A3-X4	-	A6 (X1:3)	55113	A10 (22:4)	WH	A6-X1 / A10 (22/25)	-	A9 (CAN:3)	55140	A4 (CAN)/A10 (101:1)	GY 3	A9-CAN/ A10(101/102/3/PE)	-	A18 (X1)	R	A4 (ANA)	-	-	-	
A3 (X4:rd)		A1 (X2:15)	RD	E: A1-X2(15)/A3-X4		A6 (X2:1)	55170	A10 (25:4)	BK		-	A9 (CAN:4)		A4 (CAN)/A10 (102:1)	GY 4		-	A18 (X2)	56539	A19 (X7)	-	A18-X2/A19-X7	-	
A4 (M1)	54658	A7 (X6)	-	A4-M1/A7-X6	-	A6 (X2:2)	55168	A10 (32:2)	WH	A6-X2 / A10 (32/33)	-	A9 (CAN:5)		A9 (CAN:Schirm)	A4 (CAN)/A10 (3:2)	GY 5	A4-CAN/A9-CAN	-	A19 (X1)	R	H1	-	-	-
A4 (M2)	gesteckt	F4 (Input)	-	-	-	A7 (X1:1)		A10 (21:1)	WH		-	A7-X1(1/2)/ A10(21/26)			-	A10 (PE1)		Schirm	-	A19 (X2)	R	H2	-	-
A4 (M3)	N.C.	-	-	-	-	A7 (X1:2)	56564	A10 (26:2)	BK	A7-X1(3/4)/ A10(104/105)	-	A9 (RS2)	N.C.	-	-	-	-	A19 (X3)	R	H3	-	-	-	
A4 (M4)	55190	Lüfter 1	-	A4-M4/Lüfter 1	Lüfter 1 / Fan 1	A7 (X1:3)		A10 (104:1)	WH		-	A9 (JTAG)	N.C.	-	-	-	-	-	A19 (X4)	R	H4	-	-	-
A4 (M5)	gesteckt	F5 (Input)	-	-	-	A7 (X1:4)	56518	A10 (105:1)	BK	A7-X1(5/6)/ A14-X3(1/2)	-	A9 (FPIN)	56700	A15 (X1)	-	A9-FPIN/A15-X1	-	A19 (X5)	R	H5	-	-	-	
A4 (M6)	55174	Lüfter 2	-	A4-M6/Lüfter 2	Lüfter 2 / Fan 2	A7 (X1:5)		A14 (X3:1)	WH		-	A9 (FPOUT)	N.C.	-	-	-	-	-	A19 (X6)	R	H6	-	-	-
A4 (M7)	gesteckt	F6 (Input)	-	-	-	A7 (X1:6)	56518	A14 (X3:2)	BK	-	A9 (PROG)	N.C.	-	-	-	-	-	A19 (X7)	R	A18 (X2)	-	A18-X2/A19-X7	-	
A4 (M8)	54658	A7 (X8)	-	A4-M8/A7-X8	-	A7 (X3)	55143	M5	-	A7-X3/M5	Riemenstapel/ belt stack	A11 (X1:1)	56515	A10 (16:2)	WH	A11-X1(1/2)/ A10(16/25)	-	A20	I	-	-	-	Bestandteil von A4	
A4 (MBIN:1)	55120	Schirm	OG	A4-MBIN (ye/gn/bn/wh)/ A10 (23/26/27/24)	-	A7 (X4)	54666	A9-M7	-	A7-X4/A9-M7	-	A11 (X1:2)		A10 (25:2)	BK		-	A21(X1)	I (58513)	A10(101,102/3-12/21/ 14-16/117/PE2/PE2)	BK1 - BK17 GNYE / OG	A21(1to17/PE/Guard)/ A10(101,102/3-12/21/ 14-16/117/PE2/PE2)	Optional	
A4 (MBIN:2)		A10 (23:2)	YE		-	A7 (X5)	56501	M8	-	A7-X5/M8	Lift 1	A11 (X1:3)	56565	A10 (106:1)	WH	A11-X1(3/4)/ A10(106),RL2(24) E: A11-X1(4)/RL2(24)	-	A21	gesteckt	A22	-	-	Optional	
A4 (MBIN:3)		A10 (26:1) A10 (27:1)	GN BN		-	A7 (X6)	R	A4 (M1)	-	A4-M1/A7-X6	-	A11 (X1:4)		RL2 (24)	BK		-	A22	R	A21	-	-	Optional	
A4 (MBIN:4)		A10 (24:1)	WH		-	A7 (X7)	56501	M9	-	A7-X7/M9	Lift 2	A11 (X1:5)	56518	A15 (X3:1)	WH	A15-X3(1/2)/ A11-X1(5/6)	-							
A4 (MBOUT)	N.C.	-	-	-	-	A7 (X8)	R	A4 (M8)	-	A4-M8/A7-X8	-	A11 (X1:6)		A15 (X3:2)	BK		-							
A4 (HALL)	N.C.	-	-	-	-	A8 (X1)	R	A9 (DIG)	-	A8-X1/A9-DIG	-	A11 (X3)	54659	M1	-	A11-X3/M1	Motor Transport und Ausrichter transport and adjustment							
A4 (KEY)	R	Taster Grün (S1)	-	A4-Key/GN-BTN(3/4)	-	A8 (X2)	R	A5 (X3)	-	A5-X3/A8-X2	-	A11 (X4)	R	A9 (M1)	-	A9-M1/A11-X4	-	-	-	-	-	-	-	

Verdrahtungsplan

Ursprung	Teile Nr.: R = Rückweg	Ziel	Farbe color	Beschriftung/ Label E: = Einzeladerbeschriftung E: = single wire label	Funktion	Ursprung	Teile Nr.: R = Rückweg	Ziel	Farbe color	Beschriftung/ Label E: = Einzeladerbeschriftung E: = single wire label	Funktion	Ursprung	Teile Nr.: R = Rückweg	Ziel	Farbe color	Beschriftung/ Label E: = Einzeladerbeschriftung E: = single wire label	Funktion	Ursprung	Teile Nr.: R = Rückweg	Ziel	Farbe color	Beschriftung/ Label E: = Einzeladerbeschriftung E: = single wire label	Funktion
RL1 (A1)	-	A10 (30:1)	BN	E: RL1(A1)/A10(30)	-	RL6 (A1)	55168	A5 (X1:7)	BK	A5-X1-X2(7)/ RL6-A1-A2	-	A10 (4:1)	-	A10 (5:1)	BU	E: A10(4)/A10(5)	-						
RL1 (A2)		A10 (13:2)	WH	E: RL1(A2)/A10(13)	-	RL6 (A2)		A5 (X2:7)	WH		-	A10 (5:1)	R	A10 (4:1)	-	-	-						
RL1 (11)	-	A10 (117:2)	WH	E: RL1(11)/A10(117)	-	RL6 (A1)	-	A10 (31:4)	BN	E: RL6(A1)/A10(31)	-	A10 (6:1)	-	A10 (7:1)	BU	E: A10(6)/A10(7)	-						
RL1 (12)	N.C.	-	-	-	-	RL6 (11)	-	A10 (13:3)	WH	E: RL6(11)/A10(13)	-	A10 (7:1)	R	A10 (6:1)	-	-	-						
RL1 (14)	-	A10 (24:4)	WH	E: RL1(14)/A10(24)	-	RL6 (12)	N.C.	-	-	-	-	A10 (9:1)	-	A10 (13:1)	BU	E: A10(9)/A10(13)	-						
RL1 (21)	-	A10 (17:1)	WH	E: RL1(21)/A10(17)	-	RL6 (14)	R	I-Lock (E2)	-	E: RL6(14)/Ilock(wh)	-	A10 (9)	56538	A8 (X2:16)	WH	A10(9/11/10)/ A8-X2(16/17),A15-X3(3)	-						
RL1 (22)	N.C.	-	-	-	-	RL6 (21)		A10 (12:3)	BN	E: RL6(21)/A10(12)	-	A10 (10)		A15 (X3:3)	GN		-						
RL1 (24)		A10 (20:4)	WH	E: RL1(24)/A10(20)	-	RL6 (22)	N.C.	-	-	-	-	A10 (11)		A8 (X2:17)	BN		-						
RL2 (A1)	-	A10 (30:2)	BN	E: RL2(A1)/A10(30)	-	RL6 (24)	R	I-Lock (E1)	-	E: RL6(24)/Ilock(bn)	-	A10 (13:1)	R	A10 (9:1)	-	-	-						
RL2 (A2)		A10 (8:1)	WH	E: RL2(A2)/A10(8)	-	RL7 (1)	-	A10 (12:1)	BN	E: RL7(1)/A10(12)	-	A10 (15:2)	-	A10 (22:2)	BU	E: A10(15)/A10(22)	-						
RL2 (11)	R	I-Lock (12)	-	E: RL2(11)/Ilock(ye)	-	RL7 (2)		A10 (31:1)	BN	E: RL7(2)/A10(31)	-	A10 (22:2)	R	A10 (15:2)	BU	E: A10(15)/A10(22)	-						
RL2 (12)	N.C.	-	-	-	-	RL7 (3)	N.C.	-	-	-	-	A10 (23:1)	-	A10 (32:1)	BU	E: A10(23)/A10(32)	-						
RL2 (14)	-	A10 (104:2)	BN	E: RL2(14)/A10(104)	-	RL7 (4)	N.C.	-	-	-	-	A10 (32:1)	R	A10 (23:1)	BU	E: A10(23)/A10(32)	-						
RL2 (21)	-	Sick- Magnetsch (2)	WH	E: RL2(21)/Sick(wh)	-	RL7 (5)	-	A10 (25:1)	BN	E: RL7(5)/A10(25)	-	D1	I	A2 (X1)	-	A2-X1/D1	Notaus						
RL2 (22)	N.C.	-	-	-	-	RL7 (6)	-	A10 (22:1)	BU	E: RL7(6)/A10(22)	-	D2	55435	A2 (X2)	-	A2-X2/D2	Notaus						
RL2 (24)	R	A11 (X1:4)	-	E: A11-X1(4)/RL2(24)	-							D3	I	A2 (X3)	-	A2-X3/D3	Lift unten						
RL3 (A1)	55168	A5 (X1:4)	BK	A5-X1-X2(4)/ RL3-A1-A2	-							D4	I	A2 (X4)	-	A2-X4/D4	Lift oben						
RL3 (A2)		A5 (X2:4)	WH		-	FESTO_V	47066	A5 (X1:2)	-	A5-X1-X2(2)/ Festo_V	-	D6	I	A3 (X3)	-	A3-X3/D6	Sick höhe 90%						
RL3 (11)	-	A10 (33:4)	WH	E: RL3(11)/A10(33)	-	FESTO_V		A5 (X2:2)	-		-	D7	I	A3 (X2)	-	A3-X2/D7	Palette erkannt						
RL3 (11)	-	RL4 (11)	WH	E: RL3(11)/RL4(11)	-	Taster Grün	55117	A4 (KEY:1)	BK	A4-KEY/ GN-BTN(3/4)	Taster Lift hoch Button lift up	D8	I / R	A14 (X2)	-	A14-X2/D8	-						
RL3 (12)	N.C.	-	-	-	-			A4 (KEY:4)	WH			H1	I	A19 (X1)	-	A19-X1/H1	-						
RL3 (14)	R	V1 (X1)	-	-	Ventil rechts / right valve	Lampe Grün	63049	A5 (X1:6)	BK	A5-X1-X2(6)/ GN-Lamp (1/2)	-	H2	I	A19 (X2)	-	A19-X2/H2	-						
RL3 (21)	-	A10 (16:3)	WH	E: RL3(21)/A10(16)	-			A5 (X2:6)	WH		-	H3	I	A19 (X3)	-	A19-X3/H3	-						
RL3 (21)	-	RL4 (21)	WH	E: RL3(21)/RL4(21)	-	V1 (X1)	55165	RL3 (14)	BK	V1 / RL3(14/24)	Ventil rechts / right valve	H4	I	A19 (X4)	-	A19-X4/H4	-						
RL3 (22)	N.C.	-	-	-	-	V1 (X2)		RL3 (24)	WH			H5	I	A19 (X5)	-	A19-X5/H5	-						
RL3 (24)	R	V1 (X2)	-	-	Ventil rechts / right valve	V2 (X1)	55165	RL4 (14)	BK	V2 / RL4(14/24)	Ventil links / left valve	H6	I	A19 (X6)	-	A19-X6/H6	-						
RL4 (A1)	55168	A5 (X1:3)	BK	A5-X1-X2(3)/ RL4-A1-A2	-	V2 (X2)		RL4 (24)	WH			F4 (Input)	R	A4 (M2)	-	-	-						
RL4 (A2)		A5 (X2:3)	WH		-	I-Lock (E1)	I	RL6 (24)	BN	Ilock(bn/wh/ye/gn)/ RL6(24/14) RL2(11) A10(107) E: RL2(11)/Ilock(ye) E: Ilock(gn)/A10(107)	-	F4 (Output)	R	A11 (X6)	-	A11-X6/F4-OUT	-						
RL4 (11)	R	RL3 (11)		-	-	I-Lock (E2)		RL6 (14)	WH		-	F5 (Input)	R	A4 (M5)	-	-	-						
RL4 (12)	N.C.	-	-	-	-	I-Lock (11)		I-Lock (21)	-		-	F5 (Output)	56516	M3	-	F5-Out/M3	Auslauf / Outlet						
RL4 (14)	R	V2 (X1)	-	-	Ventil links / left valve	I-Lock (12)		RL2 (11)	YE		-	F6 (Input)	R	A4 (M7)	-	-	-						
RL4 (21)	R	RL3 (21)	-	-	-	I-Lock (21)		A10 (107:1)	GN		-	F6 (Output)	R	A11 (X8)	-	A11-X8/F6-OUT	-						
RL4 (22)	N.C.	-	-	-	-	I-Lock (22)	N.C.	-	-	-	-	F7 (Input)	R	A9 (M6)	-	-	-						
RL4 (24)	R	V2 (X2)	-	-	Ventil links / left valve	Sick- Magnetsch (1)	-	A10 (106:2)	-	Sick(br/bl/bk/wh) / A10 (106/105/107),RL2(21)	-	F7 (Output)	56514	M7	-	F7-Out/M7	Aussteuerfach / adjustment tray						
RL5 (A1)	55168	A5 (X1:5)	BK	A5-X1-X2(5)/ RL5-A1-A2	-	Sick- Magnetsch (2)	R	RL2 (21)	-		-												
RL5 (A2)		A5 (X2:5)	WH		-	Sick- Magnetsch (3)	-	A10 (105:2)	BU		-												
RL5 (11)	R	A17 (2)	-	E: A10(30)/RL5(11)	-	Sick- Magnetsch (4)	-	A10 (107:2)	BK		-												
RL5 (12)	N.C.	-	-	-	-																		
RL5 (14)	R	A16 (1) A16 (2)	-	-	-																		
RL5 (21)	-	A10 (21:4)	BU	E: RL5(21)/A10(21)	-																		
RL5 (22)	N.C.	-	-	-	-																		
RL5 (24)	R	A16 (3)	-	-	-																		

