project : M1N

Description	Demo project
Job number	23-4000.01
Drawing No.	40.8050-01
Creator	Autodesk
Date	17.10.08
Number of sheets	31

AutoCAD Descad

				Date	17.10.08			Autodesk GmbH	cover sheet	Title	= AHY10	
				Drawn by	Autodesk			Oeschstr. 33		Demo project	+	
				Chkd.				73072 Donzdorf			Drawing No.	Page 1 +
Rev.	Modification	Date	Name	Norm		Original	Subst. For	Replaced by			40.8050-01	14 Pg.

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3	AHY10	13		Electrical Cabinet	17.10.08	Autodesk	A3Z
4	AHY10	14		terminal strips	17.10.08	Autodesk	A3Z
5	AHY10	3	H1	Power feeding	17.10.08	Autodesk	A3Z
6	AHY10	4	H1	hydraulic drive	17.10.08	Autodesk	A3Z
7	AHY10	5	H1	PLC hydraulic	17.10.08	Autodesk	A3Z
8	AHY10	6	H1	coolant pump	17.10.08	Autodesk	A3Z
9	AHY10	7	H1	grab arm	17.10.08	Autodesk	A3Z
10	AHY10	8	H1	PLC overview	17.10.08	Autodesk	A3Z
11	AHY10	9	H1	cable plan I	17.10.08	Autodesk	A3Z
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13	AHY10	11	H1	cable plan III	17.10.08	Autodesk	A3Z
14	AHY10	12	H1	cable plan IV plug plan	17.10.08	Autodesk	A3Z
15	LISTEN	10		Bauteilliste	17.10.08	Autodesk	A3Z
16	LISTEN	11		Bauteilliste	17.10.08	Autodesk	A3Z
17	LISTEN	50		Kabelliste	17.10.08	Autodesk	A3Z
18	LISTEN	60		Klemmleisten	17.10.08	Autodesk	A3Z
19	LISTEN	70		SPS-LISTE	17.10.08	Autodesk	A3Z

AutoCAD ecscad

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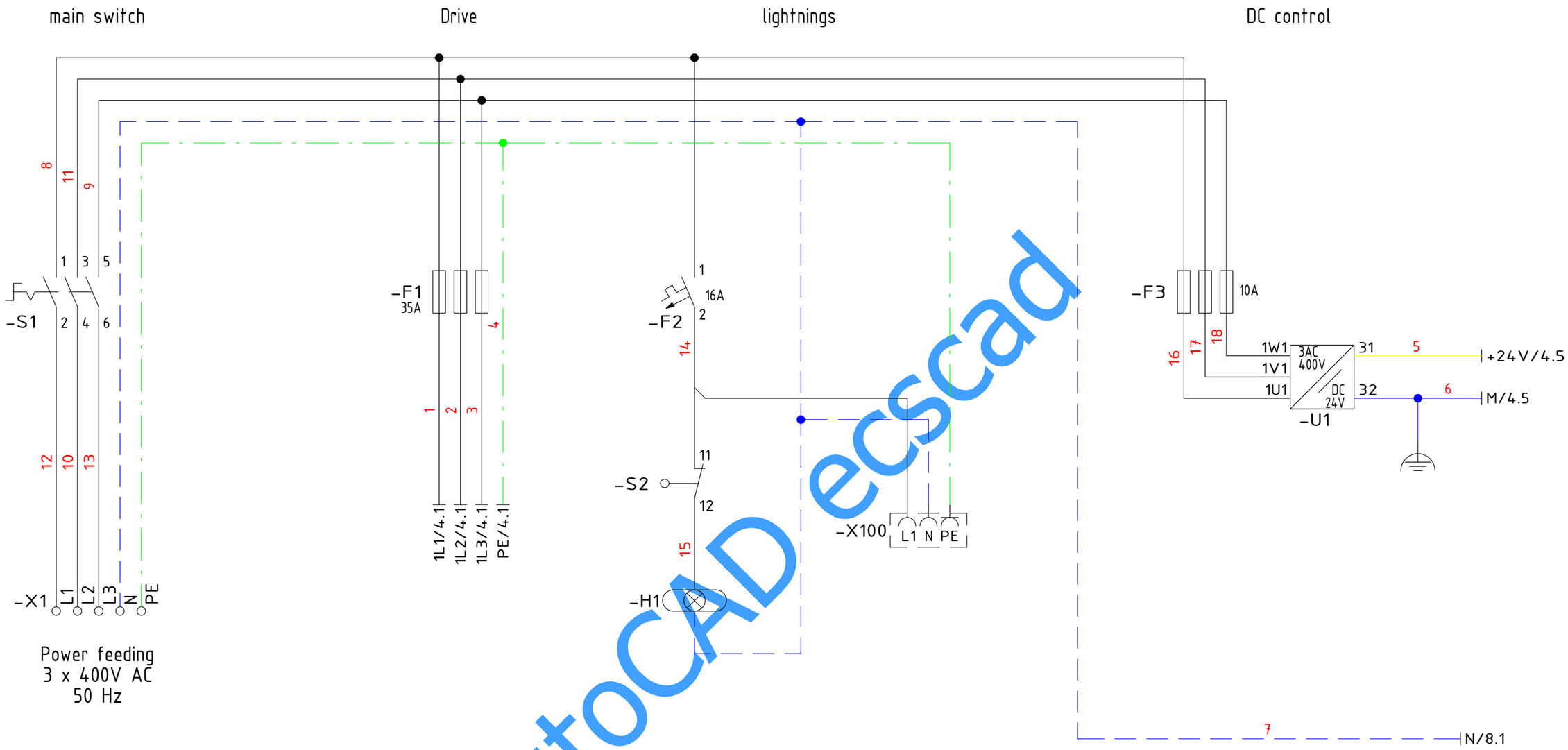
				Gepr.			73072 Donzdorf			Zeichnungsnummer	Blatt 2 +
Zust.	Änderung	Datum	Name	Norm		Urspr.	Ers.f.:	Ers.d.:		40.8050-01	14 Bl.



AutoCAD ecscad

4

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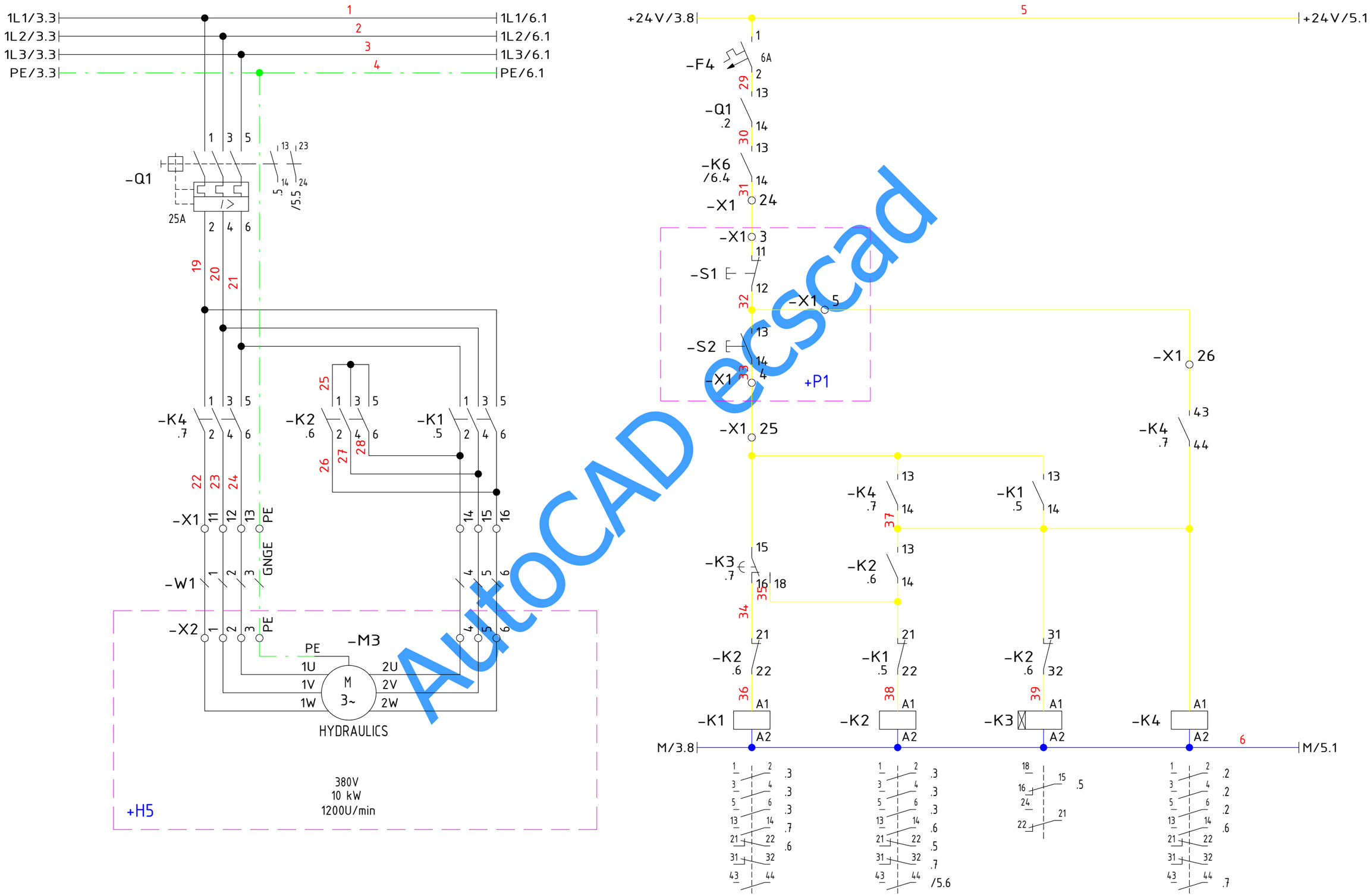
				Chkd.			73072 Donzdorf			Drawing No.	Page 3 +
Rev.	Modification	Date	Name	Norm		Original	Subst. For	Replaced by		40.8050-01	14 Pg.



