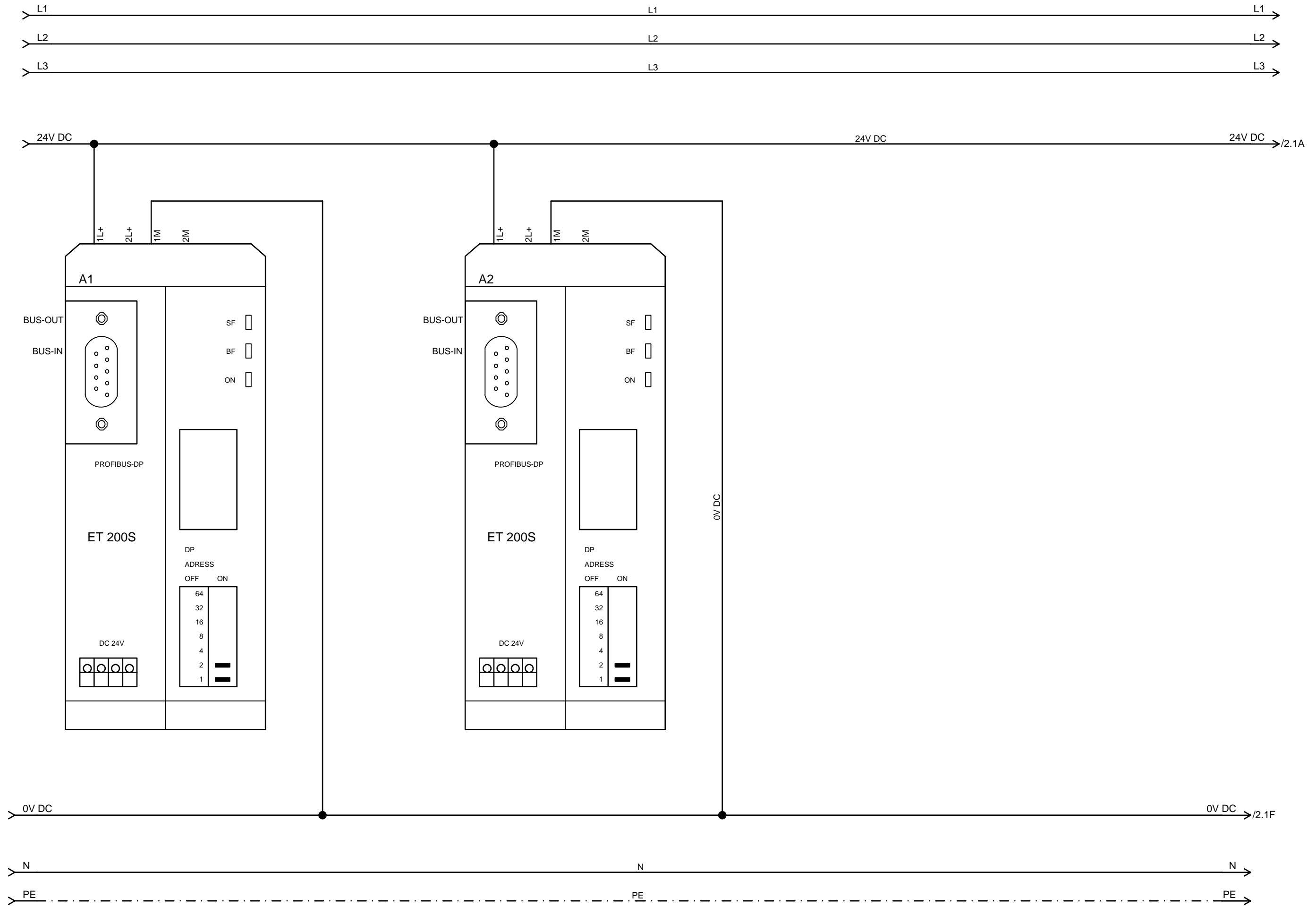
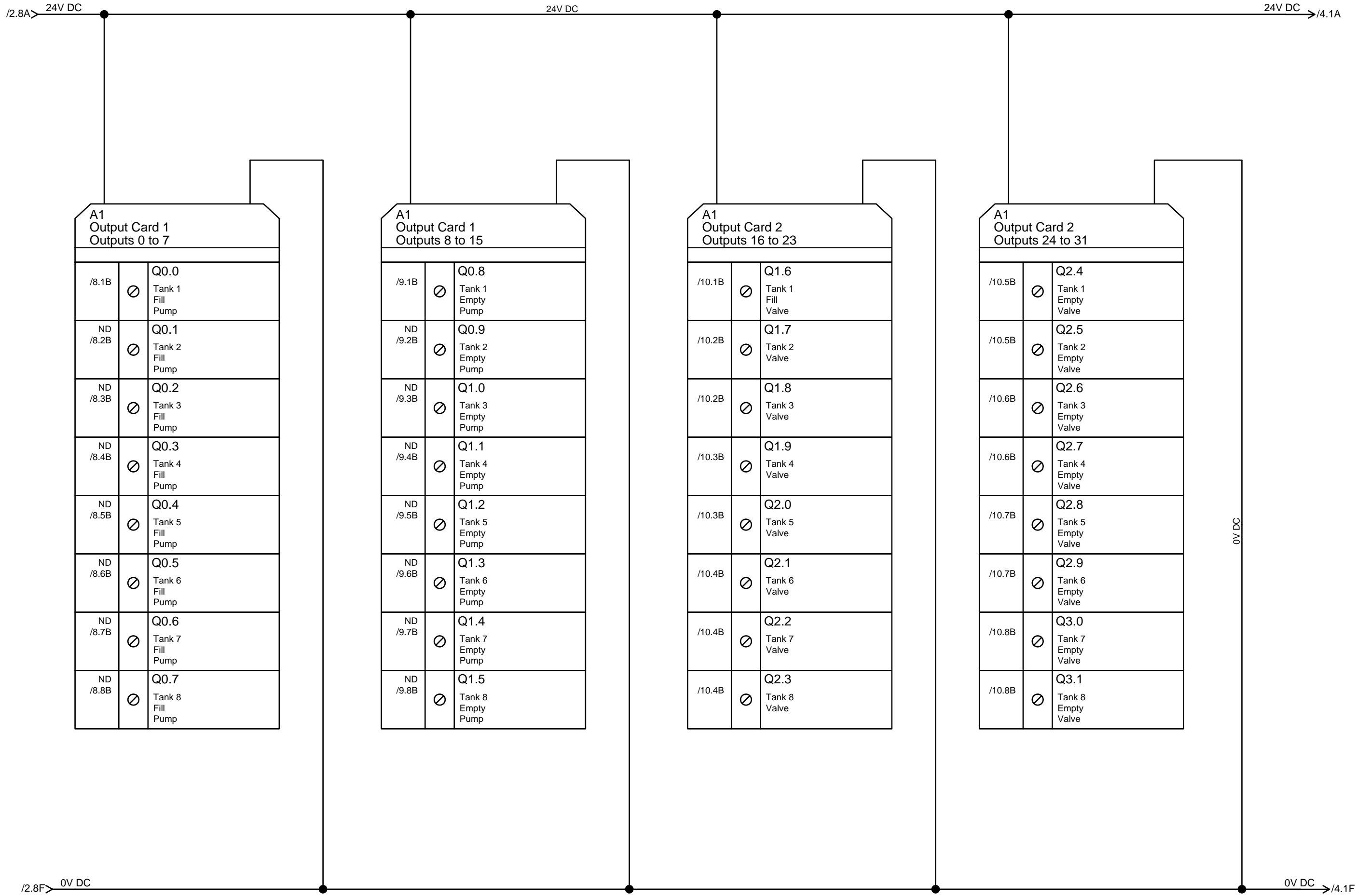


Copyright as per ISO 16016 to be observed!



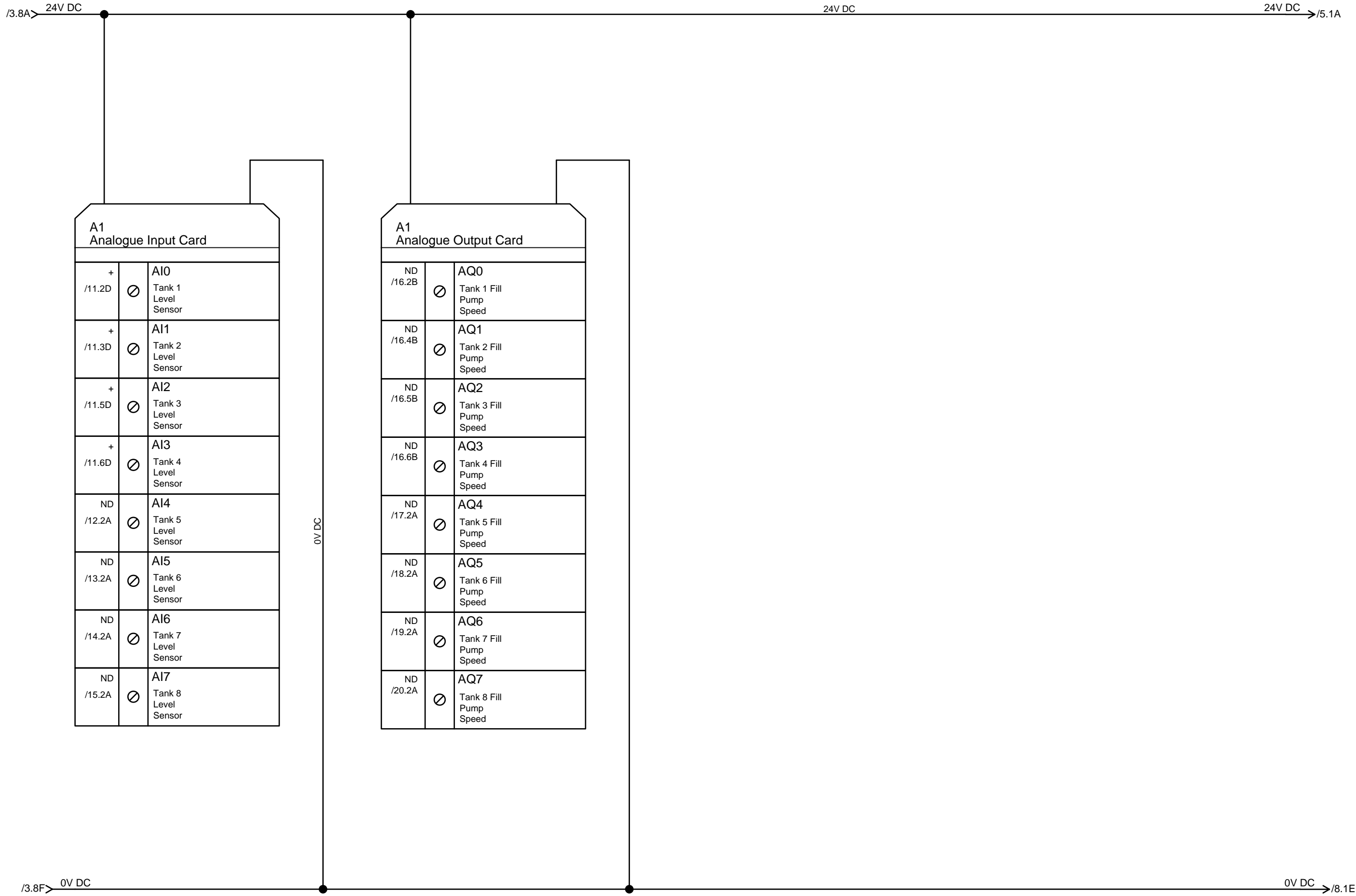
				Date				Title			
				Drawn	Large PLC System			297 x 420mm, for Circuit Diagram			
				Checked				Large PLC System		Sheet 1	
Rev.	Change	Date	Name	Approved	Orig.	Replaces	Replaced by			Sh.	
1					△ 3		△ 5	6	7	8	