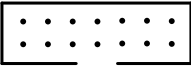
A4
/3.1

Müller Online V6

46433

Wago-Stiftwannen für Flachbandkabel

WAGO plugs



RS

ANA

DIG

FUNC

CAN

RS2

JTAG

FPOUT

FPIN

PROG

1



1



/7.5

1



/6.7

1



1



/8.5

1



1



1



1



/8.3

1



Müller 4-pol Stecker und Buchsen

Müller 4 pole plug and socket

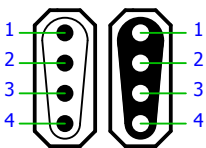
1 2 3 4



1 2 3 4



Definition der Klemmenanschlusspunkte /
Definition of the plug-pins



KEY

HALL

MBIN

MBOUT

/8.7

1



2



3



4



/8.8

1



2



3



4



/8.1

1



2



3



4



/8.1

1



2



3



4



Müller 2-pol Stecker

Müller 2 pole plug

1 2



M1

M2

M3

M4

M5

M6

M7

M8

/9.3

1



2



/9.3

/22.4

1



2



/22.4

1



2



/10.6

1



2



/10.7

/10.2

1



2



/10.3

/10.4

1



2



/10.5

/22.6

1



2



/22.6

/9.4

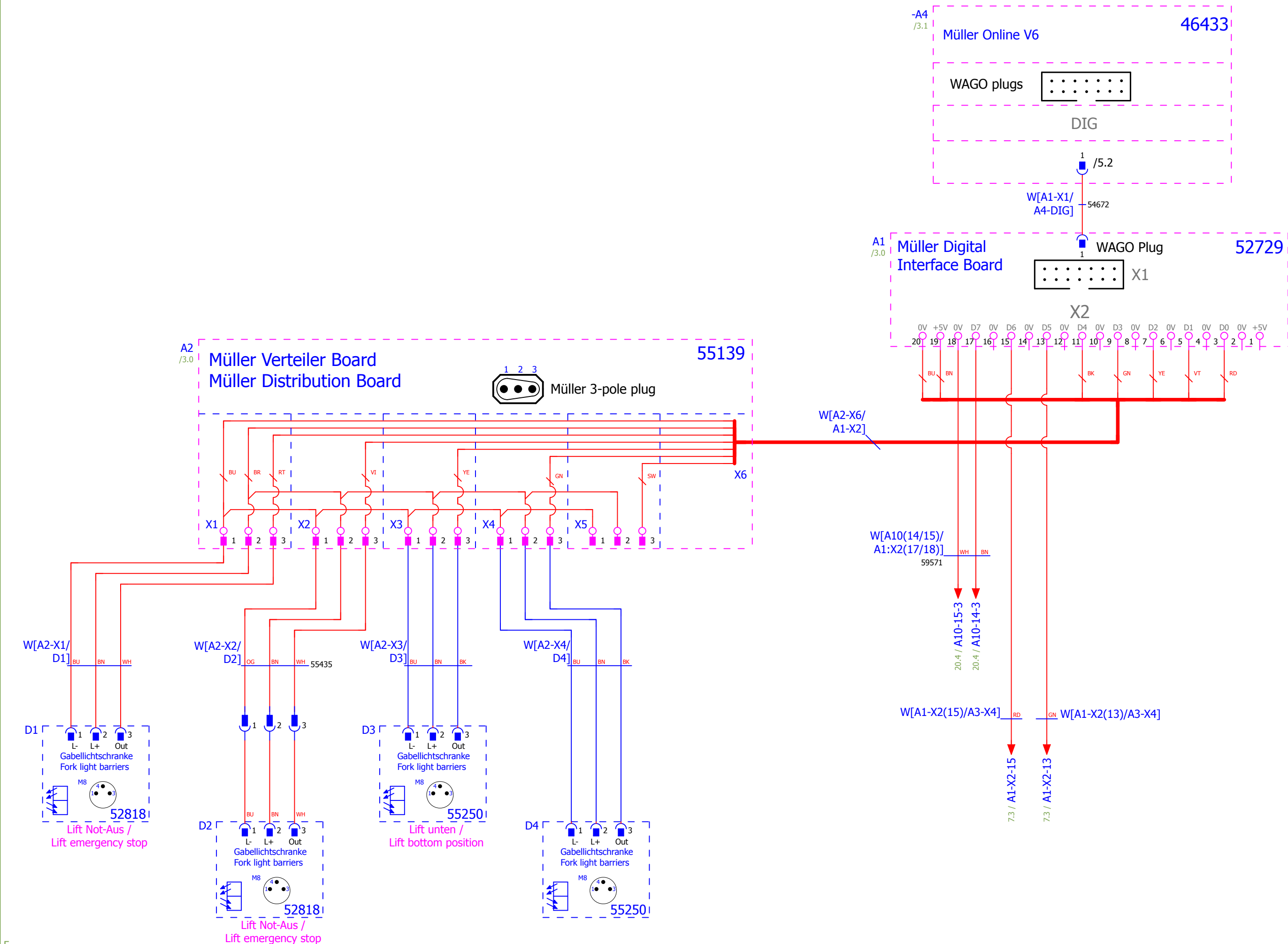
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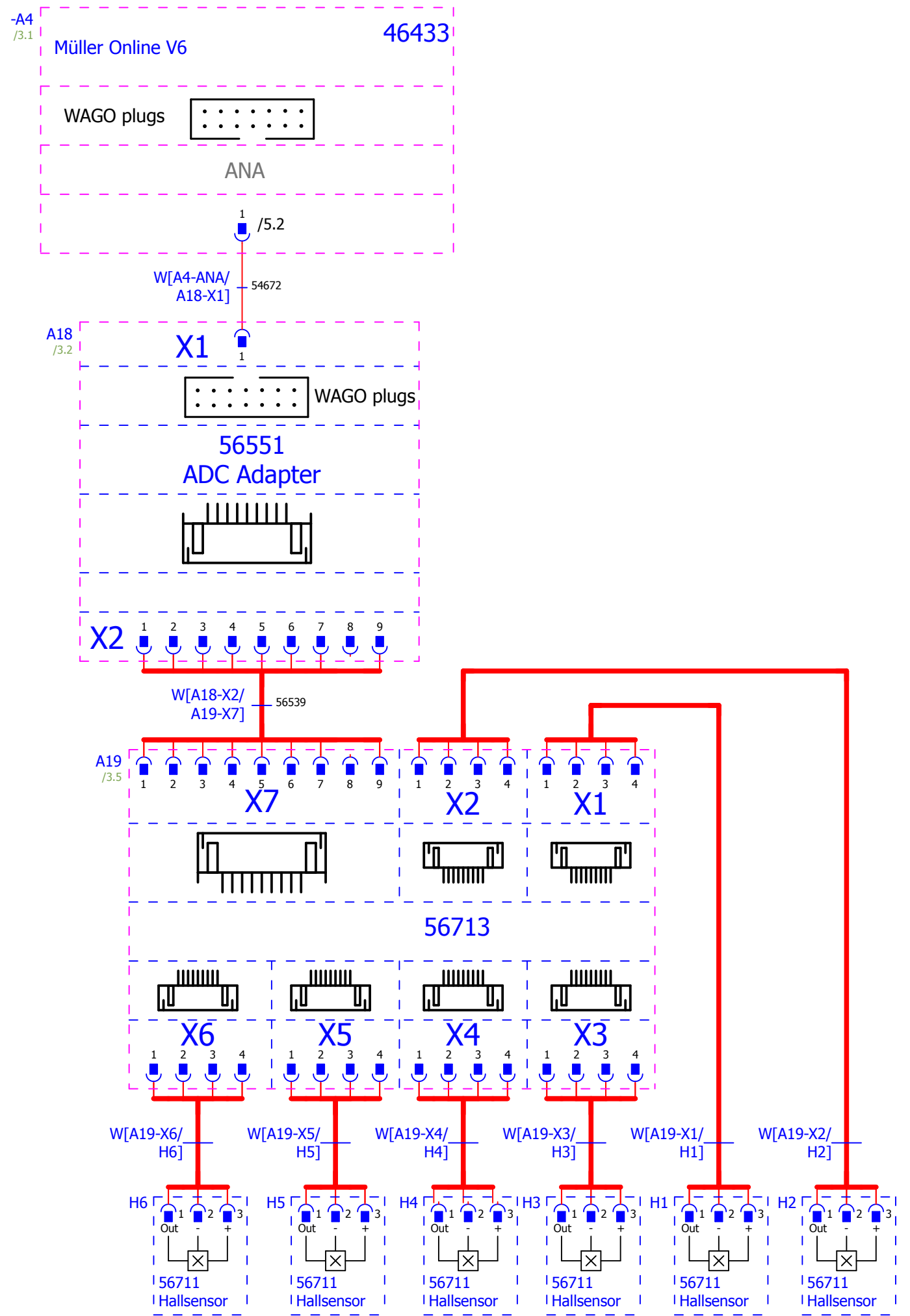
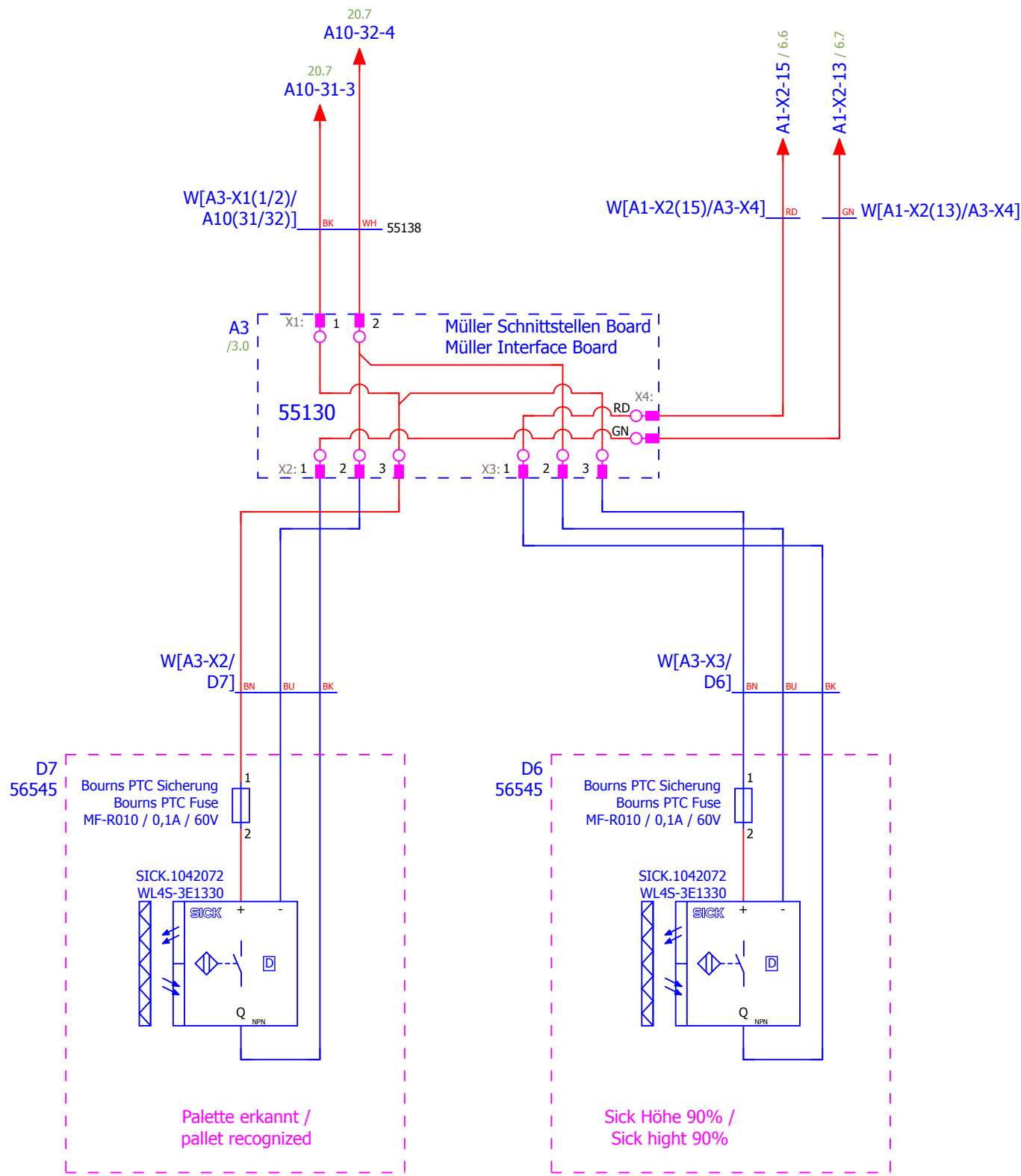