AutoCAD ecscad

5

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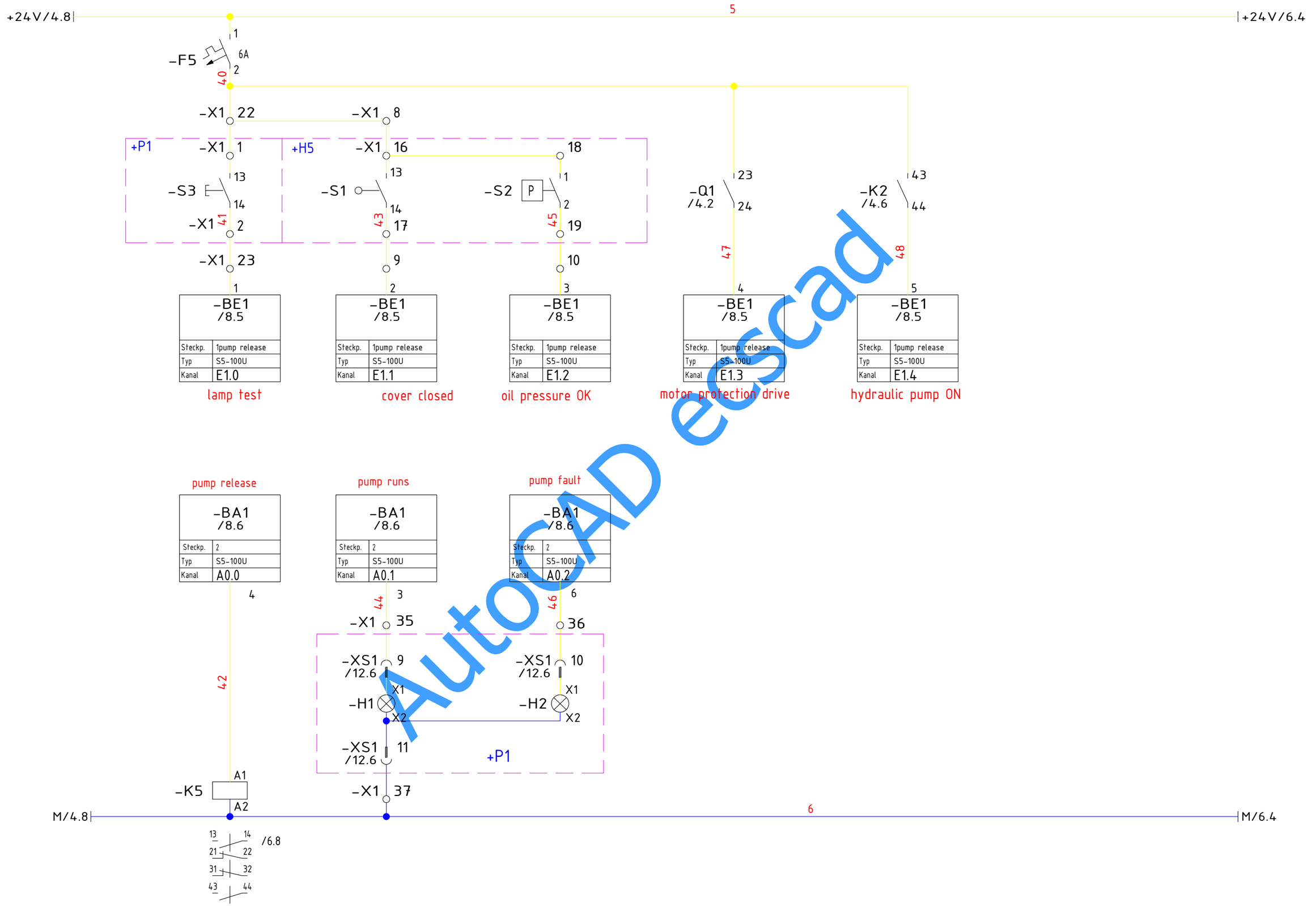
Rev.	Modification	Date	Name	Norm		Original	Subst. For	Replaced by		40.8050-01	14 Pg.



AutoCAD escad

6

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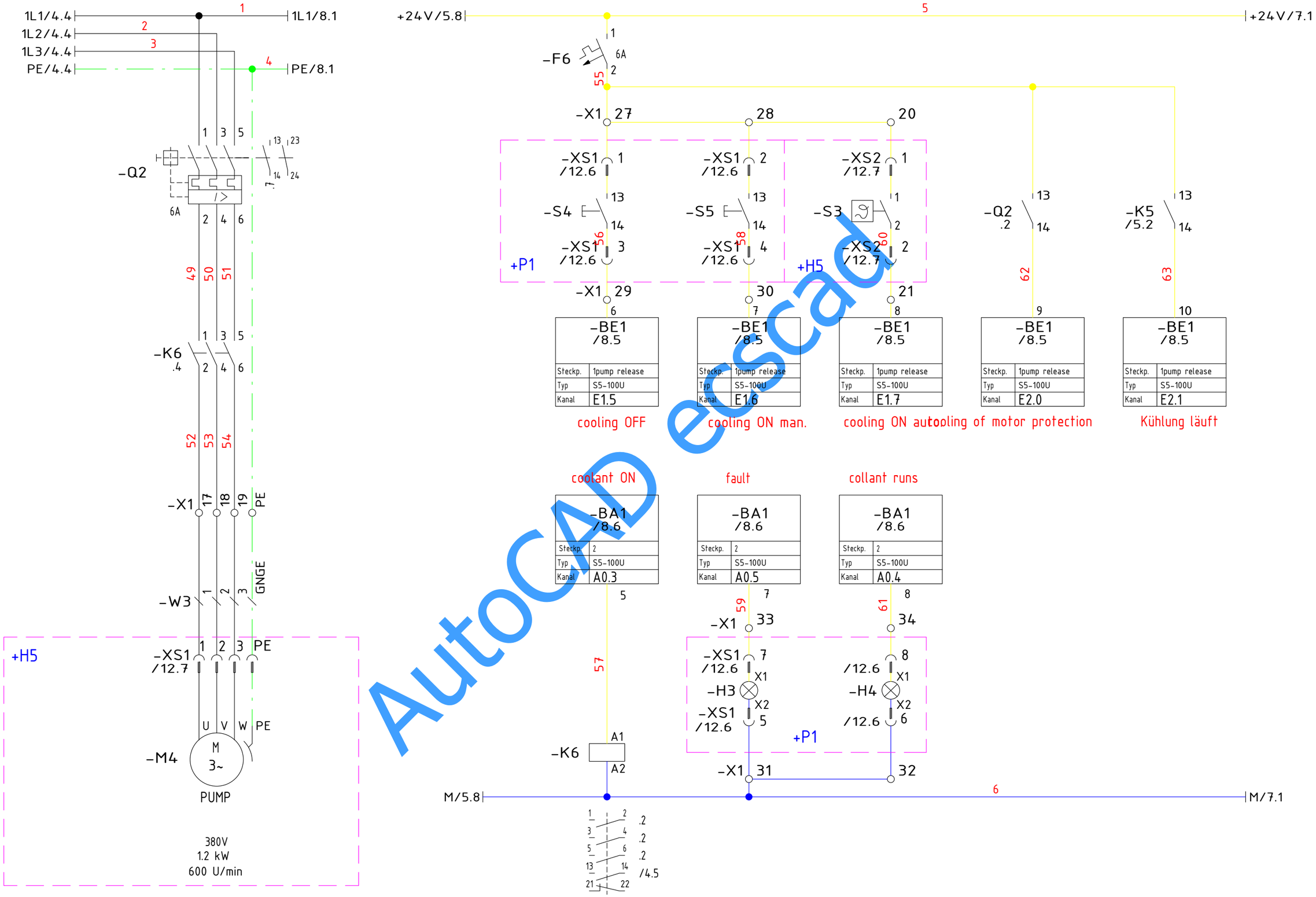
Rev.	Modification	Date	Name	Norm		Original	Subst. For	Replaced by		40.8050-01	14 Pg.



AutoCAD escad

7

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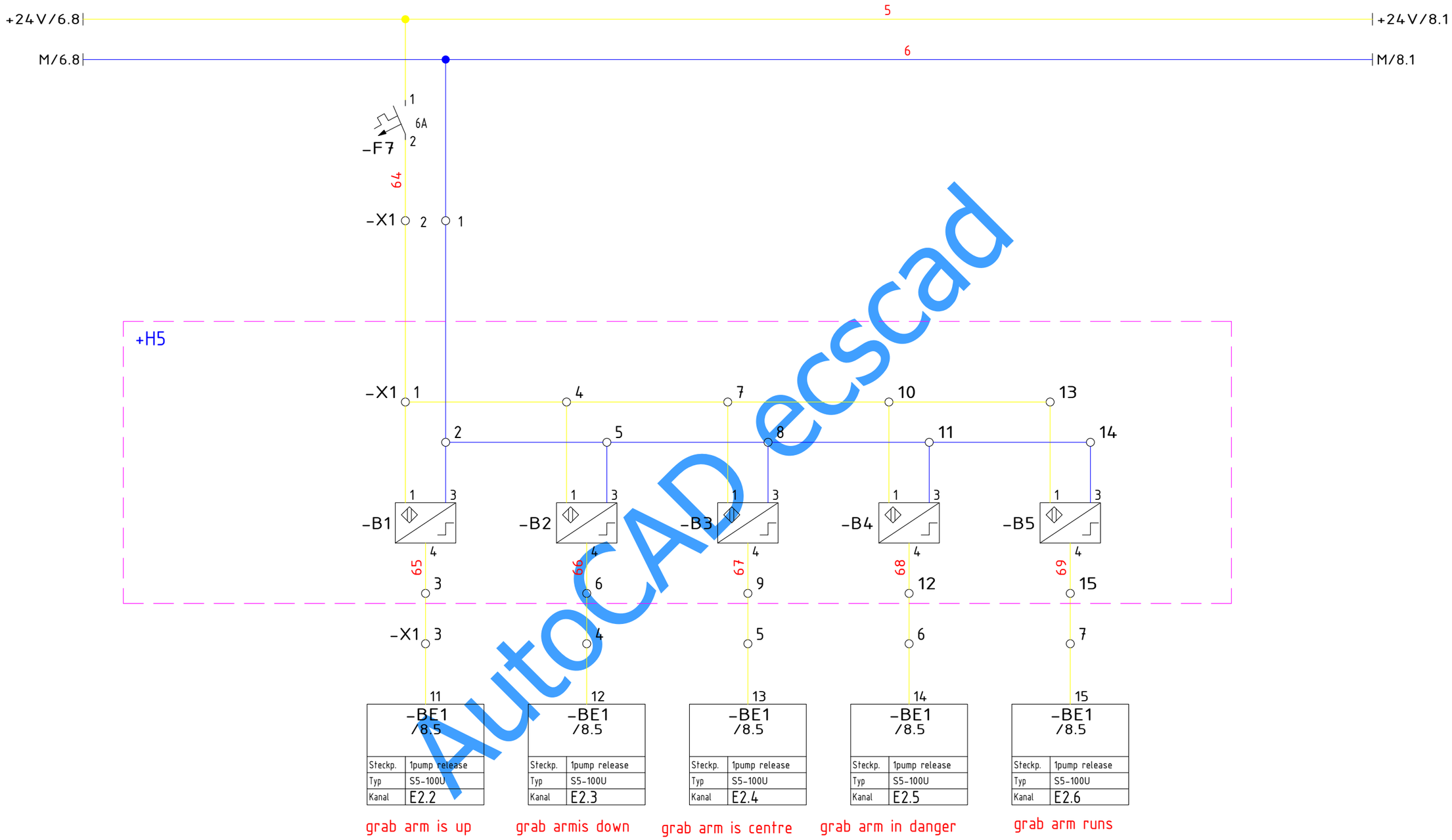
Rev.	Modification	Date	Name	Norm		Original	Subst. For	Replaced by		40.8050-01	14 Pg.



