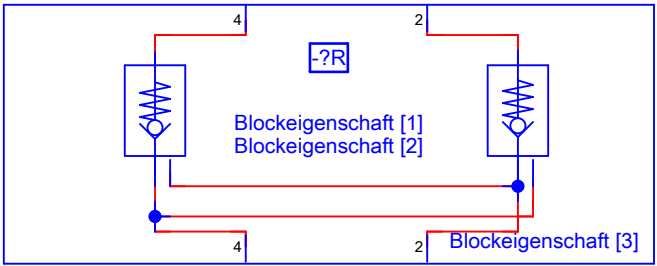


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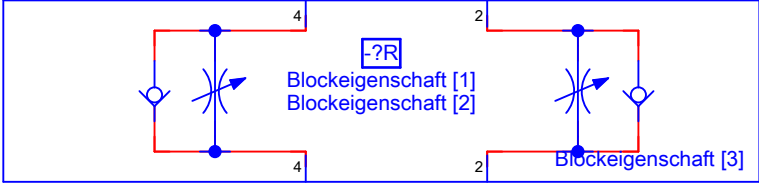


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Project status					Makroprojekt SC-DC		CPV1X-BS-5/3G-XX	DE			
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			Edit by	31.03.2014						= CPV	
			Appr.	F.Steinmaß						+ CPV1X-BS-	
Modification	Date	Name	Norm					Productionorder:		Pg 40	
										Pg 40	

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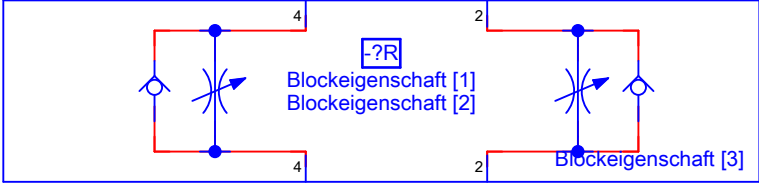


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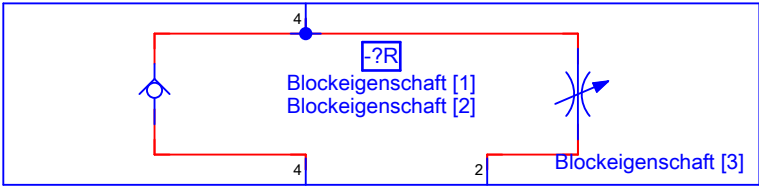
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Project status					Makroprojekt SC-DC		CPV1X-BS-2xGRAZ-XX	DE						
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			Appr.	F.Steinmaß							+ CPV1X-BS-2xGRAZ- (Q)			
Modification	Date	Name	Norm											
								Productionorder:		Pg	40			
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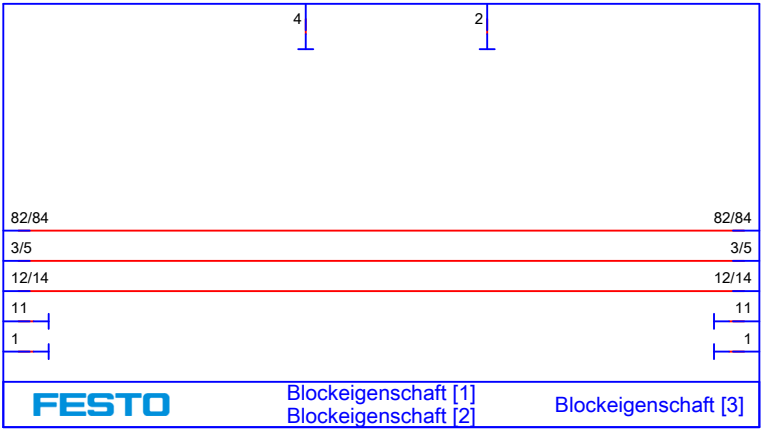


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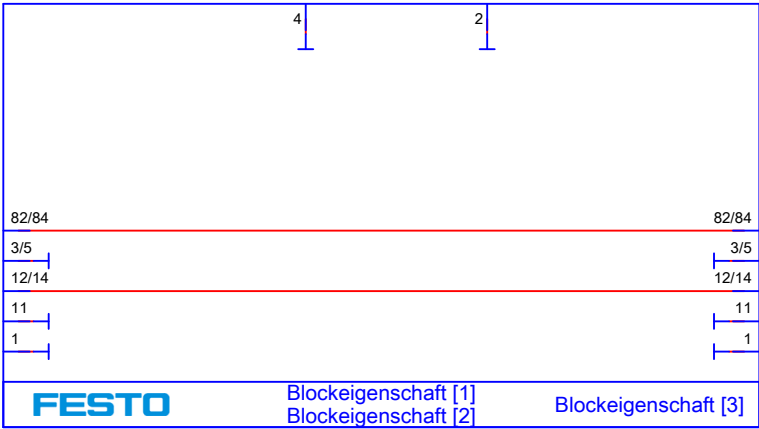
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Modification	Date	Name	Norm											
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+CPV1X-EPL/40

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Project status					Makroprojekt SC-DC		CPV1X-EPL-E	DE						
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Modification	Date	Name	Norm											
Productionorder:								Pg		20				
								Pg		41				

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41

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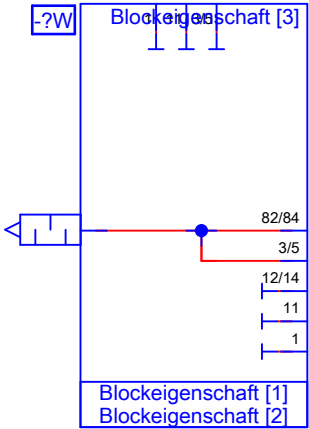
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			Appr.	F.Steinmaß				+ CPV1X-EPL-E					
Modification	Date	Name	Norm					Productionorder:				Pg	41
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Project status					Makroprojekt SC-DC		CPV1X-EPL-EU-EX	DE					
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			Edit by	31.03.2014						= CPV			
			Appr.	F.Steinmaß						+ CPV1X-EPL-EU-EX			
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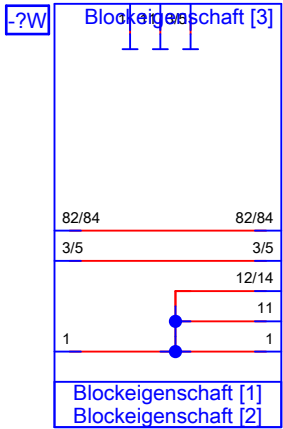


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Modification	Date	Name	Norm							Pg		20
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Project status					Makroprojekt SC-DC		CPV1X-EPL-G	DE			
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			Edit by	31.03.2014				= CPV			
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Modification	Date	Name	Norm					Productionorder:		Pg	40
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+CPV1X-EPL-G/40

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Project status					Makroprojekt SC-DC		CPV1X-EPL-PE	DE			
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Project status					Makroprojekt SC-DC		CPV1X-EPL-PE	DE			
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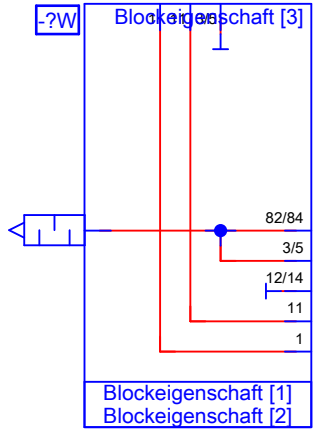
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+CPV1X-EPL-PE/40

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			Appr.	F.Steinmaß				+ CPV1X-EPL-PEU-					
Modification	Date	Name	Norm					Productionorder:				Pg	20
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Project status					Makroprojekt SC-DC		CPV1X-EPL-PEU-XX	DE					
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			Edit by	31.03.2014				= CPV					
			Appr.	F.Steinmaß				+ CPV1X-EPL-PEU-					
Modification	Date	Name	Norm					Productionorder:				Pg	40
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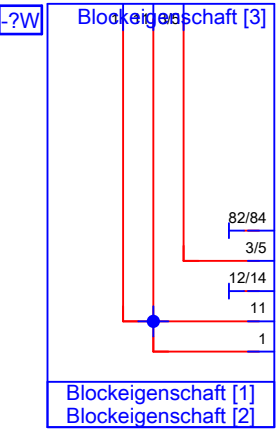
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Modification	Date	Name	Norm					Productionorder:		Pg	20
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Project status					Makroprojekt SC-DC		CPV1X-EPL-PG	DE			
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			Edit by	31.03.2014				= CPV			
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Modification	Date	Name	Norm					Productionorder:		Pg	40
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Blockeigenschaft [3]

Blockeigenschaft [2]

FESTO

Blockeigenschaft [1]

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Project status					Makroprojekt SC-DC		CPV1X-EPR	DE						
			Date	13.02.2013							= CPV			
			Edit by	31.03.2014				fstn						
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Modification	Date	Name	Norm											
Productionorder:								Pg		20				
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Project status					Makroprojekt SC-DC		CPV1X-EPR	DE					
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			Edit by	31.03.2014				= CPV					
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Modification	Date	Name	Norm					Productionorder:				Pg	40
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Blockeigenschaft [1]

Blockeigenschaft [2]

82/84

3/5

12/14

11

1

Blockeigenschaft [1]

Blockeigenschaft [2]

-?W

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20

+CPV1X-EPR-EU-/20

Project status					Makroprojekt SC-DC		CPV1X-EPR-E	DE			
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			Appr.	F.Steinmaß				+ CPV1X-EPR-E			
Modification	Date	Name	Norm					Productionorder:		Pg	40
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Blockeigenschaft [1]

Blockeigenschaft [2]

82/84

82/84

3/5

3/5

12/14

12/14

11

11

1

1

Blockeigenschaft [1]

Blockeigenschaft [2]

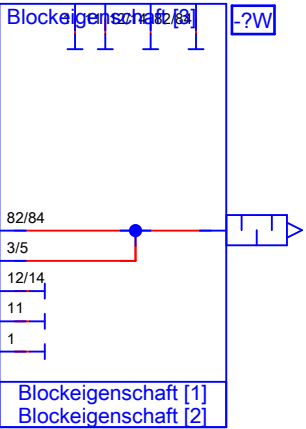
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			Edit by	31.03.2014				= CPV					
			Appr.	F. Steinmaß				+ CPV1X-EPR-EU-					
Modification	Date	Name	Norm					Productionorder:				Pg	20
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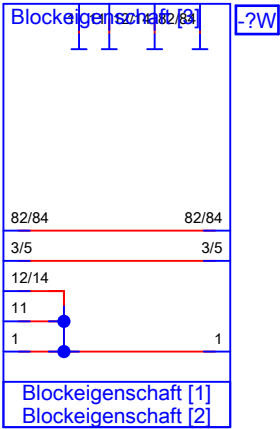
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			Appr.	F.Steinmaß							
Modification	Date	Name	Norm					Productionorder:		Pg	20
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+CPV1X-EPR-PE/20

Project status					Makroprojekt SC-DC		CPV1X-EPR-G	DE					
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			Appr.	F.Steinmaß									
Modification	Date	Name	Norm					Productionorder:				Pg	40
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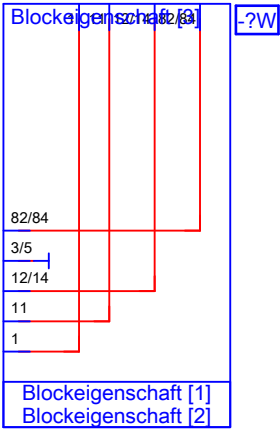
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Modification	Date	Name	Norm							Productionorder:		Pg	20
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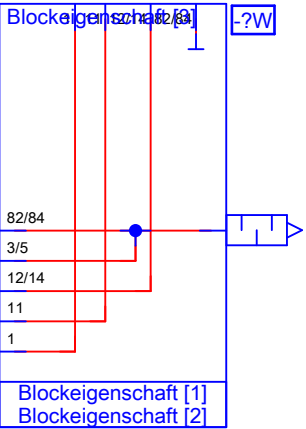
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Modification	Date	Name	Norm					Productionorder:		Pg	20
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Project status					Makroprojekt SC-DC		CPV1X-EPR-PEU-XX	DE			
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Modification	Date	Name	Norm					Productionorder:			
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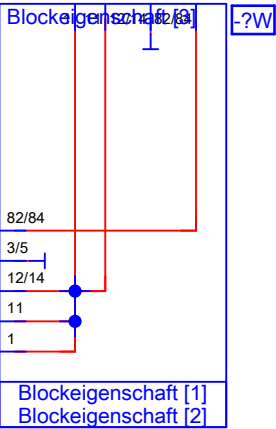
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+CPV1X-EPR-PEU-/40

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Project status					Makroprojekt SC-DC		CPV1X-EPR-PG	DE			
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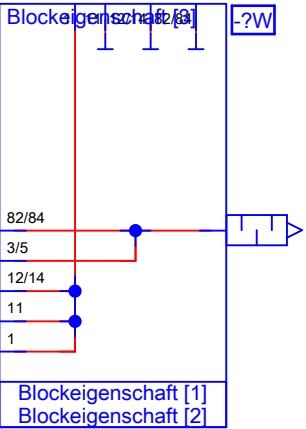
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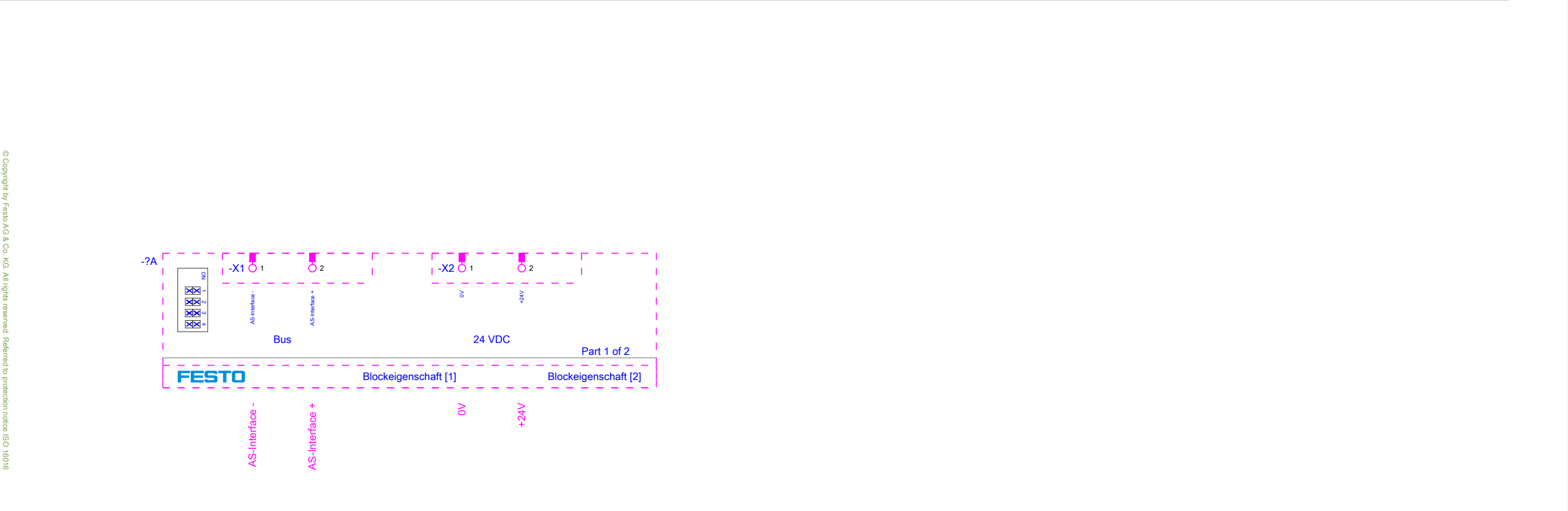
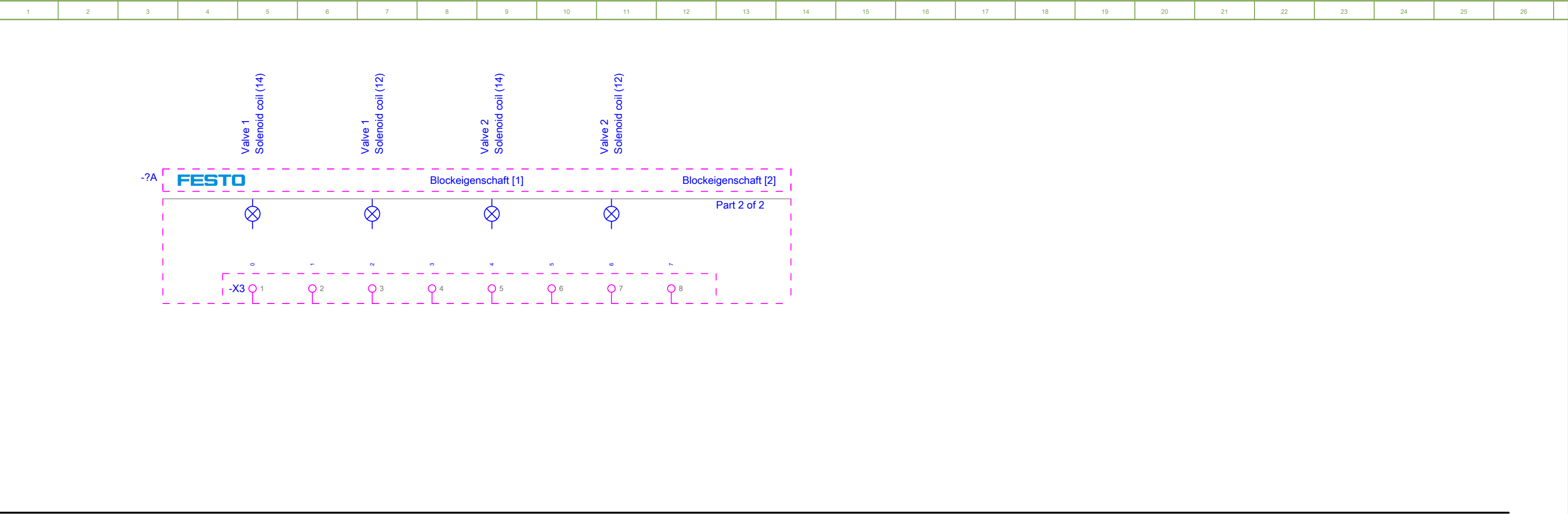
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Modification	Date	Name	Norm											
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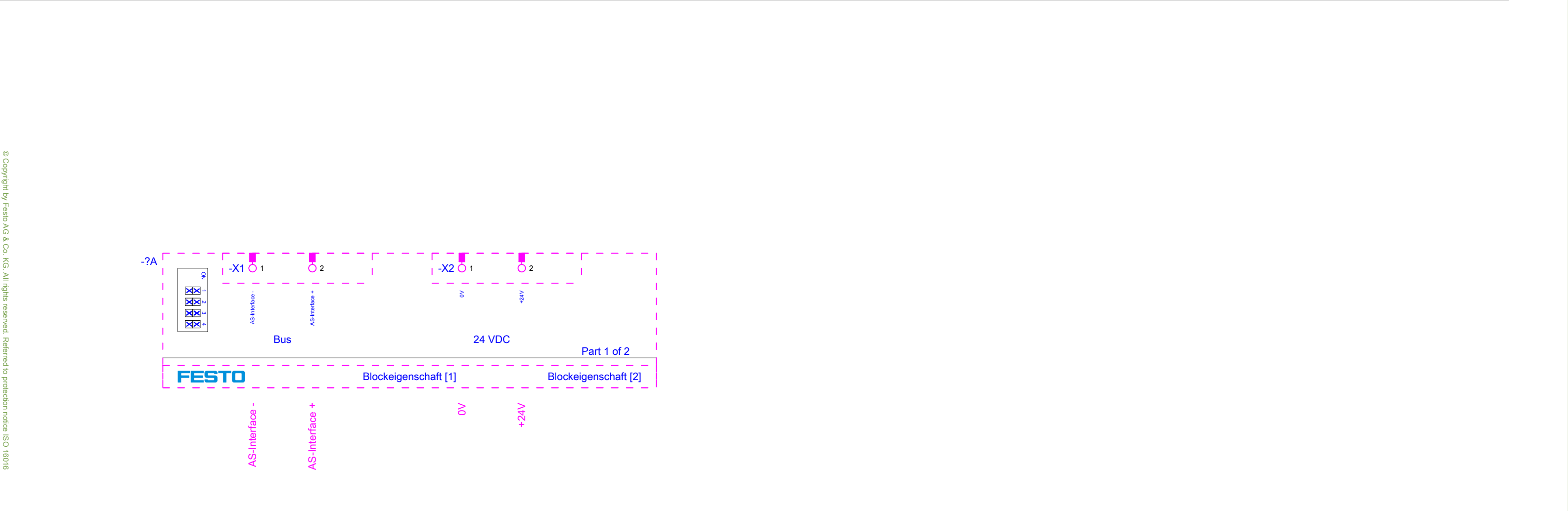
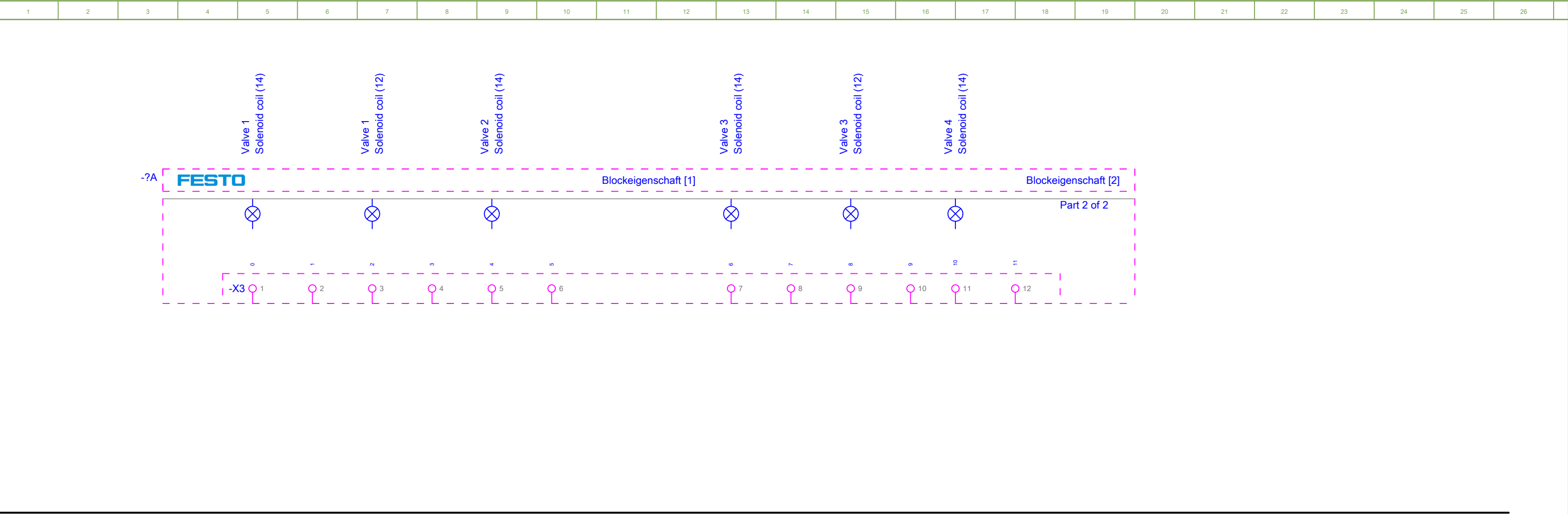