Copyright as per ISO 16016 to be observed!



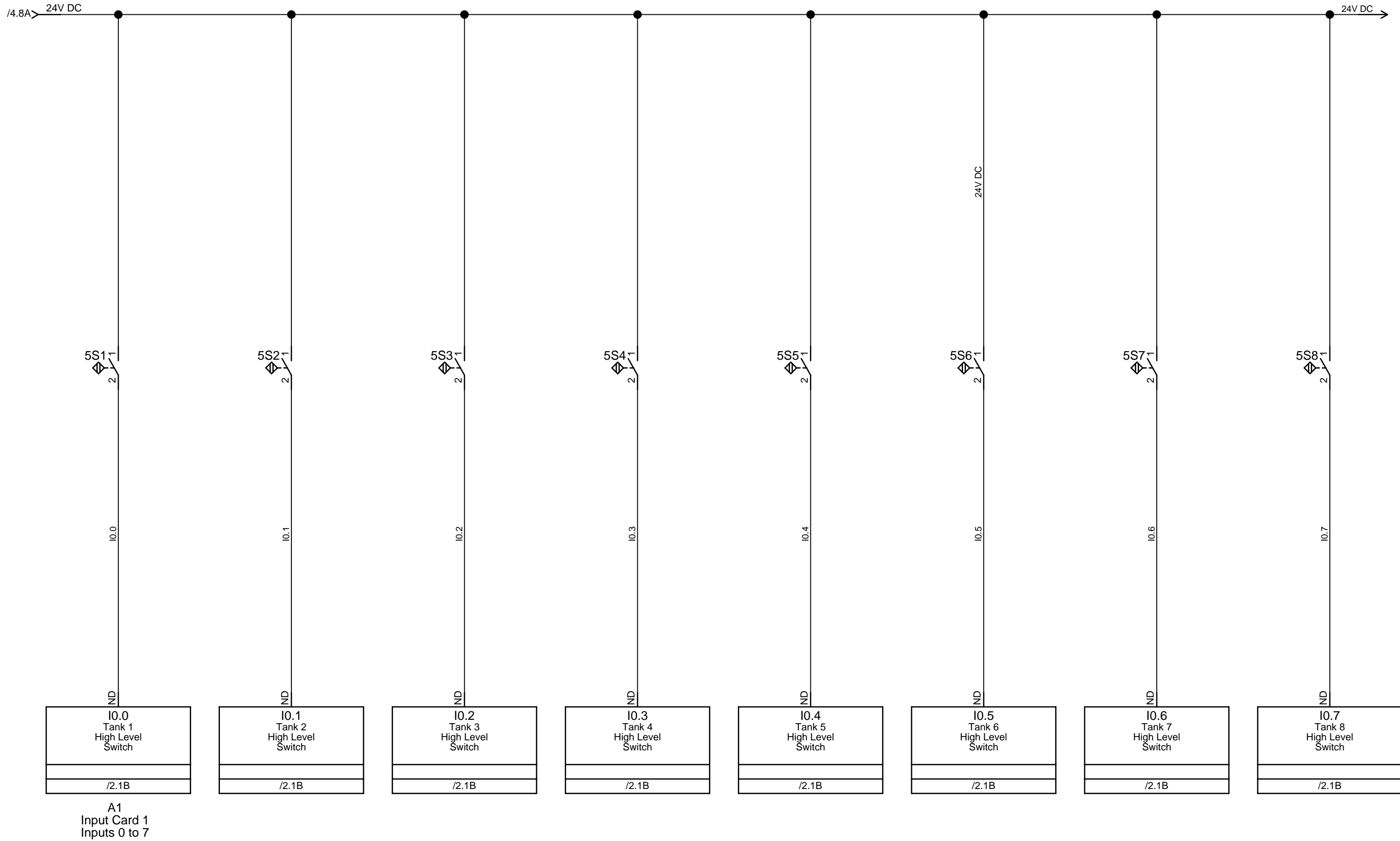
				Date					Title			
				Drawn	Large PLC System				297 x 420mm, for Circuit Diagram			
				Checked					Large PLC System		Sheet 3	
Rev.	Change	Date	Name	Approved	Orig.	Replaces	Replaced by			Sh.		
1										3		

Copyright as per ISO 16016 to be observed!



				Date				Title			
				Drawn	Large PLC System			297 x 420mm, for Circuit Diagram			
				Checked				Large PLC System		Sheet 4	
Rev.	Change	Date	Name	Approved	Orig.	Replaces	Replaced by			Sh.	
1										8	

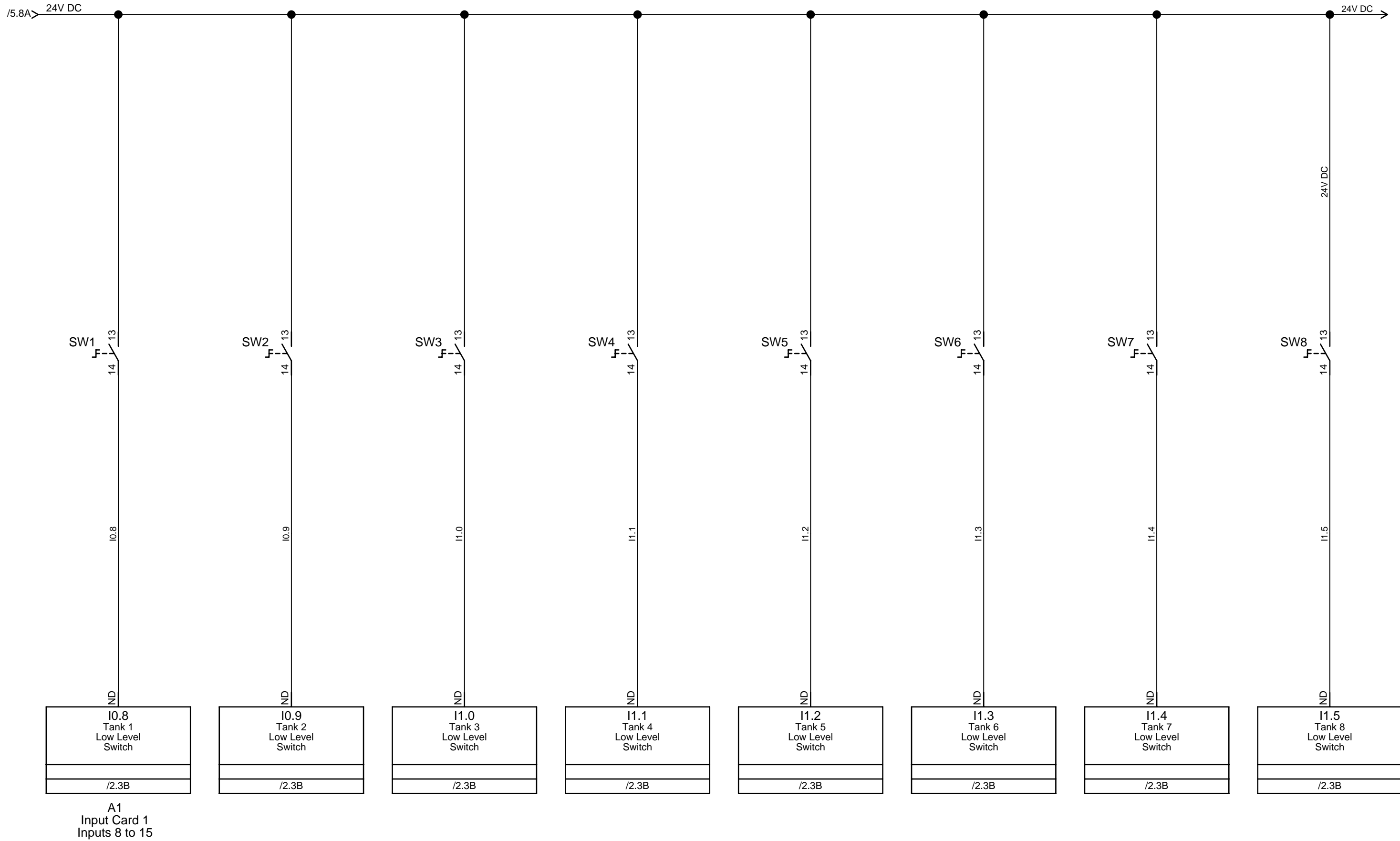
Copyright as per ISO 16016 to be observed!