AutoCAD ecscad

8

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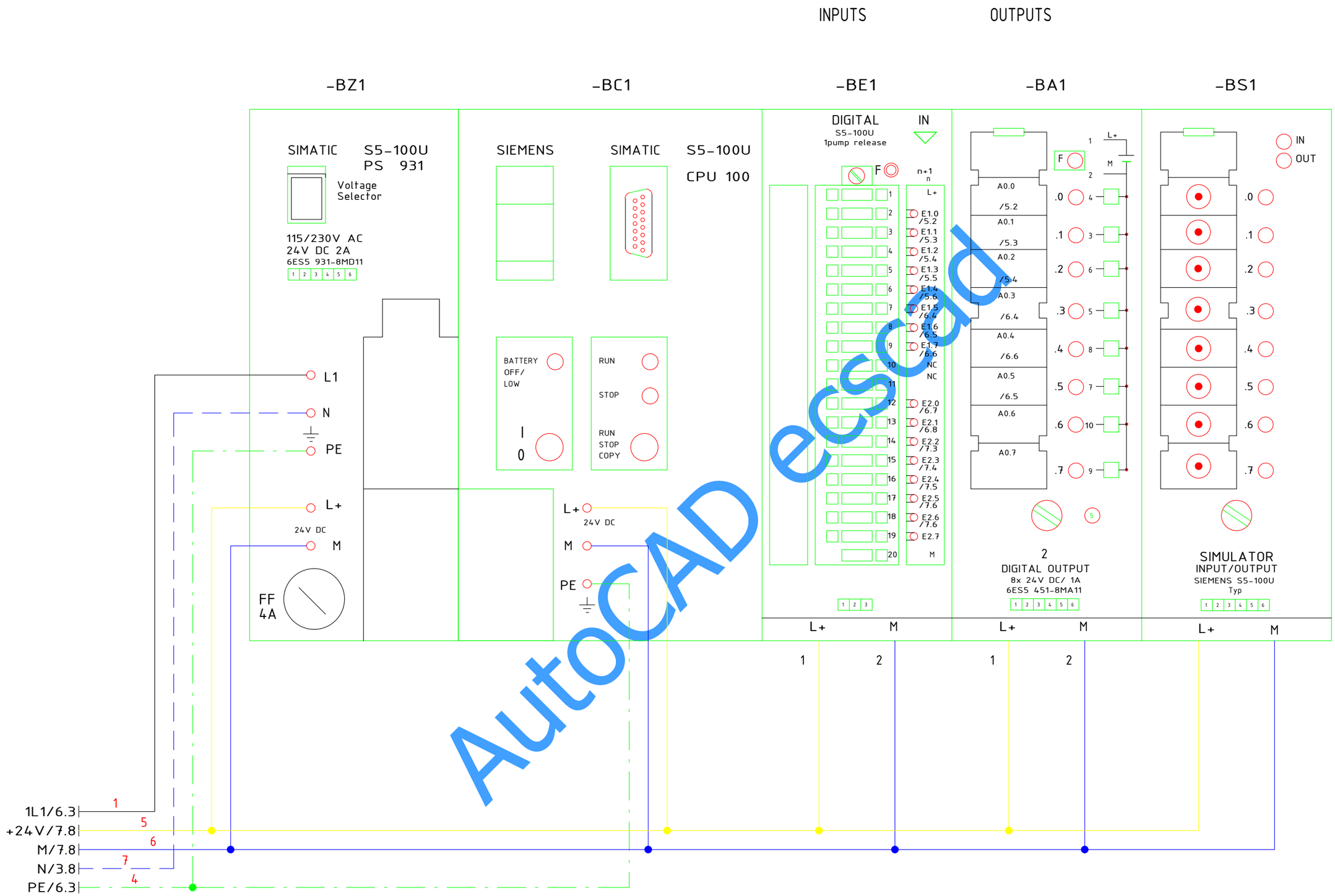
Rev.	Modification	Date	Name	Norm		Original	Subst. For	Replaced by		40.8050-01	14 Pg.



AutoCAD Desktop

9

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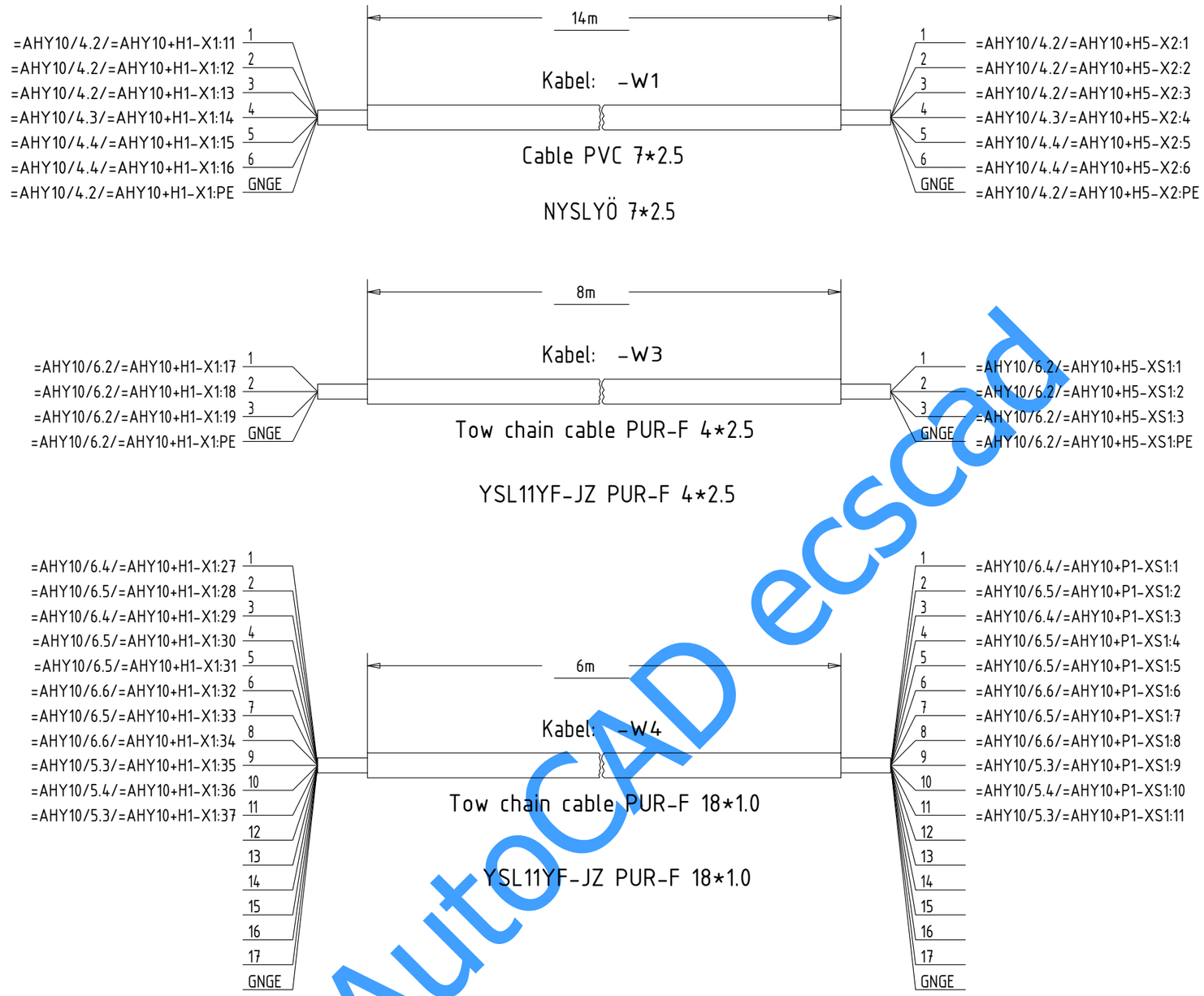
Rev.	Modification	Date	Name	Norm		Original	Subst. For	Replaced by		40.8050-01	14 Pg.