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Modification	Date	Name	Norm					Productionorder:		Pg	40
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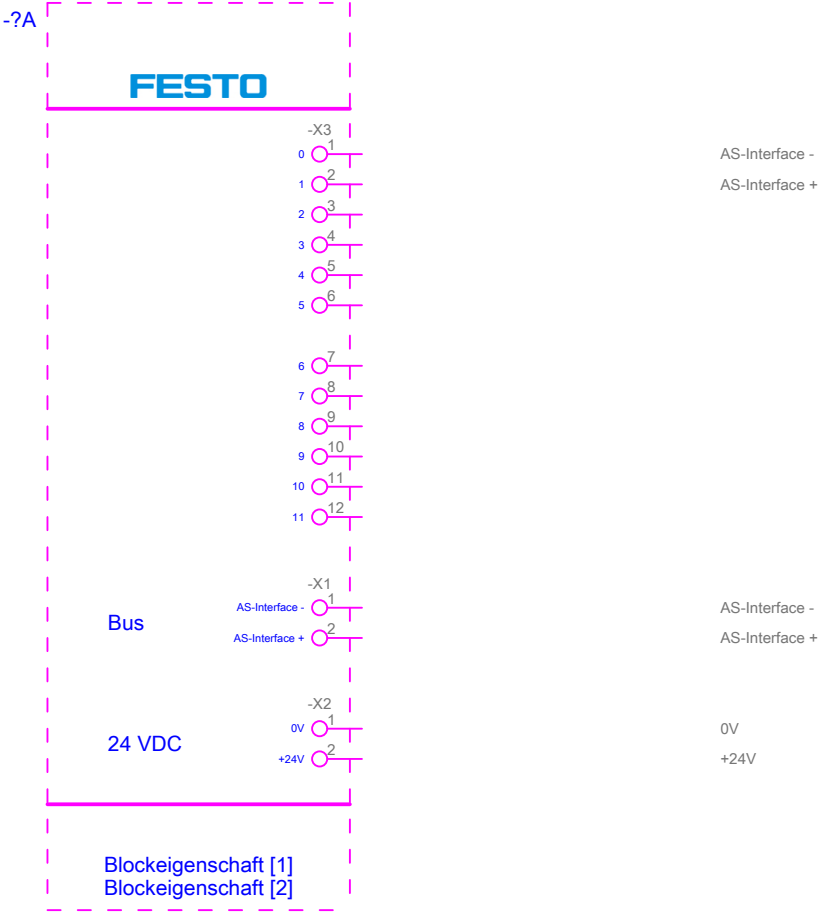
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			Edit by	18.06.2014				+ CPV1X-GE-				
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Modification	Date	Name	Norm									
Productionorder:								Pg	20			
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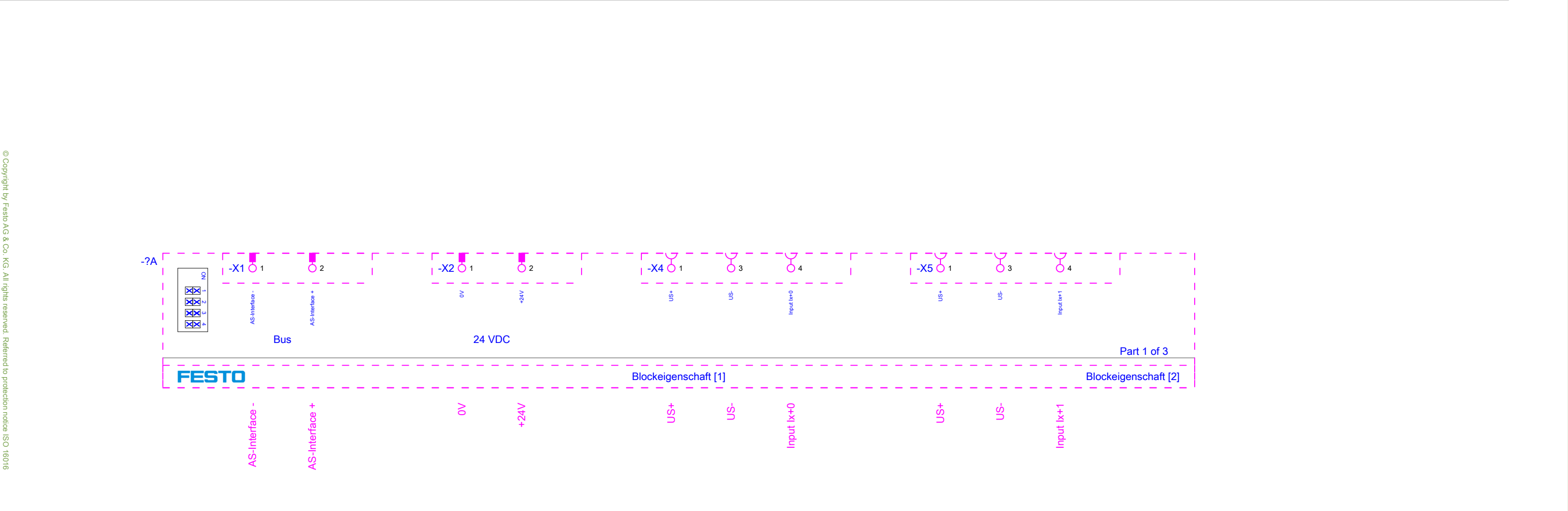
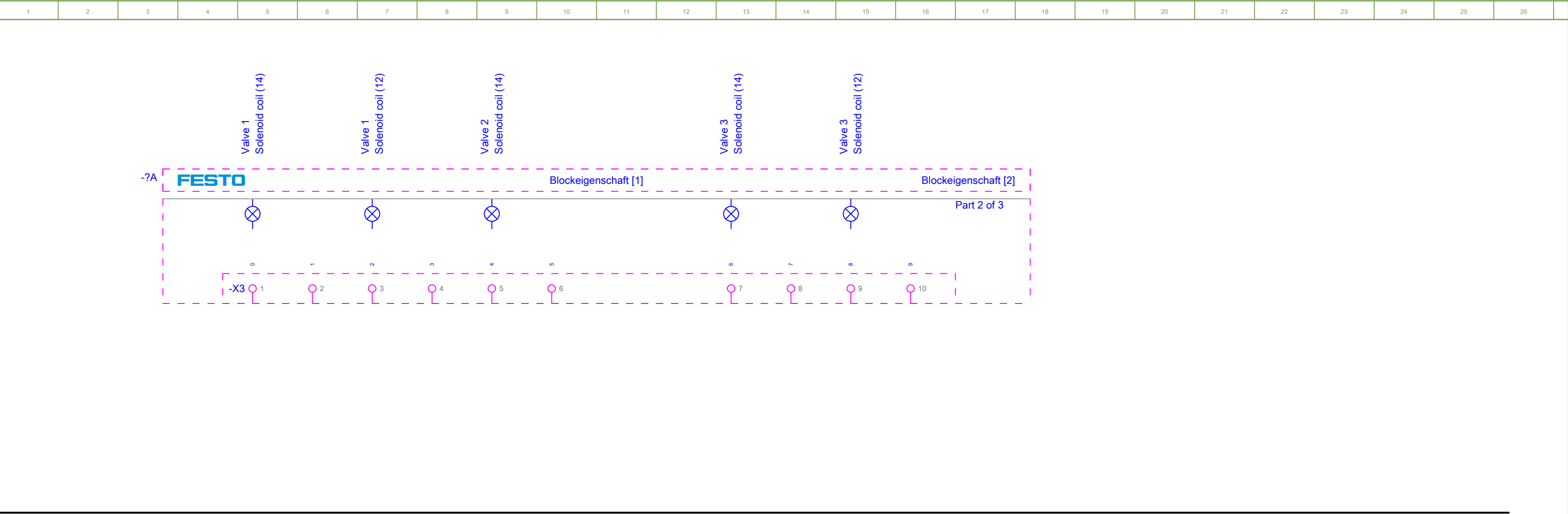


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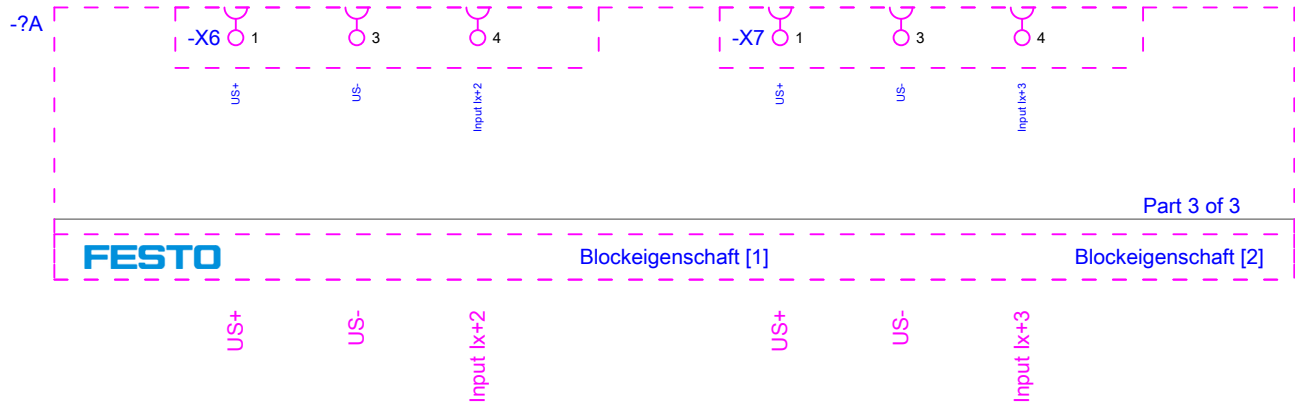
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IN A3



Project status					Makroprojekt SC-DC		CPV1X-GE-ASI-4E3A-Z-M8	DE &CPV1X-GE-ASI-4E3A-Z-M8			
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		Edit by	18.06.2014	fstn				+ CPV1X-GE-			
		Appr.	F.Steinmaß							Pg	20
Modification	Date	Name	Norm							Pg	50



FESTO

Blockeigenschaft [1]

Blockeigenschaft [2]

US+

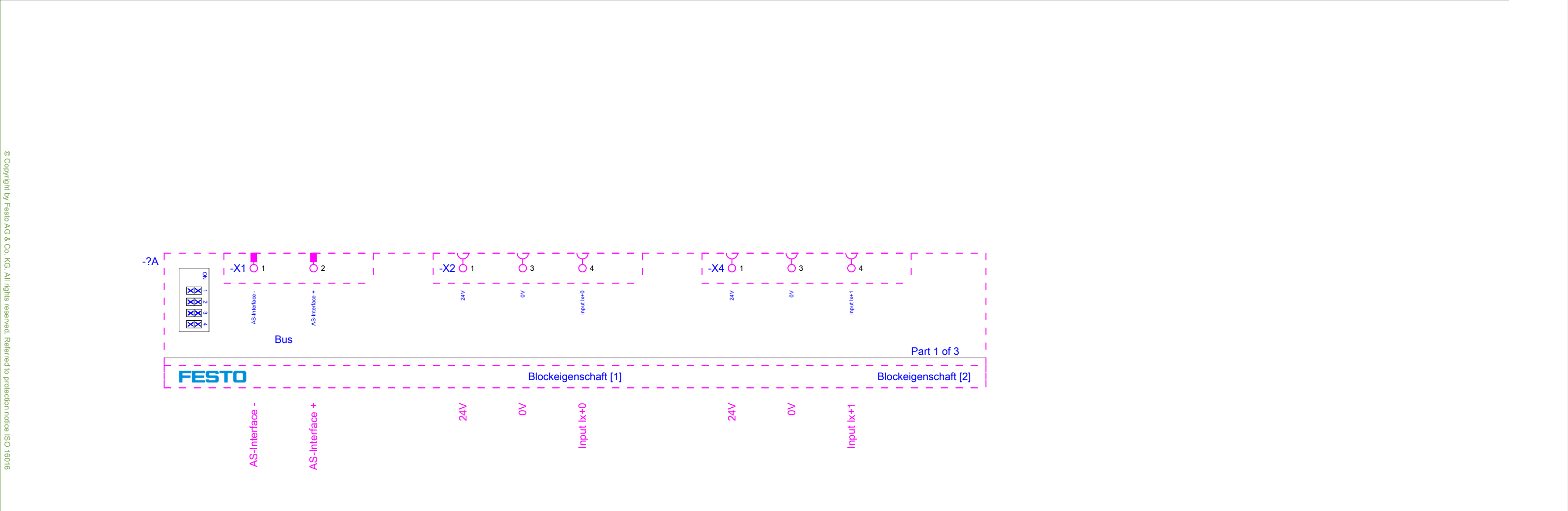
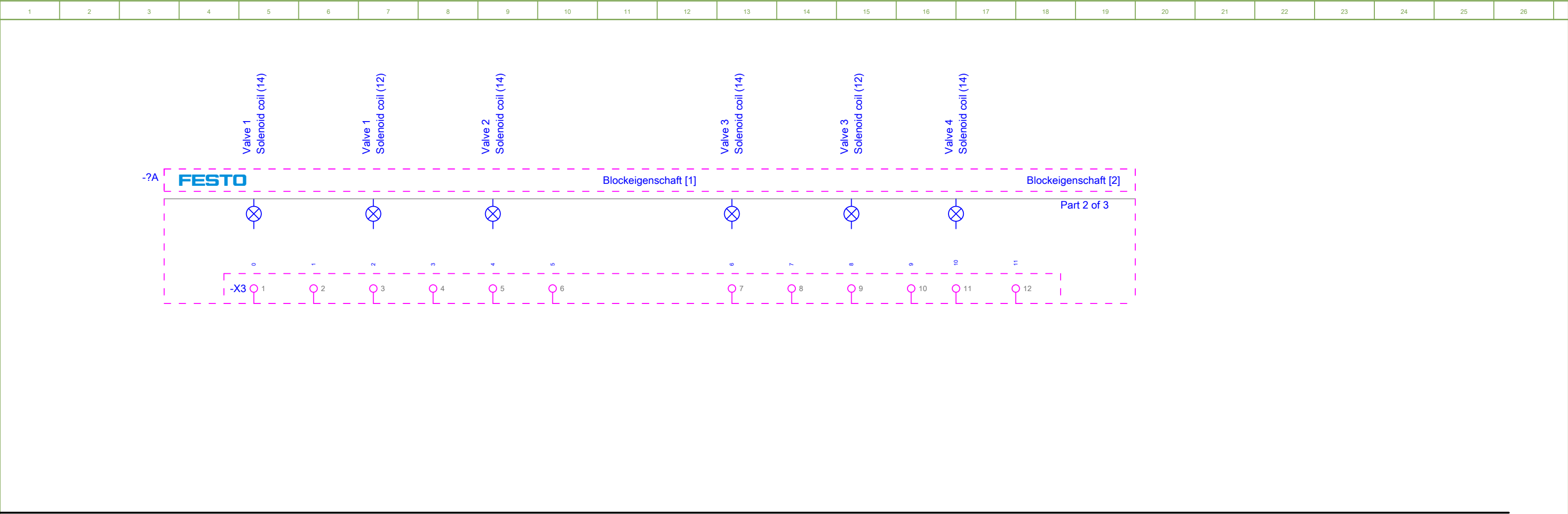
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US+

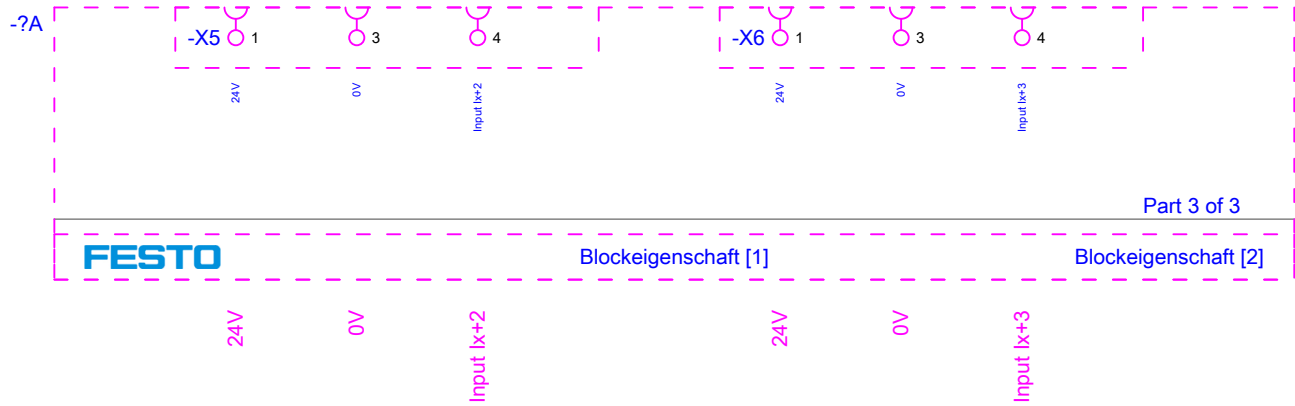
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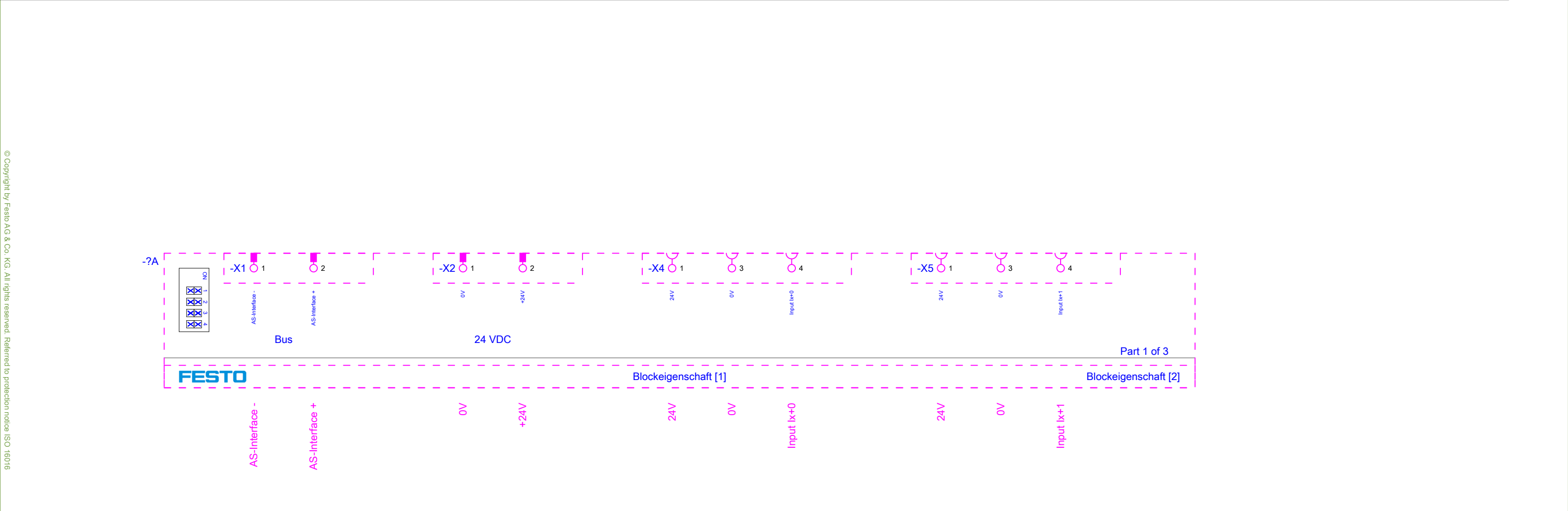
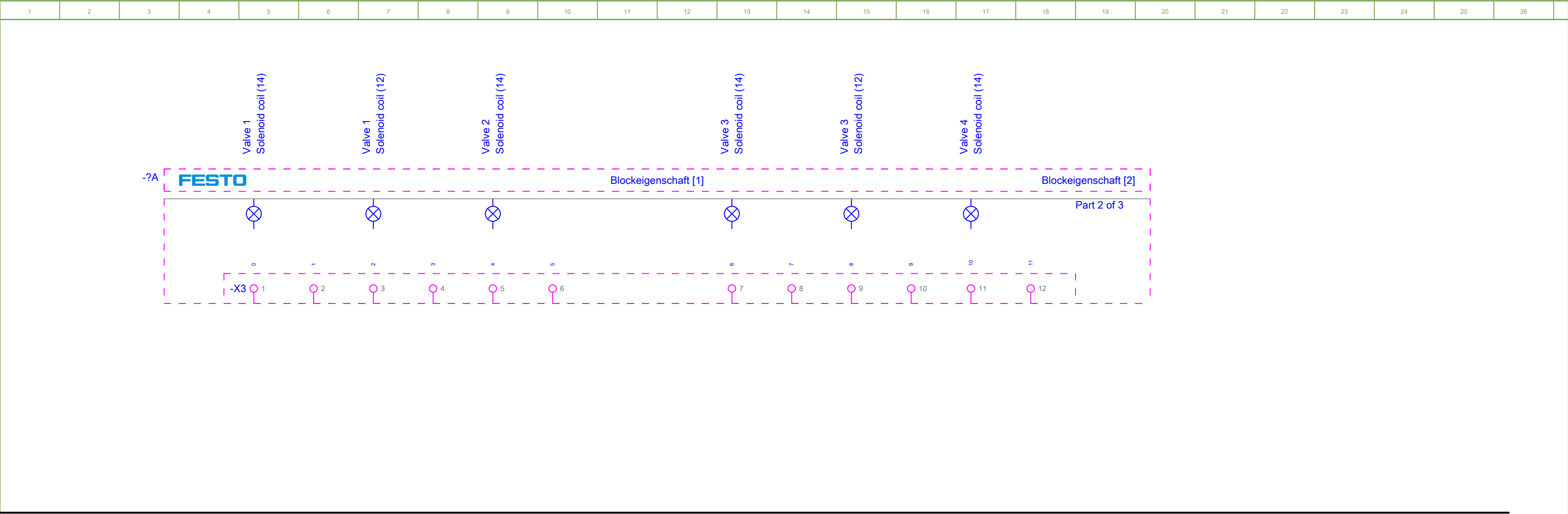


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Modification	Date	Name	Norm					Pg	50