A1
Input Card 1
Inputs 0 to 7

				Date					Title			
				Drawn	Large PLC System				297 x 420mm, for Circuit Diagram			
				Checked					Large PLC System		Sheet 5	
Rev.	Change	Date	Name	Approved	Orig.	Replaces	Replaced by			Sh.		
1										8		

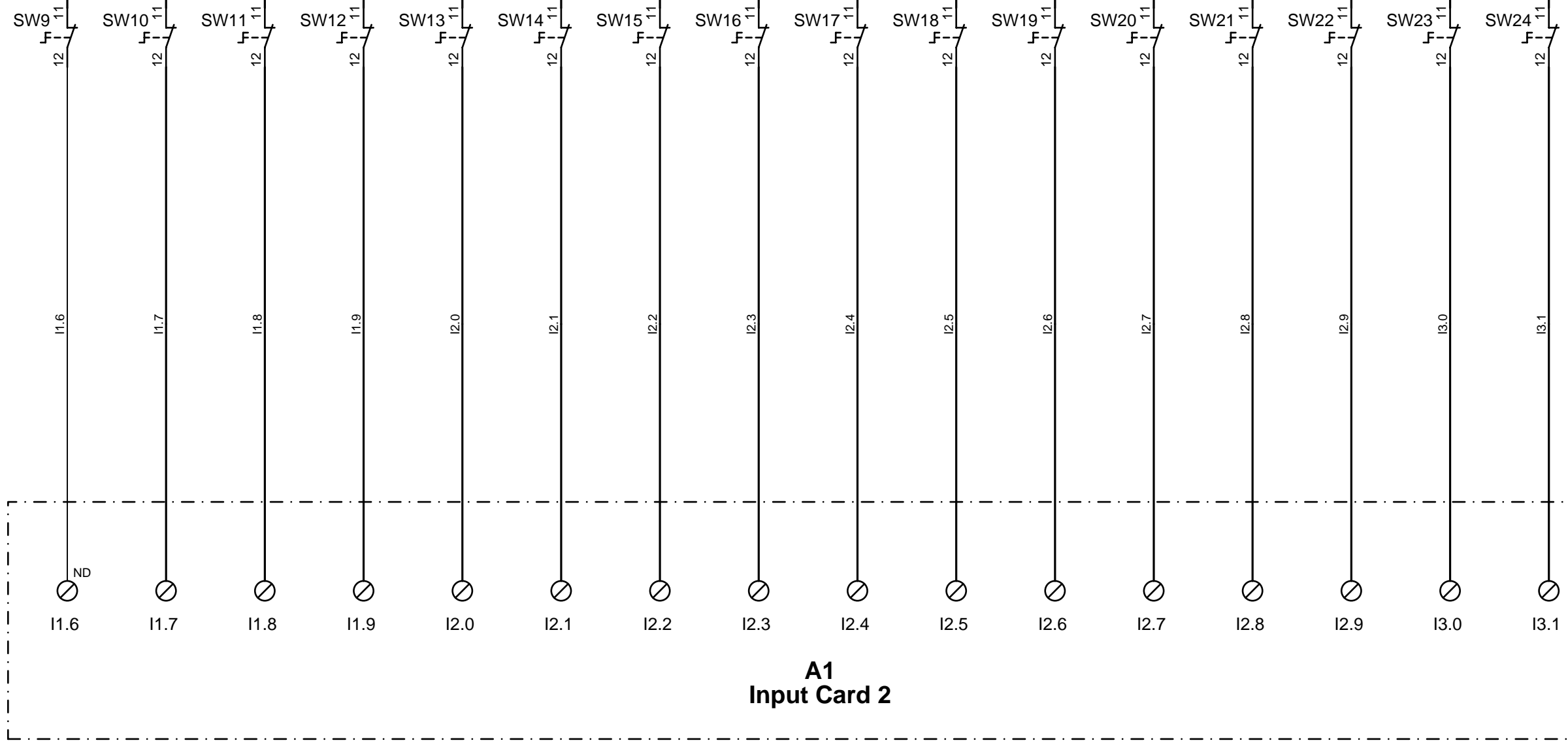
Copyright as per ISO 16016 to be observed!



				Date					Title				
				Drawn	Large PLC System				297 x 420mm, for Circuit Diagram				
				Checked					Large PLC System		Sheet 6		
Rev.	Change	Date	Name	Approved	Orig.	Replaces	Replaced by			Sh.			
1										6			

Copyright as per ISO 16016 to be observed!

24V DC /6.8A 24V DC /21.1A

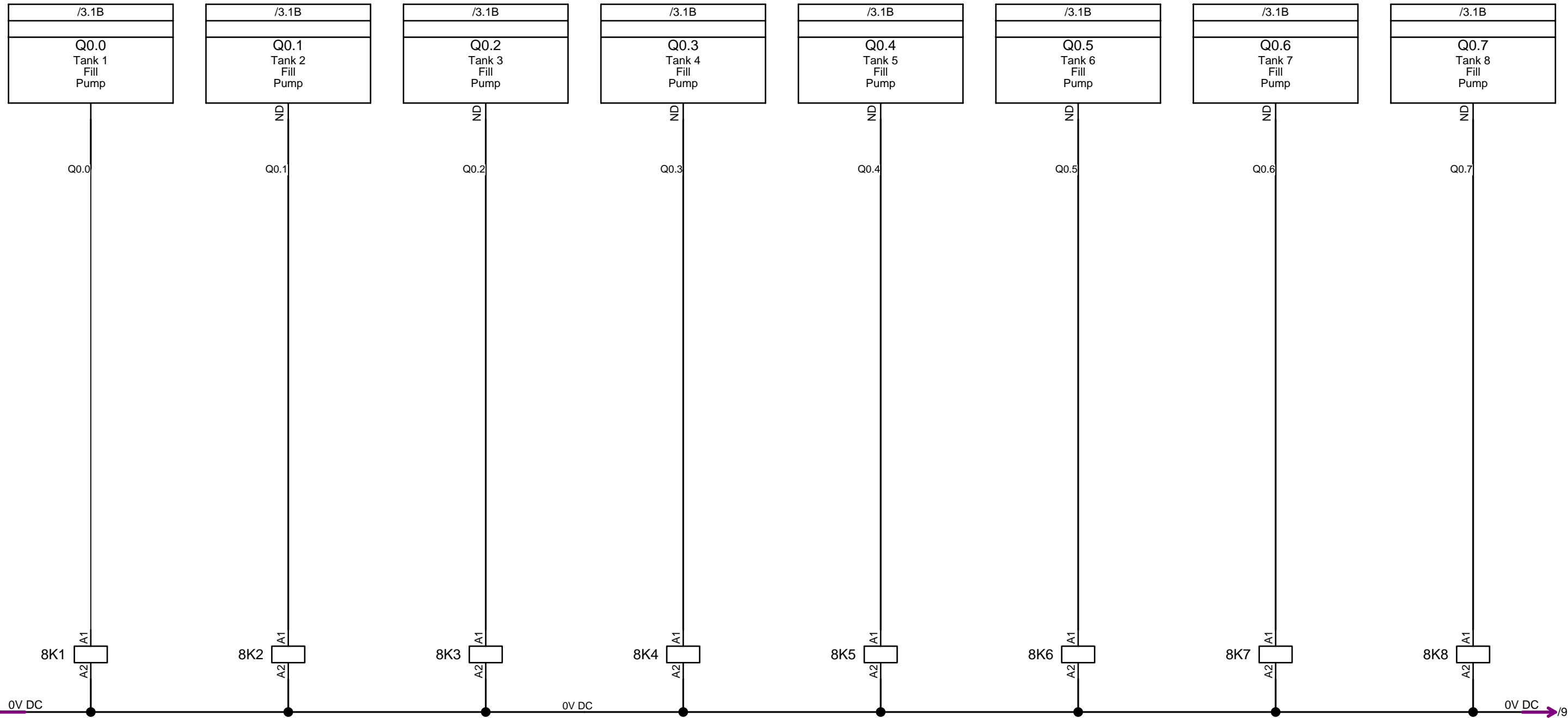


A1 Input Card 2

				Date					Title			
				Drawn	Large PLC System				297 x 420mm, for Circuit Diagram			
				Checked					Large PLC System		Sheet	7
Rev.	Change	Date	Name	Approved	Orig.	Replaces	Replaced by				Sh.	

Copyright as per ISO 16016 to be observed!