AutoCAD ecscad

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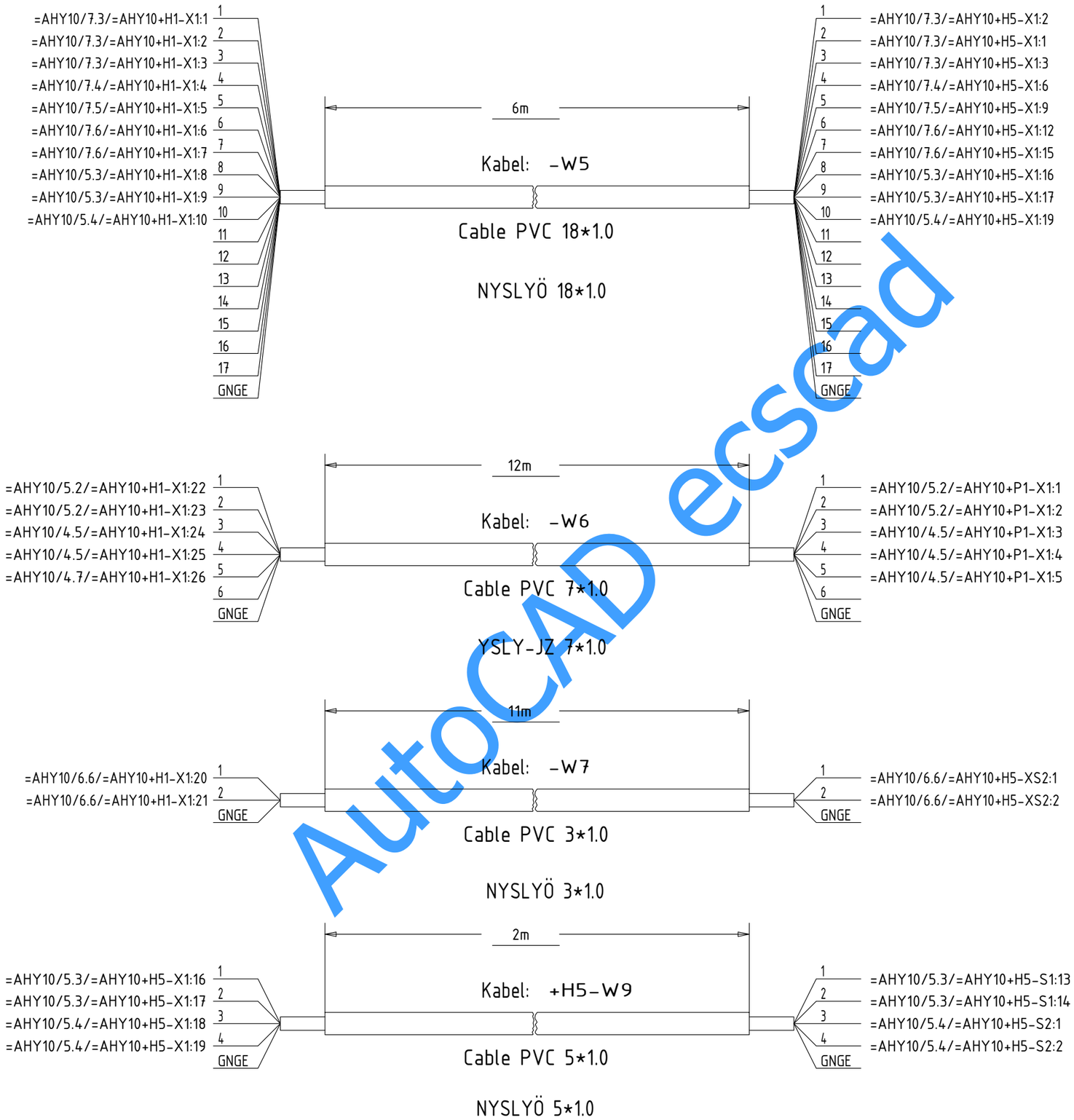
				Chkd.			73072 Donzdorf			Drawing No.	Page 9 +
Rev.	Modification	Date	Name	Norm		Original	Subst. For	Replaced by		40.8050-01	14 Pg.



AutoCAD Desead

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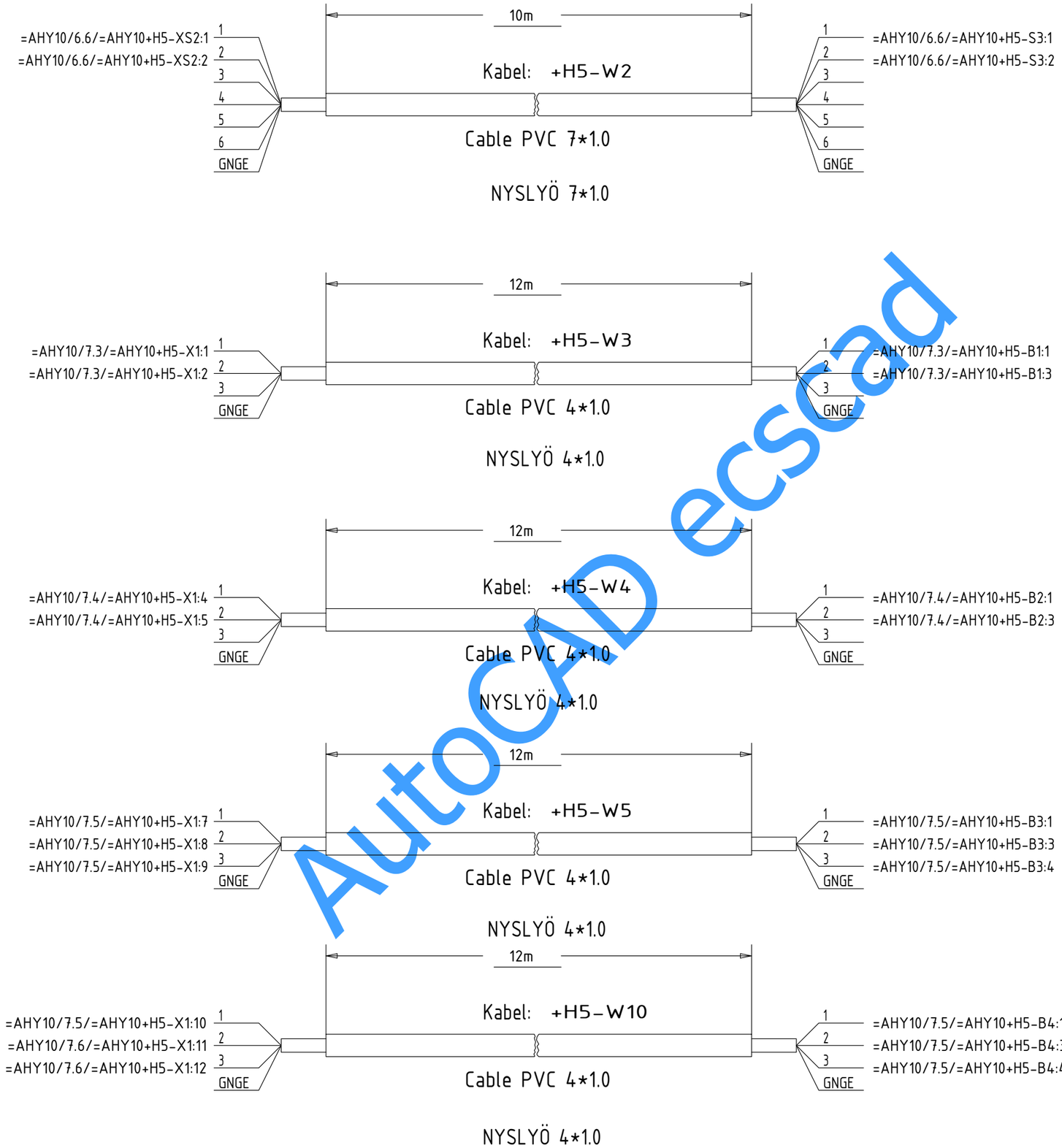
				Chkd.			73072 Donzdorf			Drawing No.	Page 10 +
Rev.	Modification	Date	Name	Norm		Original	Subst. For	Replaced by		40.8050-01	14 Pg.



AutoCAD ecsad

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				Chkd.				73072 Donzdorf			Drawing No.	Page 11 +
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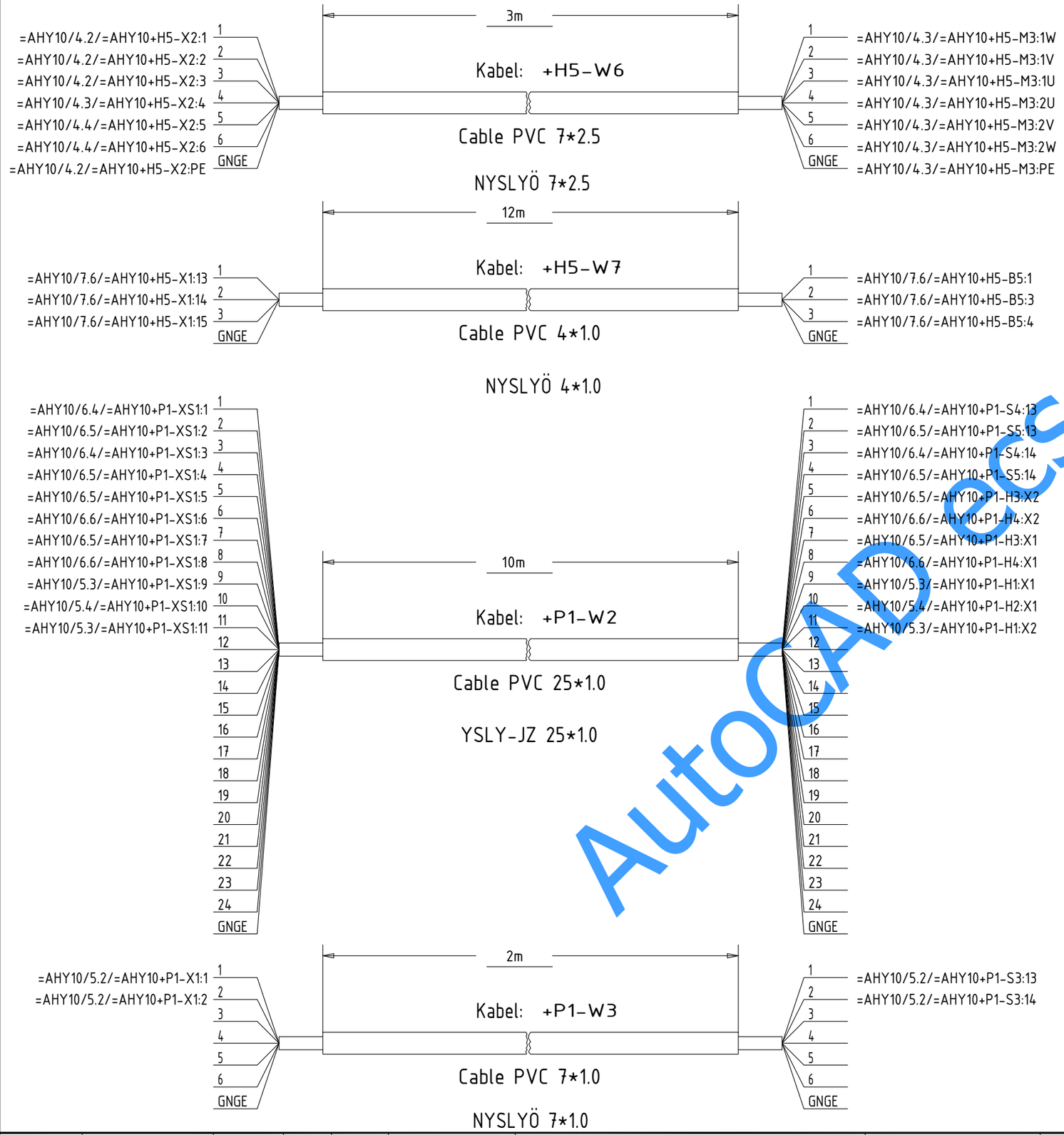