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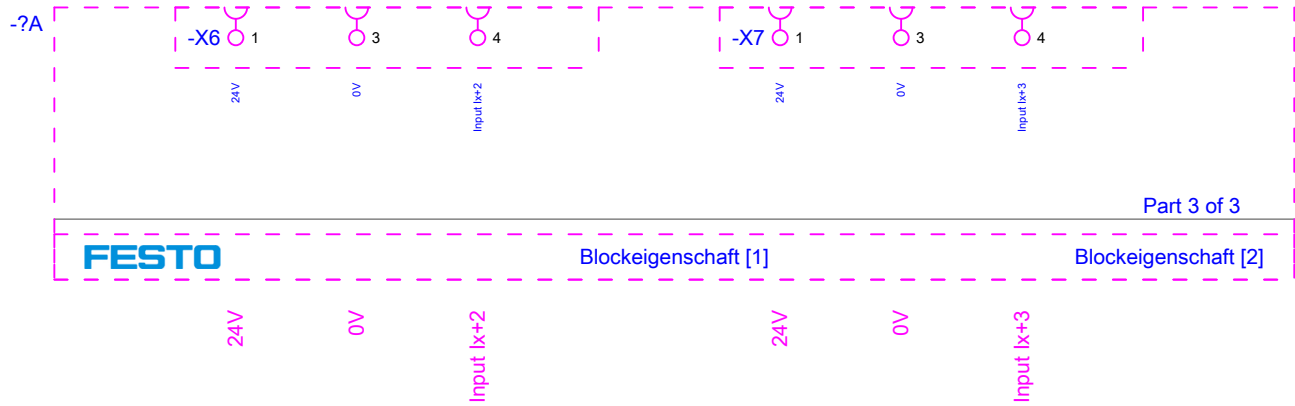


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Modification	Date	Name	Norm							Pg	50
								Productionorder:			



Project status					Makroprojekt SC-DC		CPV1X-GE-ASI-4E4A-Z-M8	DE &CPV1X-GE-ASI-4E4A-Z-M8			
		Date	13.02.2013					= CPV			
		Edit by	18.06.2014	fstn				+ CPV1X-GE-			
		Appr.	F.Steinmaß							Pg	20
Modification	Date	Name	Norm					Productionorder:		Pg	50

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FESTO

Blockeigenschaft [1]

Blockeigenschaft [2]

24V

0V

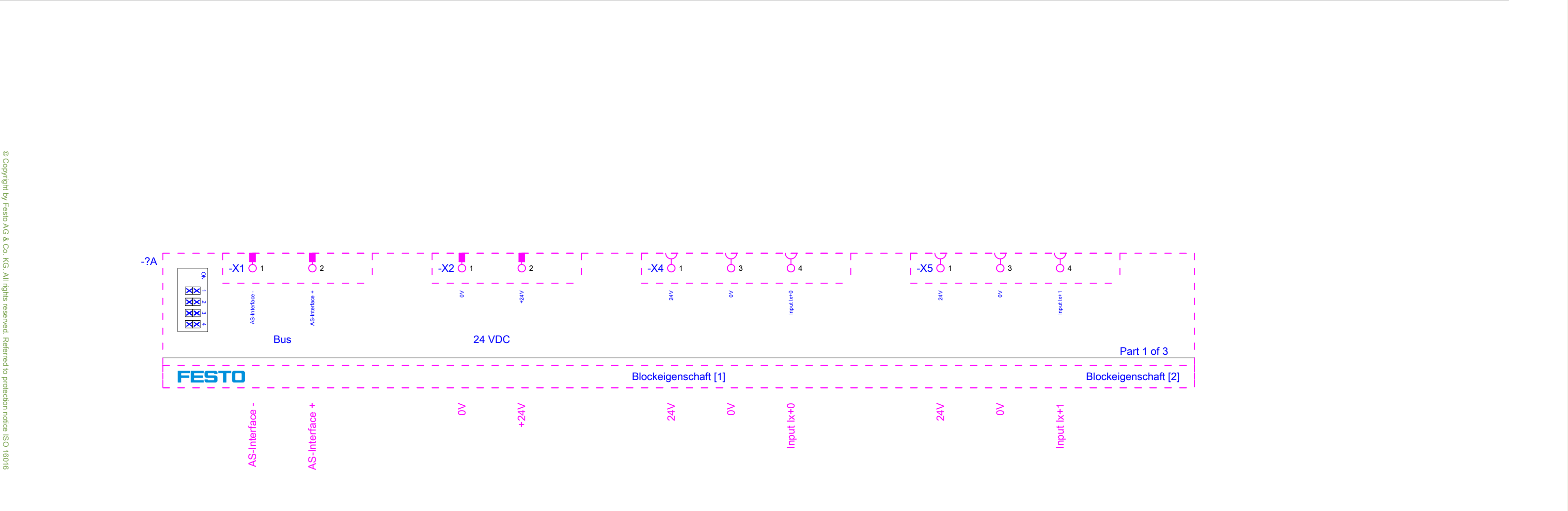
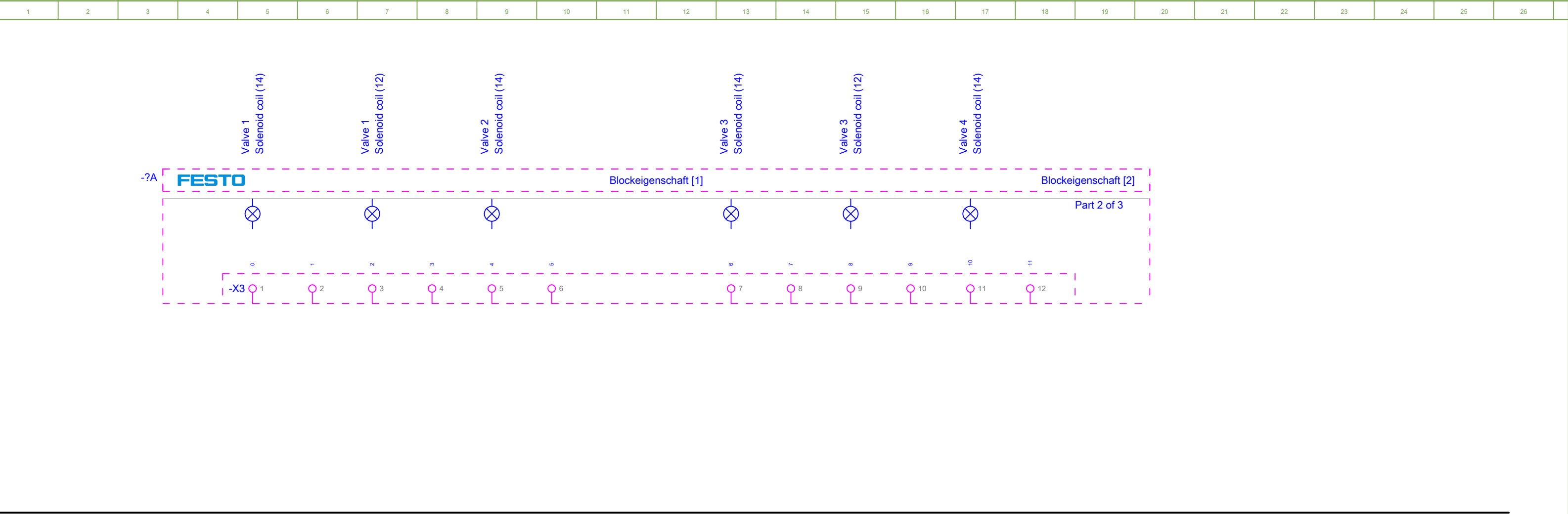
Input lx+2

24V

0V

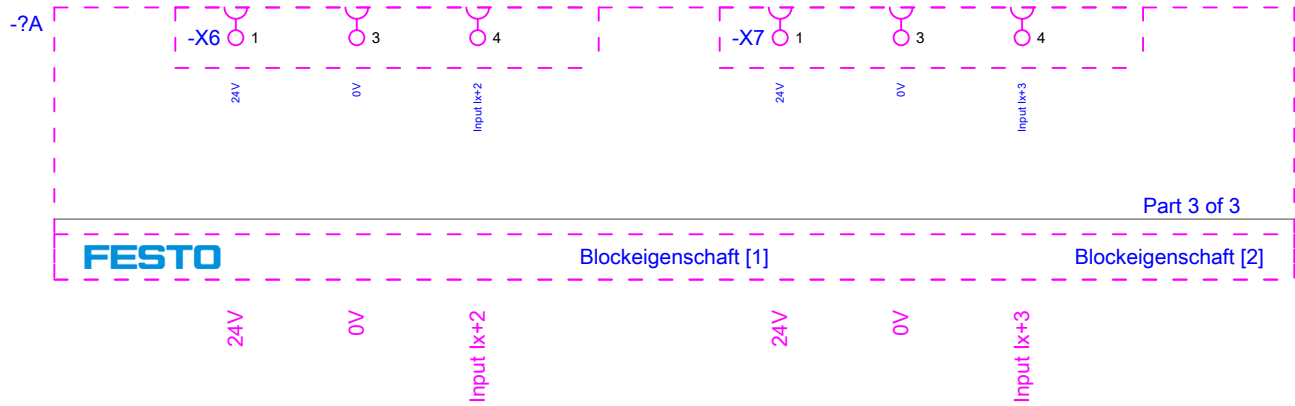
Input lx+3

Project status					Makroprojekt SC-DC		CPV1X-GE-ASI-4E4A-Z-M8	DE &CPV1X-GE-ASI-4E4A-Z-M8			
			Date	13.02.2013							
			Edit by	31.03.2014				= CPV			
			Appr.	F.Steinmaß				+ CPV1X-GE-			
Modification	Date	Name	Norm					Productionorder:		Pg	21
										Pg	50



Project status					Makroprojekt SC-DC		CPV1X-GE-ASI-4E4A-Z-M8-CE	DE &CPV1X-GE-ASI-4E4A-Z-M8-CE			
		Date	13.02.2013					= CPV			
		Edit by	18.06.2014	fstn				+ CPV1X-GE-			
		Appr.	F.Steinmaß							Pg	20
Modification	Date	Name	Norm							Pg	50
Productionorder:											

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FESTO

Blockeigenschaft [1]

Blockeigenschaft [2]

24V

0V

Input lx+2

24V

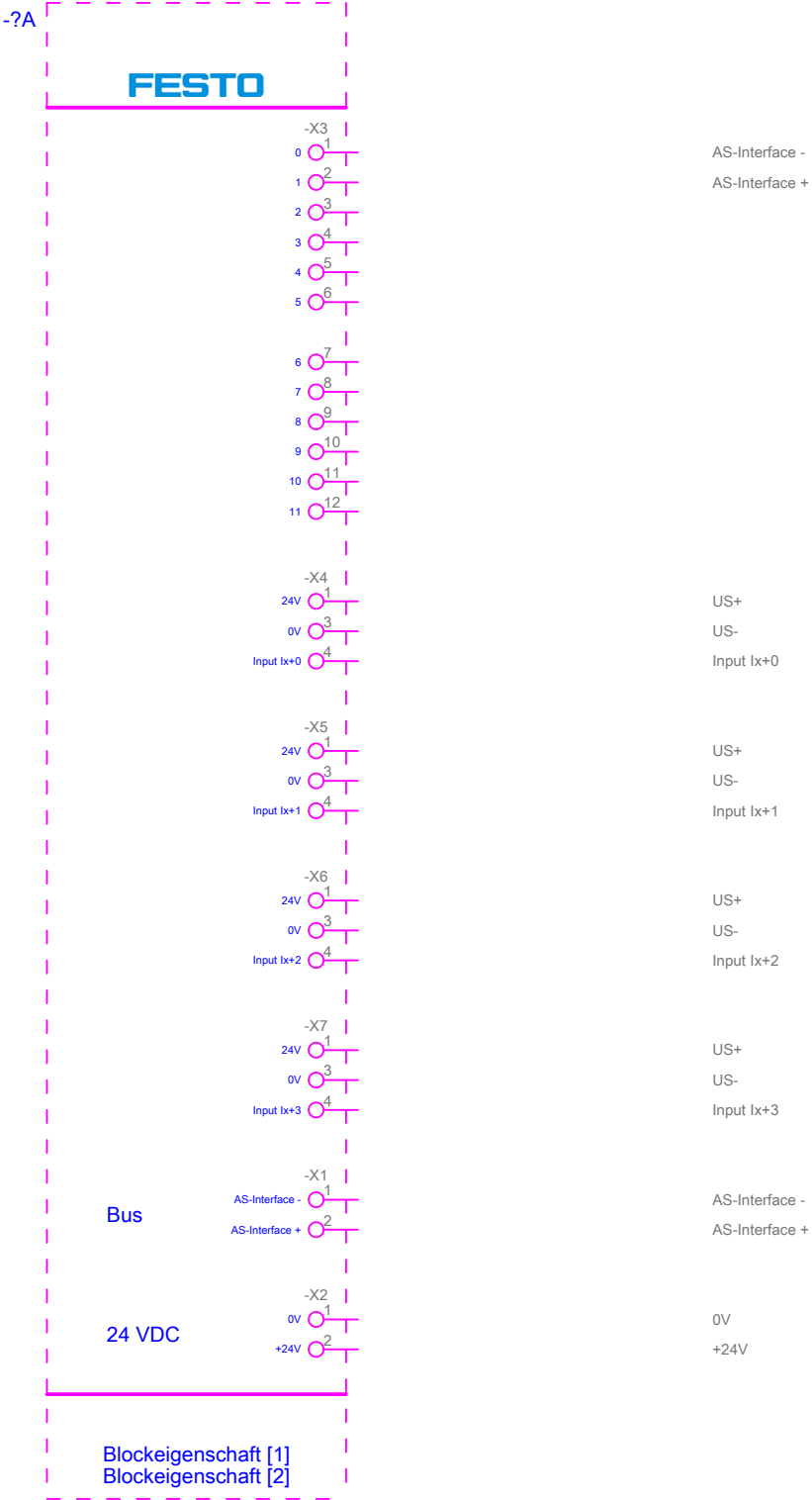
0V

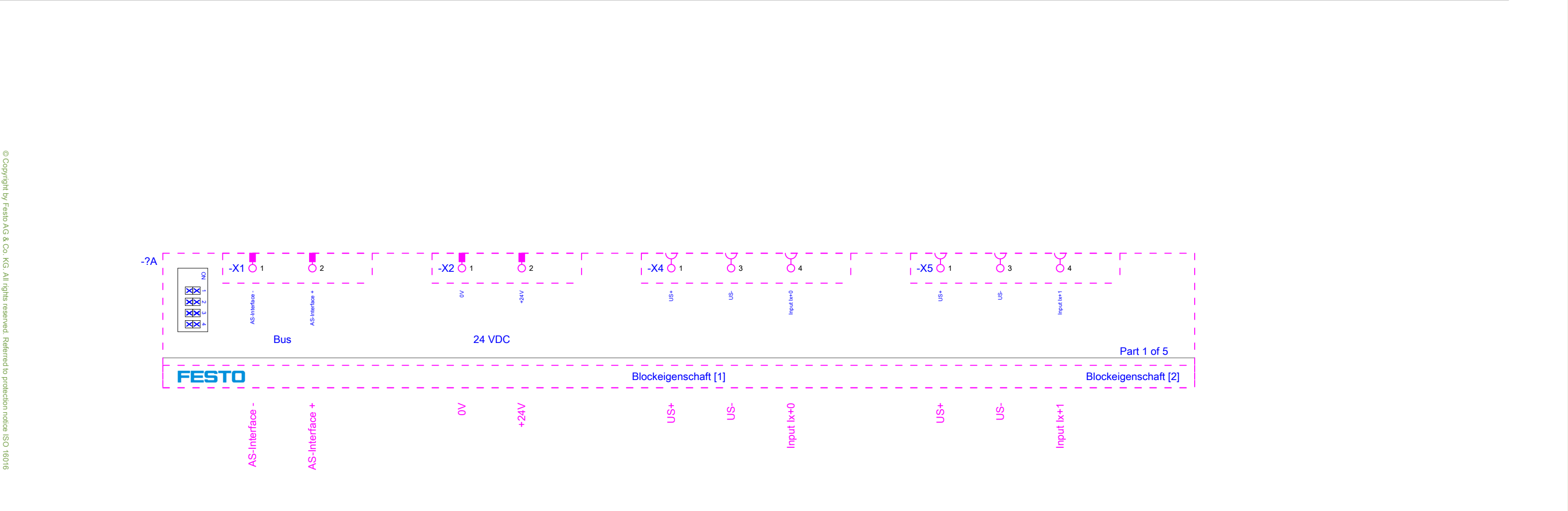
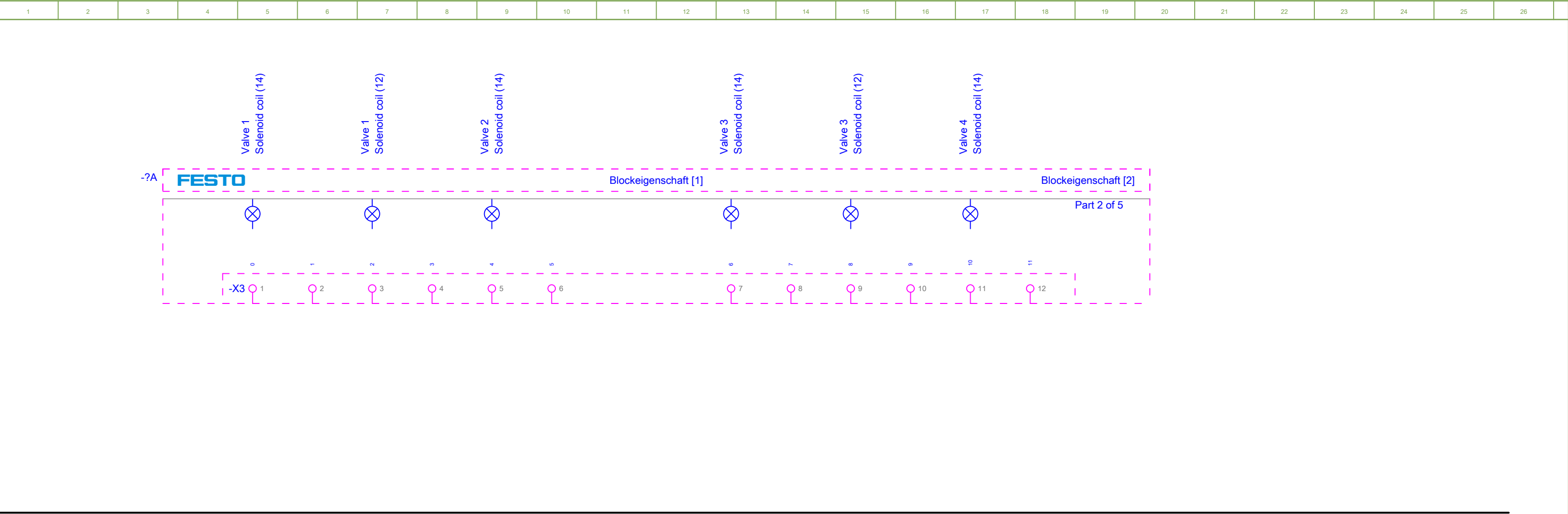
Input lx+3

Project status					Makroprojekt SC-DC		CPV1X-GE-ASI-4E4A-Z-M8-CE	DE &CPV1X-GE-ASI-4E4A-Z-M8-CE	
			Date	13.02.2013				= CPV	
			Edit by	31.03.2014				+ CPV1X-GE-	
			Appr.	F.Steinmaß					
Modification	Date	Name	Norm						
								Productionorder:	
					Pg	21			
					Pg	50			

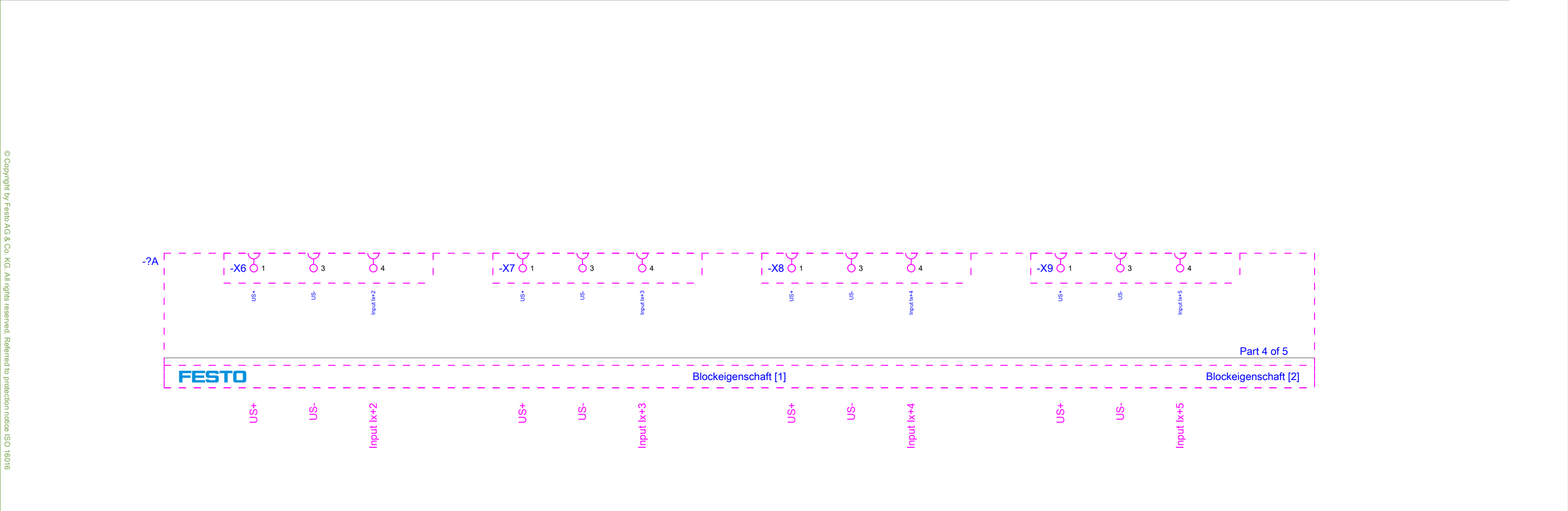
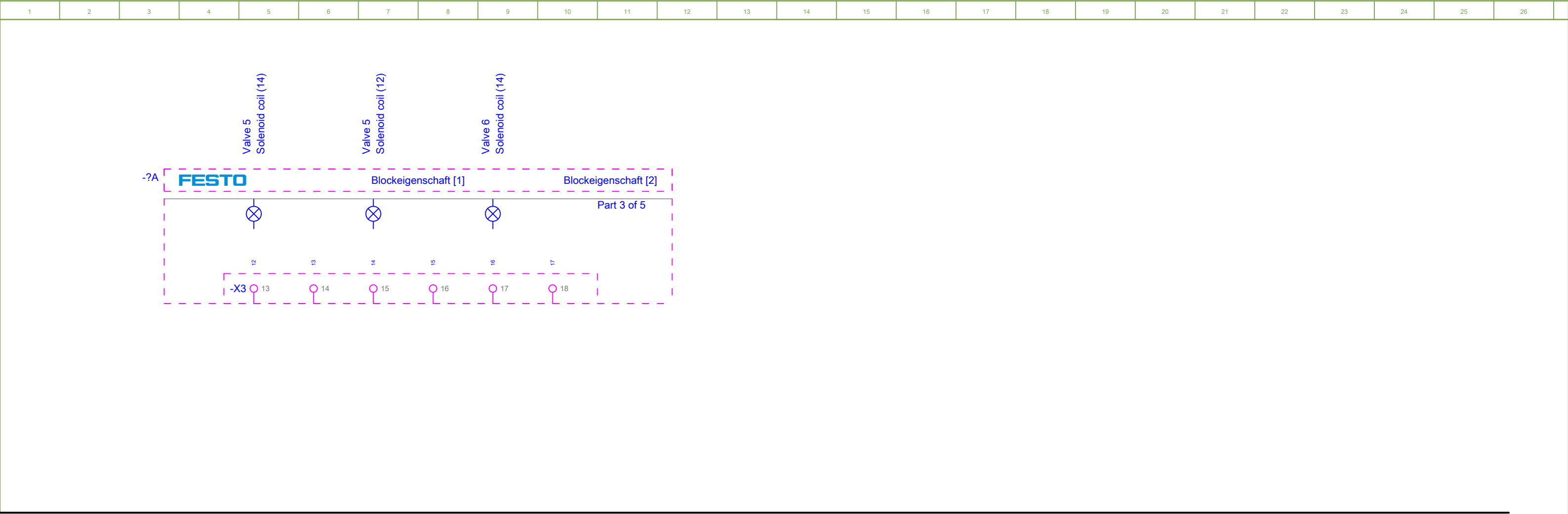
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21