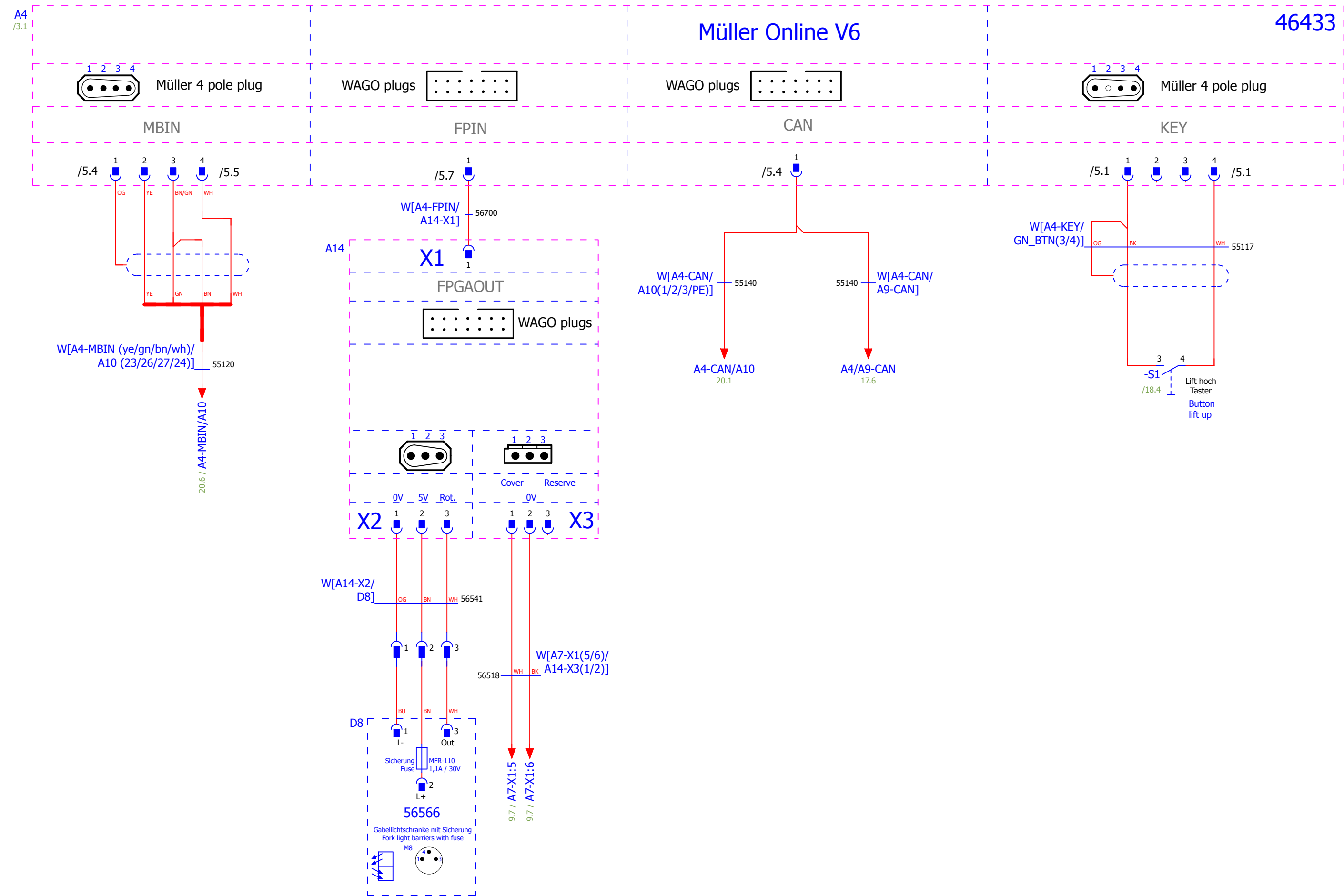
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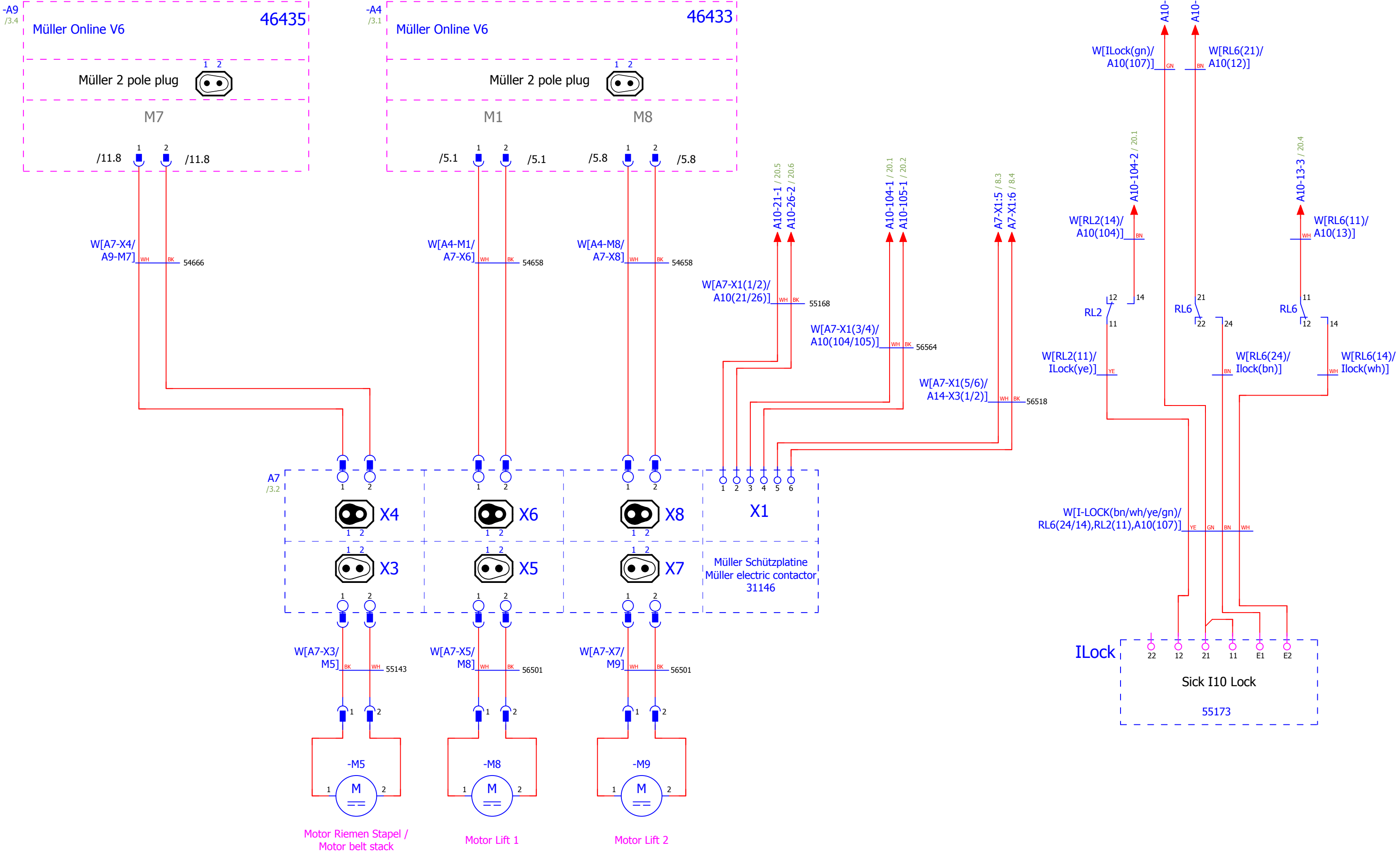