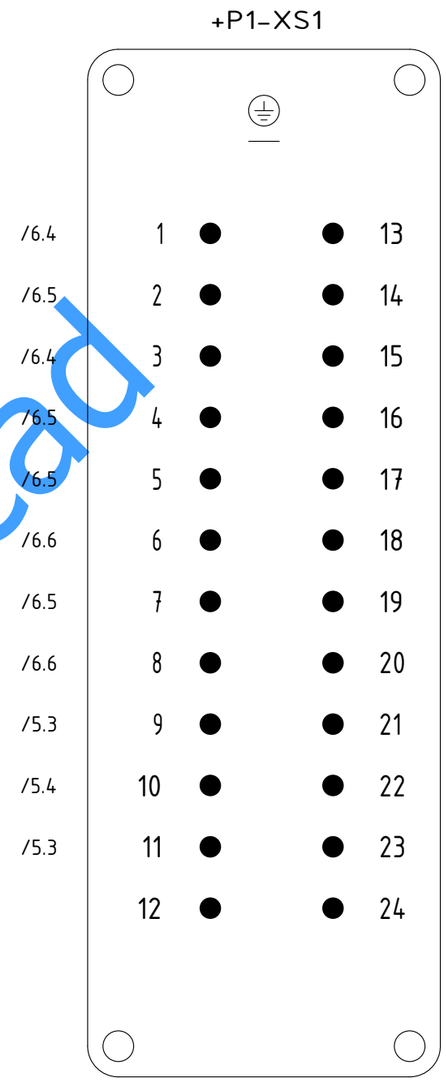

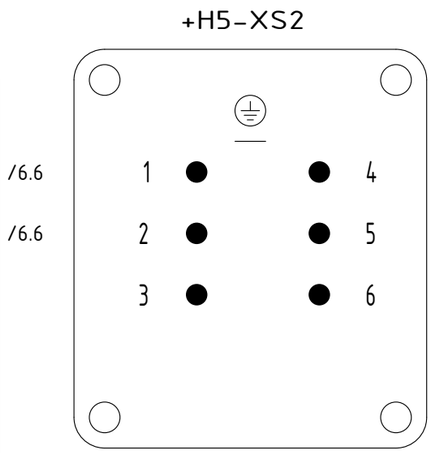

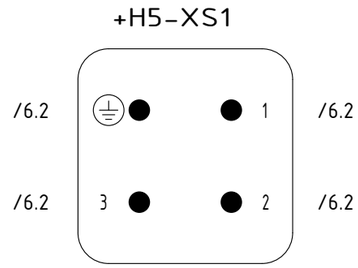

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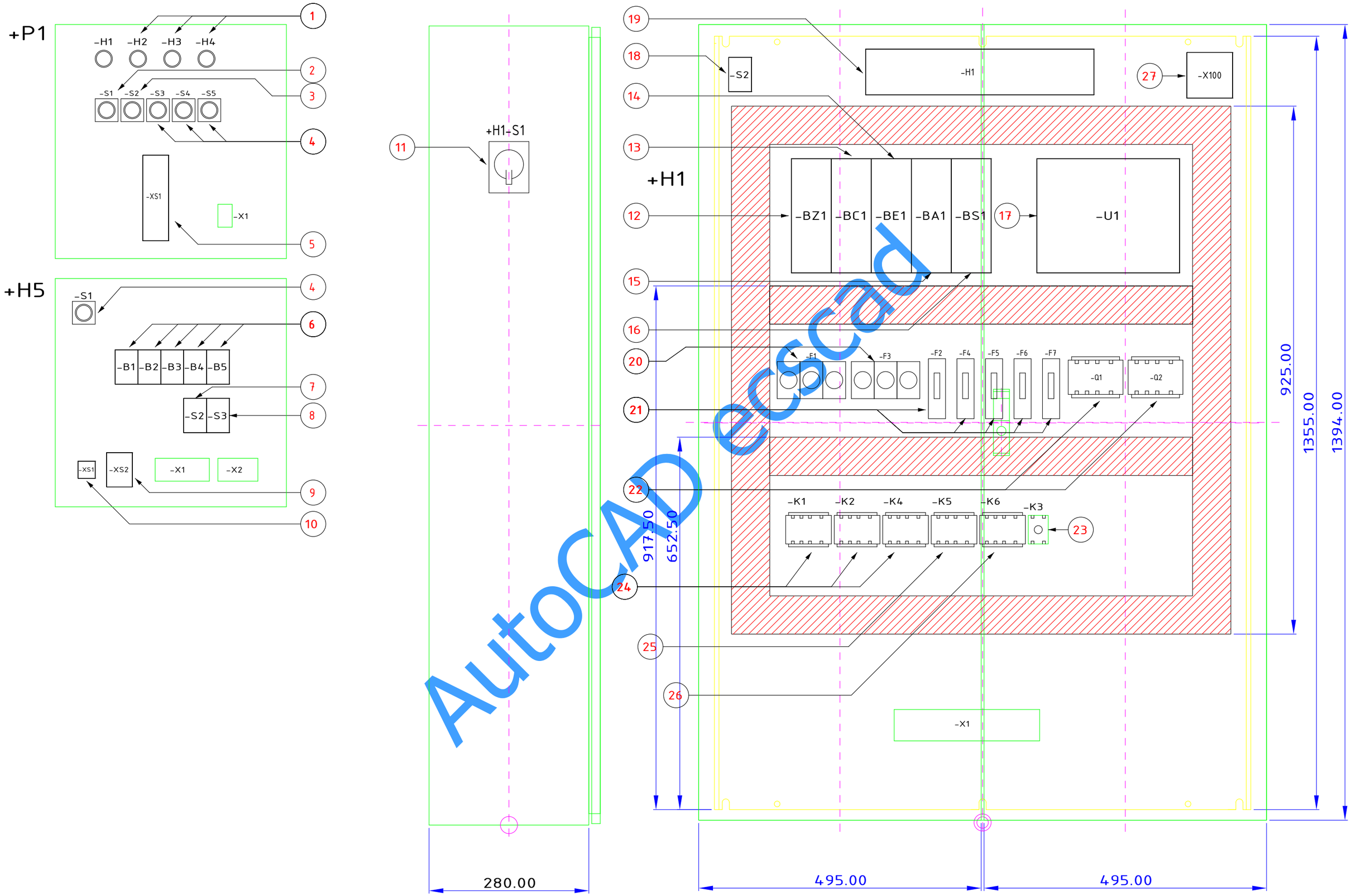
Rev.	Modification	Date	Name	Norm		Original	Subst. For	Replaced by		Drawing No. 40.8050-01	Page 12 + 14 Pg.



14

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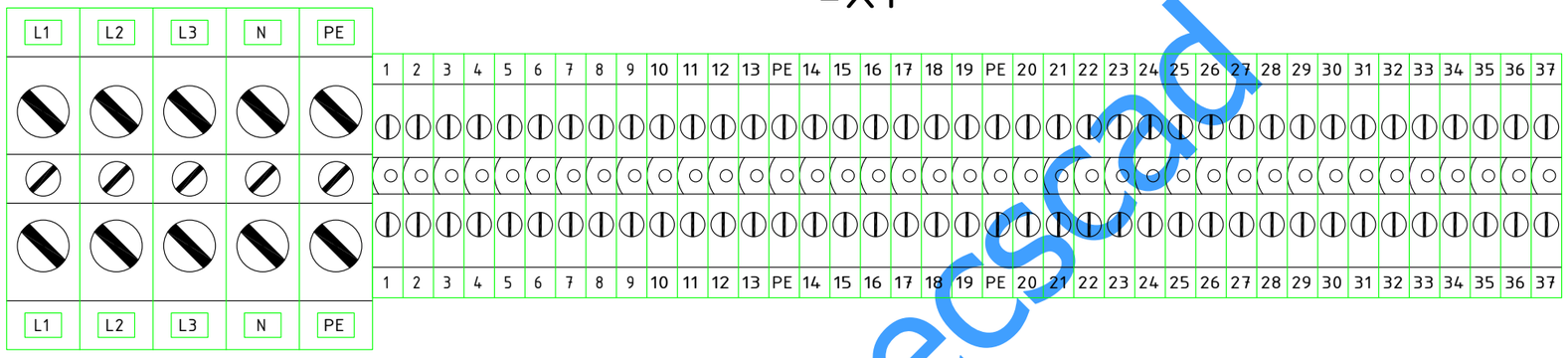
				Chkd.			73072 Donzdorf			Drawing No.	Page 13 +
Rev.	Modification	Date	Name	Norm		Original	Subst. For	Replaced by		40.8050-01	14 Pg.