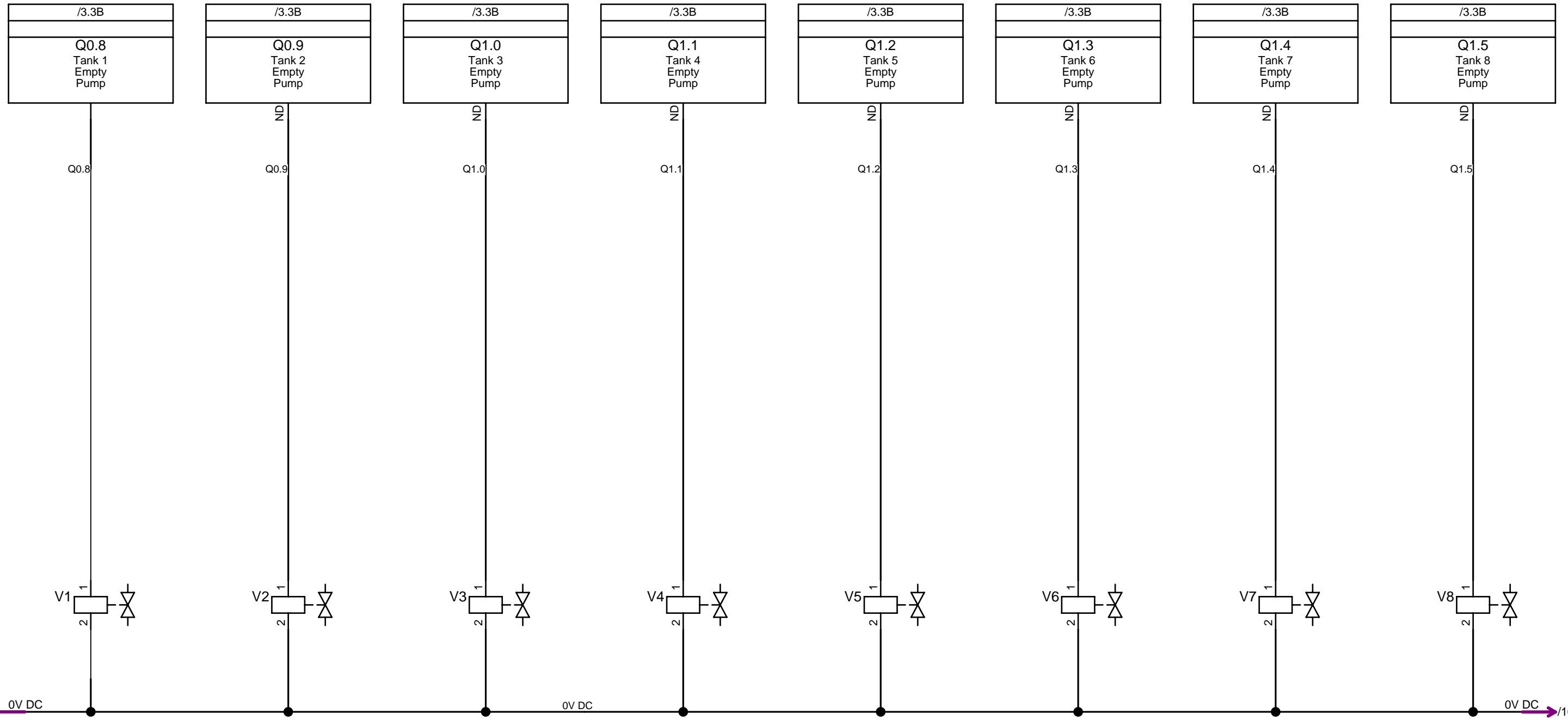
A1
Output Card 1
Outputs 0 to 7



				Date					Title			
				Drawn	Large PLC System				PLC Digital Outputs [4/5]			
				Checked					297 x 420mm, for Circuit Diagram			
Rev.	Change	Date	Name	Approved	Orig.	Replaces	Replaced by	Large PLC System		Sheet 8		
1										Sh.		

Copyright as per ISO 16016 to be observed!

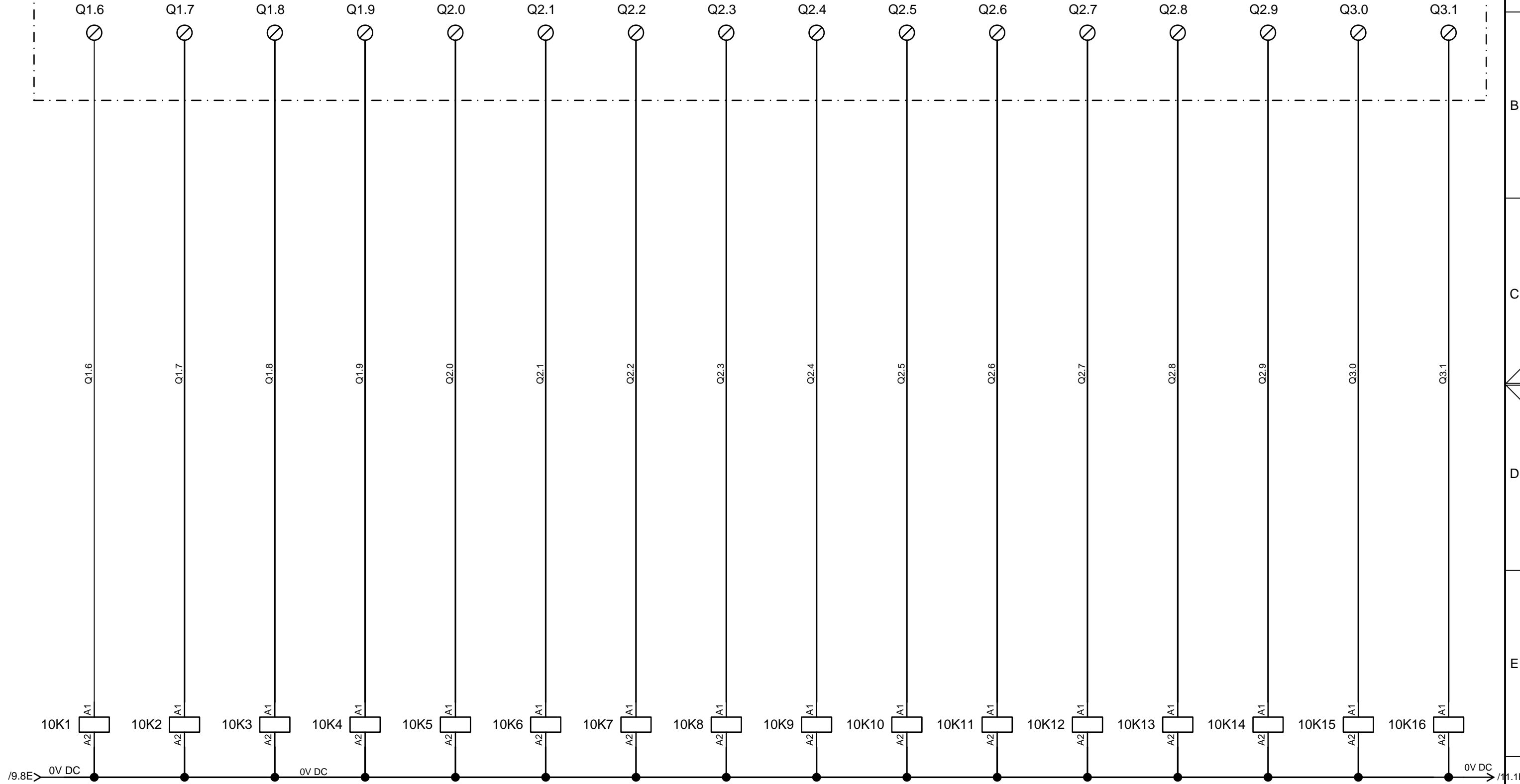
A1
Output Card 1
Outputs 8 to 15



				Date					Title			
				Drawn	Large PLC System				PLC Digital Outputs [4/5]			
				Checked					297 x 420mm, for Circuit Diagram			
Rev.	Change	Date	Name	Approved	Orig.	Replaces	Replaced by	Large PLC System		Sheet	9	
1											Sh.	

Copyright as per ISO 16016 to be observed!

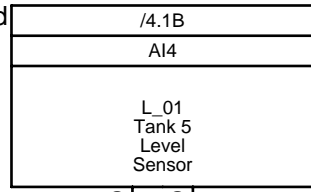
A1 Output Card 2



				Date					Title			
				Drawn	Large PLC System				297 x 420mm, for Circuit Diagram			
				Checked					Large PLC System		Sheet 10	
Rev.	Change	Date	Name	Approved	Orig.	Replaces	Replaced by				Sh.	

Cabinet 1

A1
Analogue Input Card



ND
AI4 ND
AI4 ND

Signal
Signal

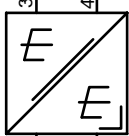
Switch Box1

Signal
Signal

Signal Conditioning Box

Signal
Signal

12U1
#Reference[2029]
Stahl
9165/16-11-11



12.31
12.42

Signal
Signal

Switch Box2

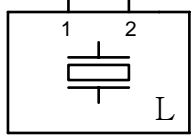
Signal
Signal

J. Box 1

Signal
Signal

12.5
12.6

Plant 1



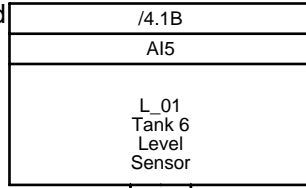
12S1
Endress and Hauser
FMB70-1-AR

Copyright as per ISO 16016 to be observed!

					Date	Name			
				Drawn	08/11/2006	AUCOTEC	Large PLC System		
				Checked					
				Approved					
								Sheet	
								12	
								Sh.	
Rev.	Change	Date	Name	Orig.	Replaces			Replaced by	

Cabinet 1

A1
Analogue Input Card



ND
AI5 ND
AI5 ND

Signal
Signal

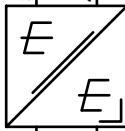
Switch Box1

Signal
Signal

Signal Conditioning Box

Signal
Signal

13U1
#Reference[2029]



Stahl
9165/16-11-11

Signal
Signal

Switch Box2

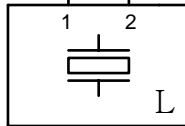
Signal
Signal

J. Box 2

Signal
Signal

Plant 1

13.5
13.6



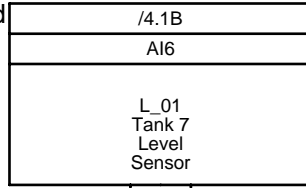
13S1
Endress and Hauser
FMB70-1-AR

Copyright as per ISO 16016 to be observed!

					Date	Name		
				Drawn	08/11/2006	AUCOTEC	Large PLC System	
				Checked				
				Approved				
								Sheet
								13
								Sh.
Rev.	Change	Date	Name	Orig.	Replaces		Replaced by	

Cabinet 1

A1
Analogue Input Card



ND
AI6

ND
AI6

Signal

Signal

Signal

Signal

34.1
44.2

14.3
14.4

Signal

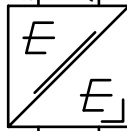
Signal

Signal

Signal

14.5
14.6

14U1
#Reference[2029]
Stahl
9165/16-11-11



Signal

Signal

Signal

Signal

Signal

Signal

Signal

Signal

Signal

Signal

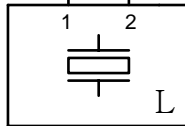
Switch Box1

Signal Conditioning Box

Switch Box2

J. Box 3

Plant 1



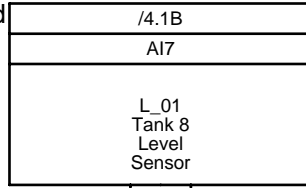
14S1
Endress and Hauser
FMB70-1-AR

Copyright as per ISO 16016 to be observed!