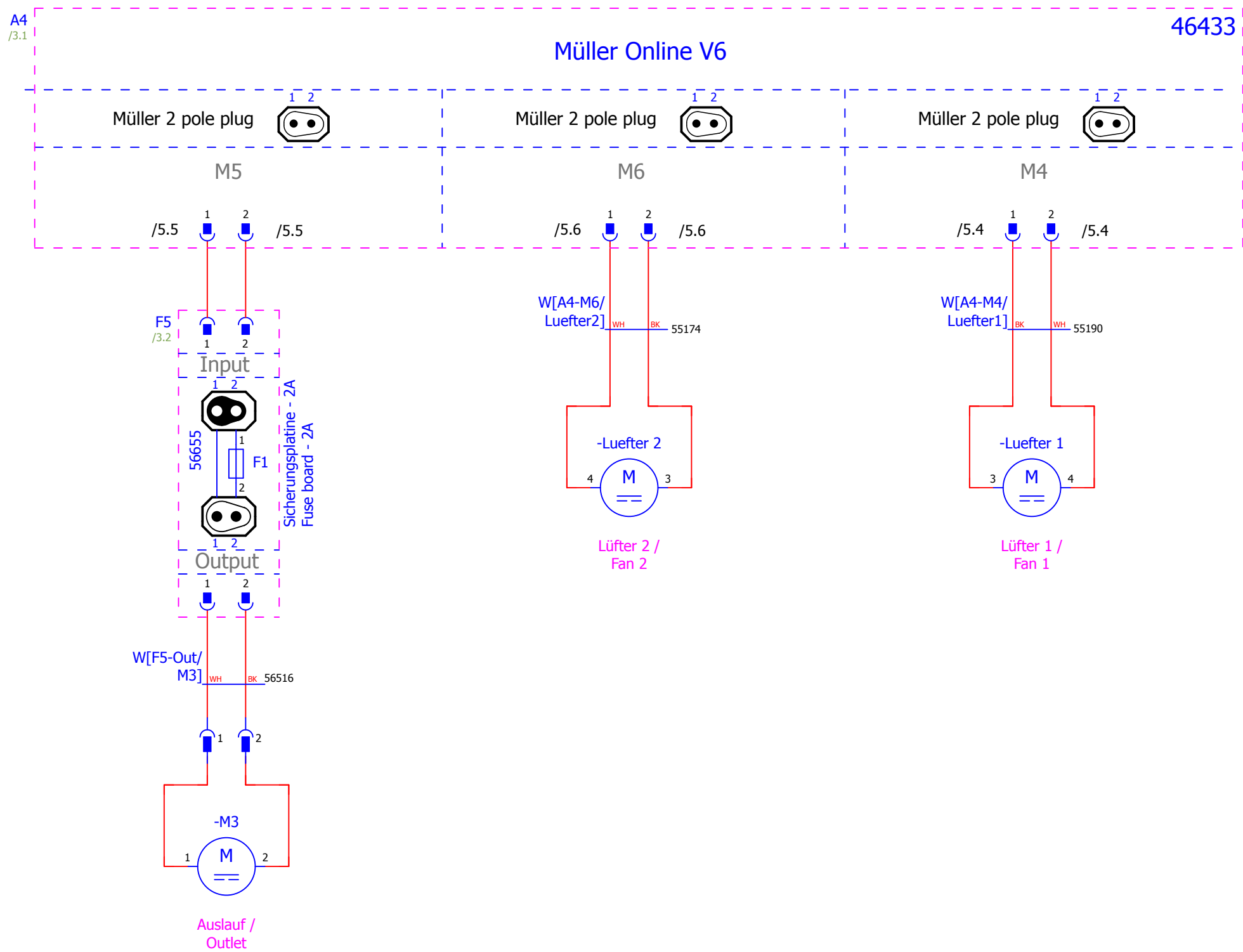
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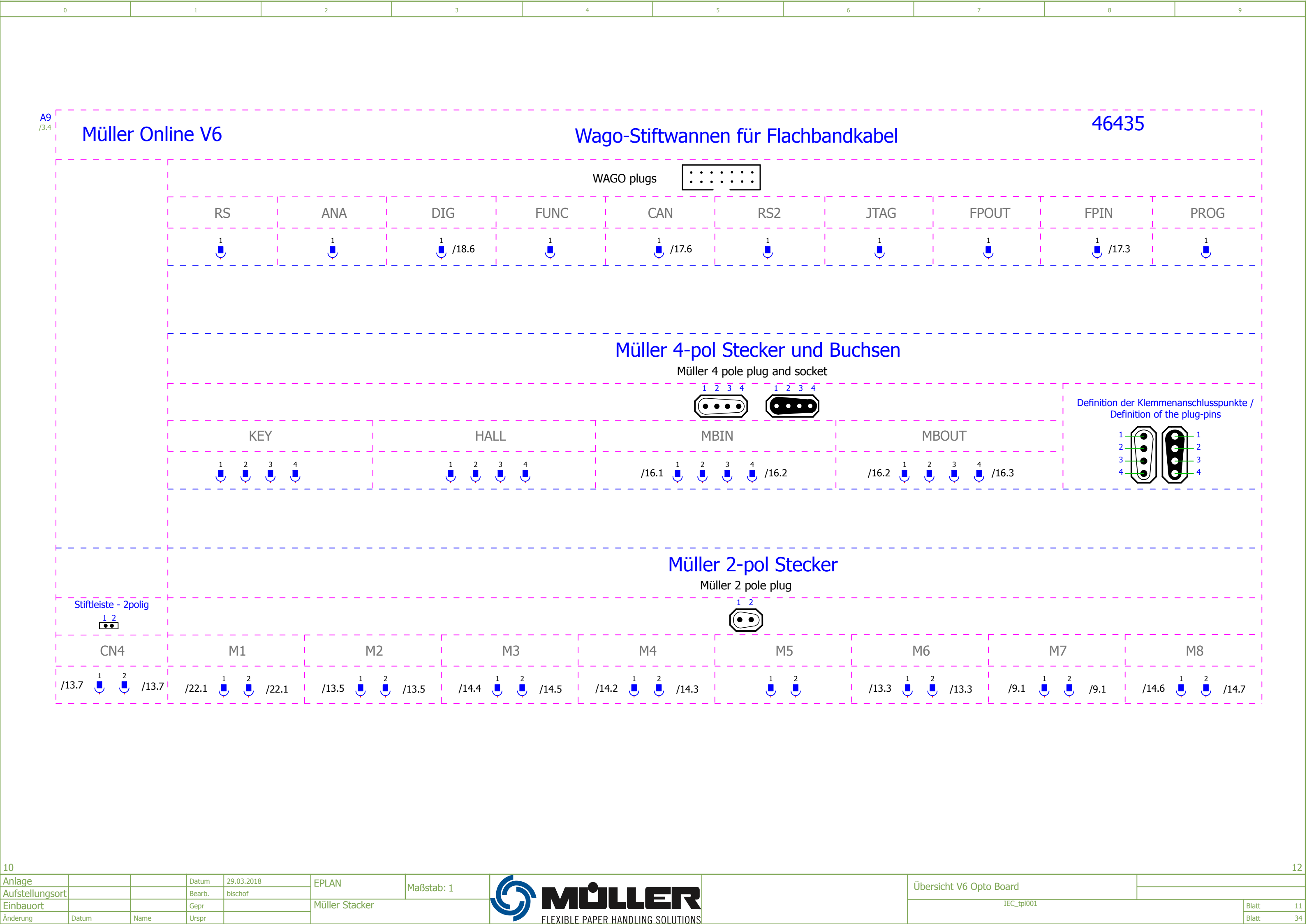