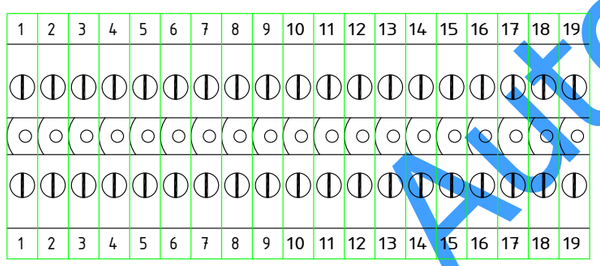
+H1

-X1

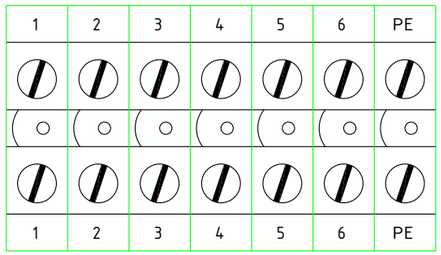


+H5

-X1

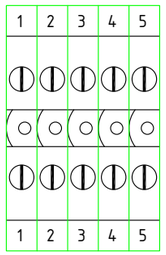


-X2



+P1

-X1



AutoCAD ecscad

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				Chkd.			73072 Donzdorf			Drawing No.	Page 14 -
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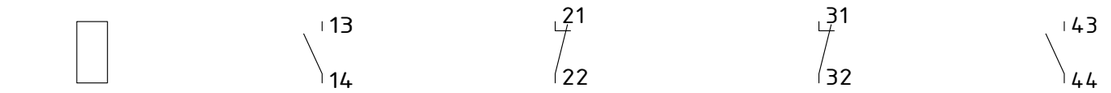
Geraetebezeichnung Techn. Daten	Anlage	Einbau Ort	Geraete BMK	Schaltzeichen, Strompfad Stromlaufplan					
1000001 Schuetz 3TJ1004-0BB4,22									
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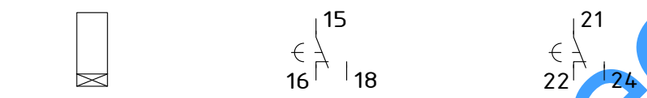
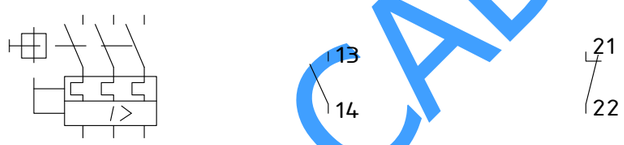
1000011 Schuetz 3TJ1004-0BB4,H11									
	AHY10	H1	K6	6.4	6.2	4.5			
12511678 220V/50Hz, 10A, 2W									
	AHY10	H1	K3	4.7	4.5				
1271252 Motorschutzschalter 3VE1010-2H, I=1.6-2.5A									
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	AHY10	H1	Q2	6.2	6.7				
1358550 Hauptschalter									
	AHY10	H1	S1	3.1					

AutoCAD ecscad

				Date	17.10.08			Autodesk GmbH Oeschstr. 33 73072 Donzdorf	graph. parts list energy supply firm	Title Demo project	= GSLIST +
				Drawn by	Autodesk						
				Chkd.						Drawing No. 40.8050-01	Page 1 + 4 Pg.
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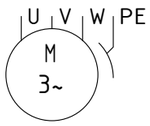
Geraetebezeichnung Techn. Daten	Anlage	Einbau Ort	Geraete BMK	Schaltzeichen, Strompfad Stromlaufplan						
200030 Drucktaster										
	AHY10	H5	S1	5.3						
	AHY10	P1	S3	5.2						
	AHY10	P1	S4	6.4						
	AHY10	P1	S5	6.5						
5434502 Motor										
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600002 Schuetz 3TJ4219-0AM0,H2S20										
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	AHY10	H1	K2	4.6	4.3	4.6	4.5	4.7	5.6	
	AHY10	H1	K4	4.7	4.2	4.6			4.7	
763243 Kontrolleuchte										
	AHY10	P1	H1	5.3						
	AHY10	P1	H2	5.4						
	AHY10	P1	H3	6.5						
	AHY10	P1	H4	6.6						

AutoCAD ecscad

3

				Date	17.10.08		Autodesk GmbH	graph. parts list	Title
				Drawn by	Autodesk		Oeschstr. 33	energy supply firm	Demo project
				Chkd.			73072 Donzdorf		
Rev.	Modification	Date	Name	Norm		Original	Subst. For	Replaced by	

= GSLIST
+
Drawing No. 40.8050-01
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Geraetebezeichnung Techn. Daten	Anlage	Einbau Ort	Geraete BMK	Schaltzeichen, Strompfad Stromlaufplan
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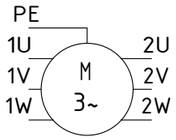
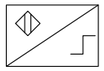
8768 Motor				
	AHY10	H5	M3	4.3
883822 Initiator				
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	AHY10	H5	B3	7.5
	AHY10	H5	B4	7.5
	AHY10	H5	B5	7.6
F100 Hauptsicherung				
	AHY10	H1	F1	3.3
	AHY10	H1	F3	3.7

AutoCAD ecscad

				Date	17.10.08			Autodesk GmbH	graph. parts list	Title	= GSLIST
				Drawn by	Autodesk			Oeschstr. 33	energy supply firm	Demo project	+
				Chkd.				73072 Donzdorf			Drawing No. 40.8050-01 / Page 3 +
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Geraetebezeichnung Techn. Daten	Anlage	Einbau Ort	Geraete BMK	Schaltzeichen, Strompfad Stromlaufplan
F102 Sicherungsautomat				
	AHY10	H1	F2	3.4
	AHY10	H1	F4	4.5
	AHY10	H1	F5	5.2
	AHY10	H1	F6	6.4
	AHY10	H1	F7	7.3
S103 Drucktaster				
	AHY10	P1	S2	4.5

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				Date	17.10.08			Autodesk GmbH	graph. parts list	Title	= GSLIST
				Drawn by	Autodesk			Oeschstr. 33	energy supply firm	Demo project	+
				Chkd.				73072 Donzdorf			
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terminal strip =AHY10+H1-X1

no.	type	cross section	length	conductor label	destination internal =Inst.+Loc.-Dev.ID:Conn	cr.reference	bridge	additive	terminal no.	destination external =Inst.+Loc.-Dev.ID:Conn	conductor label	no.	type	cross section	length	-W5 NYSLYÖ 18*1.0 6m	-W1 NYSLYÖ 7*2.5 14m	-W3 YSL11YF-JZ PUR-F 4*2.5 8m	-W7 NYSLYÖ 3*1.0 11m	-W6 YSLY-JZ 7*1.0 12m	-W4 YSL11YF-JZ PUR-F 18*1.0 6m	remark
					31-X1:	7.3			1	2-X1+H5:	1					X						
					2-F7:	7.3			2	1-X1+H5:	2					X						
					11-BE1:	7.3			3	3-X1+H5:	3					X						
					12-BE1:	7.4			4	6-X1+H5:	4					X						
					13-BE1:	7.5			5	9-X1+H5:	5					X						
					14-BE1:	7.6			6	12-X1+H5:	6					X						
					15-BE1:	7.6			7	15-X1+H5:	7					X						
						5.3			8	16-X1+H5:	8					X						
					2-BE1:	5.3			9	17-X1+H5:	9					X						
					3-BE1:	5.4			10	19-X1+H5:	10					X						
					2-K4:	4.2			11	1-X2+H5:	1						X					
					4-K4:	4.2			12	2-X2+H5:	2						X					
					6-K4:	4.2			13	3-X2+H5:	3						X					
					PE-X100:	4.2			PE	PE-X2+H5:	GNGE						X					
					2-K1:	4.3			14	4-X2+H5:	4						X					
					4-K1:	4.4			15	5-X2+H5:	5						X					
					6-K1:	4.4			16	6-X2+H5:	6						X					
					2-K6:	6.2			17	1-XS1+H5:	1							X				
					4-K6:	6.2			18	2-XS1+H5:	2							X				
					6-K6:	6.2			19	3-XS1+H5:	3							X				
					PE-X1:	6.2			PE	PE-XS1+H5:	GNGE							X				
						6.6			20	1-XS2+H5:	1								X			
					8-BE1:	6.6			21	2-XS2+H5:	2								X			
					2-F5:	5.2			22	1-X1+P1:	1									X		
					1-BE1:	5.2			23	2-X1+P1:	2									X		
					14-K6:	4.5			24	3-X1+P1:	3									X		
					15-K3:	4.5			25	4-X1+P1:	4									X		
					43-K4:	4.7			26	5-X1+P1:	5									X		
					2-F6:	6.4			27	1-XS1+P1:	1										X	
						6.5			28	2-XS1+P1:	2										X	
					6-BE1:	6.4			29	3-XS1+P1:	3										X	
					7-BE1:	6.5			30	4-XS1+P1:	4										X	
					A2-K6:	6.5			31	5-XS1+P1:	5										X	
						6.6			32	6-XS1+P1:	6										X	
					7-BA1:	6.5			33	7-XS1+P1:	7										X	
					8-BA1:	6.6			34	8-XS1+P1:	8										X	
					3-BA1:	5.3			35	9-XS1+P1:	9										X	
					6-BA1:	5.4			36	10-XS1+P1:	10										X	
					A2-K5:	5.3			37	11-XS1+P1:	11										X	
					2-S1:	3.1			L1													

1.1

AutoCAD

				Date	17.10.08		Autodesk GmbH Oeschstr. 33 73072 Donzdorf	=AHY10+H1-X1	Title Demo project	= KPLAN + H1
				Drawn by	Autodesk					
				Chkd.					Drawing No. 40.8050-01	Page 1 + 8 Pg.
Rev.	Modification	Date	Name	Norm		Original / Subst. For	Replaced by			

terminal strip =AHY10+H1-X1

destination internal =Inst.+Loc.-Dev.ID:Conn	cr.reference	bridge	additive	terminal no.	destination external =Inst.+Loc.-Dev.ID:Conn
4-S1:	3.1			L2	
6-S1:	3.1			L3	
-H1	3.2			N	
PE-X1:	3.2			PE	

no.	type	cross section	length	cable	conductor label

no.	type	cross section	length	cable	conductor label

remark

AutoCAD ecscad

2

				Date	17.10.08		Autodesk GmbH	=AHY10+H1-X1	Title
				Drawn by	Autodesk		Oeschstr. 33		Demo project
				Chkd.			73072 Donzdorf		
Rev.	Modification	Date	Name	Norm		Original	Subst. For	Replaced by	

= KPLAN
+ H1

Drawing No. 40.8050-01

Page 1.1 + 8 Pg.