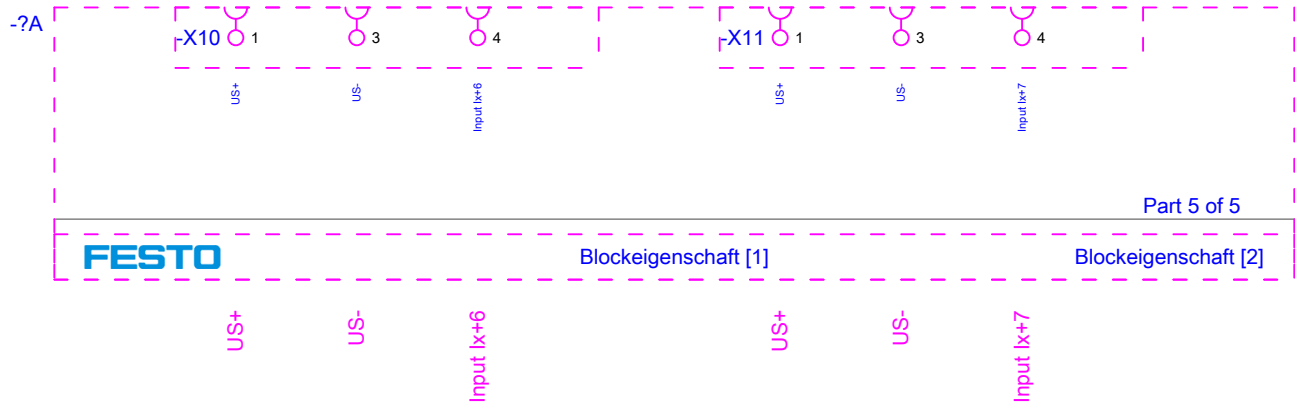




Project status					Makroprojekt SC-DC		CPV1X-GE-ASI-8E6A-Z-M8	DE &CPV1X-GE-ASI-8E6A-Z-M8			
		Date	13.02.2013					= CPV			
		Edit by	18.06.2014	fstn				+ CPV1X-GE-			
		Appr.	F.Steinmaß							Pg	20
Modification	Date	Name	Norm							Pg	51
Productionorder:											



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FESTO

Blockeigenschaft [1]

Blockeigenschaft [2]

US+

US-

Input lx+6

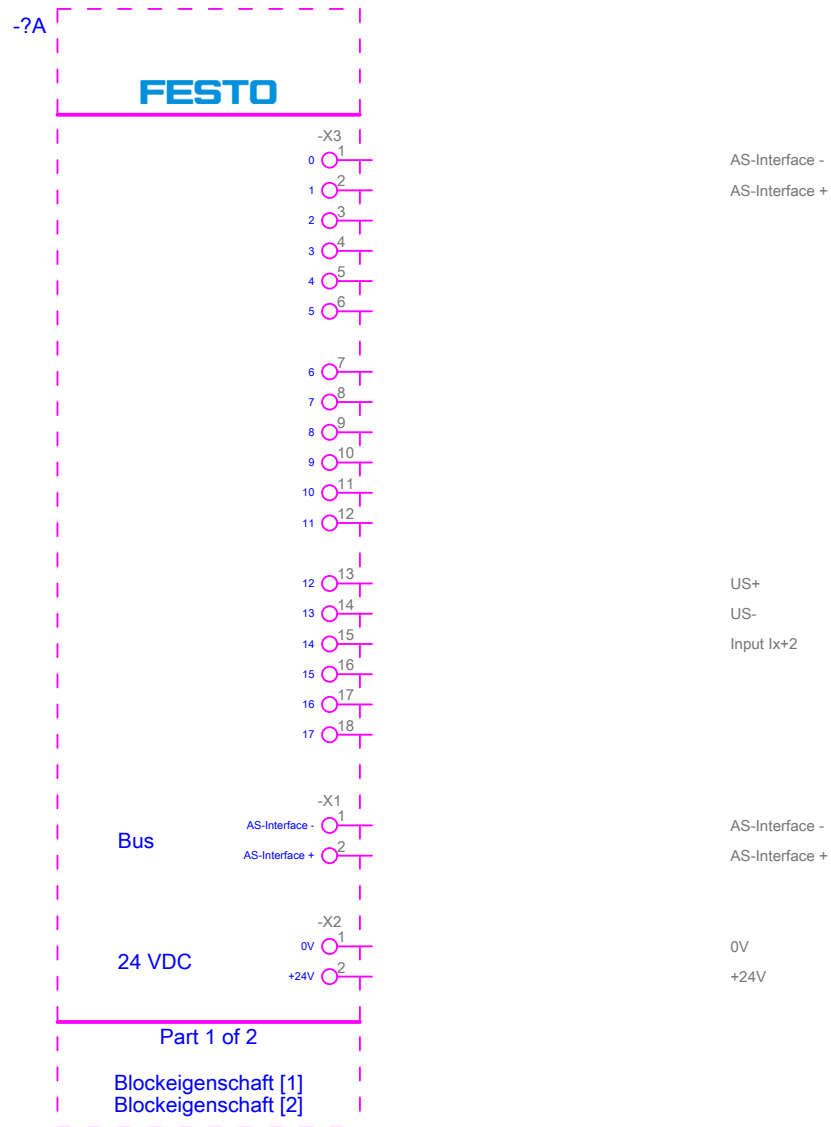
US+

US-

Input lx+7

Project status					Makroprojekt SC-DC	<div>FESTO</div>	CPV1X-GE-ASI-8E6A-Z-M8	DE &CPV1X-GE-ASI-8E6A-Z-M8			
			Date	13.02.2013				= CPV			
			Edit by	31.03.2014				+ CPV1X-GE-			
			Appr.	F.Steinmaß						Pg	22
Modification	Date	Name	Norm							Pg	51

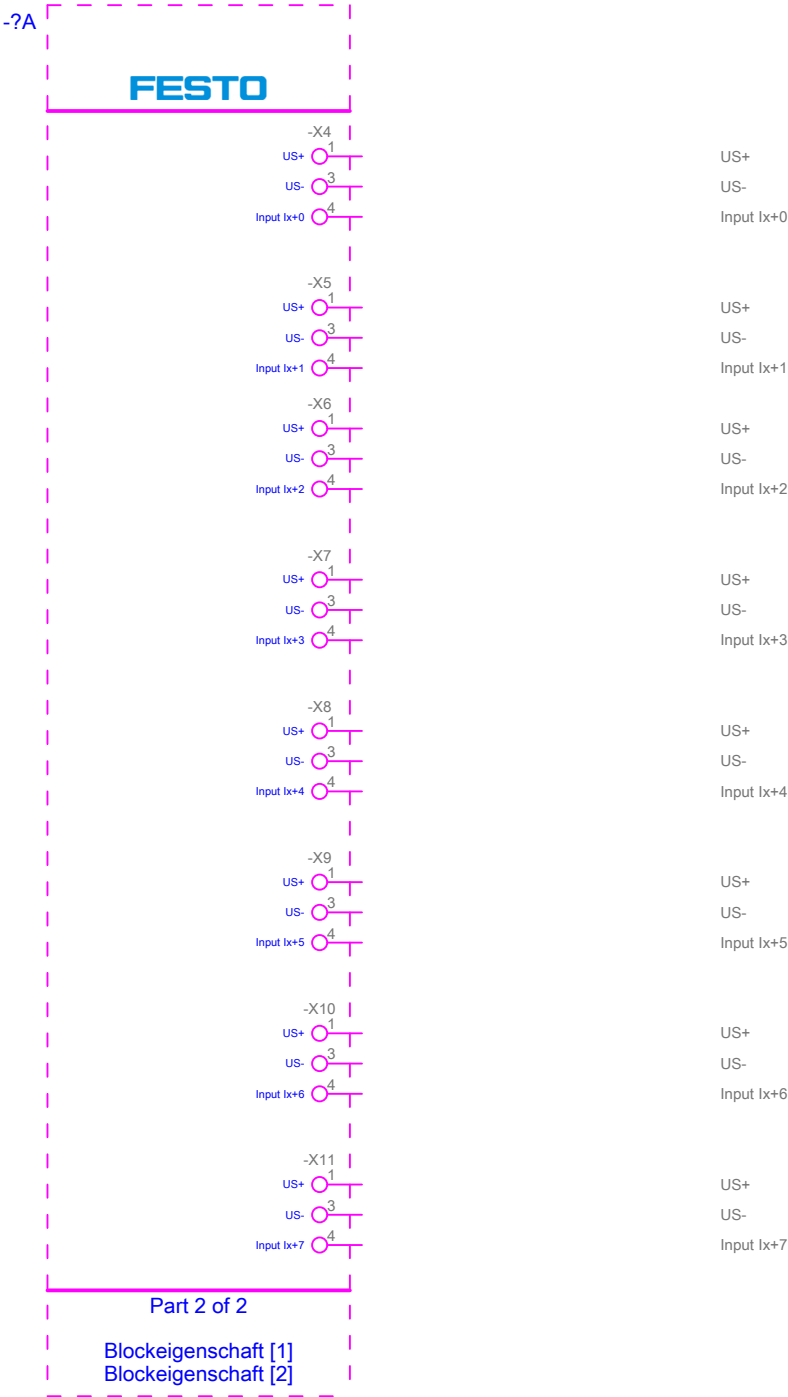
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
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Project status					Makroprojekt SC-DC		CPV1X-GE-ASI-8E6A-Z-M8	DE &CPV1X-GE-ASI-8E6A-Z-M8	
		Date	13.02.2013	= CPV					
		Edit by	31.03.2014	+				CPV1X-GE-	
		Appr.	F.Steinmaß						
Modification	Date	Name	Norm						
							Productionorder:	Pg 50	
								Pg 51	

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50



-X9

US+ 1

US- 3

Input lx+5 4

-X10

US+ 1

US- 3

Input lx+6 4

-X11

US+ 1

US- 3

Input lx+7 4

Part 2 of 2

Blockeigenschaft [1]

Blockeigenschaft [2]

US+

US-

Input lx+0

US+

US-

Input lx+1

US+

US-

Input lx+2

US+

US-

Input lx+3

US+

US-

Input lx+4

US+

US-

Input lx+5

US+

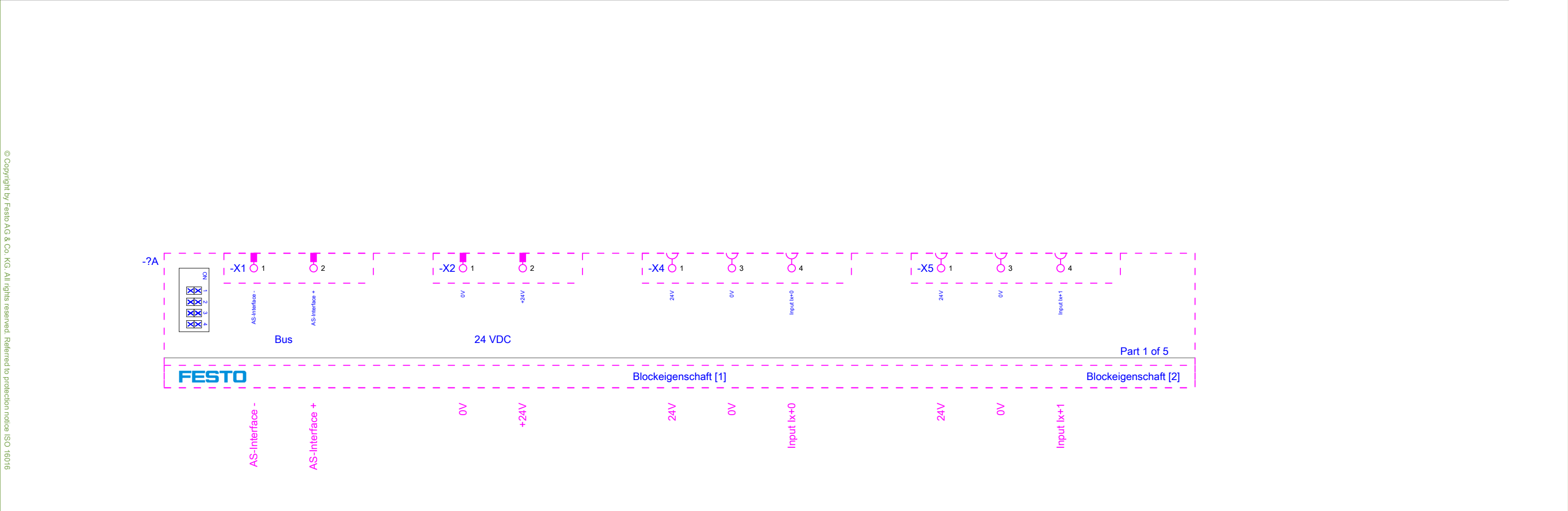
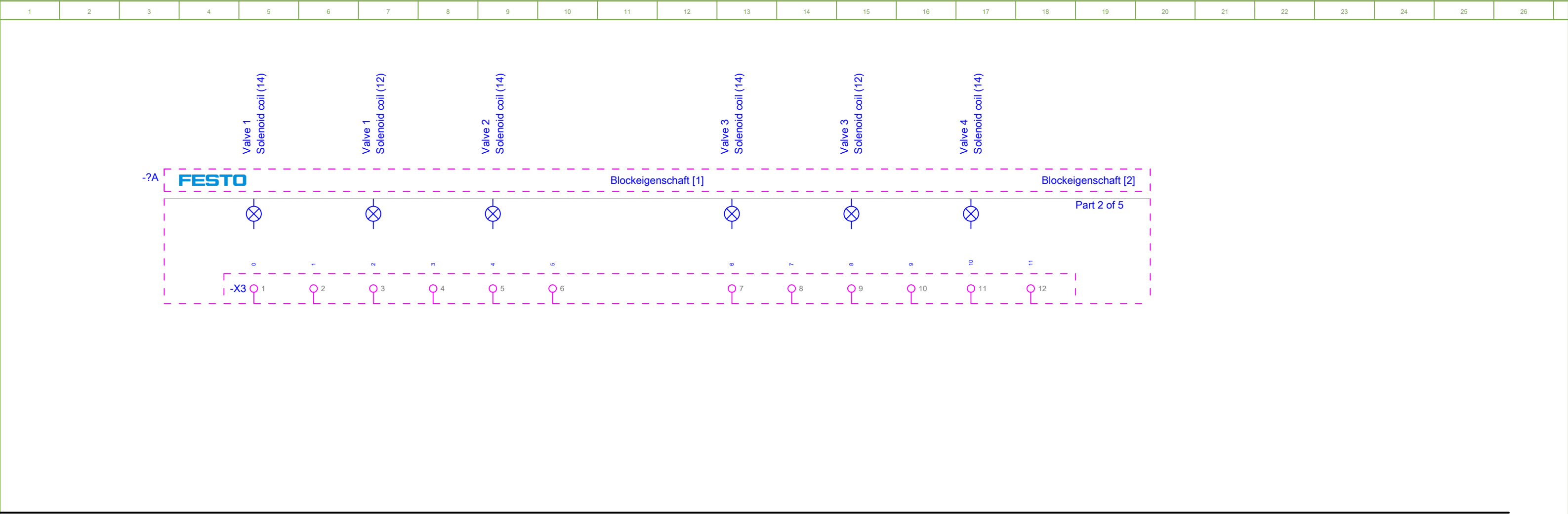
US-

Input lx+6

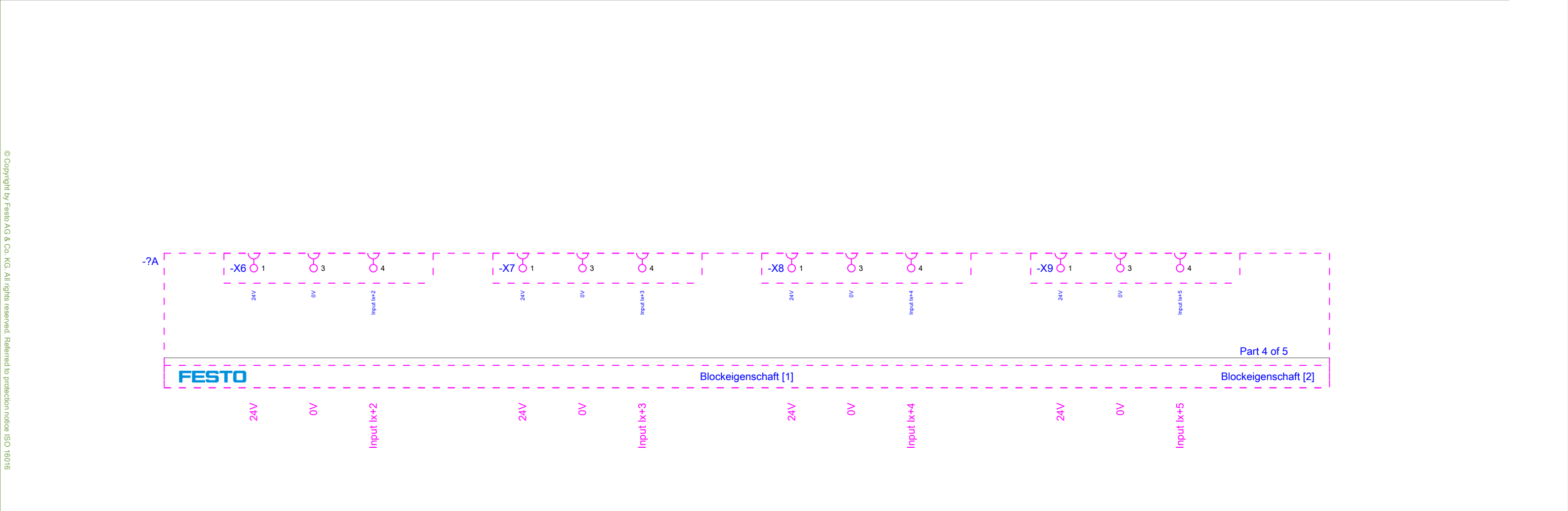
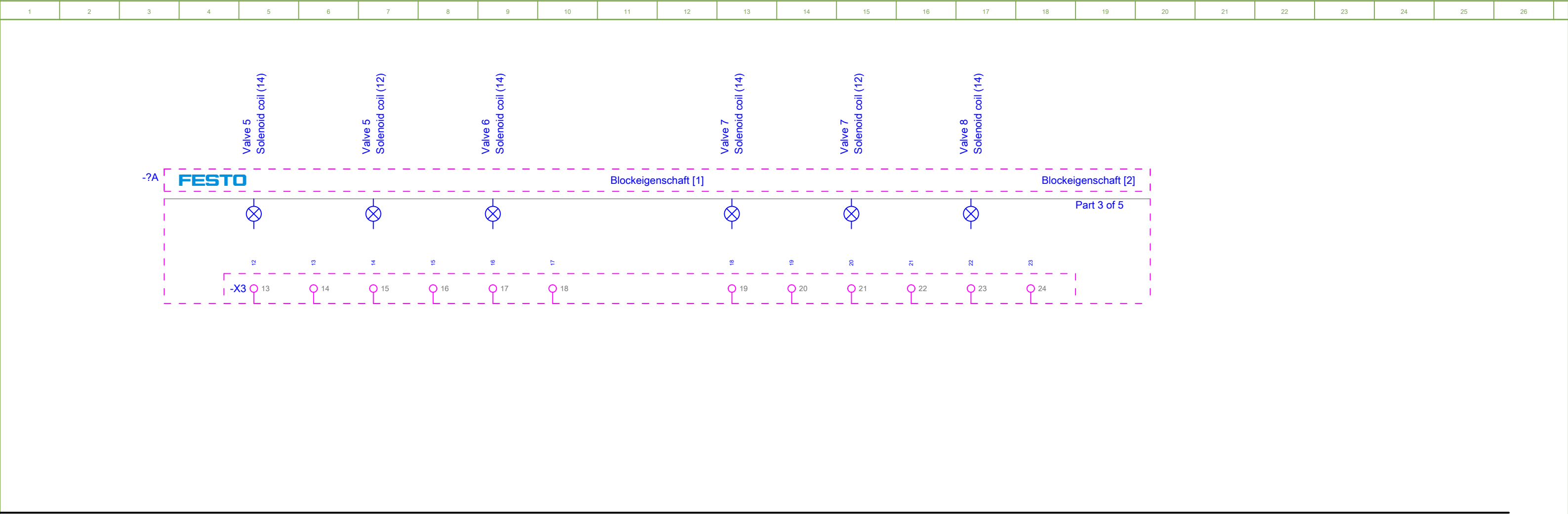
US+