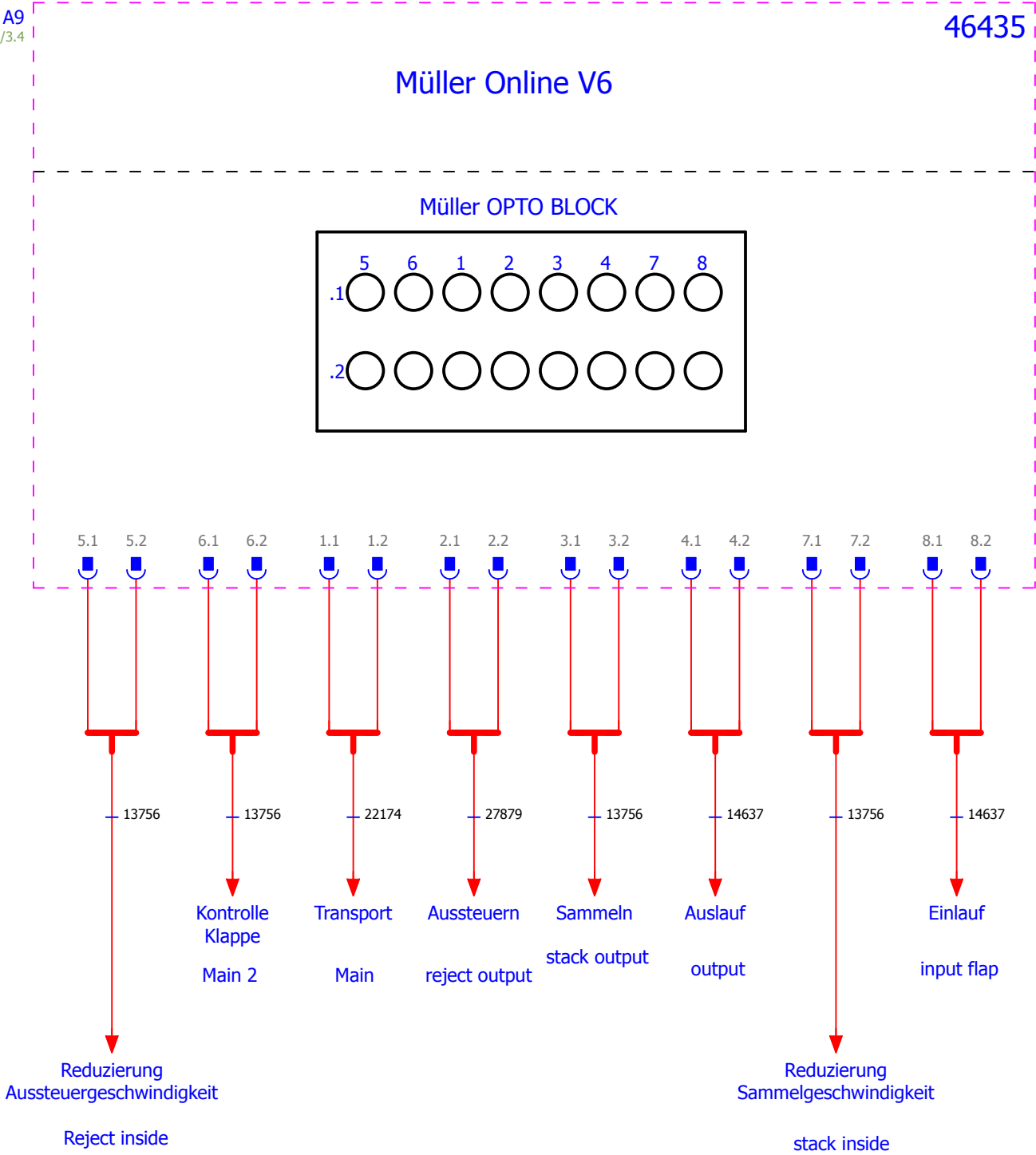


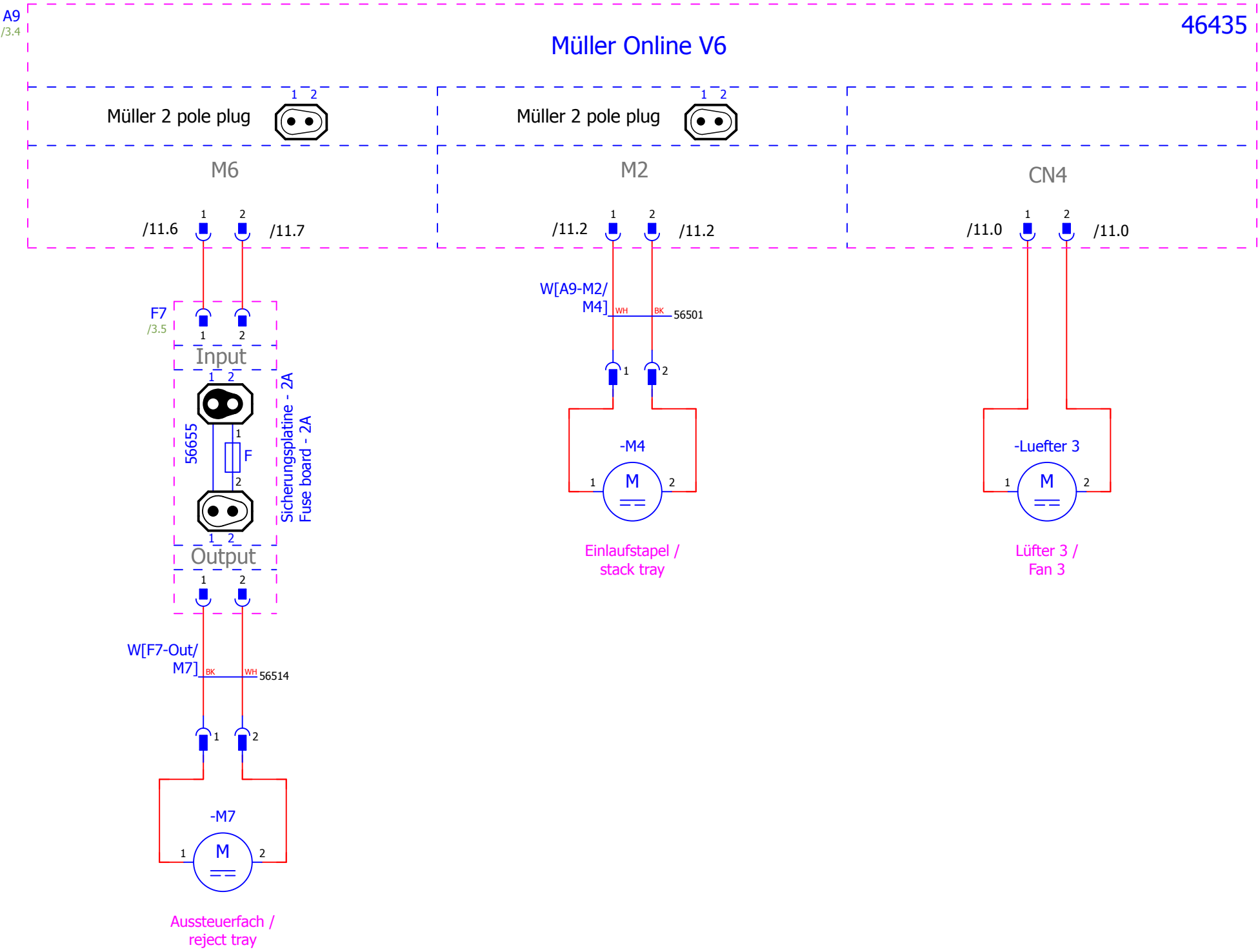


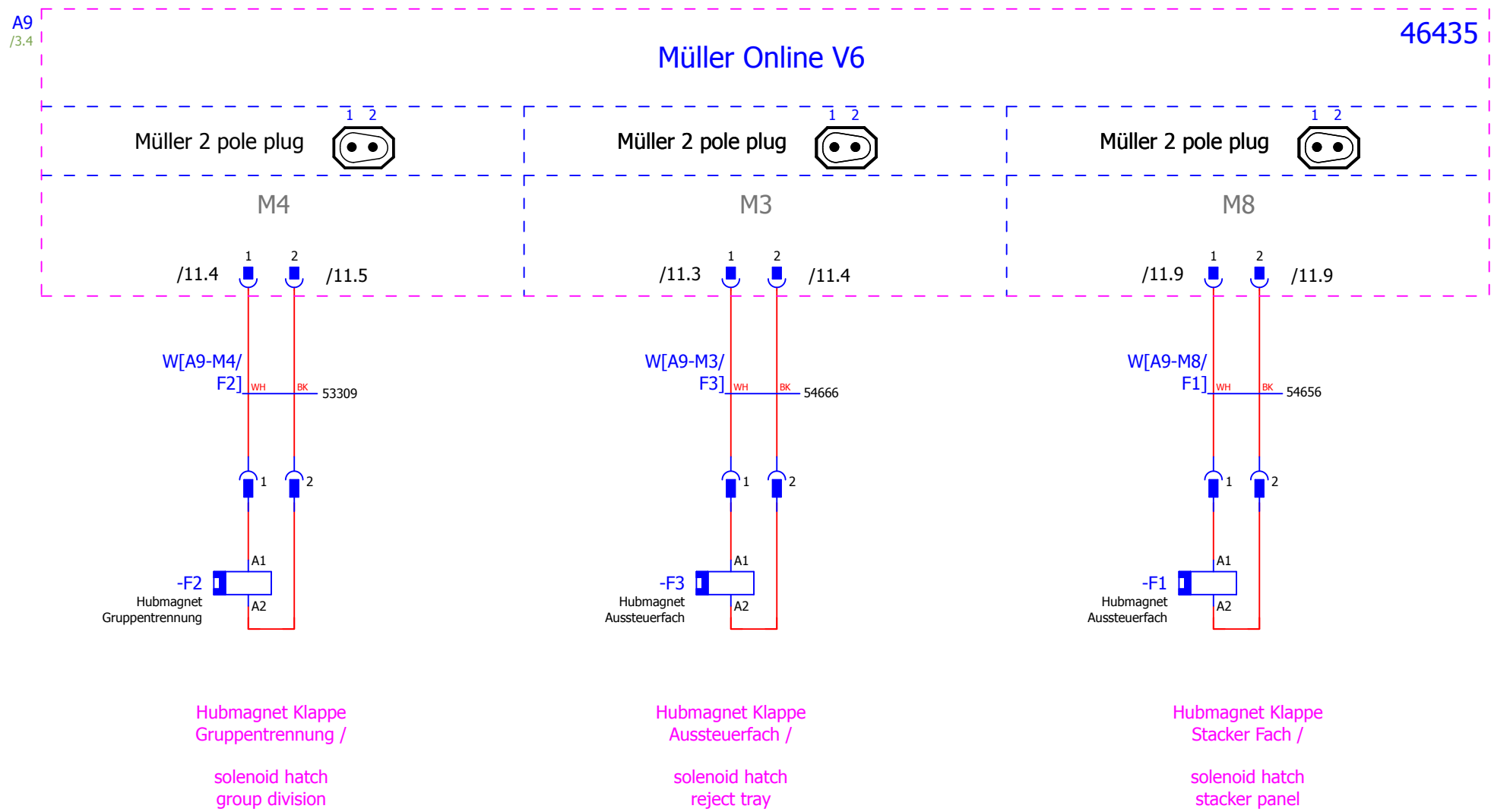


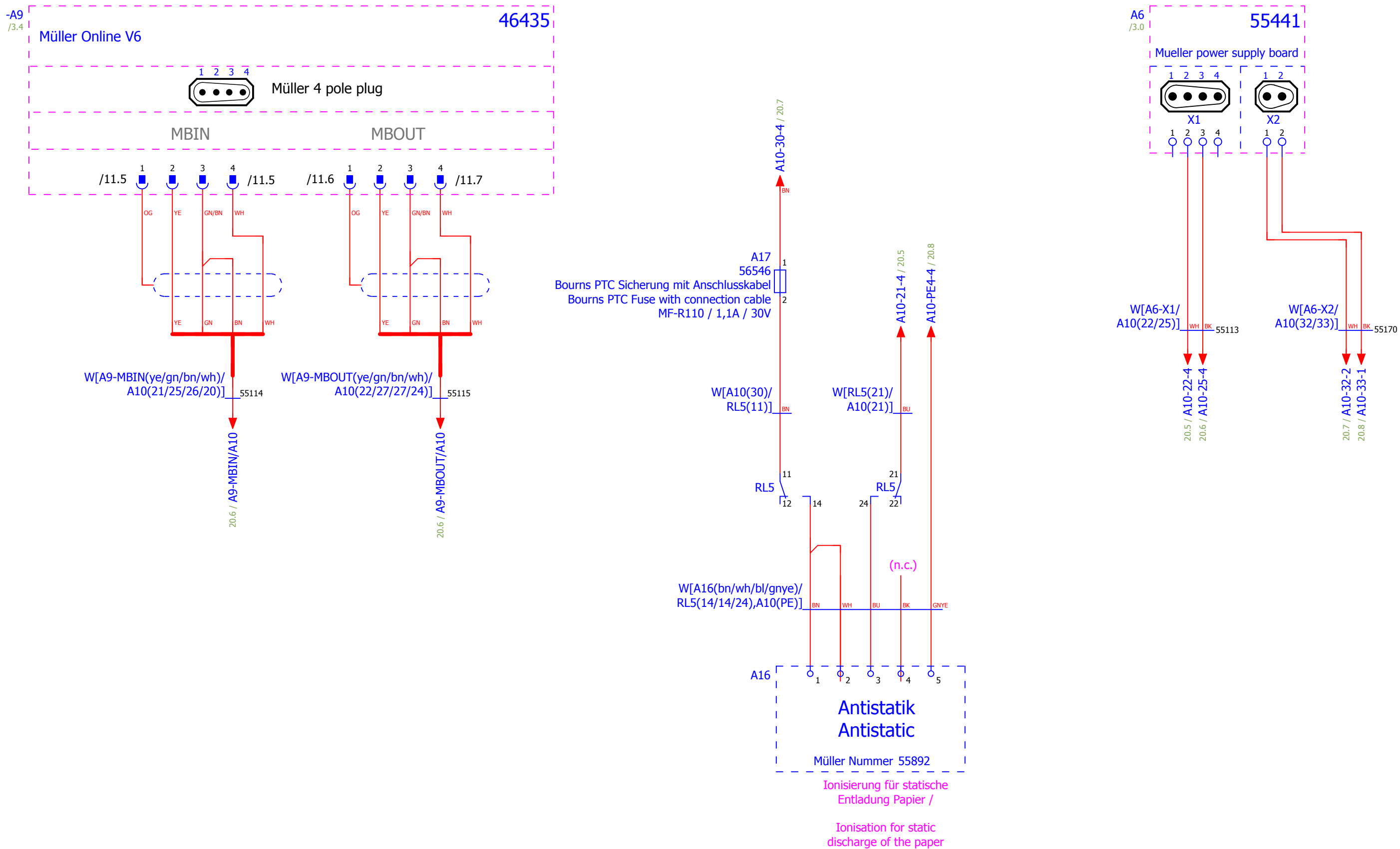


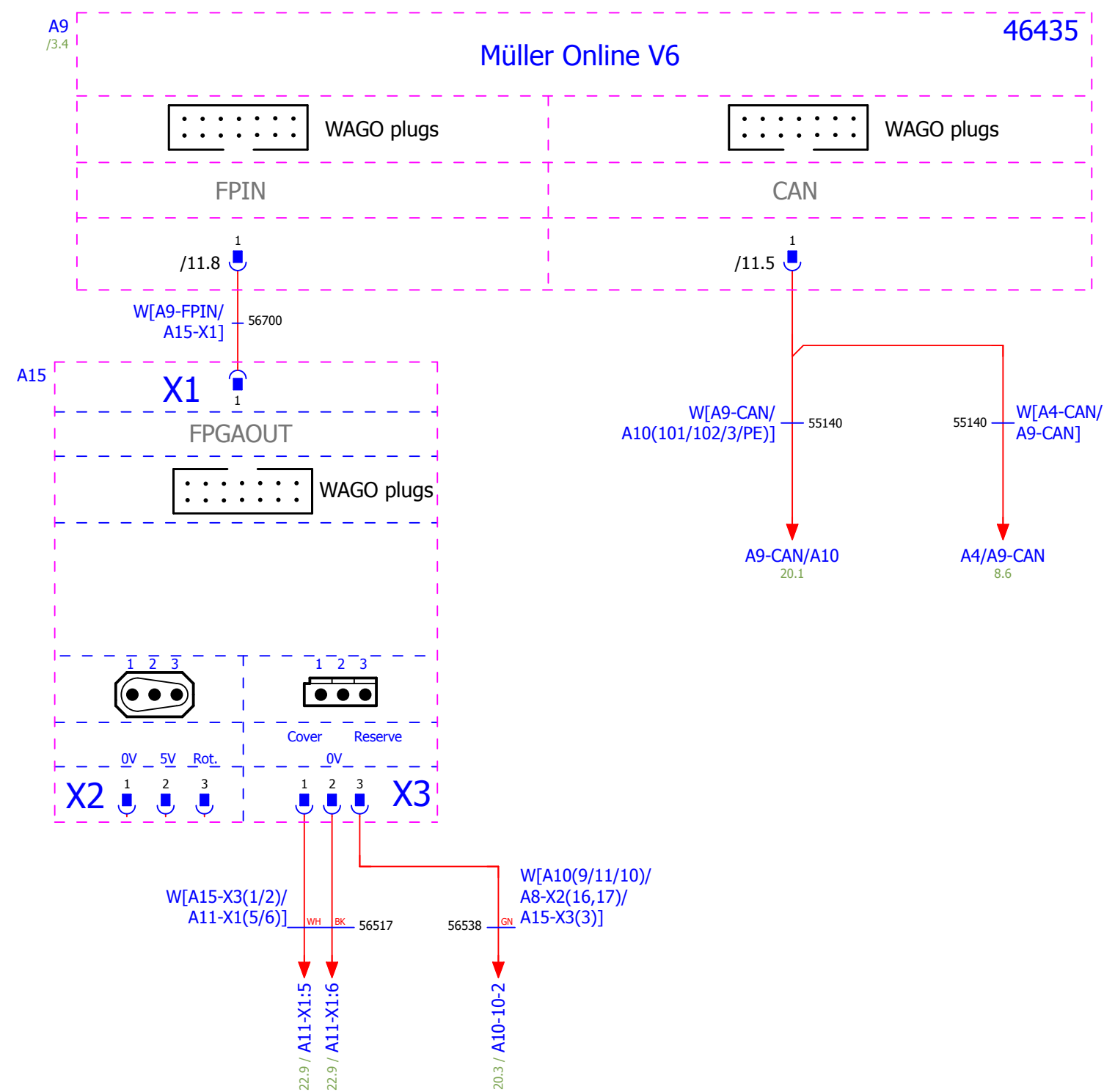


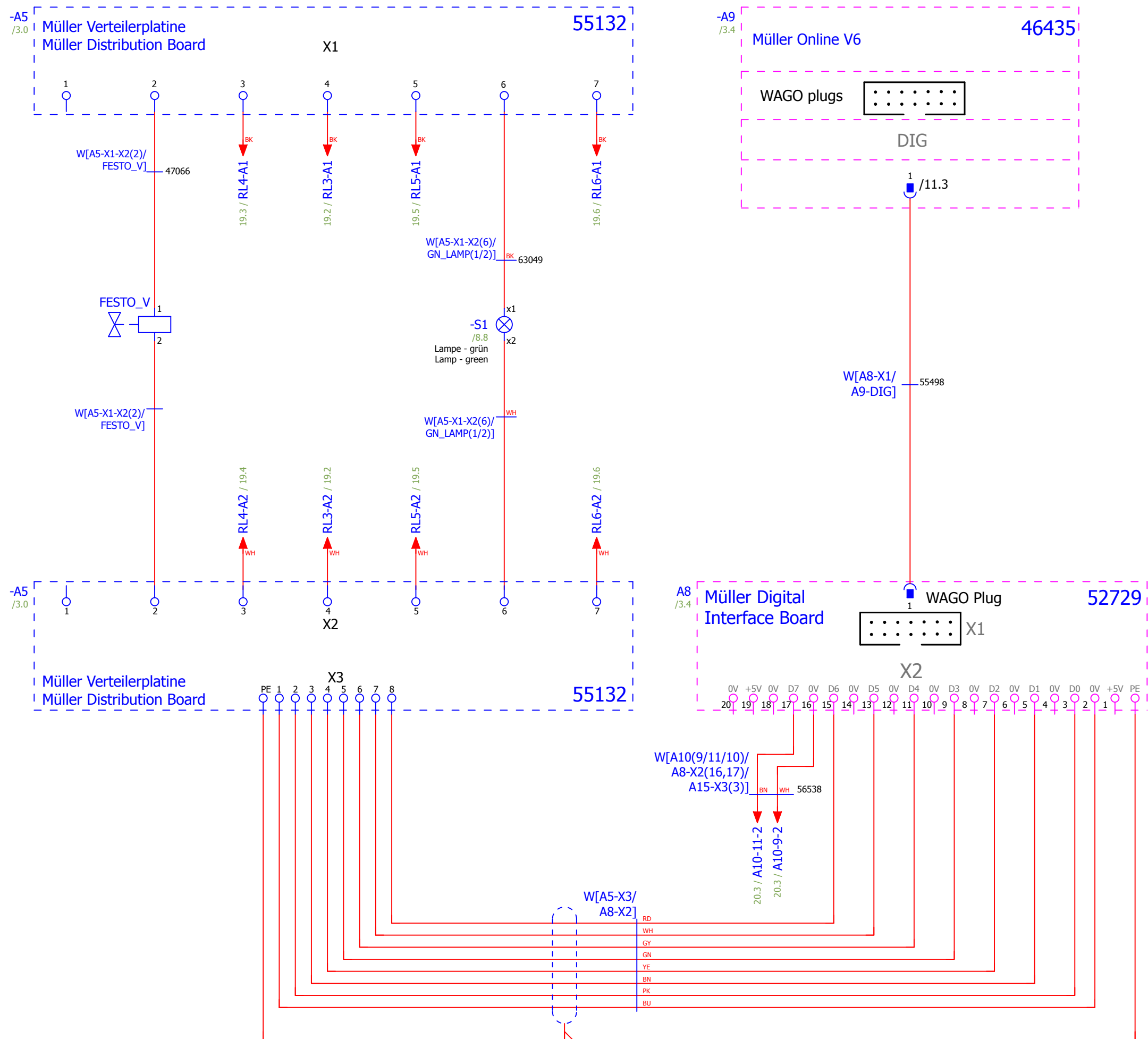


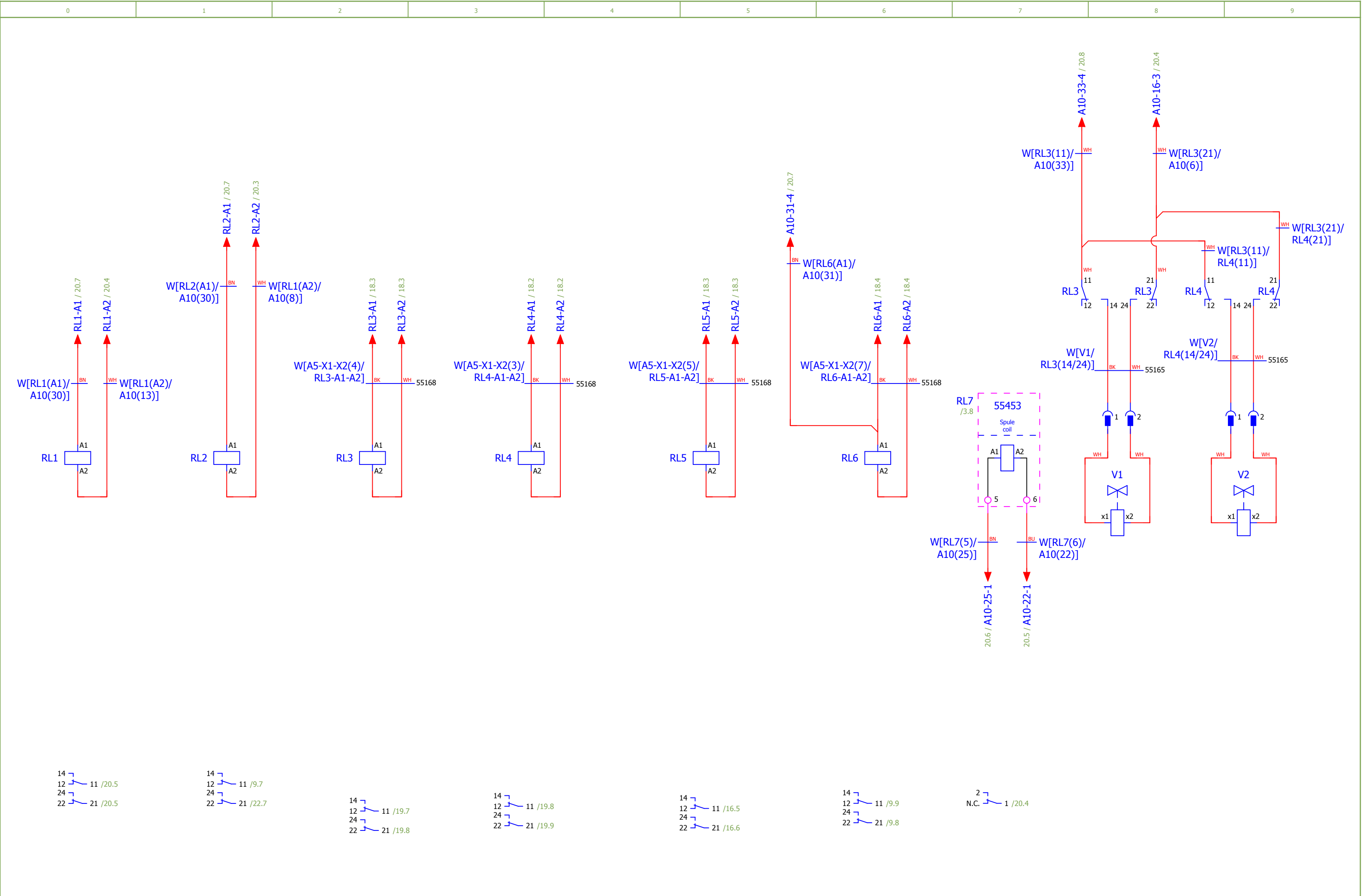




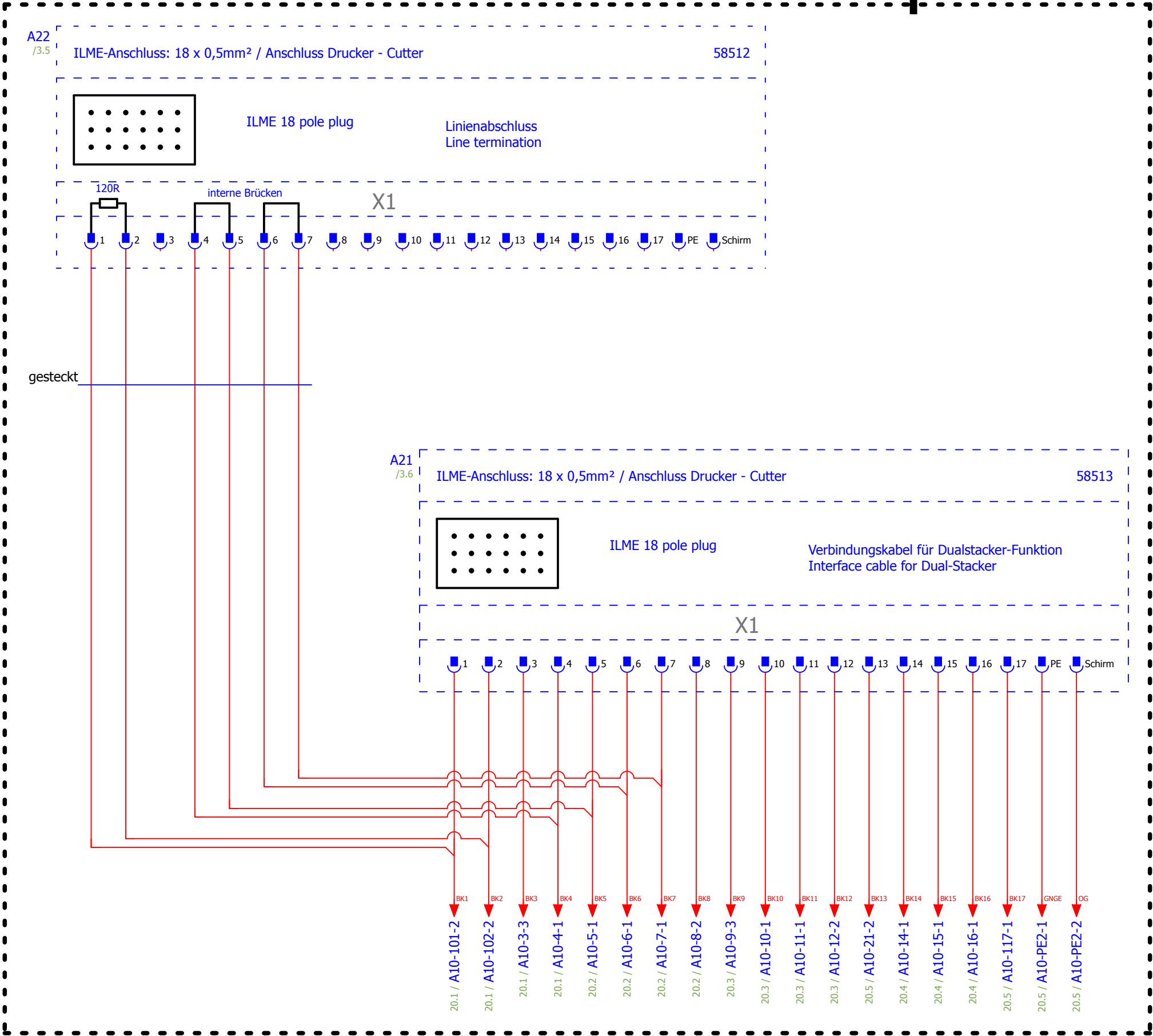


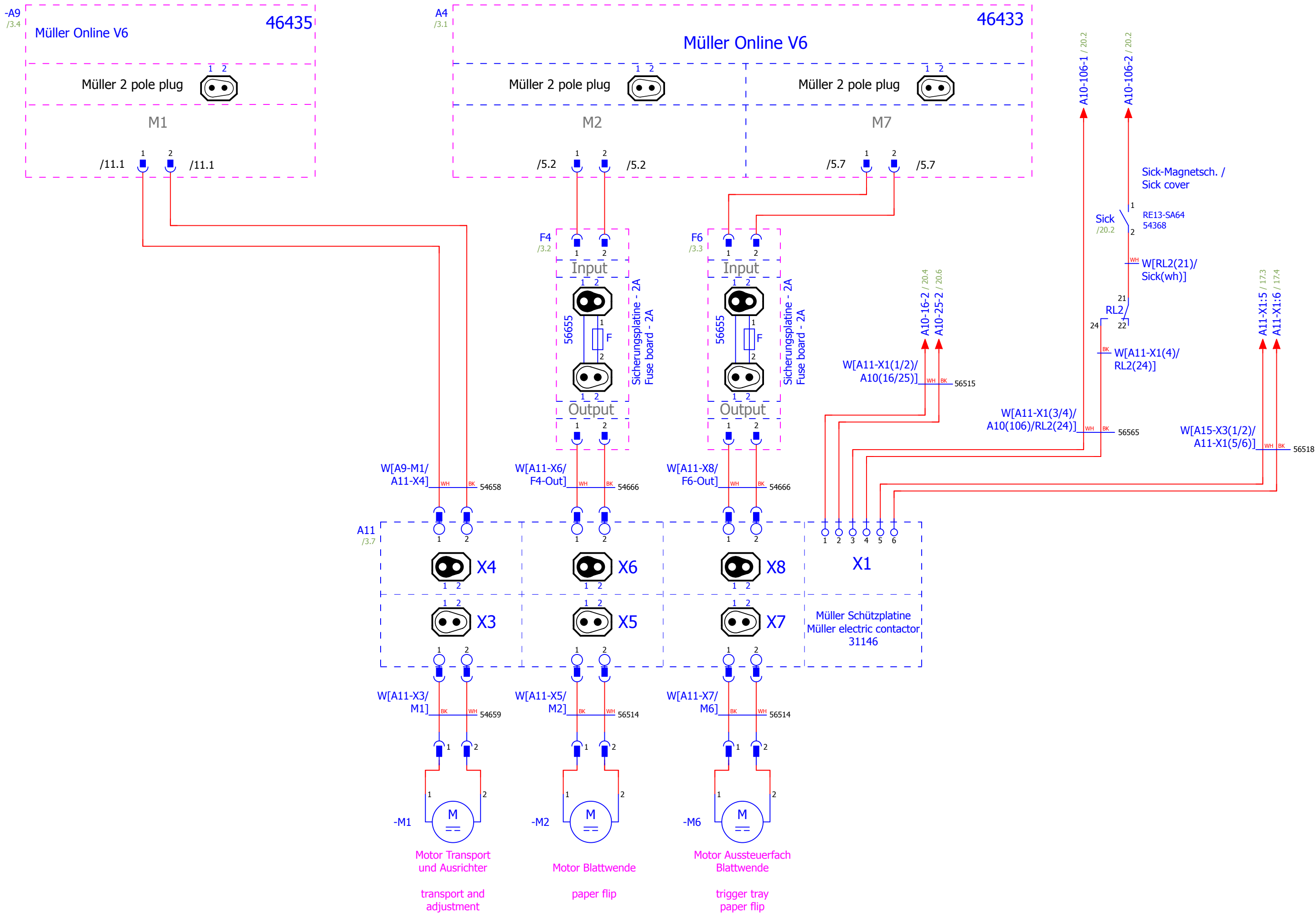






Optional





Artikelsummenstückliste

Müller-Nr.	Menge	Bezeichnung	Beschreibung	Platzierung	BMK
52729	2	Müller Digital Interface Board	Digital IO	/3.0;/3.4	-A1;-A8
55139	1	Müller Verteiler Board	Verteiler für Panasonic Gabellichtschranken 5 Inputs / 1 Output	/3.0	-A2
55130	1	Müller Schnittstellen Board	24V Versorgung 2 Inputs / 1 Output	/3.0	-A3