terminal strip =AHY10+H5-X1

	-W5	conductor label
no. type cross section length	NYSLYÖ 18*1.0 6m	
		2
		1
		3
		4
		5
		6
		7
		8
		9
		10

destination internal =Inst.+Loc.-Dev.ID:Conn	cr.reference	bridge	additive	terminal no.	destination external =Inst.+Loc.-Dev.ID:Conn
2-X1+H1:	7.3	●		1	1-B1:
1-X1+H1:	7.3	●		2	3-B1:
3-X1+H1:	7.3			3	4-B1:
	7.4	●		4	1-B2:
	7.4	●	⊣⊢	5	3-B2:
4-X1+H1:	7.4			6	4-B2:
	7.5	●		7	1-B3:
	7.5	●		8	3-B3:
5-X1+H1:	7.5		⊣⊢	9	4-B3:
	7.5	●		10	1-B4:
	7.6	●		11	3-B4:
6-X1+H1:	7.6		⊣⊢	12	4-B4:
	7.6	●		13	1-B5:
	7.6	●		14	3-B5:
7-X1+H1:	7.6		⊣⊢	15	4-B5:
8-X1+H1:	5.3	●		16	13-S1:
9-X1+H1:	5.3			17	14-S1:
	5.4	●		18	1-S2:
10-X1+H1:	5.4			19	2-S2:

conductor label	no. type cross section length	-W3 NYSLYÖ 4*1.0 12m	-W4 NYSLYÖ 4*1.0 12m	-W5 NYSLYÖ 4*1.0 12m	-W10 NYSLYÖ 4*1.0 12m	-W7 NYSLYÖ 4*1.0 12m	-W9 NYSLYÖ 5*1.0 2m
1		X					
2		X					
1			X				
2			X				
1				X			
2				X			
3				X			
1					X		
2					X		
3					X		
1						X	
2						X	
3						X	
1							X
2							X
3							X
4							X

remark

AutoCAD Decscad

				Date	17.10.08		Autodesk GmbH	=AHY10+H5-X1	Title	= KPLAN
				Drawn by	Autodesk		Oeschstr. 33		Demo project	+ H5
				Chkd.			73072 Donzdorf			
Rev.	Modification	Date	Name	Norm		Original / Subst. For	Replaced by		Drawing No. 40.8050-01	Page 2 + 8 Pg.

terminal strip =AHY10+H5-X2

-W1 NYSLYÖ 7*2.5 14m											
no. type cross section length cable	conductor label	destination internal =Inst.+Loc.-Dev.ID:Conn	cr.reference	bridge	additive	terminal no.	destination external =Inst.+Loc.-Dev.ID:Conn	conductor label	no. type cross section length cable	-W6 NYSLYÖ 7*2.5 3m	remark
	1	11-X1+H1:	4.2			1	1W-M3:	1			HYDRAULICS
	2	12-X1+H1:	4.2			2	1V-M3:	2			
	3	13-X1+H1:	4.2			3	1U-M3:	3			
	4	14-X1+H1:	4.3			4	2U-M3:	4			
	5	15-X1+H1:	4.4			5	2V-M3:	5			
	6	16-X1+H1:	4.4			6	2W-M3:	6			
	GNGE	PE-X1+H1:	4.2			PE	PE-M3:	GNGE			

AutoCAD ecscad

				Date	17.10.08		Autodesk GmbH	=AHY10+H5-X2	Title	= KPLAN	
				Drawn by	Autodesk		Oeschstr. 33		Demo project	+ H5	
				Chkd.			73072 Donzdorf			Drawing No.	Page 3 +
Rev.	Modification	Date	Name	Norm		Original	Subst. For	Replaced by		40.8050-01	8 Pg.

terminal strip =AHY10+H5-XS1

-W3 YSL11YF-JZ PUR-F 4*2.5 8m	no. type cross section length cable	conductor label	destination internal =Inst.+Loc.-Dev.ID:Conn	cr.reference	bridge	additive	terminal no.	destination external =Inst.+Loc.-Dev.ID:Conn	conductor label	no. type cross section length cable	remark
X	1		17-X1+H1:	6.2			1	U-M4:			PUMP
X	2		18-X1+H1:	6.2			2	V-M4:			
X	3		19-X1+H1:	6.2			3	W-M4:			
X	GNGE		PE-X1+H1:	6.2			PE	PE-M4:			

AutoCAD ecscad

5

				Datum	17.10.08		Autodesk GmbH	=AHY10+H5-XS1	Projektbezeichnung	= KPLAN	
				Bearb.	Autodesk		Oeschstr. 33	Zusatz	Demo project	+ H5	
				Gepr.			73072 Donzdorf				
Zust.	Änderung	Datum	Name	Norm		Urspr.	Ers.f.:	Ers.d.:		Zeichnungsnummer 40.8050-01	Blatt 4 + 8 Bl.

terminal strip =AHY10+H5-XS2

-W7 NYSLYÖ 3*1.0 11m	conductor label
X	1
X	2

destination internal =Inst.+Loc.-Dev.ID:Conn	cr.reference	bridge	additive	terminal no.	destination external =Inst.+Loc.-Dev.ID:Conn
20-X1+H1:	6.6			1	1-S3:
21-X1+H1:	6.6			2	2-S3:
	.			3	
	.			4	
	.			5	
	.			6	
	.			PE	

-W2 NYSLYÖ 7*1.0 10m	conductor label
X	1
X	2

remark

AutoCAD ecscad

				Datum	17.10.08
				Bearb.	Autodesk
				Gepr.	
Zust.	Änderung	Datum	Name	Norm	

Urspr. | Ers.f.: | Ers.d.:

Autodesk GmbH
Oeschstr. 33
73072 Donzdorf

=AHY10+H5-XS2
Zusatz

Projektbezeichnung
Demo project

= KPLAN
+ H5

Zeichnungsnummer
40.8050-01

Blatt 5 +
8 Bl.

terminal strip =AHY10+P1-X1

conductor label	-W6 YSLY-JZ 7*1.0 12m	-W3 NYSLYÖ 7*1.0 2m	no. type cross section length cable
1		X	
2	X		

destination internal =Inst.+Loc.-Dev.ID:Conn	cr.reference	bridge	additive	terminal no.	destination external =Inst.+Loc.-Dev.ID:Conn
13-S3:	5.2			1	22-X1+H1:
23-X1+H1:	5.2			2	14-S3:
11-S1:	4.5			3	24-X1+H1:
14-S2:	4.5			4	25-X1+H1:
12-S1:	4.5			5	26-X1+H1:

conductor label	no. type cross section length cable	-W6 YSLY-JZ 7*1.0 12m	-W3 NYSLYÖ 7*1.0 2m
1		X	
2			X
3		X	
4		X	
5		X	

remark

AutoCAD ecscad

				Date	17.10.08		Autodesk GmbH	=AHY10+P1-X1	Title	= KPLAN	
				Drawn by	Autodesk		Oeschstr. 33		Demo project	+ P1	
				Chkd.			73072 Donzdorf			Drawing No.	Page 6 +
Rev.	Modification	Date	Name	Norm		Original	Subst. For	Replaced by		40.8050-01	8 Pg.

terminal strip =AHY10+P1-XS1

-W4 YSL11YF-JZ PUR-F 18*1.0 6m	conductor label
	1
	2
	3
	4
	5
	6
	7
	8
	9
	10
	11

destination internal =Inst.+Loc.-Dev.ID:Conn	cr.reference	bridge	additive	terminal no.	destination external =Inst.+Loc.-Dev.ID:Conn
27-X1+H1:	6.4			1	13-S4:
28-X1+H1:	6.5			2	13-S5:
29-X1+H1:	6.4			3	14-S4:
30-X1+H1:	6.5			4	14-S5:
31-X1+H1:	6.5			5	X2-H3:
32-X1+H1:	6.6			6	X2-H4:
33-X1+H1:	6.5			7	X1-H3:
34-X1+H1:	6.6			8	X1-H4:
35-X1+H1:	5.3			9	X1-H1:
36-X1+H1:	5.4			10	X1-H2:
37-X1+H1:	5.3			11	X2-H1:
	5.3				X2-H2:
	.			12	
	.			13	
	.			14	
	.			15	
	.			16	
	.			17	
	.			18	
	.			19	
	.			20	
	.			21	
	.			22	
	.			23	
	.			24	
	.			PE	

-W2 YSLY-JZ 25*1.0 10m	conductor label
	1
	2
	3
	4
	5
	6
	7
	8
	9
	10
	11
	11

remark

AutoCAD ecscad

				Datum	17.10.08			Autodesk GmbH	=AHY10+P1-XS1	Projektbezeichnung	= KPLAN
				Bearb.	Autodesk			Oeschstr. 33	Zusatz	Demo project	+ P1
				Gepr.				73072 Donzdorf			
Zust.	Änderung	Datum	Name	Norm		Urspr.	Ers.f.:	Ers.d.:		Zeichnungsnummer 40.8050-01	Blatt 7 - 8 Bl.