US-

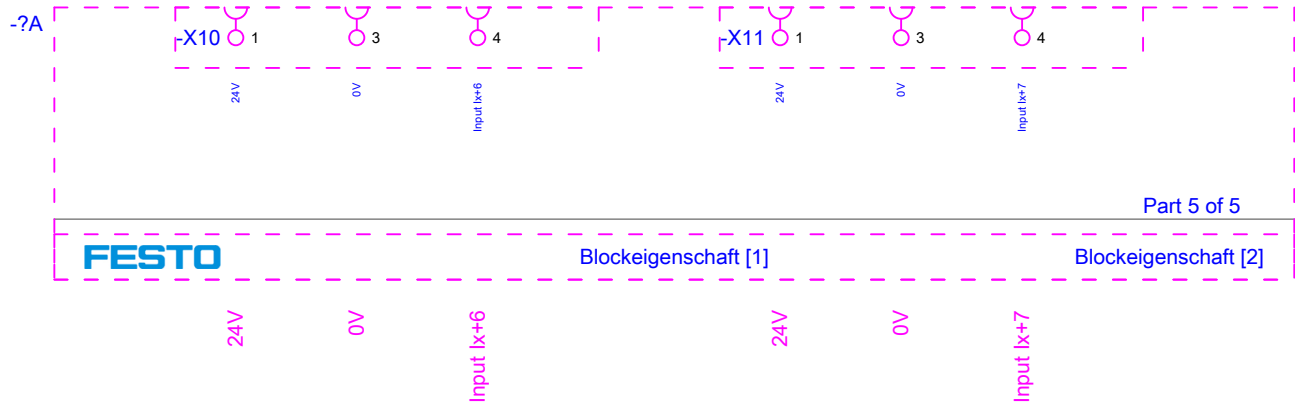
Input lx+7



Project status					Makroprojekt SC-DC		CPV1X-GE-ASI-8E8A-Z-M8	DE &CPV1X-GE-ASI-8E8A-Z-M8			
		Date	13.02.2013					= CPV			
		Edit by	18.06.2014	fstn				+ CPV1X-GE-			
		Appr.	F.Steinmaß							Pg	20
Modification	Date	Name	Norm							Pg	51
Productionorder:											



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FESTO

Blockeigenschaft [1]

Blockeigenschaft [2]

24V

0V

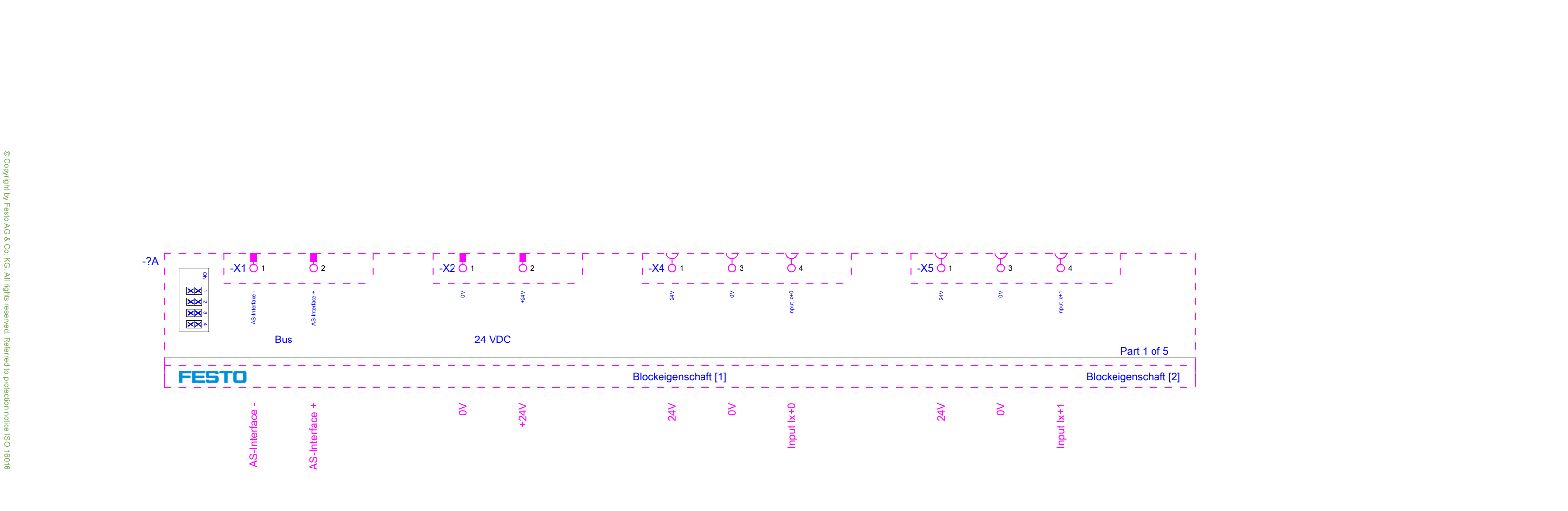
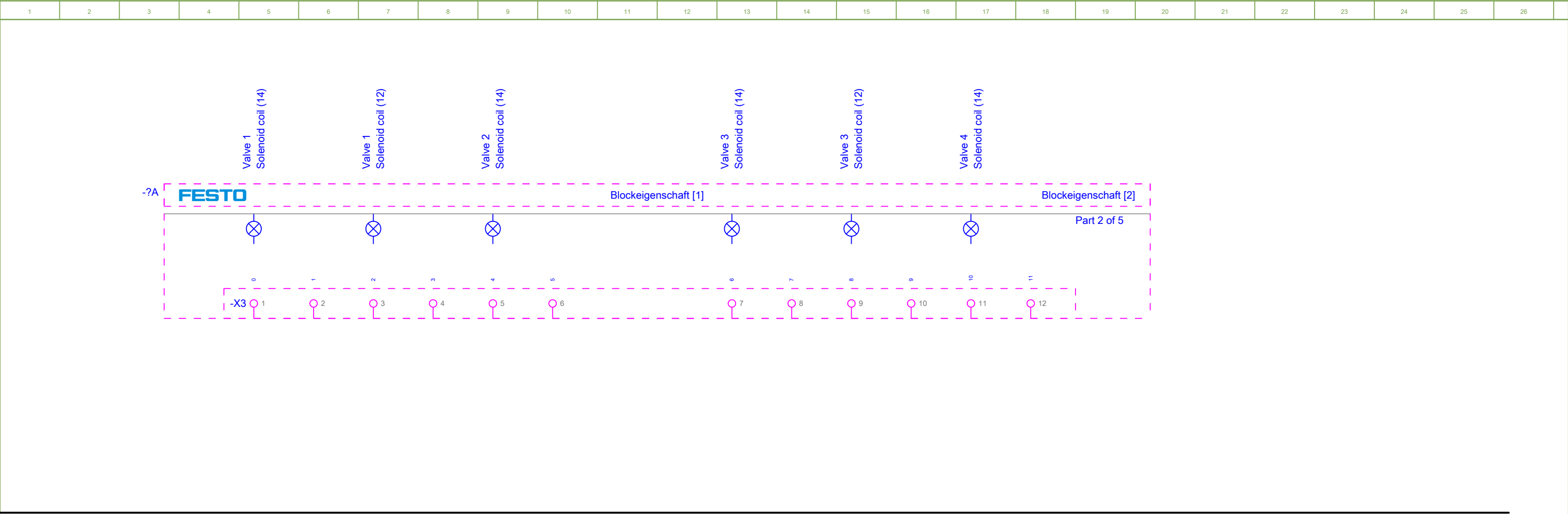
Input lx+6

24V

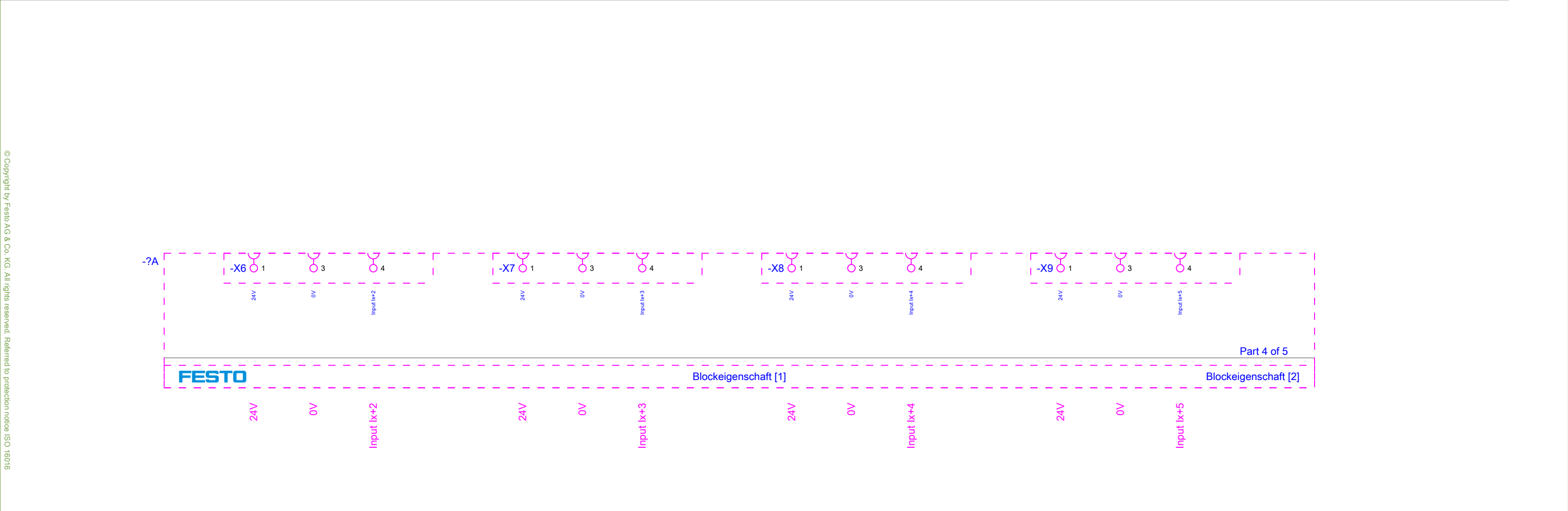
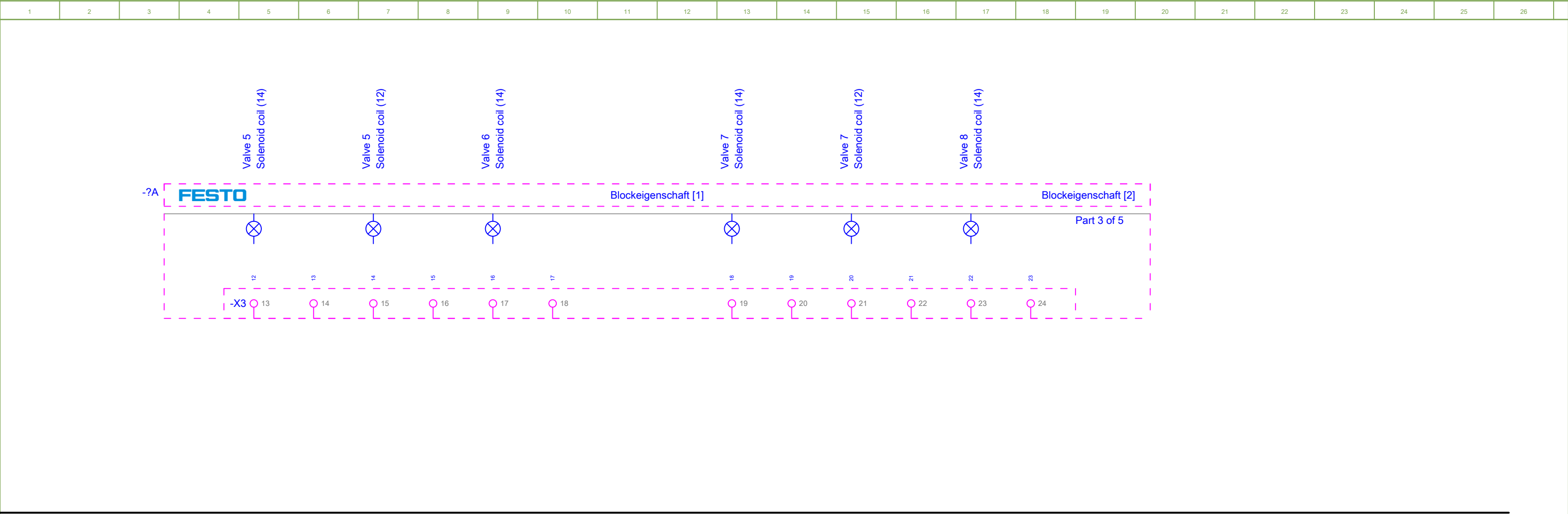
0V

Input lx+7

Project status					Makroprojekt SC-DC		CPV1X-GE-ASI-8E8A-Z-M8	DE &CPV1X-GE-ASI-8E8A-Z-M8	
			Date	13.02.2013				= CPV	
			Edit by	31.03.2014				+ CPV1X-GE-	
			Appr.	F.Steinmaß					
Modification	Date	Name	Norm					Pg 22	
								Pg 51	

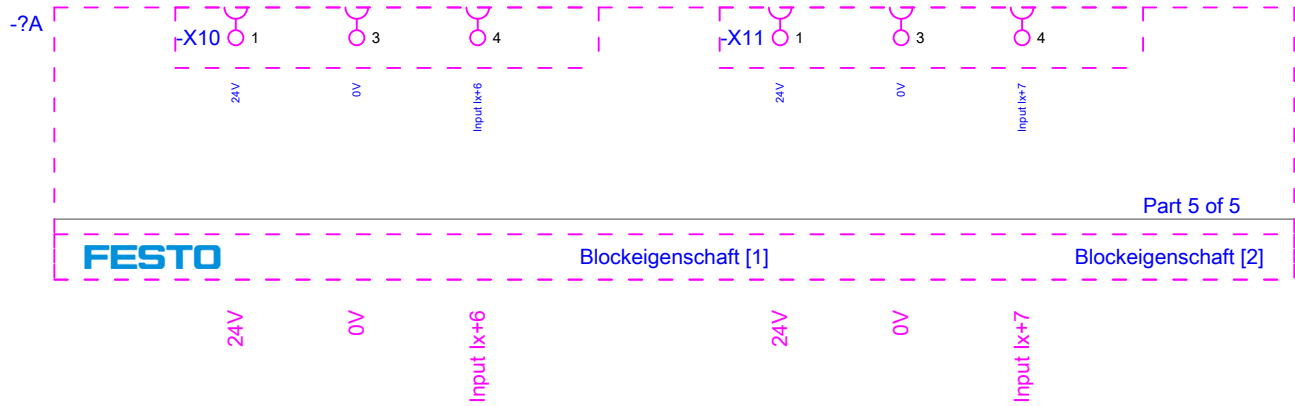


Project status					Makroprojekt SC-DC		CPV1X-GE-ASI-8E8A-Z-M8-CE	DE &CPV1X-GE-ASI-8E8A-Z-M8-CE	
		Date	13.02.2013					= CPV	
		Edit by	18.06.2014 fstn					+ CPV1X-GE-	
		Appr.	F. Steinmaß						
Modification	Date	Name	Norm						
							Productionorder:		Pg 20
									Pg 51



Project status					Makroprojekt SC-DC		CPV1X-GE-ASI-8E8A-Z-M8-CE	DE &CPV1X-GE-ASI-8E8A-Z-M8-CE			
			Date	13.02.2013				= CPV			
			Edit by	18.06.2014				+ CPV1X-GE-			
			Appr.	F.Steinmaß							
Modification	Date	Name	Norm				Productionorder:		Pg 21		
									Pg 51		

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FESTO

Blockeigenschaft [1]

Blockeigenschaft [2]

24V

0V

Input lx+6

24V

0V

Input lx+7

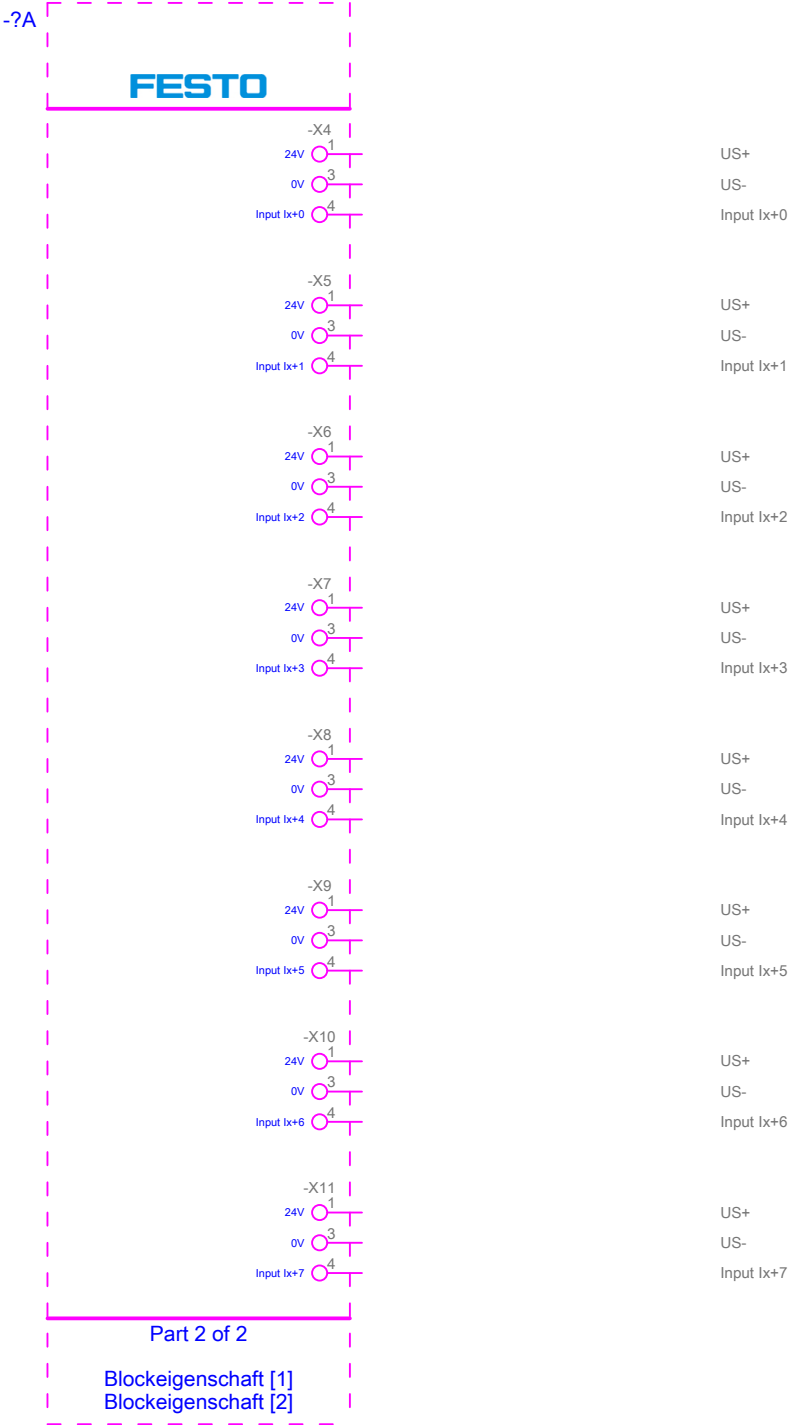
Project status					Makroprojekt SC-DC		CPV1X-GE-ASI-8E8A-Z-M8-CE	DE &CPV1X-GE-ASI-8E8A-Z-M8-CE	
			Date	13.02.2013				= CPV	
			Edit by	31.03.2014				+ CPV1X-GE-	
			Appr.	F.Steinmaß					
Modification	Date	Name	Norm					Productionorder:	
								Pg 22	
					Pg 51				

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50

&CPV1X-GE-CC-8/20

Project status					Makroprojekt SC-DC		CPV1X-GE-ASI-8E8A-Z-M8-CE	DE &CPV1X-GE-ASI-8E8A-Z-M8-CE	
			Date	13.02.2013				= CPV	
			Edit by	31.03.2014				+ CPV1X-GE-	
			Appr.	F.Steinmaß					
Modification	Date	Name	Norm					Productionorder:	
								Pg 51	
							Pg 51		



-X9

24V1

0V3

Input lx+54

-X10

24V1

0V3

Input lx+64

-X11

24V1

0V3

Input lx+74

US+

US-

Input lx+0

US+

US-

Input lx+1

US+

US-

Input lx+2

US+

US-

Input lx+3

US+

US-

Input lx+4

US+

US-

Input lx+5

US+

US-

Input lx+6

US+

US-

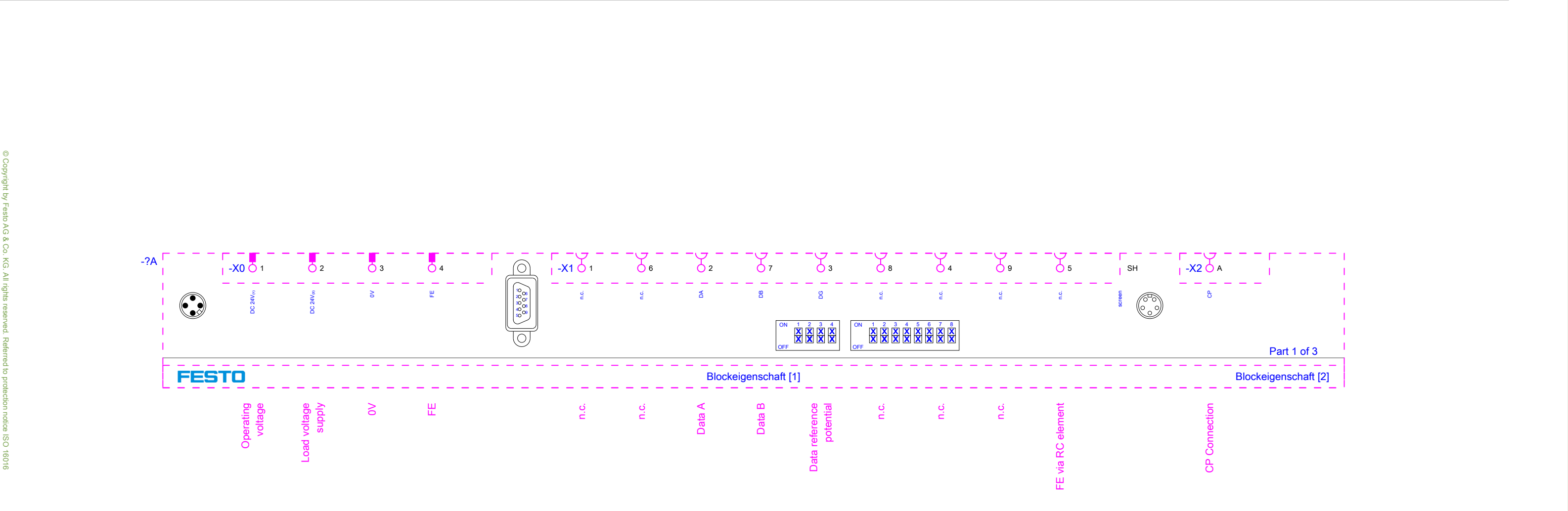
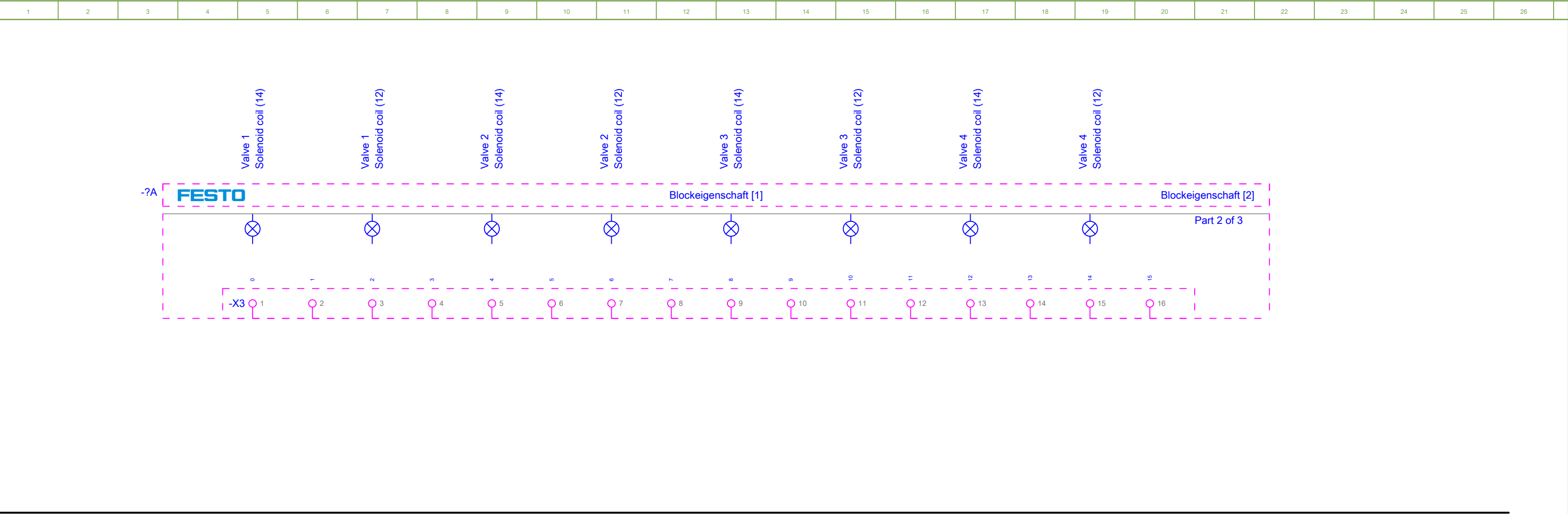
Input lx+7