					Date	Name			
				Drawn	08/11/2006	AUCOTEC	Large PLC System		
				Checked					
				Approved					
								Sheet	
								14	
								Sh.	
Rev.	Change	Date	Name	Orig.	Replaces			Replaced by	

Cabinet 1

A1
Analogue Input Card



ND
AI7

ND
AI7

Signal

Signal

Signal

Signal

315.1
415.2

15.31
15.42

Signal

Signal

Signal

Signal

Signal

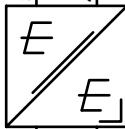
15.5
15.6

Switch Box1

Signal Conditioning Box

15U1
#Reference[2029]

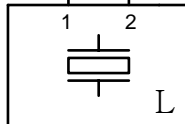
Stahl
9165/16-11-11



Switch Box2

J. Box 4

Plant 1



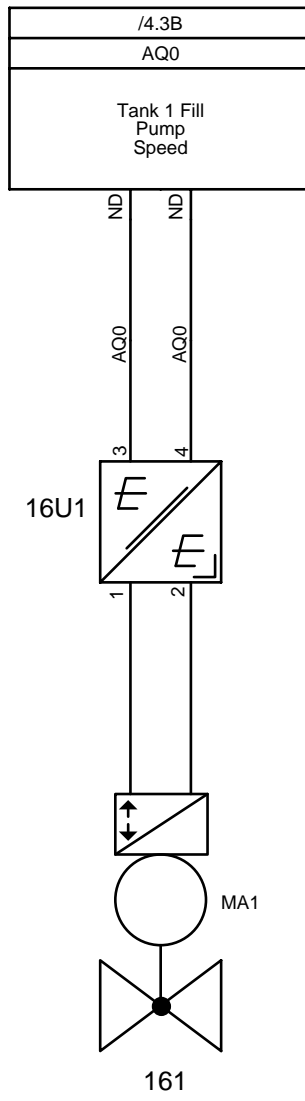
15S1
Endress and Hauser
FMB70-1-AR

Copyright as per ISO 16016 to be observed!

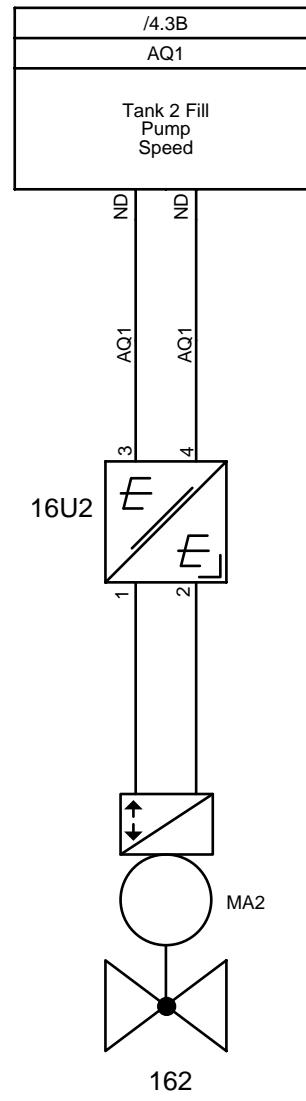
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				Checked					
				Approved					
								Sheet	
								15	
								Sh.	
Rev.	Change	Date	Name	Orig.	Replaces			Replaced by	

Copyright as per ISO 16016 to be observed!

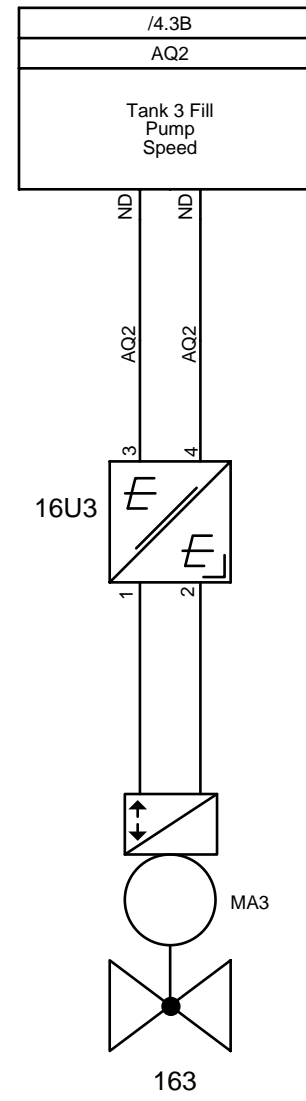
A1
Analogue Output Card



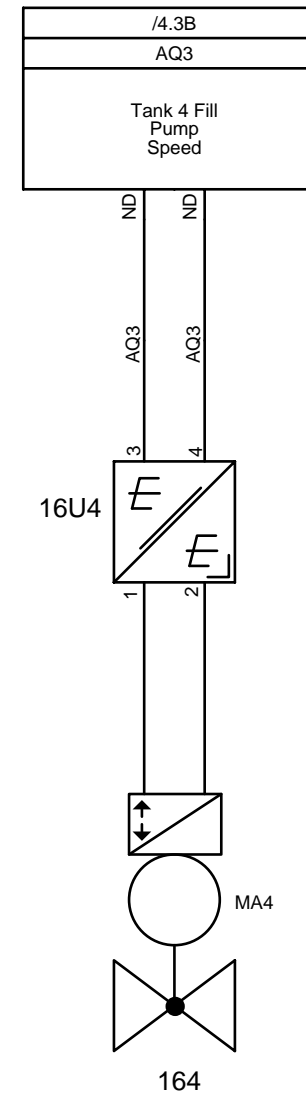
A1
Analogue Output Card



A1
Analogue Output Card



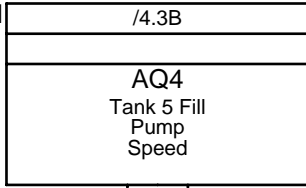
A1
Analogue Output Card



				Date					Title				
				Drawn	Large PLC System				297 x 420mm, for Circuit Diagram				
				Checked					Large PLC System		Sheet 16		
Rev.	Change	Date	Name	Approved	Orig.	Replaces	Replaced by			Sh.			
1										8			

Cabinet 1

A1
Analogue Output Card



AQ4 ND

AQ4 ND



Signal

Signal



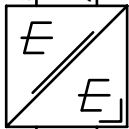
Signal

Signal



37.1

47.2



#Reference[2029]

Stahl
9165/16-11-11

17.31

17.42



Signal

Signal



Signal

Signal



Signal

Signal



17.5

17.5



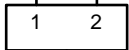
Signal

Signal

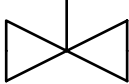


1

2



171
Northvale Korting



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Switch Box4

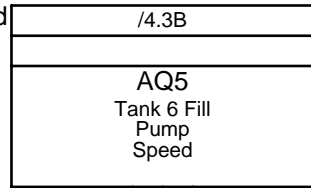
J. Box 5

Plant 1

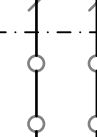
					Date	Name			
				Drawn	08/11/2006	AUCOTEC	Large PLC System		
				Checked					
				Approved					
								Sheet	
								17	
								Sh.	
Rev.	Change	Date	Name	Orig.	Replaces		Replaced by		

Cabinet 1

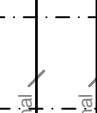
A1
Analogue Output Card



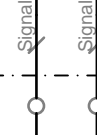
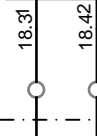
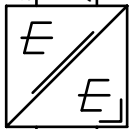
Switch Box3



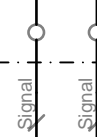
Signal Conditioning Box



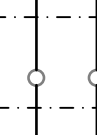
18U1
#Reference[2029]
Stahl
9165/16-11-11



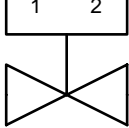
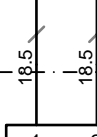
Switch Box4



J. Box 6



Plant 1



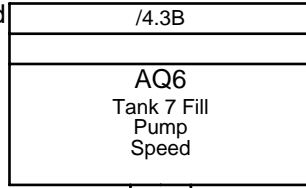
Copyright as per ISO 16016 to be observed!



					Date	Name			
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				Checked					
				Approved					
								Sheet	
								18	
								Sh.	
Rev.	Change	Date	Name	Orig.	Replaces			Replaced by	

Cabinet 1

A1
Analogue Output Card



AQ6 ND

AQ6 ND

Signal

Signal

Switch Box3

Signal

Signal

Signal Conditioning Box

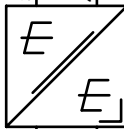
Signal

Signal

39.1

49.2

19U1
#Reference[2029]



Stahl
9165/16-11-11

19.31

19.42

Signal

Signal

Switch Box4

Signal

Signal

J. Box 7

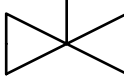
19.5

19.5

Plant 1



191
Northvale Korting

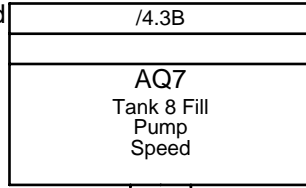


Copyright as per ISO 16016 to be observed!