46433	1	Rialto Stackerlift Board 2	Signalaufwertung und Motoransteuerung Kommunikation	/3.1	-A4
56701	2	EStop Adapter	Anschluss Adapter	/3.3;/3.5	-A4-A14;-A9-A15
55132	1	Müller Verteilerplatine	24V Verteiler	/3.0	-A5
55441	1	Müller power supply board	Spannungsversorgungsmodul 42V Input / 17V Output	/3.0	-A6
31146	2	Müller Schützplatine	Motor-Sicherheitsabschaltung Unterbrechen der Motorlinie	/3.2;/3.7	-A7;-A11
46435	1	Rialto stacker Board 1	Signalaufwertung und Motoransteuerung Kommunikation Input für optische sensoren	/3.4	-A9
54340	6	Doppelstock-Klemme	PTTB 2,5 ; Doppelstock-Klemme Querschnitt: 0,14 mm² - 4 mm², AWG: 26 - 12 Anschlussart: Push-in-Anschluss Breite: 5,2 mm Farbe: grau, Montageart: NS 35/7,5, NS 35/15	/3.8	-A10-1;-A10-2;-A10-4...-A10-6;-A10-17
53356	23	Durchgangsklemme	PT 2,5-QUATTRO ; Durchgangsklemme Anschlussart: Push-in-Anschluss Querschnitt: 0,14 mm² - 4 mm², AWG: 26 - 12 Breite: 5,2 mm, Höhe: 35,3 mm Farbe: grau, Montageart: NS 35/7,5, NS 35/15	/3.8	-A10-3;-A10-7...-A10-16 -A10-20...-A10-27;-A10-30...-A10-33
53357	4	Schutzleiter-Reihenklemme	PT 2,5-QUATTRO-PE ; Schutzleiter-Reihenklemme Anschlussart: Push-in-Anschluss Querschnitt: 0,14 mm² - 4 mm², AWG: 26 - 12 Breite: 5,2 mm, Höhe: 35,3 mm Farbe: grün-gelb, Montageart: NS 35/7,5, NS 35/15	/3.8	-A10-PE1...-A10-PE4
53372	6	Relaismodul	RIF-1-RPT-LDP-24DC/2X21 ; Relaismodul Vormontierte Relaismodule mit Push-in-Anschluss bestehend aus: Relaissockel, Leistungskontaktrelais, steckbarem Anzeige-/ Entstörmodul und Haltebügel Eingangsspannung: 24 V DC, 2 Wechsler	/3.8	-A10-RL1...-A10-RL6