Part 2 of 2

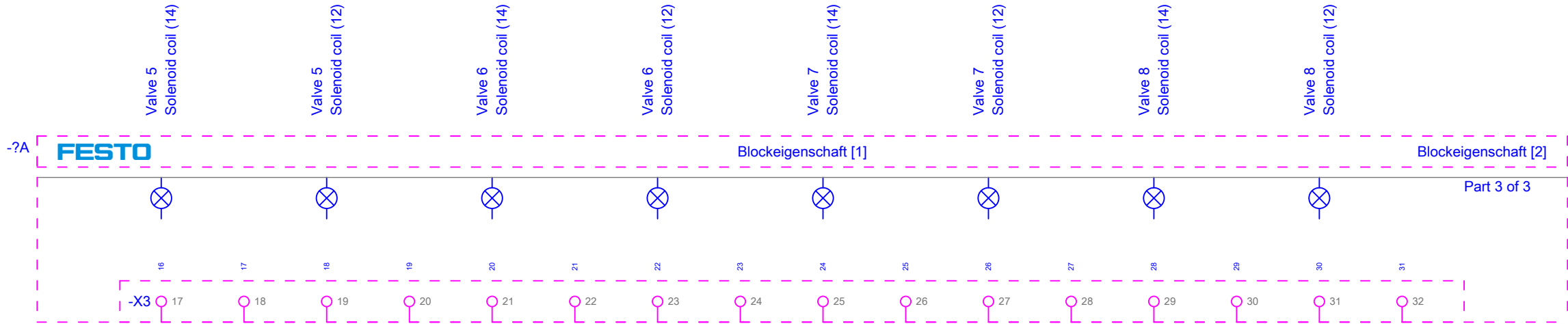
Blockeigenschaft [1]

Blockeigenschaft [2]

IN A3



Project status					Makroprojekt SC-DC		CPV1X-GE-CC-8	DE &CPV1X-GE-CC-8			
		Date	13.02.2013	= CPV							
		Edit by	18.06.2014	fstn				+ CPV1X-GE-			
		Appr.	F.Steinmaß								
Modification	Date	Name	Norm								
								Productionorder:		Pg	20
										Pg	50

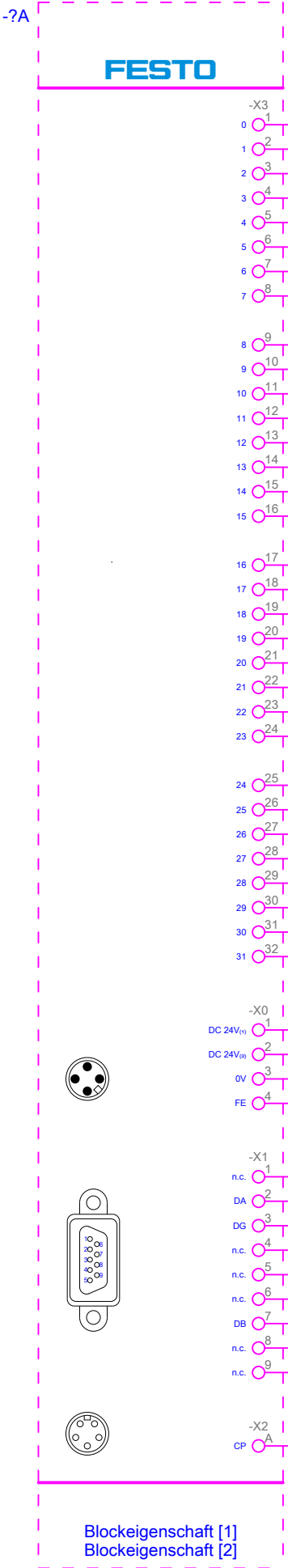


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Project status					Makroprojekt SC-DC		CPV1X-GE-CC-8	DE &CPV1X-GE-CC-8			
		Date	13.02.2013					= CPV			
		Edit by	31.03.2014 fstr					+ CPV1X-GE-			
		Appr.	F.Steinmaß							Pg	21
Modification	Date	Name	Norm					Productionorder:		Pg	50

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21



AS-Interface -
AS-Interface +

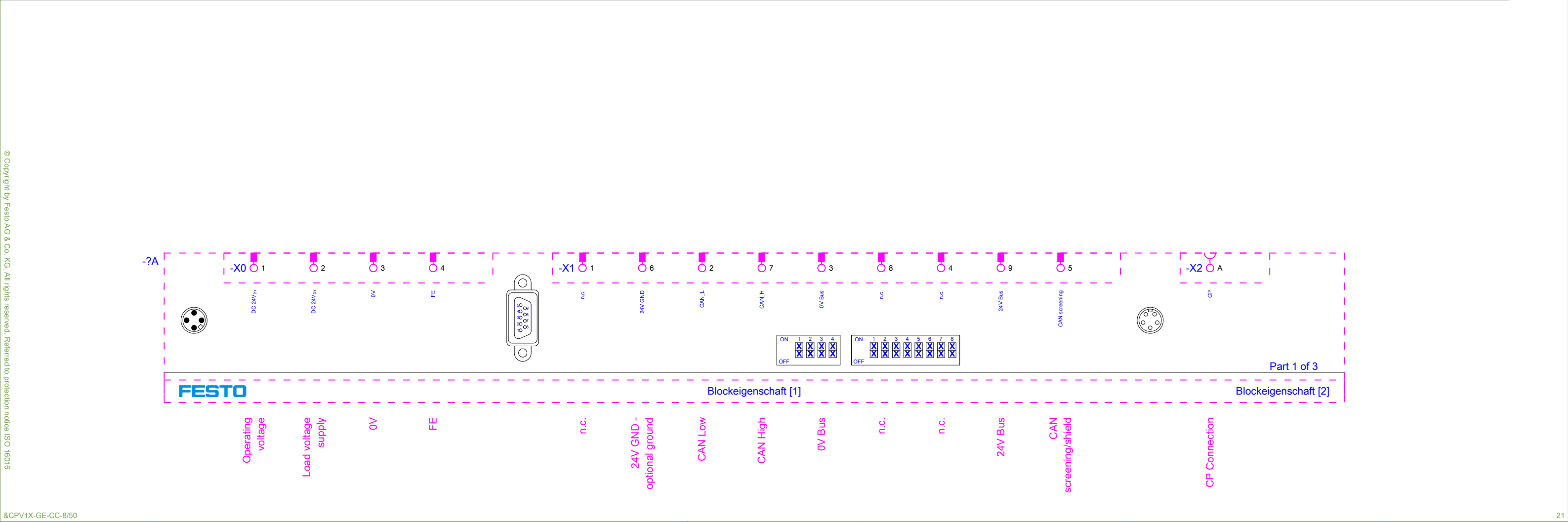
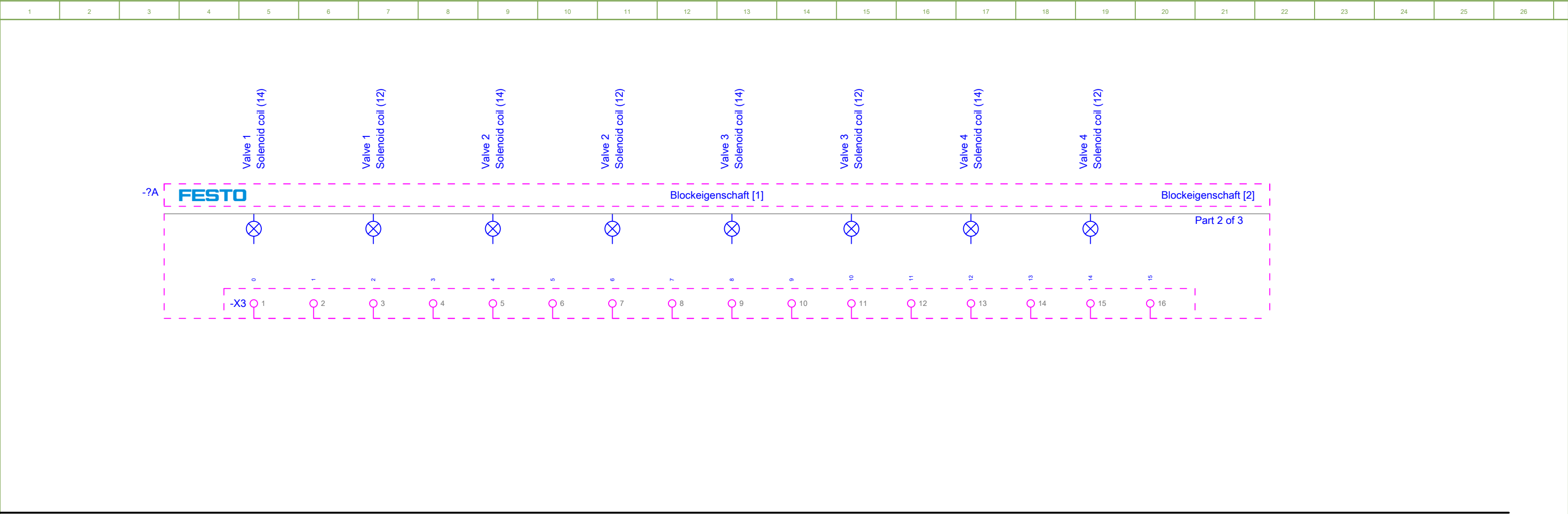
US+
US-
Input Ix+2

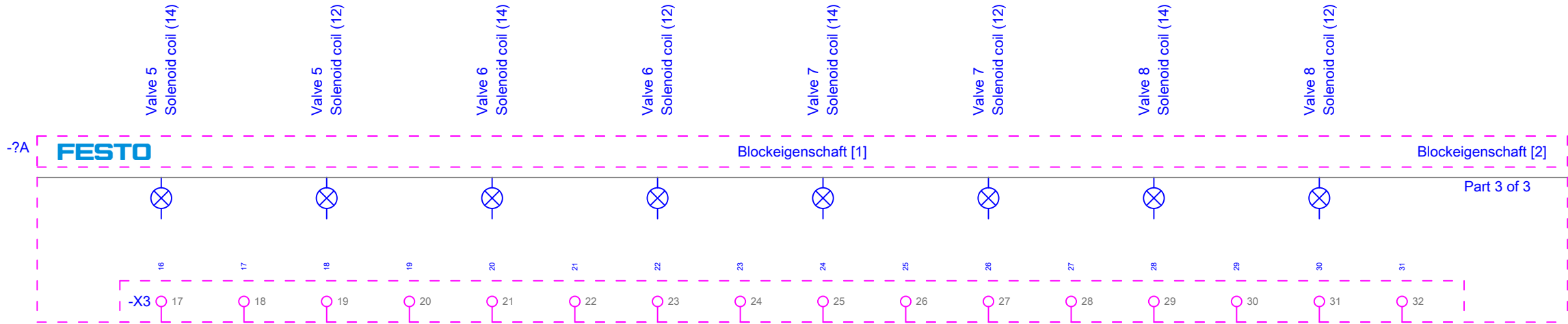
24V
0V
Input Ix+4

Operating voltage
Load voltage supply
0V
FE

n.c.
Data A
Data reference potential
n.c.
FE via RC element
n.c.
Data B
n.c.
n.c.

CP Connection





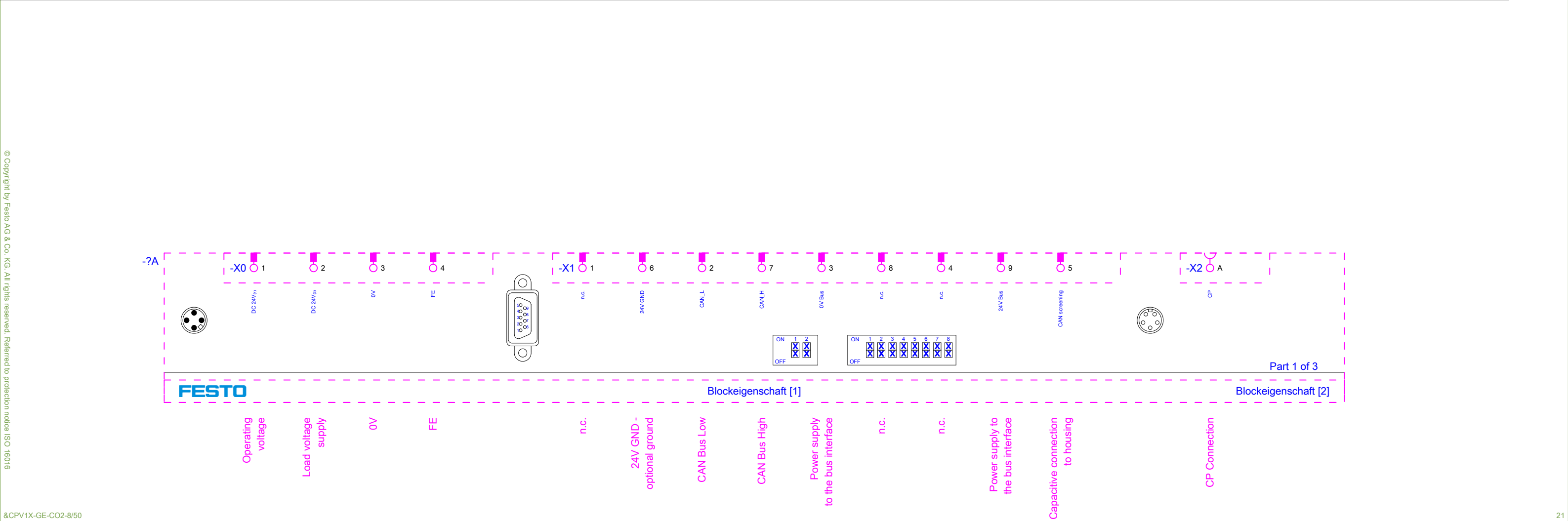
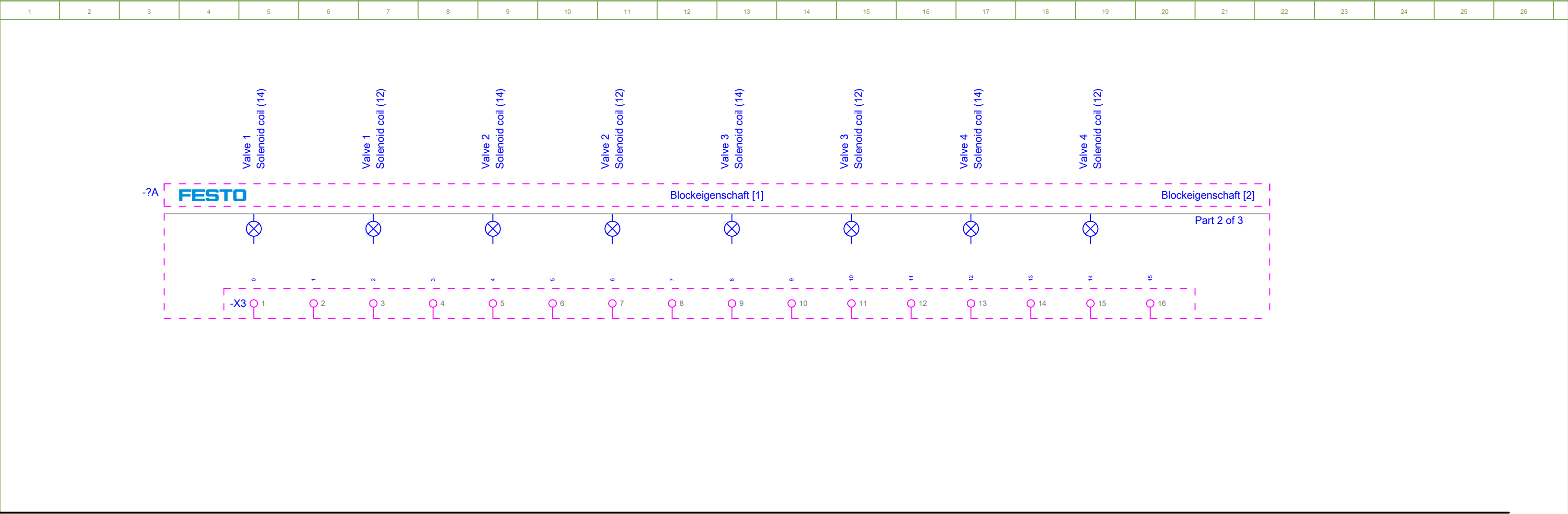
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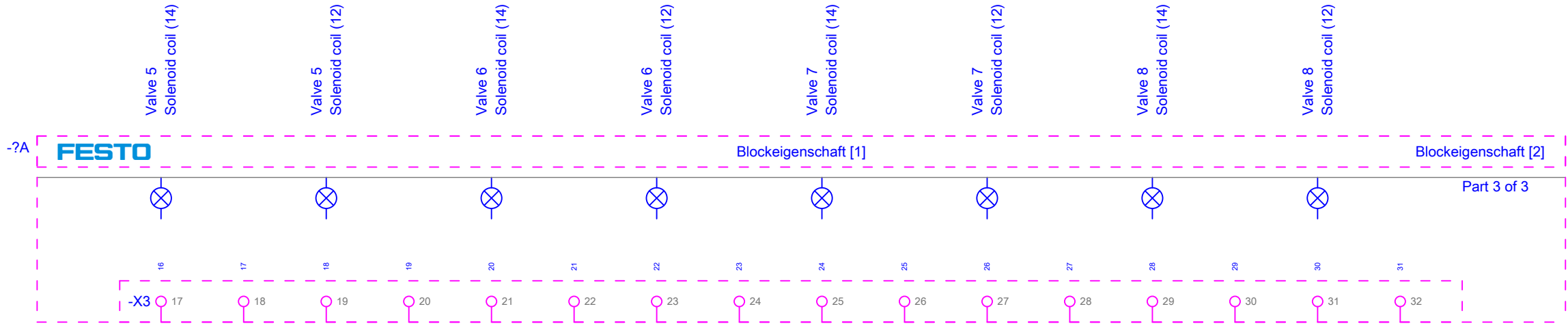
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21