					Date	Name			
				Drawn	08/11/2006	AUCOTEC	Large PLC System		
				Checked					
				Approved					
								Sheet	
								19	
								Sh.	
Rev.	Change	Date	Name	Orig.	Replaces			Replaced by	

Cabinet 1

A1
Analogue Output Card



AQ7 ND

AQ7 ND

Signal

Signal

Switch Box3

Signal

Signal

Signal Conditioning Box

Signal

Signal

20.1

20.2

20U1
#Reference[2029]
Stahl
9165/16-11-11

20.3

20.4

Signal

Signal

Switch Box4

Signal

Signal

J. Box 8

Signal

Signal

20.5

20.5

Plant 1



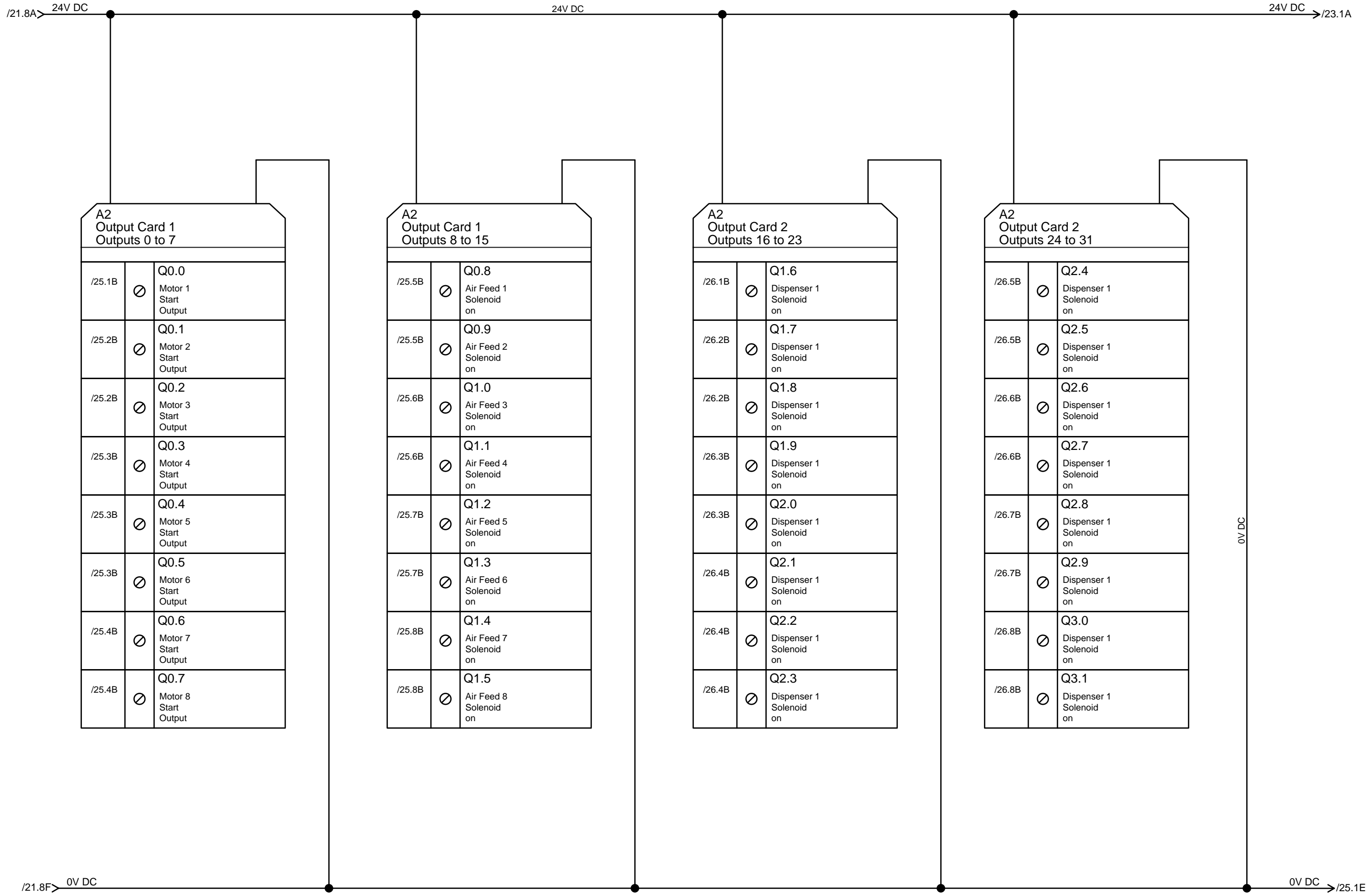
201
Northvale Korting



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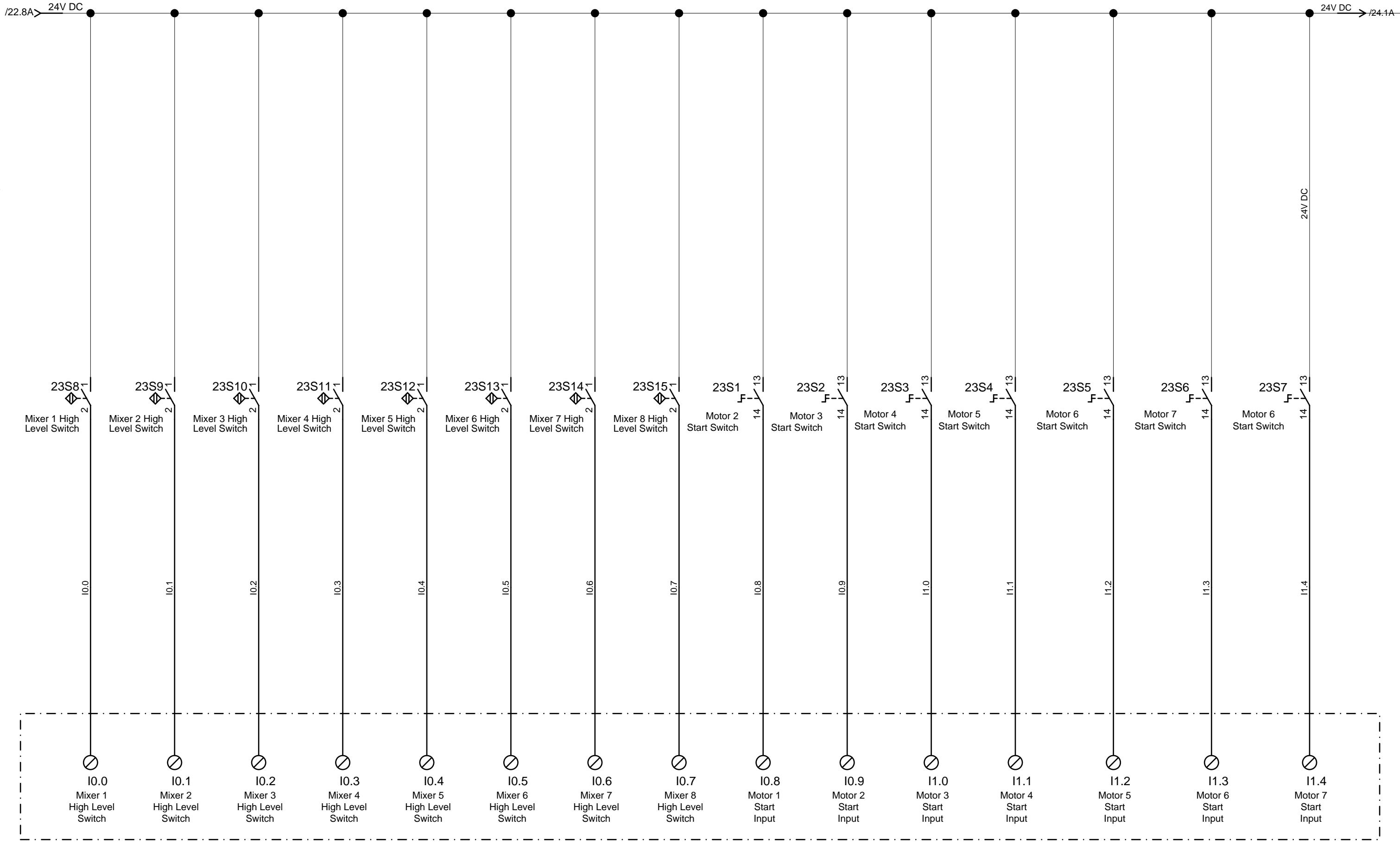
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				Checked					
				Approved					
								Sheet	
								20	
								Sh.	
Rev.	Change	Date	Name	Orig.	Replaces			Replaced by	

Copyright as per ISO 16016 to be observed!



				Date					Title			
				Drawn	Large PLC System				297 x 420mm, for Circuit Diagram			
				Checked					Large PLC System		Sheet 22	
Rev.	Change	Date	Name	Approved	Orig.	Replaces	Replaced by			Sh.		
1										8		

Copyright as per ISO 16016 to be observed!