Artikelsummenstückliste

Müller-Nr.	Menge	Bezeichnung	Beschreibung	Platzierung	BMK
55141	1	Schnittstellenkabel Cutter-Stacker	18-poliges Verbindungskabel für Versorgung und Kommunikation	/3.9	-A12
55175	1	42V Versorgung Stacker	3 x 1,5² 1 / 2 / PE	/3.8	-A13
55892	1	Antistatik	24V DC; Imax = 0,5A IP 66; M12 Anschlusskabel; 0 - 55°C;	/16.5	-A16
56546	1	Bourns PTC Sicherung mit Anschlusskabel	MF-R110 / 1,1A / 30V	/16.5	-A17
56551	1	ADC Adapter	ADC Adapter	/3.2	-A18
56713	1	Stack Unit DirectV2	Signalaufnahme	/3.5	-A19
58513	1	Verbindungskabel für Dualstacker-Funktion	Übergabe von Steuersignalen zwischen Stackern	/3.6	-A21
58512	1	Linienabschluss	Linienabschluss für den letzten Stacker der Linie	/3.5	-A22
52818	2	Gabellichtschränke	Panasonic PMR24	/6.0;/6.1	-D1;-D2
55250	2	Gabellichtschränke	Panasonic PMR24	/6.2;/6.3	-D3;-D4
56545	2	Relflexions-Lichtschränke	Autokollimation Schaltabstand max: 0m ... 4m Schaltabstand: 0m ... 2,5m Wellenlänge 650nm Abmessungen (BxHxT): 12,2mm x 41,8mm x 17,3mm	/7.0;/7.2	-D6;-D7
56566	1	Gabellichtschränke mit Sicherung	Sicherung: MFR-110 / 1,1A / 30V	/8.2	-D8
53806	2	Magnet Flap komplett	Magnet GTAF026M20A01	/14.4;/14.6	-F1;-F3
53827	1	Magnet komplett Flap	Magnet GTAF026M20A01	/14.2	-F2
56655	4	Sicherungsplatine - 2A	Aufsatzmodul für Müller-Motorausgänge	/3.2;/3.3;/3.5	-F4...-F7
38480	1	Festo 3/2-Wege Ventil	Festo Magnetventil CPE10-M18H-3GL-M7	/18.2	-FESTO_V
56711	6	Hallsensor	A1324LUA-T Allegro	/7.5.../7.8	-H1...-H6

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Müller_PHS_de

Artikelsummenstückliste

Müller-Nr.	Menge	Bezeichnung	Beschreibung	Platzierung	BMK
53757	1	Türsperre	Sick Artikelnummer: 6020598	/9.7	-ILock
46251	2	Gebläse	Maxxon Lüfter: 100W	/10.5;/10.7	-Luefter1;-Luefter2
56509	1	Lüfter	DC-Miniatur-Axiallüfter Typ: Sepa MFB 25 F1	/13.7	-Luefter3
54762	5	Motor	Leistung: 90W	/9.2.../9.4;/13.5;/22.3	-M1;-M4;-M5;-M8;-M9
54763	4	Motor	50W	/10.3;/13.3;/22.4;/22.5	-M2;-M3;-M6;-M7
55453	1	5500 Relaisplatine	Relais mit Schließer Spannung 42V	/3.8	-RL7
53315	1	Taster mit Lampe	Taster Bulgin: MPI002/TE/GN/24	/8.8	-S1
54368	1	RE13-SA64	Sick Berührungsloser Sicherheitsschalter 2 Schließer	/22.8	-Sick
29038	2	Vakuumventil	17V-Ansteuerung Luftdurchlass bei betätigung	/19.8;/19.9	-V1;-V2

23.a

Anlage			Datum	29.03.2018	EPLAN	Maßstab: 1	MÜLLER FLEXIBLE PAPER HANDLING SOLUTIONS	Artikelsummenstückliste : MUE.53757 - MUE.29038			
Aufstellungsort			Bearb.	bischof							
Einbauort			Gepr		Müller Stacker			IEC_tpl001		Blatt	23.b
Änderung	Datum	Name	Urspr							Blatt	34

24

Müller-No.	Quantity	Name	Description	Placement	Resource identification
52729	2	Müller Digital Interface Board	Digital IO	/3.0;/3.4	-A1;-A8
55139	1	Müller Distribution Board	Distribution of fork light barriers 5 Inputs / 1 Output	/3.0	-A2
55130	1	Müller Interface Board	24V supply 2 Inputs / 1 Output	/3.0	-A3
46433	1	Rialto Stackerlift Board 2	signal evaluation, motor control communication	/3.1	-A4
56701	2	EStop Adapter	Adapter for connectors	/3.3;/3.5	-A4-A14;-A9-A15
55132	1	Müller Distribution Board	24V distributor	/3.0	-A5
55441	1	Müller power supply board	Power supply boards 42V Input / 17V Output	/3.0	-A6
31146	2	Müller electric contactor	Motor security opening of the circuit	/3.2;/3.7	-A7;-A11
46435	1	Rialto stacker Board 1	signal evaluation, motor control communication inputs for optical sensors	/3.4	-A9
54340	6	Double-level terminal block	PTTB 2,5 ; Double-level terminal block Cross section: 0.14mm² - 4mm², AWG: 26 - 12 Connection type: Push-in connection Width: 5.2mm Color: gray, Mounting type: NS 35/7,5, NS 35/15	/3.8	-A10-1;-A10-2;-A10-4...-A10-6;-A10-17
53356	23	Feed-through terminal block	PT 2,5-QUATTRO ; Feed-through terminal block Connection method: Push-in connection Cross section: 0.14mm² - 4mm², AWG: 26 - 12 Width: 5.2mm, Height: 35.3mm Color: gray, Mounting type: NS 35/7,5, NS 35/15	/3.8	-A10-3;-A10-7...-A10-16 -A10-20...-A10-27;-A10-30...-A10-33
53357	4	Ground modular terminal block	PT 2,5-QUATTRO-PE ; Ground modular terminal block Connection method: Push-in connection Cross section: 0.14mm² - 4mm², AWG: 26 - 12 Width: 5.2mm, Height: 35.3mm Color: green-yellow, Mounting type: NS 35/7,5, NS 35/15	/3.8	-A10-PE1...-A10-PE4
53372	6	Relay Module	RIF-1-RPT-LDP-24DC/2X21 ; Relay Module Pre-assembled relay module with push-in connection consisting of: relay base, power contact relay, plug-in display/suppressor module, and retaining bracket Input voltage: 24 V DC, Contact type: 2 PDTs.	/3.8	-A10-RL1...-A10-RL6

Bill of material

Müller_PHS_en

Müller-No.	Quantity	Name	Description	Placement	Resource identification
55141	1	Interface cable Cutter-Stacker	18-pole connection cable supply and communication	/3.9	-A12
55175	1	42V supply Stacker	3 x 1,5² 1 / 2 / PE	/3.8	-A13
55892	1	Antistatic	24V DC; I _{max} = 0,5A IP 66; M12 Connector; 0 - 55°C;	/16.5	-A16
56546	1	Bourns PTC Fuse with connection cable	MF-R110 / 1,1A / 30V	/16.5	-A17
56551	1	ADC Adapter	ADC Adapter	/3.2	-A18
56713	1	Stack Unit DirectV2	signal measurement	/3.5	-A19
58513	1	Interface cable for Dual-Stacker	Communication between Stackers	/3.6	-A21
58512	1	Line termination	Line termination for last Stacker in line	/3.5	-A22
52818	2	Fork light barriers	Panasonic PMR24	/6.0;/6.1	-D1;-D2
55250	2	Fork light barriers	Panasonic PMR24	/6.2;/6.3	-D3;-D4
56545	2	Reflection light barrier	autocollimation Sensing range max: 0m ... 4m Sensing range: 0m ... 2,5m Wave length: 650nm Dimensions (WxHxD): 12,2mm x 41,8mm x 17,3mm	/7.0;/7.2	-D6;-D7
56566	1	Fork light barriers with fuse	Fuse: MFR-110 / 1,1A / 30V	/8.2	-D8
53806	2	Magnet Flap complete	Magnet GTAF026M20A01	/14.4;/14.6	-F1;-F3
53827	1	Magnet complete flap	Magnet GTAF026M20A01	/14.2	-F2
56655	4	Fuse board - 2A	attachment for Müller motor outputs	/3.2;/3.3;/3.5	-F4...-F7
38480	1	Festo 3/2-way valve	Festo solenoid CPE10-M18H-3GL-M7	/18.2	-FESTO_V
56711	6	Hallsensor	A1324LUA-T Allegro	/7.5.../7.8	-H1...-H6

Klemmenaufreihplan

Müller_PHS

Artikelnummer					
Tragschiene			Leistschild	Endwinkel hinten	Abschlussplatte
Klemme					
Artikelnummer	Typnummer	Querschnitt	Klemmenschild	Brücke	Abdeckung
PXC.3209594	PT 2,5-QUATTRO-PE	4			
PXC.3210567	PTTB 2,5	4			
PXC.3210567	PTTB 2,5	4			
PXC.3209578	PT 2,5-QUATTRO	4			
PXC.3210567	PTTB 2,5	4			
PXC.3210567	PTTB 2,5	4			
PXC.3210567	PTTB 2,5	4			
PXC.3210567	PTTB 2,5	4			
PXC.3209578	PT 2,5-QUATTRO	4			
PXC.3209578	PT 2,5-QUATTRO	4			

=-A10

	PE1	
1		
	1	
101		
1		
2		
102		
2		
3		
4		
104		
4		
5		
105		
5		
6		
106		
6		
7		
107		
7		
8		
9		

24.b

Anlage			Datum	29.03.2018	EPLAN	Maßstab: 1	
Aufstellungsort			Bearb.	bischof			
Einbauort			Gepr		Müller Stacker		
Änderung	Datum	Name	Urspr				

25.a

Klemmenaufreihplan =-A10			
IEC_tpl001		Blatt	25
		Blatt	34

Klemmenaufreihplan

Müller_PHS

Artikelnummer					
Tragschiene			Leistschild	Endwinkel hinten	Abschlussplatte
Klemme					
Artikelnummer	Typnummer	Querschnitt	Klemmenschild	Brücke	Abdeckung
PXC.3209578	PT 2,5-QUATTRO	4			
PXC.3209578	PT 2,5-QUATTRO	4			
PXC.3209578	PT 2,5-QUATTRO	4			
PXC.3209578	PT 2,5-QUATTRO	4			
PXC.3209578	PT 2,5-QUATTRO	4			
PXC.3209578	PT 2,5-QUATTRO	4			
PXC.3209578	PT 2,5-QUATTRO	4			
PXC.3210567	PTTB 2,5	4			
PXC.3209594	PT 2,5-QUATTRO-PE	4			
PXC.3209578	PT 2,5-QUATTRO	4			
PXC.3209578	PT 2,5-QUATTRO	4			
PXC.3209578	PT 2,5-QUATTRO	4			

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	PE2	
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●	21	
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●	22	

Klemmenaufreihplan

Müller_PHS

Artikelnummer					
Tragschiene			Leistenschild	Endwinkel hinten	Abschlussplatte
Klemme					
Artikelnummer	Typnummer	Querschnitt	Klemmenschild	Brücke	Abdeckung
PXC.3209578	PT 2,5-QUATTRO	4			
PXC.3209578	PT 2,5-QUATTRO	4			
PXC.3209578	PT 2,5-QUATTRO	4			
PXC.3209578	PT 2,5-QUATTRO	4			
PXC.3209578	PT 2,5-QUATTRO	4			
PXC.3209594	PT 2,5-QUATTRO-PE	4			
PXC.3209578	PT 2,5-QUATTRO	4			
PXC.3209578	PT 2,5-QUATTRO	4			
PXC.3209578	PT 2,5-QUATTRO	4			
PXC.3209578	PT 2,5-QUATTRO	4			
PXC.3209594	PT 2,5-QUATTRO-PE	4			

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●	23	
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●	25	
●	26	
●	27	
	PE3	
●	30	
●	31	
	32	
	33	
	PE4	