&CPV1X-GE-CO3-8/20

IN A3

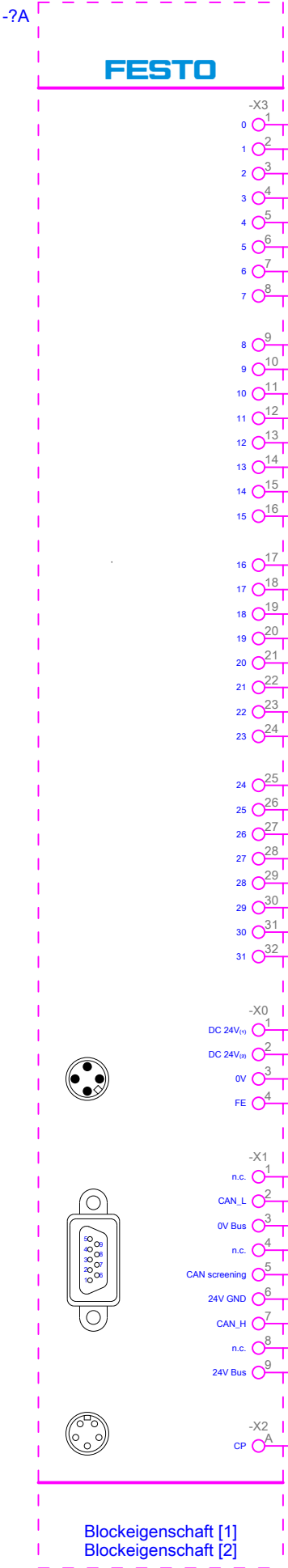




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21



AS-Interface -
AS-Interface +

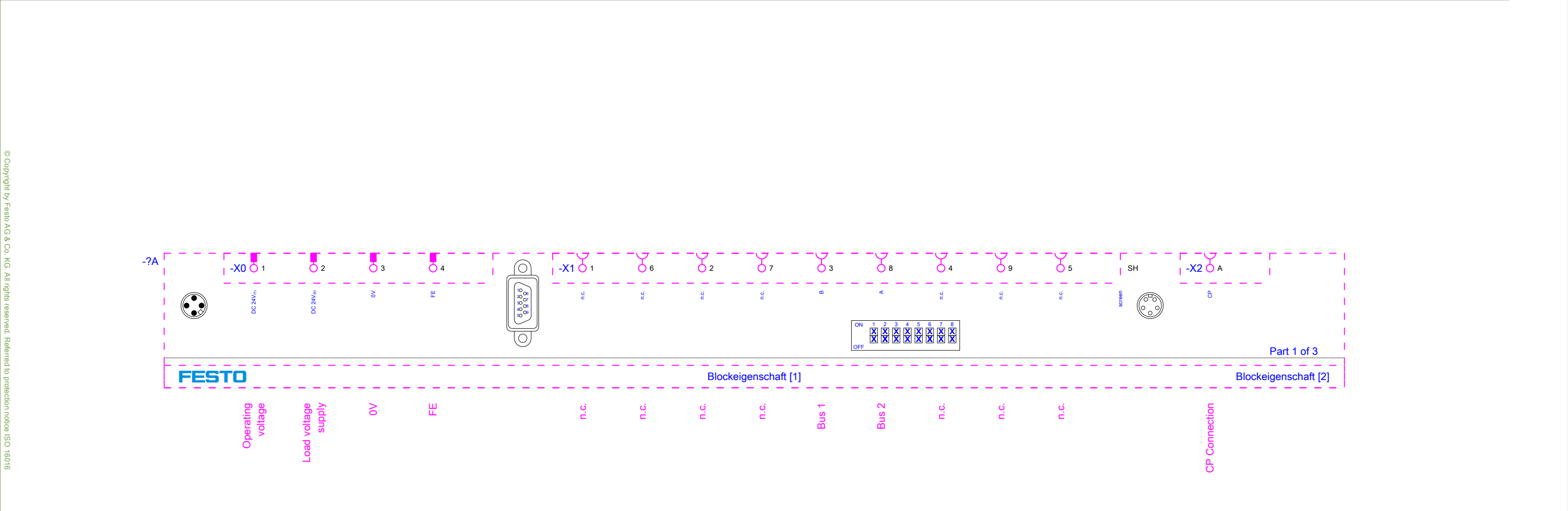
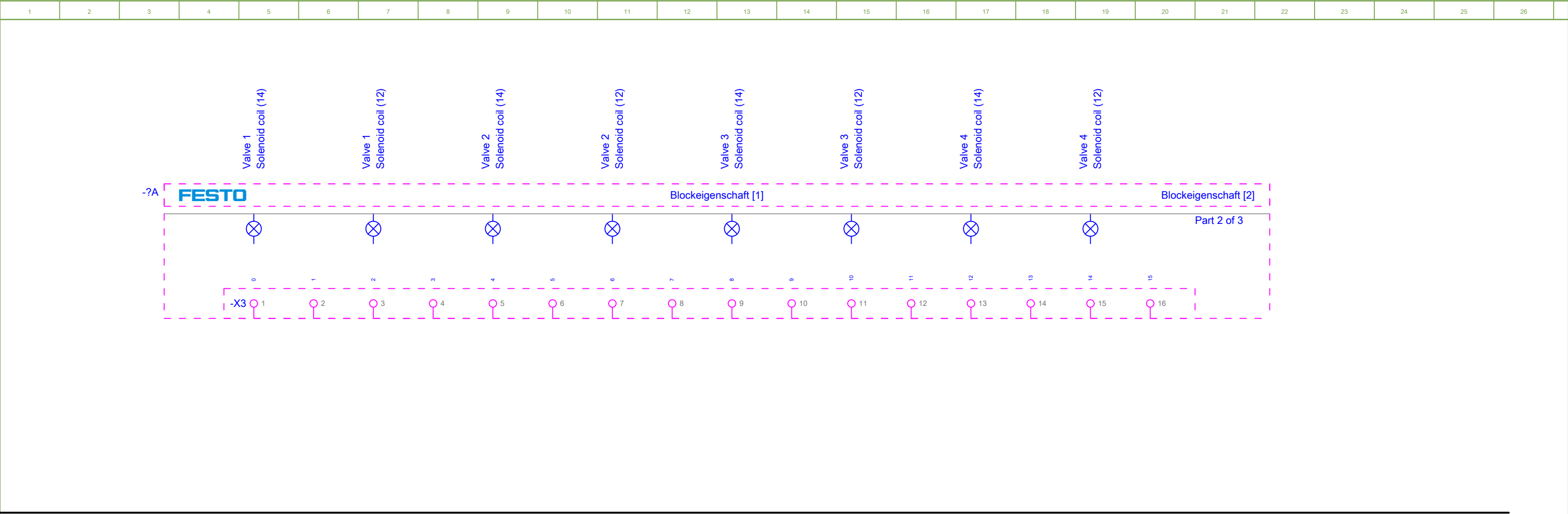
US+
US-
Input lx+2

24V
0V
Input lx+4

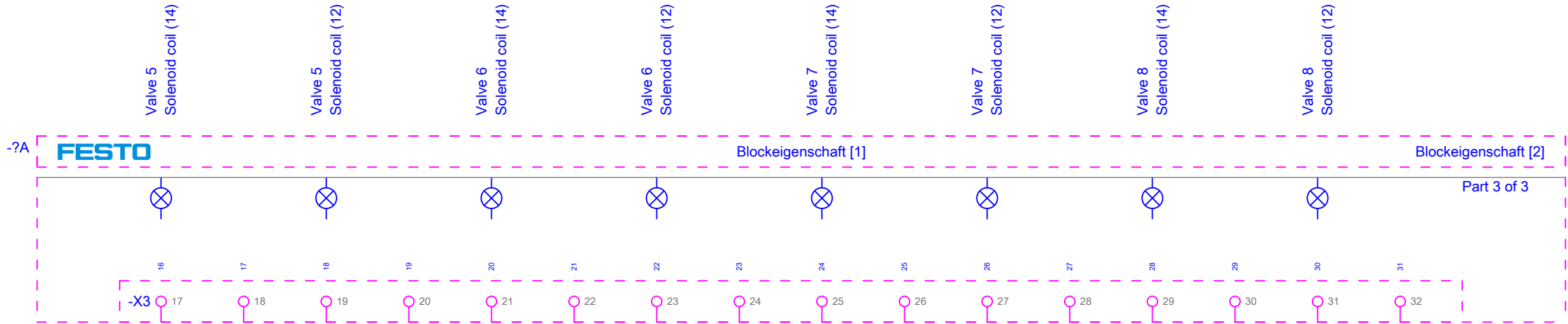
Operating voltage
Load voltage supply
0V
FE

AS-Interface -
AS-Interface +
Power supply to the bus interface
n.c.
Capacitive connection to housing
24V GND optional ground
CAN Bus High
n.c.
Power supply to the bus interface

CP Connection



Project status					Makroprojekt SC-DC		CPV1X-GE-CS02-8	DE &CPV1X-GE-CS02-8	
		Date	13.02.2013					= CPV	
		Edit by	18.06.2014 fstn					+ CPV1X-GE-	
		Appr.	F. Steinmaß						
Modification	Date	Name	Norm						
							Productionorder:		Pg 20
									Pg 50

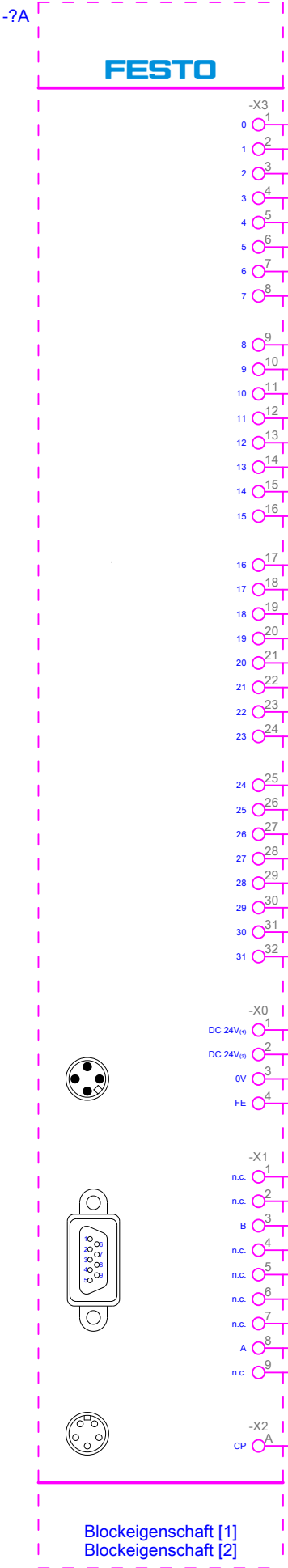


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21

&CPV1X-GE-DI01-8/20



AS-Interface -

AS-Interface +

US+

US-

Input lx+2

24V

0V

Input lx+4

Operating voltage

Load voltage supply

0V

FE

n.c.

Data A

Data reference potential

n.c.

FE via RC element

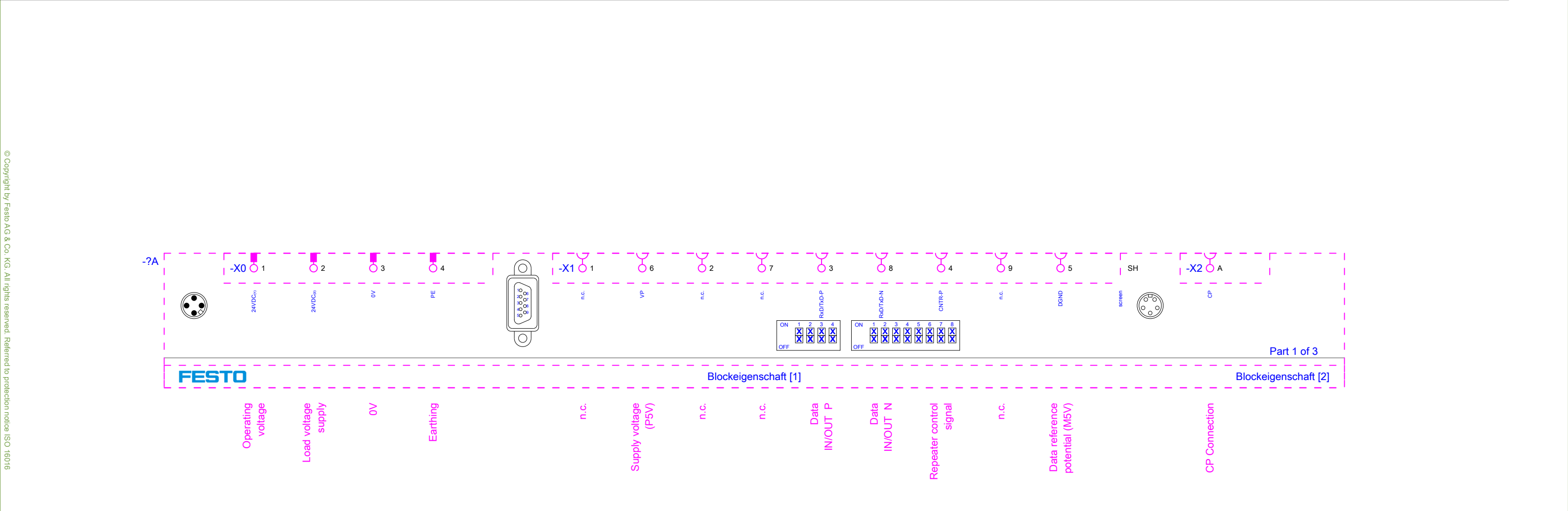
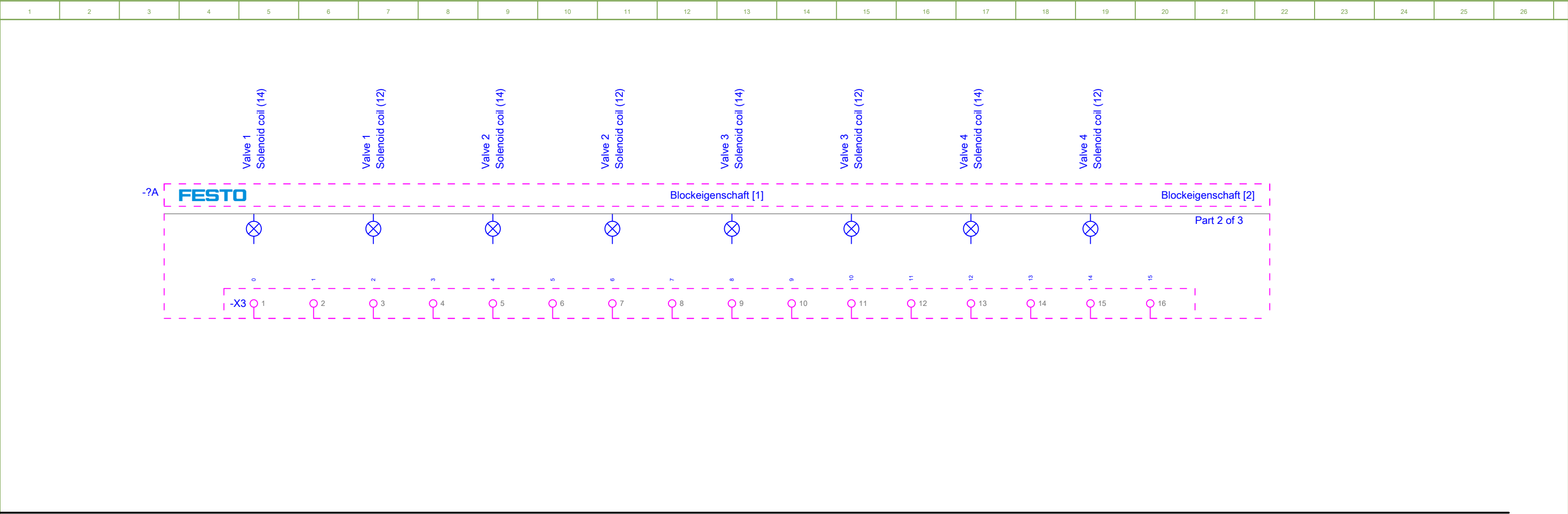
n.c.

Data B

n.c.

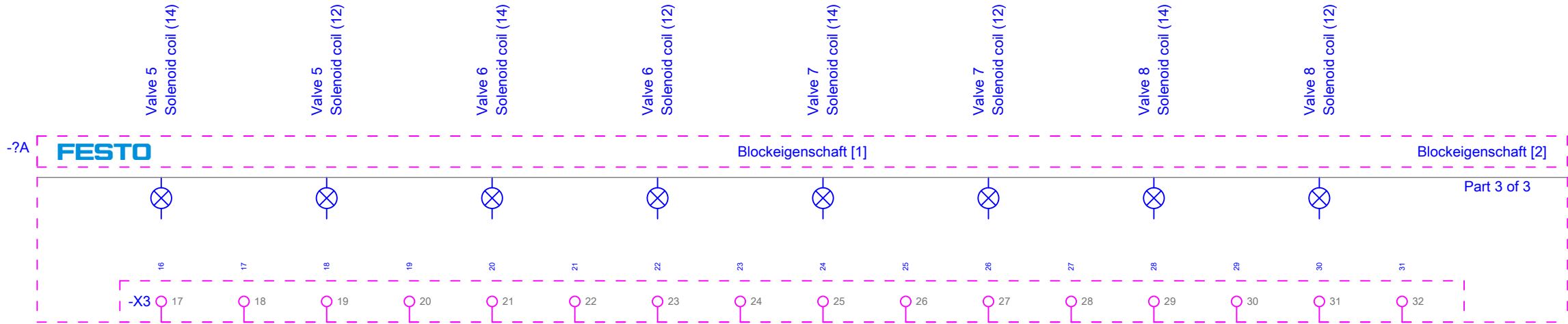
n.c.

CP Connection



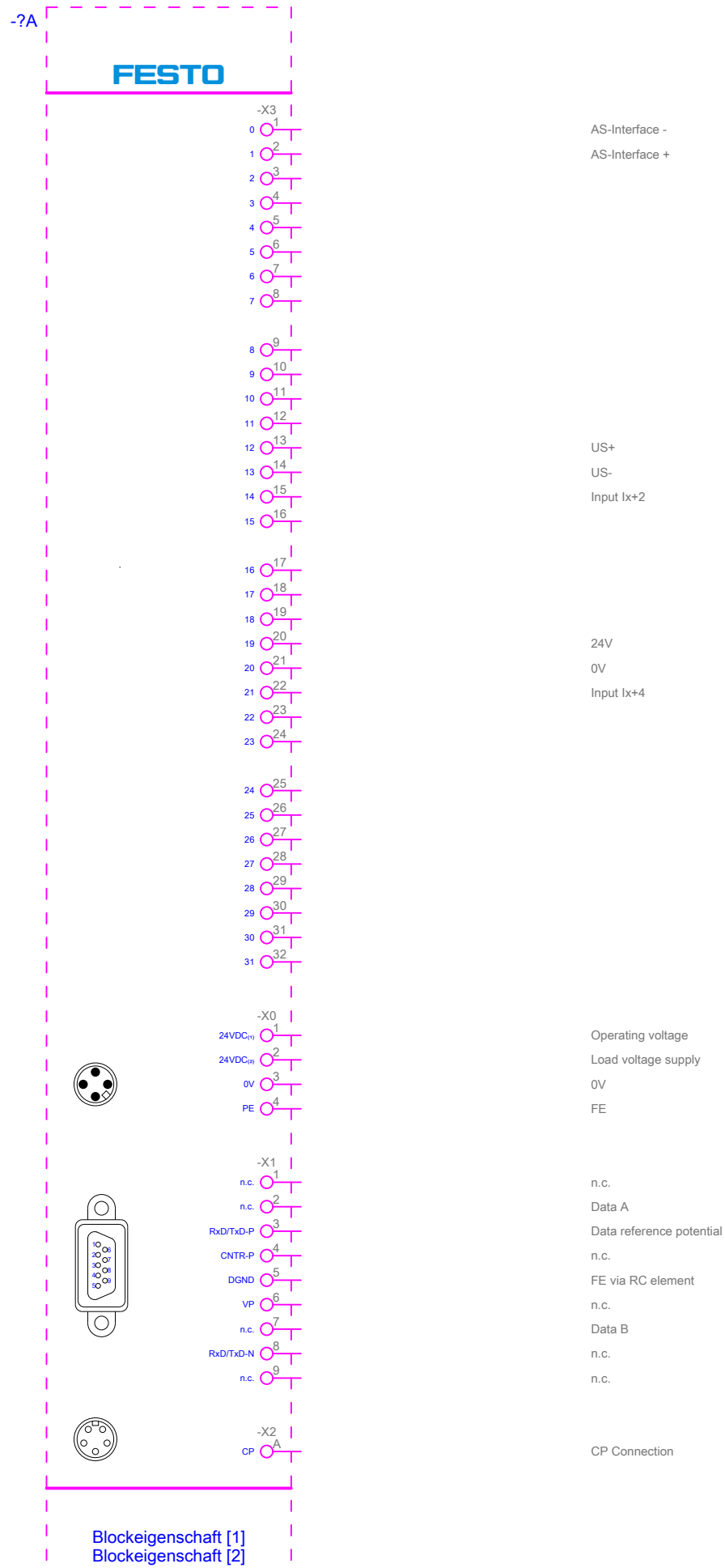
Project status					Makroprojekt SC-DC		CPV1X-GE-DI01-8	DE &CPV1X-GE-DI01-8	
		Date	13.02.2013					= CPV	
		Edit by	18.06.2014 fstn					+ CPV1X-GE-	
		Appr.	F. Steinmaß						
Modification	Date	Name	Norm						
							Productionorder:		Pg 20
									Pg 50

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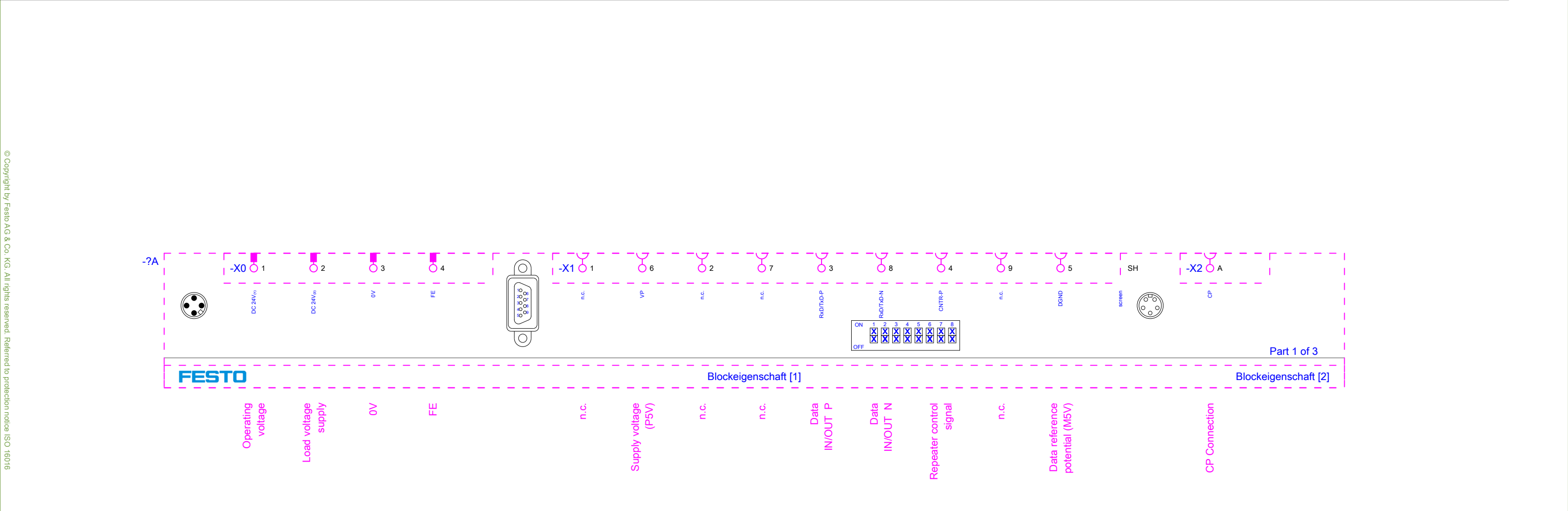
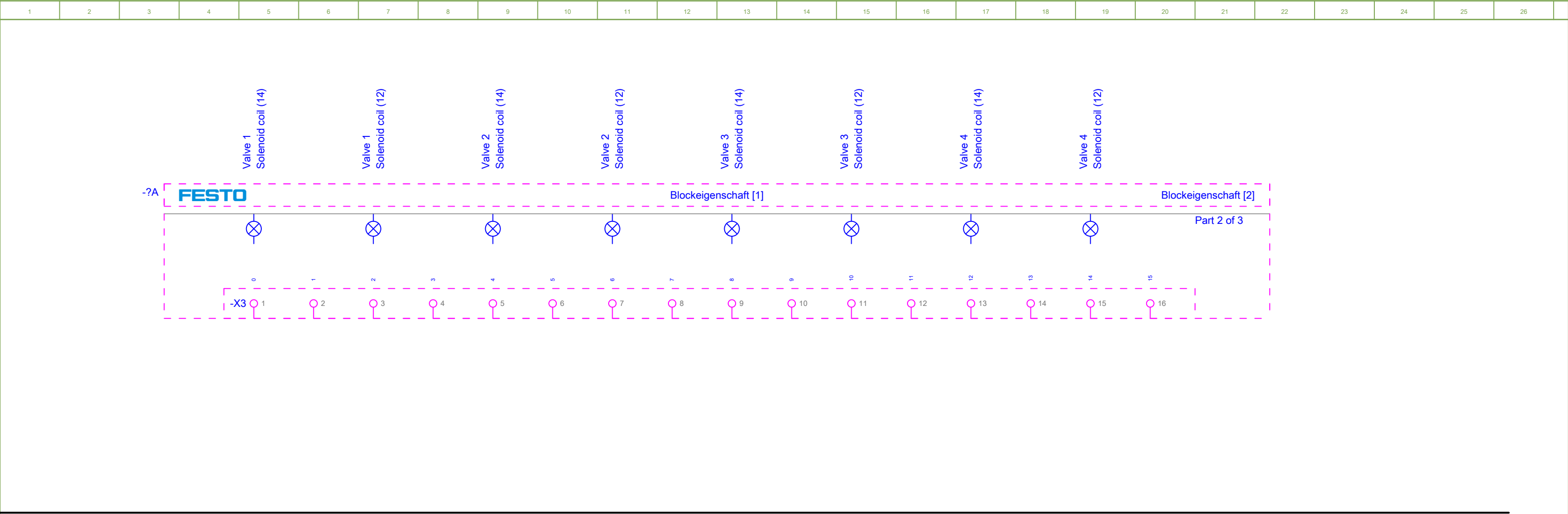