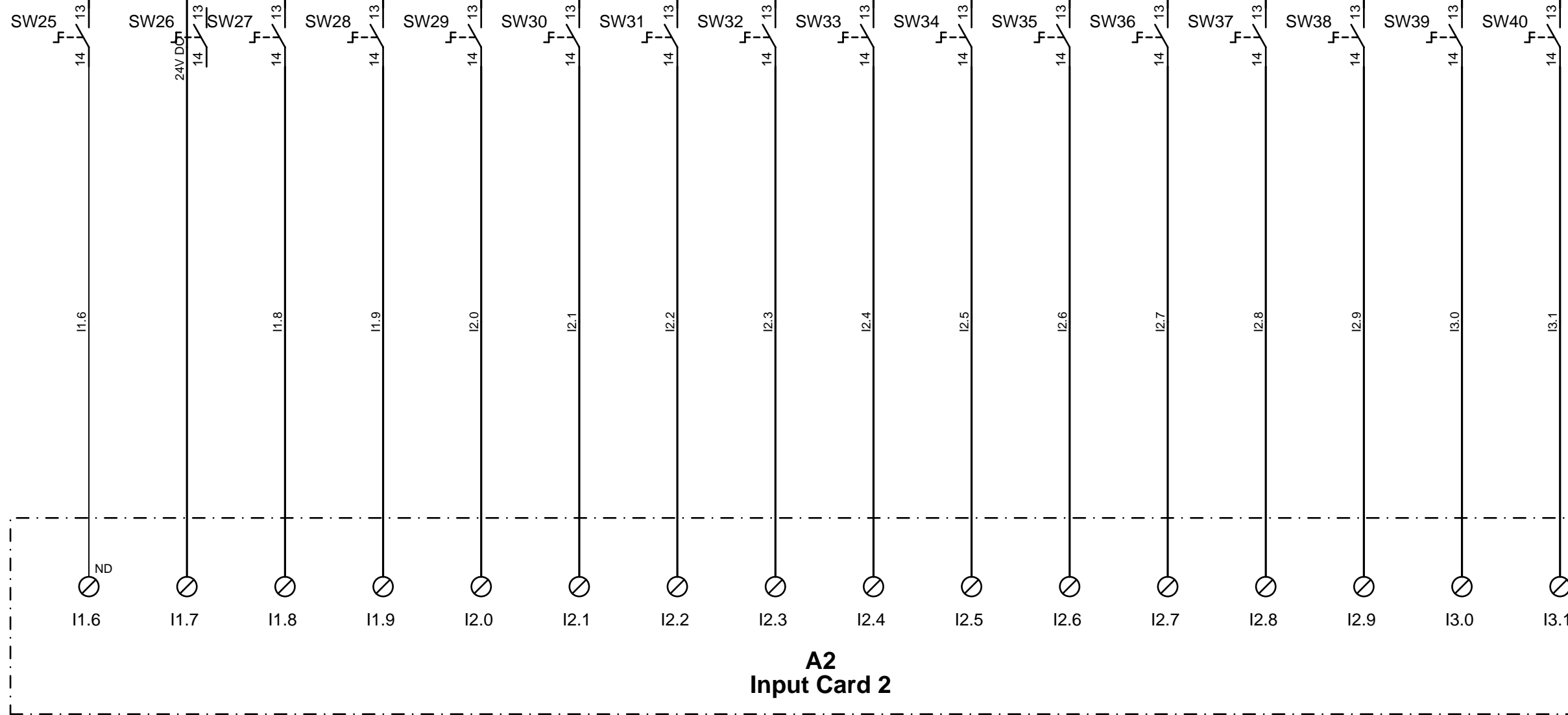


**A2
Input Card 1**

				Date					Title			
				Drawn	Large PLC System				297 x 420mm, for Circuit Diagram			
				Checked					Large PLC System		Sheet	23
Rev.	Change	Date	Name	Approved	Orig.	Replaces	Replaced by			Sh.		

Copyright as per ISO 16016 to be observed!

24V DC → 24V DC →

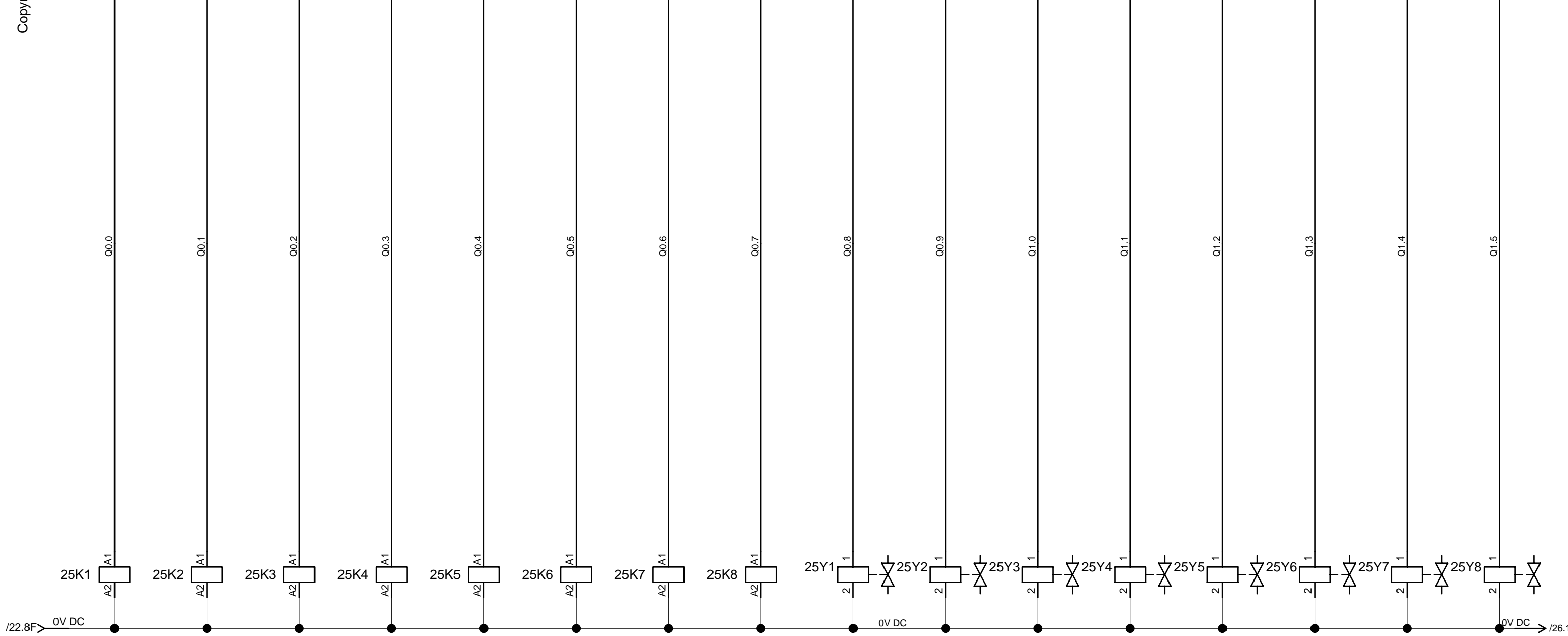
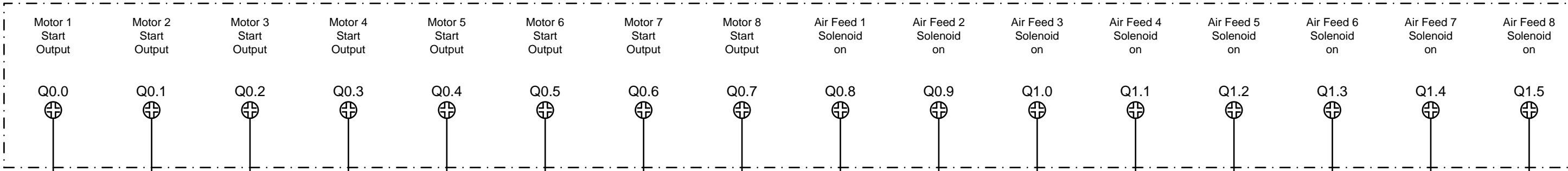


**A2
Input Card 2**

				Date					Title			
				Drawn	Large PLC System				297 x 420mm, for Circuit Diagram			
				Checked					Large PLC System		Sheet 24	
Rev.	Change	Date	Name	Approved	Orig.	Replaces	Replaced by				Sh.	

A2 Output Card 1

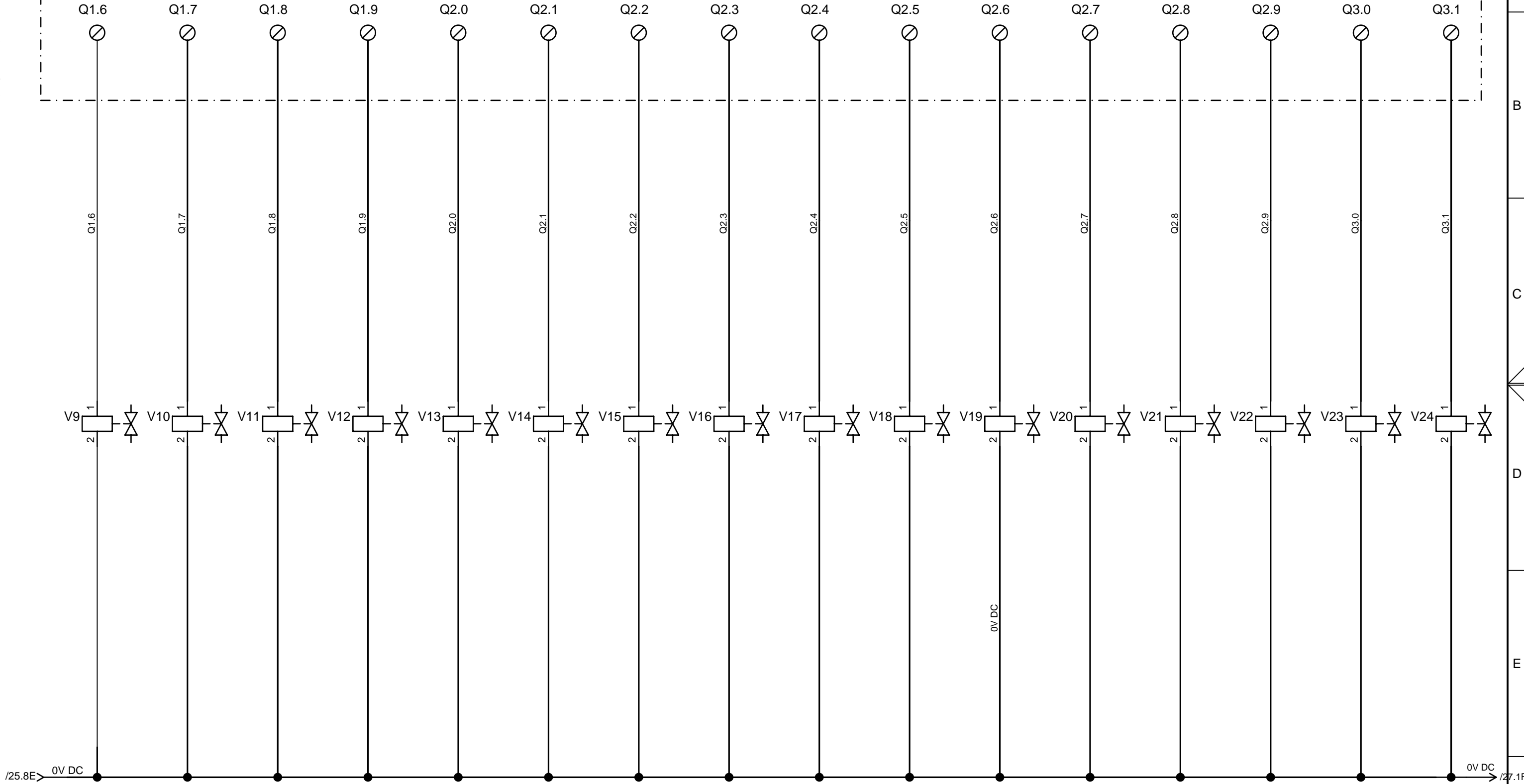
Copyright as per ISO 16016 to be observed!