bill of material

no.	pos.	installation	device ID	location	partnumber	Description	order number	manufacturer	page.line
1	15	AHY10	BA1	H1	9898933	PLC output card	6ES5 451-8MA11	Siemens	8.6
2	13	AHY10	BC1	H1	8783838	PLC, CPU	S5 100U-CPU100	Siemens	8.3
3	14	AHY10	BE1	H1	8977777	PLC module 16 inputs	6ES5 422-8MA11	Siemens	8.5
4	16	AHY10	BS1	H1	9097666	PLC SIMU module	6ES5 788-8MA11	Siemens	8.7
5	12	AHY10	BZ1	H1	9984949	PLC current supply	6ES5 980-3BC61	Siemens	8.2
6	20	AHY10	F1	H1	F100	main fuse	112109	AEG	3.3
7	21	AHY10	F2	H1	F102	fuse enclosure	S221-K6	AEG	3.4
8	20	AHY10	F3	H1	F100	main fuse	112109	AEG	3.7
9	21	AHY10	F4	H1	F102	fuse enclosure	S221-K6	AEG	4.5
10	21	AHY10	F5	H1	F102	fuse enclosure	S221-K6	AEG	5.2
11	21	AHY10	F6	H1	F102	fuse enclosure	S221-K6	AEG	6.4
12	21	AHY10	F7	H1	F102	fuse enclosure	S221-K6	AEG	7.3
13	19	AHY10	H1	H1	655577	fluorescent lamp	79888348	Philips	3.4
14	24	AHY10	K1	H1	600002	relay	07815S	Siemens	4.5
15	24	AHY10	K2	H1	600002	relay	07815S	Siemens	4.6
16	23	AHY10	K3	H1	12511678	Time-delay-relay	87AW2222W	Haller	4.7
17	24	AHY10	K4	H1	600002	relay	07815S	Siemens	4.7
18	25	AHY10	K5	H1	1000001	relay	67565476	K-M	5.2
19	26	AHY10	K6	H1	1000011	relay	44555	K-M	6.4
20	22	AHY10	Q1	H1	1271252	terminal circuit breaker	04198	Siemens	4.2
21	22	AHY10	Q2	H1	1271252	terminal circuit breaker	04198	Siemens	6.2
22	11	AHY10	S1	H1	1358550	main switch	C11250-600E	Kraus&Naimer	3.1
23	18	AHY10	S2	H1	1501522	limit switch	14345656	Rafi	3.4
24	17	AHY10	U1	H1	7730020	Rectifier	78778-00.11	Germann	3.7
25	0	AHY10	W1	H1	30073	cabel YSL11YF 7*2.5	30073	Lapp	4.2
26	0	AHY10	W3	H1	30066	cabel YSL11YF 4*2.5	30066	Lapp	6.2
27	0	AHY10	W4	H1	30076	cabel YSL11YF 18*1.0	30076	Lapp	6.4
28	0	AHY10	W5	H1	30195	cabel NYSLYÖ 18*1.0	30195	Lapp	7.3
29	0	AHY10	W6	H1	30187	cabel NYSLYÖ 7*1.0	30187	Lapp	5.2
30	0	AHY10	W7	H1	30175	cabel NYSLYÖ 3*1.0	30175	Lapp	6.6
31	27	AHY10	X100	H1	54468	plug socket	98080439	Siemens	3.5
32	6	AHY10	B1	H5	883822	initiator	7873828	AEG	7.3
33	6	AHY10	B2	H5	883822	initiator	7873828	AEG	7.4
34	6	AHY10	B3	H5	883822	initiator	7873828	AEG	7.5
35	6	AHY10	B4	H5	883822	initiator	7873828	AEG	7.5
36	6	AHY10	B5	H5	883822	initiator	7873828	AEG	7.6
37	0	AHY10	M3	H5	8768	Motor	4879843759	Siemens	4.3
38	0	AHY10	M4	H5	5434502	Motor	87987	Siemens	6.2
39	4	AHY10	S1	H5	200030	Pushbutton	51-151.022	Lumitas	5.3
40	7	AHY10	S2	H5	150111	switch pressure dependent	1444446	Rafi	5.4
41	8	AHY10	S3	H5	7783273	temp. Switch	89494949	Rafi	6.6
42	0	AHY10	W2	H5	30187	cabel NYSLYÖ 7*1.0	30187	Lapp	6.6
43	0	AHY10	W3	H5	30179	cabel NYSLYÖ 4*1.0	30179	Lapp	7.3
44	0	AHY10	W4	H5	30179	cabel NYSLYÖ 4*1.0	30179	Lapp	7.4
45	0	AHY10	W5	H5	30179	cabel NYSLYÖ 4*1.0	30179	Lapp	7.5
46	0	AHY10	W6	H5	30189	cabel NYSLYÖ 7*2.5	30189	Lapp	4.2
47	0	AHY10	W7	H5	30179	cabel NYSLYÖ 4*1.0	30179	Lapp	7.6

AutoCAD escad

				Datum	17.10.08			Autodesk GmbH	Bauteilliste	Projektbezeichnung		= LISTEN
				Bearb.	Autodesk			Oeschstr. 33		Demo project		+
				Gepr.				73072 Donzdorf			Zeichnungsnummer	Blatt 10 +
Zust.	Änderung	Datum	Name	Norm		Urspr.	Ers.f.:	Ers.d.:			40.8050-01	5 Bl.

bill of material

no.	pos.	installation	device ID	location	partnumber	Description	order number	manufacturer	page.line
48	0	AHY10	W9	H5	30183	cabel NYSLYÖ 5*1.0	30183	Lapp	5.3
49	0	AHY10	W10	H5	30179	cabel NYSLYÖ 4*1.0	30179	Lapp	7.5
50	10	AHY10	XS1	H5	457855	plug Han3A	122-45454	Harting	12.8
51	9	AHY10	XS2	H5	45789798	plug Han6E	122-4546	Harting	12.7
52	1	AHY10	H1	P1	763243	control light	154	Rafi	5.3
53	1	AHY10	H2	P1	763243	control light	154	Rafi	5.4
54	1	AHY10	H3	P1	763243	control light	154	Rafi	6.5
55	1	AHY10	H4	P1	763243	control light	154	Rafi	6.6
56	2	AHY10	S1	P1	1501500	Pushbutton	12125-5656	Rafi	4.5
57	3	AHY10	S2	P1	S103	Pushbutton	12125-5656	Rafi	4.5
58	4	AHY10	S3	P1	200030	Pushbutton	51-151.022	Lumitas	5.2
59	4	AHY10	S4	P1	200030	Pushbutton	51-151.022	Lumitas	6.4
60	4	AHY10	S5	P1	200030	Pushbutton	51-151.022	Lumitas	6.5
61	0	AHY10	W2	P1	30059	cabel YSLY-JZ 25*1.0	30059	Lapp	6.4
62	0	AHY10	W3	P1	30187	cabel NYSLYÖ 7*1.0	30187	Lapp	5.2
63	5	AHY10	XS1	P1	4578979	plug Han24E	122-4545	Harting	12.6

AutoCAD ecsad

				Datum	17.10.08			Autodesk GmbH	Bauteilliste	Projektbezeichnung	= LISTEN	
				Bearb.	Autodesk			Oeschstr. 33		Demo project	+	
				Gepr.				73072 Donzdorf			Zeichnungsnummer	Blatt 11 +
Zust.	Änderung	Datum	Name	Norm		Urspr.	Ers.f.:	Ers.d.:			40.8050-01	5 Bl.

cable list

no.	installation	device ID	location	type	used	order number	destination from installation	destination from location	destination from device ID	destination to installation	destination to location	destination to device ID
1	AHY10	W3	H1	YSL11YF-JZ PUR-F 4*2.5	4	30066	AHY10	H1	X1	AHY10	H5	XS1
2	AHY10	W1	H1	NYSLYÖ 7*2.5	7	30073	AHY10	H1	X1	AHY10	H5	X2
3	AHY10	W5	H1	NYSLYÖ 18*1.0	10	30195	AHY10	H1	X1	AHY10	H5	X1
4	AHY10	W6	H1	YSLY-JZ 7*1.0	5	30187	AHY10	H1	X1	AHY10	P1	X1
5	AHY10	W4	H1	YSL11YF-JZ PUR-F 18*1.0	11	30076	AHY10	H1	X1	AHY10	P1	XS1
6	AHY10	W7	H1	NYSLYÖ 3*1.0	2	30175	AHY10	H1	X1	AHY10	H5	XS2
7	AHY10	W3	H5	NYSLYÖ 4*1.0	2	30179	AHY10	H5	X1	AHY10	H5	B1
8	AHY10	W10	H5	NYSLYÖ 4*1.0	3	30179	AHY10	H5	X1	AHY10	H5	B4
9	AHY10	W7	H5	NYSLYÖ 4*1.0	3	30179	AHY10	H5	X1	AHY10	H5	B5
10	AHY10	W5	H5	NYSLYÖ 4*1.0	3	30179	AHY10	H5	X1	AHY10	H5	B3
11	AHY10	W9	H5	NYSLYÖ 5*1.0	4	30183	AHY10	H5	X1	AHY10	H5	S1
12	AHY10	W4	H5	NYSLYÖ 4*1.0	2	30179	AHY10	H5	X1	AHY10	H5	B2
13	AHY10	W6	H5	NYSLYÖ 7*2.5	7	30189	AHY10	H5	X2	AHY10	H5	M3
14	AHY10	W2	H5	NYSLYÖ 7*1.0	2	30187	AHY10	H5	XS2	AHY10	H5	S3
15	AHY10	W3	P1	NYSLYÖ 7*1.0	2	30187	AHY10	P1	X1	AHY10	P1	S3
16	AHY10	W2	P1	YSLY-JZ 25*1.0	11	30059	AHY10	P1	XS1	AHY10	P1	S4

AutoCAD ecscad

				Datum	17.10.08		Autodesk GmbH	Kabelliste	Projektbezeichnung	= LISTEN	
				Bearb.	Autodesk		Oeschstr. 33		Demo project	+	
				Gepr.			73072 Donzdorf			Zeichnungsnummer	Blatt 50 +
Zust.	Änderung	Datum	Name	Norm		Urspr.	Ers.f.:	Ers.d.:		40.8050-01	5 Bl.

terminal strips

no.	installation	device ID	location	number	type
1	AHY10	X1	H1	44	Klemme
2	AHY10	X1	H5	19	Klemme
3	AHY10	X2	H5	7	Klemme
4	AHY10	XS1	H5	4	Stecker
5	AHY10	XS2	H5	7	Stecker
6	AHY10	X1	P1	5	Klemme
7	AHY10	XS1	P1	25	Stecker

AutoCAD ecscad

				Datum	17.10.08			Autodesk GmbH	Klemmleisten	Projektbezeichnung	= LISTEN	
				Bearb.	Autodesk			Oeschstr. 33		Demo project	+	
				Gepr.				73072 Donzdorf			Zeichnungsnummer	Blatt 60 +
Zust.	Änderung	Datum	Name	Norm		Urspr.	Ers.f.:	Ers.d.:			40.8050-01	5 Bl.

PLC list

no.	installation	device ID	CP	location	PLC adress	I/O text
1	AHY10	BA1		H1	A0.7	
2	AHY10	BA1		H1	A0.6	
3	AHY10	BE1		H1	E2.7	
4	AHY10	BA1	3	H1	A0.1	pump runs
5	AHY10	BA1	8	H1	A0.4	collant runs
6	AHY10	BA1	6	H1	A0.2	pump fault
7	AHY10	BA1	4	H1	A0.0	pump release
8	AHY10	BA1	5	H1	A0.3	coolant ON
9	AHY10	BA1	7	H1	A0.5	fault
10	AHY10	BE1	13	H1	E2.4	grab arm is centre
11	AHY10	BE1	10	H1	E2.1	Kühlung läuft
12	AHY10	BE1	3	H1	E1.2	oil pressure OK
13	AHY10	BE1	14	H1	E2.5	grab arm in danger
14	AHY10	BE1	5	H1	E1.4	hydraulic pump ON
15	AHY10	BE1	12	H1	E2.3	grab armis down
16	AHY10	BE1	11	H1	E2.2	grab arm is up
17	AHY10	BE1	8	H1	E1.7	cooling ON auto.
18	AHY10	BE1	7	H1	E1.6	cooling ON man.
19	AHY10	BE1	6	H1	E1.5	cooling OFF
20	AHY10	BE1	4	H1	E1.3	motor protection drive
21	AHY10	BE1	2	H1	E1.1	cover closed
22	AHY10	BE1	1	H1	E1.0	lamp test
23	AHY10	BE1	9	H1	E2.0	cooling of motor protection
24	AHY10	BE1	15	H1	E2.6	grab arm runs

AutoCAD Desktop