				Date					Title			
				Drawn	Large PLC System				297 x 420mm, for Circuit Diagram			
				Checked					Large PLC System		Sheet 25	
Rev.	Change	Date	Name	Approved	Orig.	Replaces	Replaced by				Sh.	

Copyright as per ISO 16016 to be observed!

A2 Output Card 2



				Date					Title			
				Drawn	Large PLC System				297 x 420mm, for Circuit Diagram			
				Checked					Large PLC System		Sheet	26
Rev.	Change	Date	Name	Approved	Orig.	Replaces	Replaced by				Sh.	

1

2

3

4

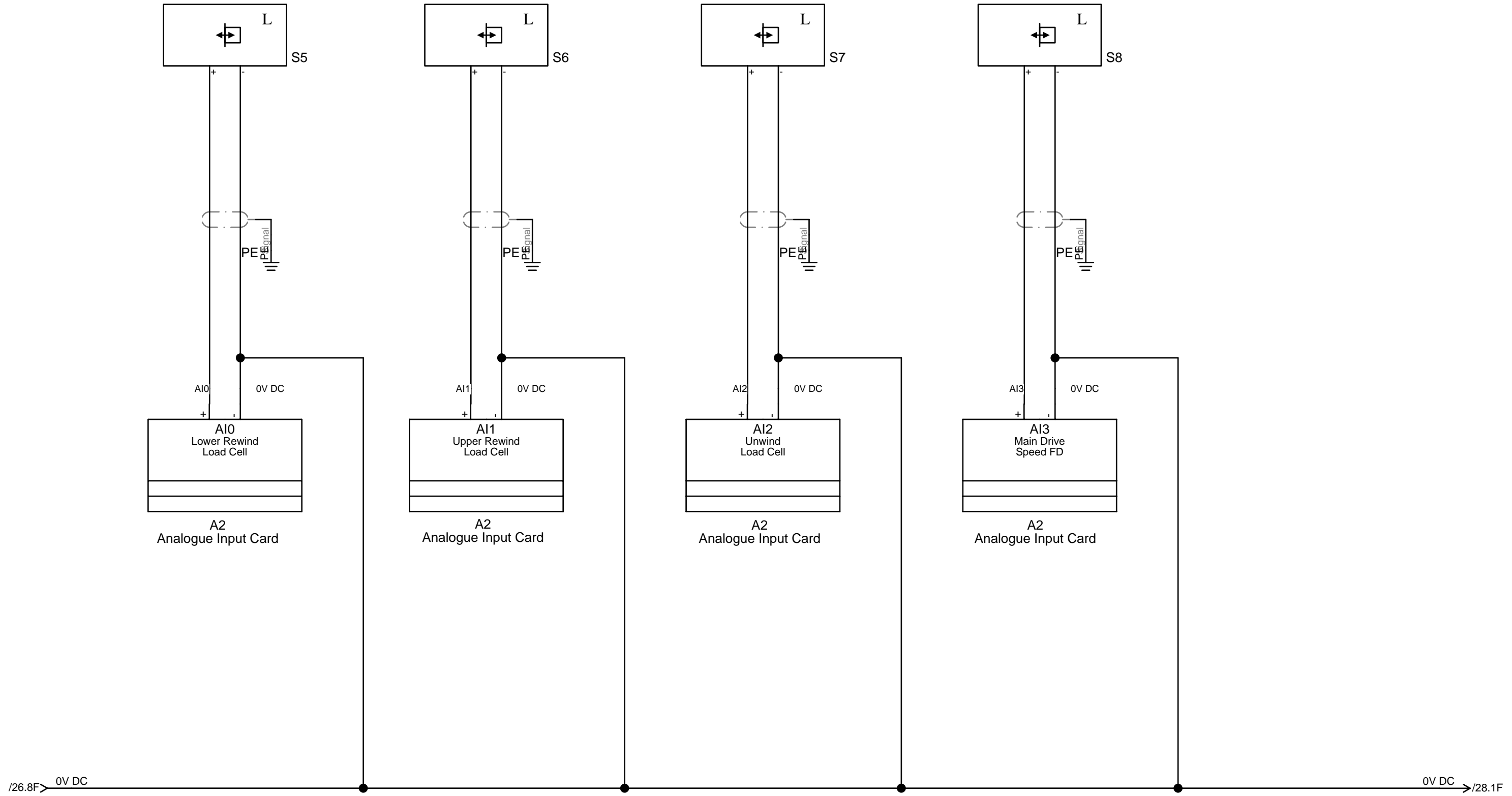
5

6

7

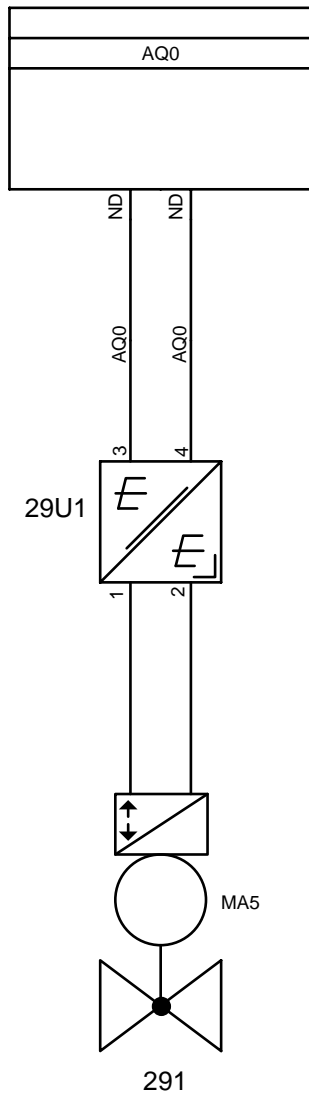
8

Copyright as per ISO 16016 to be observed!

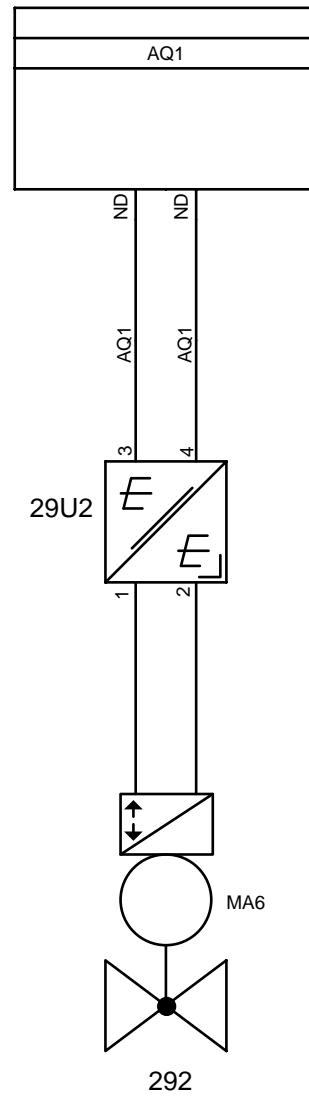


				Date				Title			
				Drawn	Large PLC System						
				Checked							
Rev.	Change	Date	Name	Approved	Orig.	Replaces	Replaced by	Large PLC System		Sheet	27
1										Sh.	

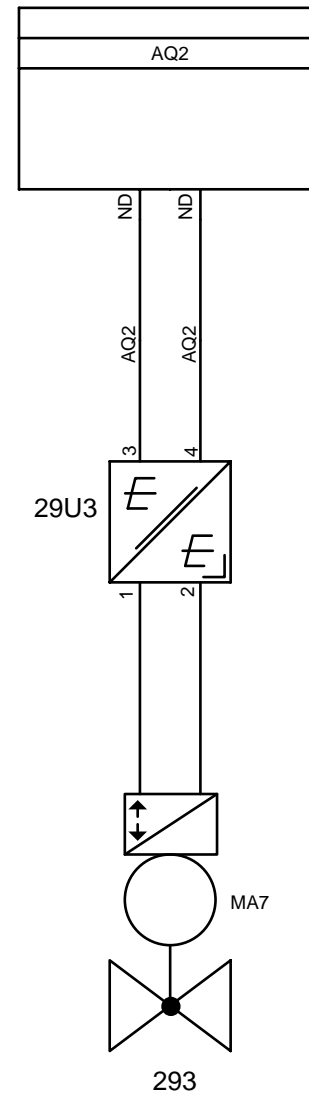
A2
Analogue Output Card



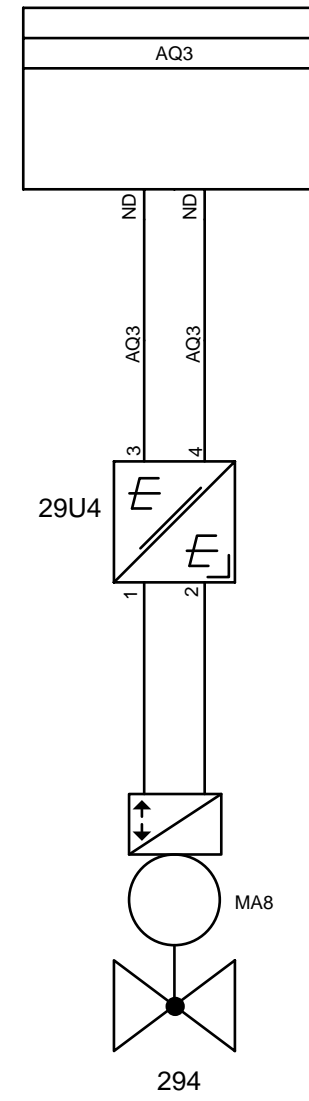
A2
Analogue Output Card



A2
Analogue Output Card



A2
Analogue Output Card



				Date				Title			
				Drawn	Large PLC System			297 x 420mm, for Circuit Diagram			
				Checked				Large PLC System			Sheet 29
Rev.	Change	Date	Name	Approved	Orig.	Replaces	Replaced by				Sh.
1					3						8