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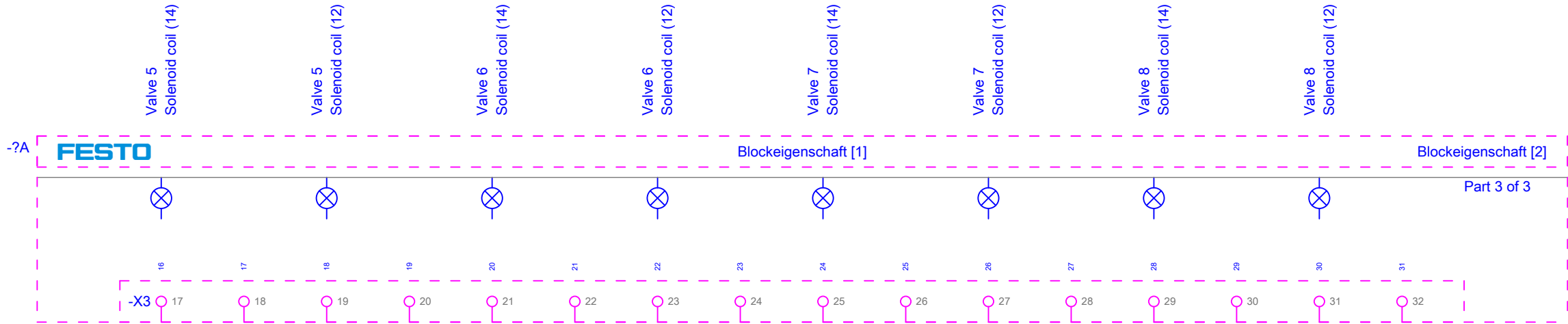


Project status					Makroprojekt SC-DC		CPV1X-GE-DI01-8	DE &CPV1X-GE-DI01-8	
		Date	13.02.2013					= CPV	
		Edit by	31.03.2014	fstn				+ CPV1X-GE-	
		Appr.	F.Steinmaß						
Modification	Date	Name	Norm					Productionorder:	Pg 50
							Pg 50		



Project status					Makroprojekt SC-DC		CPV1X-GE-DI02-8	DE &CPV1X-GE-DI02-8	
		Date	13.02.2013					= CPV	
		Edit by	18.06.2014 fstn					+ CPV1X-GE-	
		Appr.	F. Steinmaß						
Modification	Date	Name	Norm					Productionorder:	Pg 20
									Pg 50

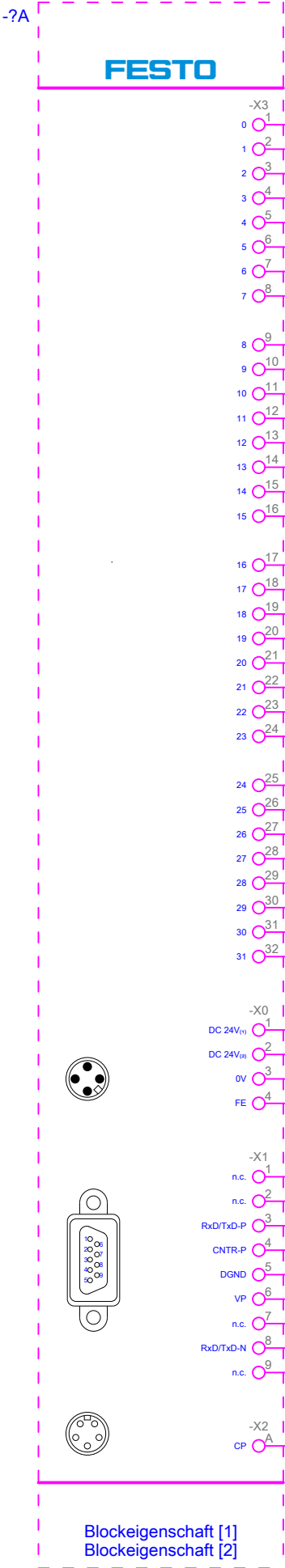
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AS-Interface -
AS-Interface +

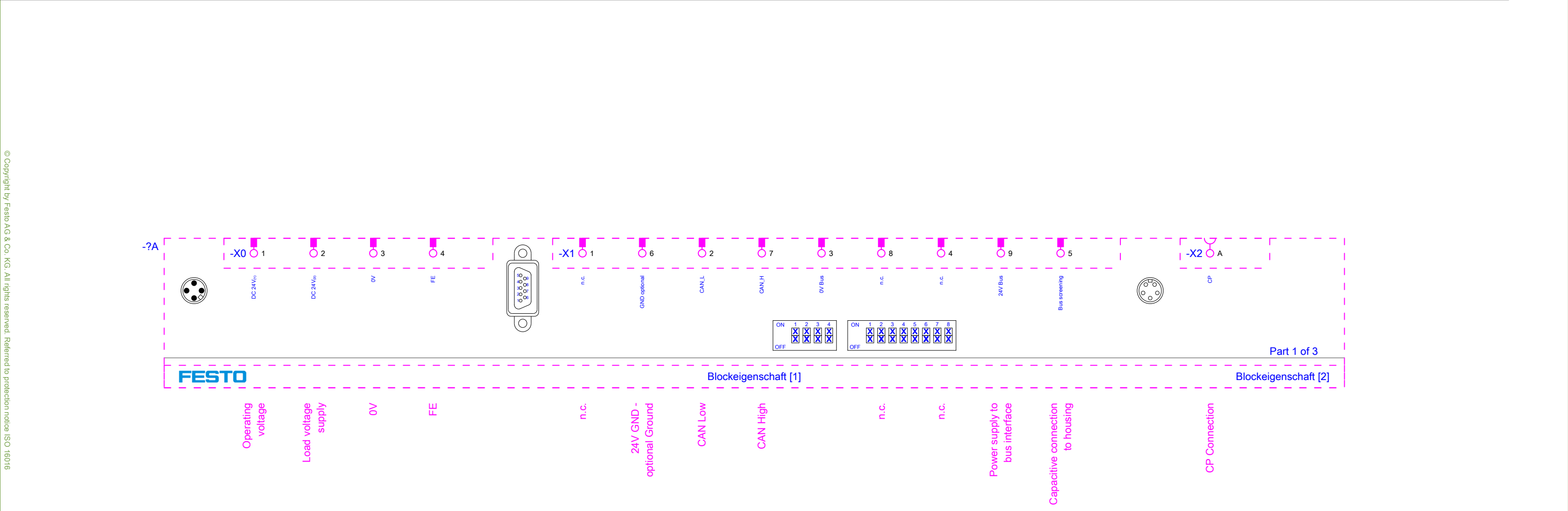
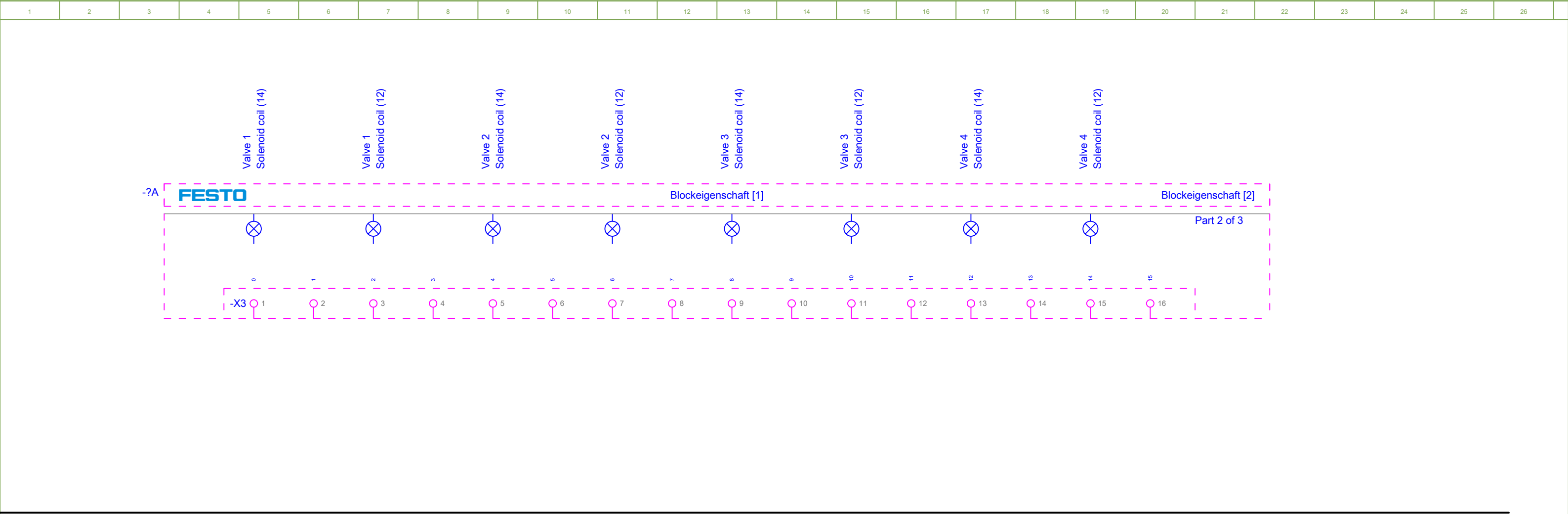
US+
US-
Input lx+2

24V
0V
Input lx+4

Operating voltage
Load voltage supply
0V
FE

n.c.
Data A
Data reference potential
n.c.
FE via RC element
n.c.
Data B
n.c.
n.c.

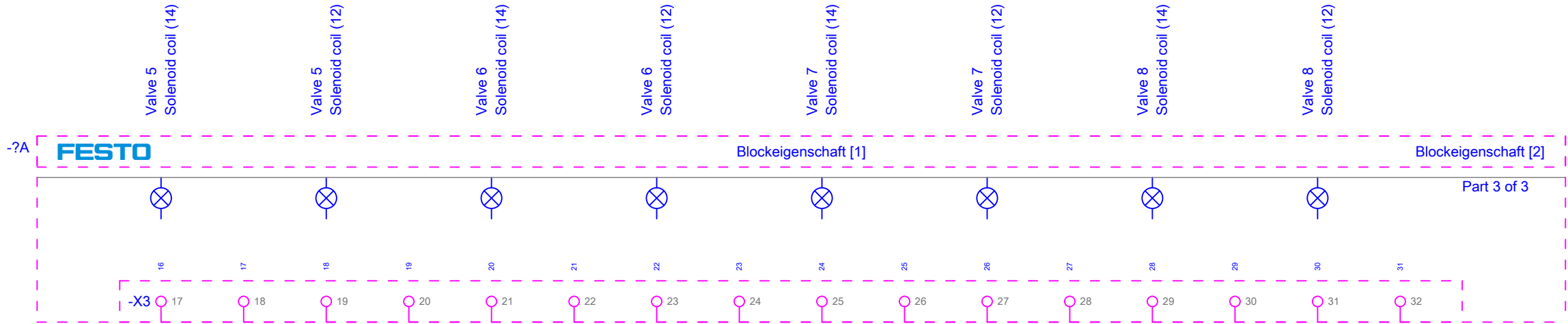
CP Connection



&CPV1X-GE-DI02-8/50 21

Project status					Makroprojekt SC-DC		CPV1X-GE-DN2-8	DE &CPV1X-GE-DN2-8	
		Date	13.02.2013					= CPV	
		Edit by	18.06.2014 fstn					+ CPV1X-GE-	
		Appr.	F. Steinmaß						
Modification	Date	Name	Norm						
							Productionorder:		Pg 20
									Pg 50

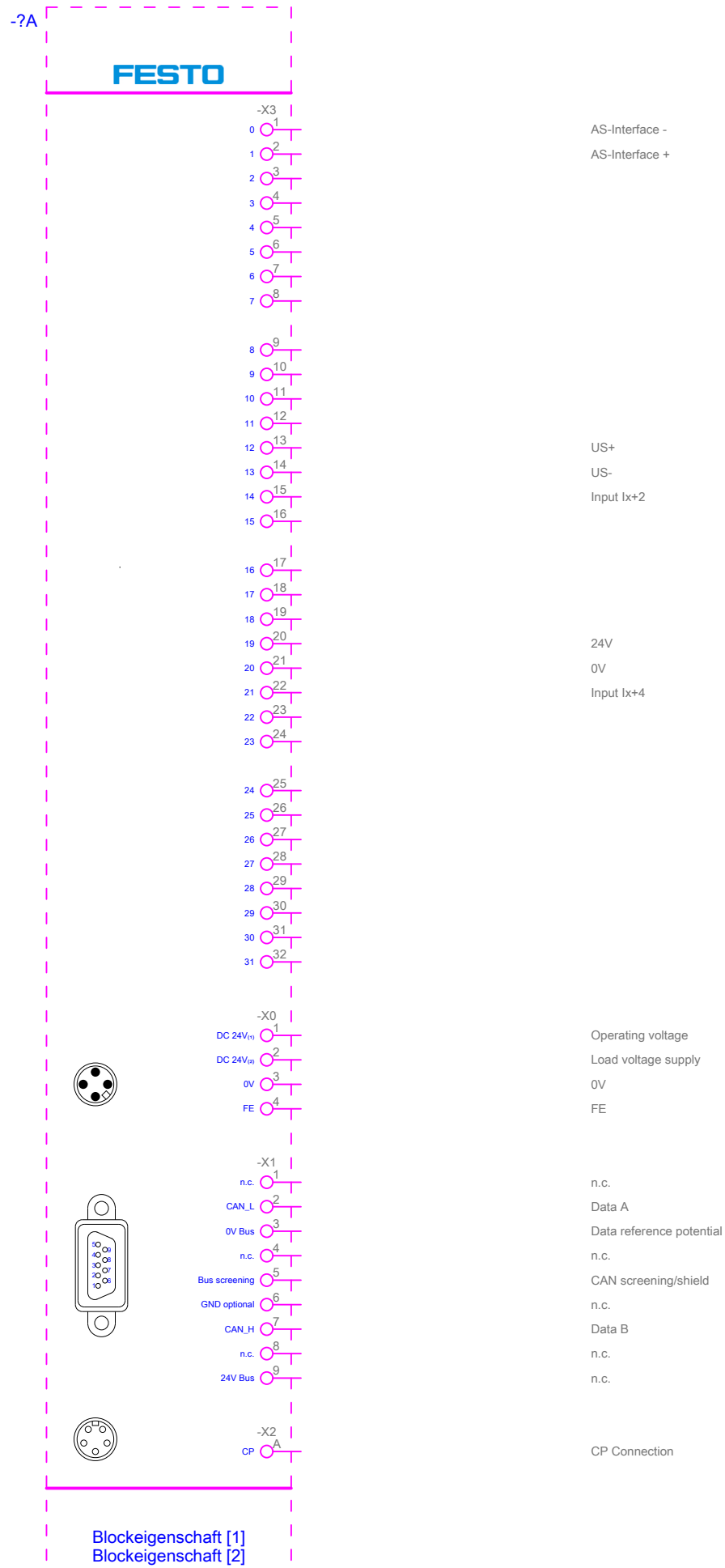
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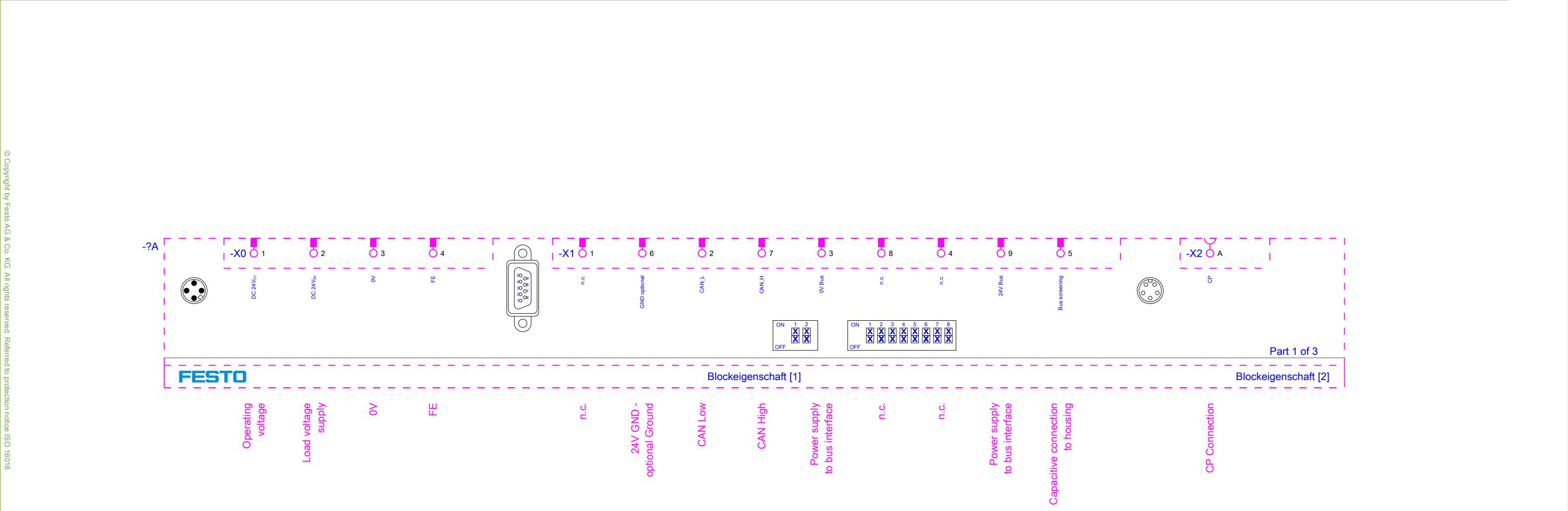
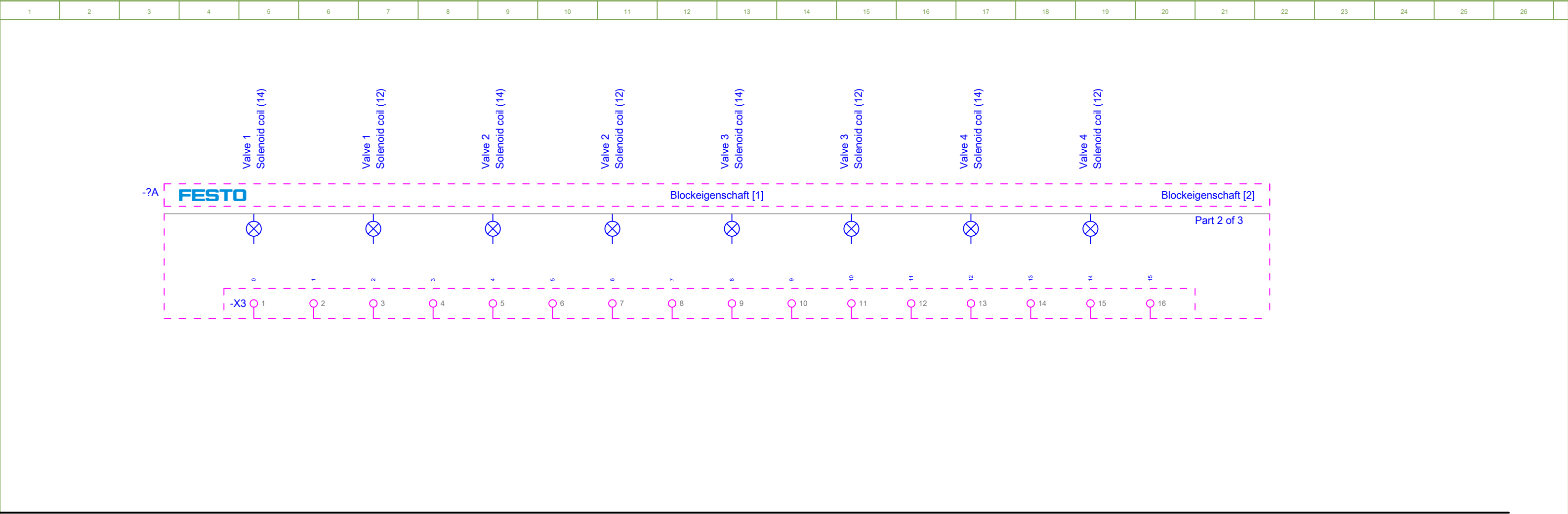
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Project status					Makroprojekt SC-DC		CPV1X-GE-DN2-8	DE &CPV1X-GE-DN2-8			
		Date	13.02.2013					= CPV			
		Edit by	31.03.2014 fstr					+ CPV1X-GE-			
		Appr.	F.Steinmaß							Pg	21
Modification	Date	Name	Norm					Productionorder:		Pg	50

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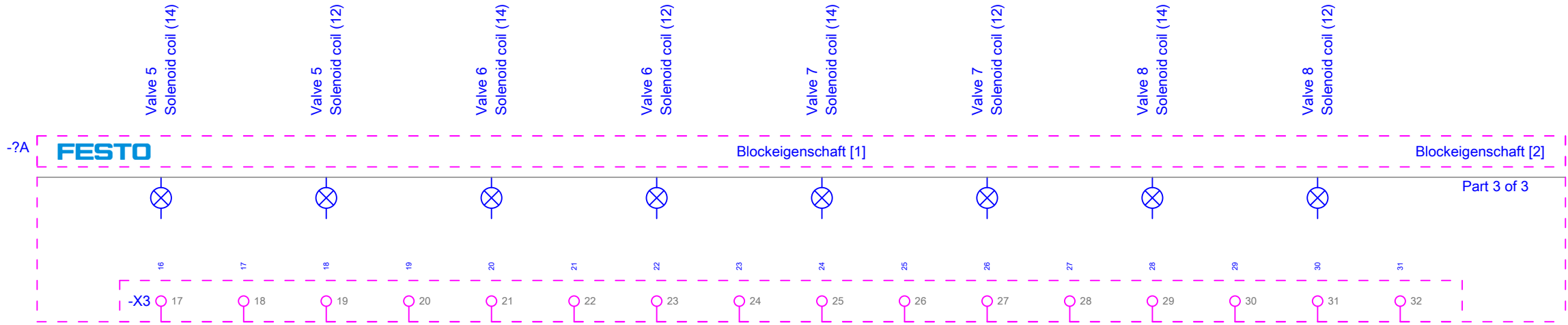


Project status				Makroprojekt SC-DC		CPV1X-GE-DN2-8	DE &CPV1X-GE-DN2-8		
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		Edit by	31.03.2014					+ CPV1X-GE-	
		Appr.	F.Steinmaß						
Modification	Date	Name	Norm				Productionorder:		Pg
						Pg	50		



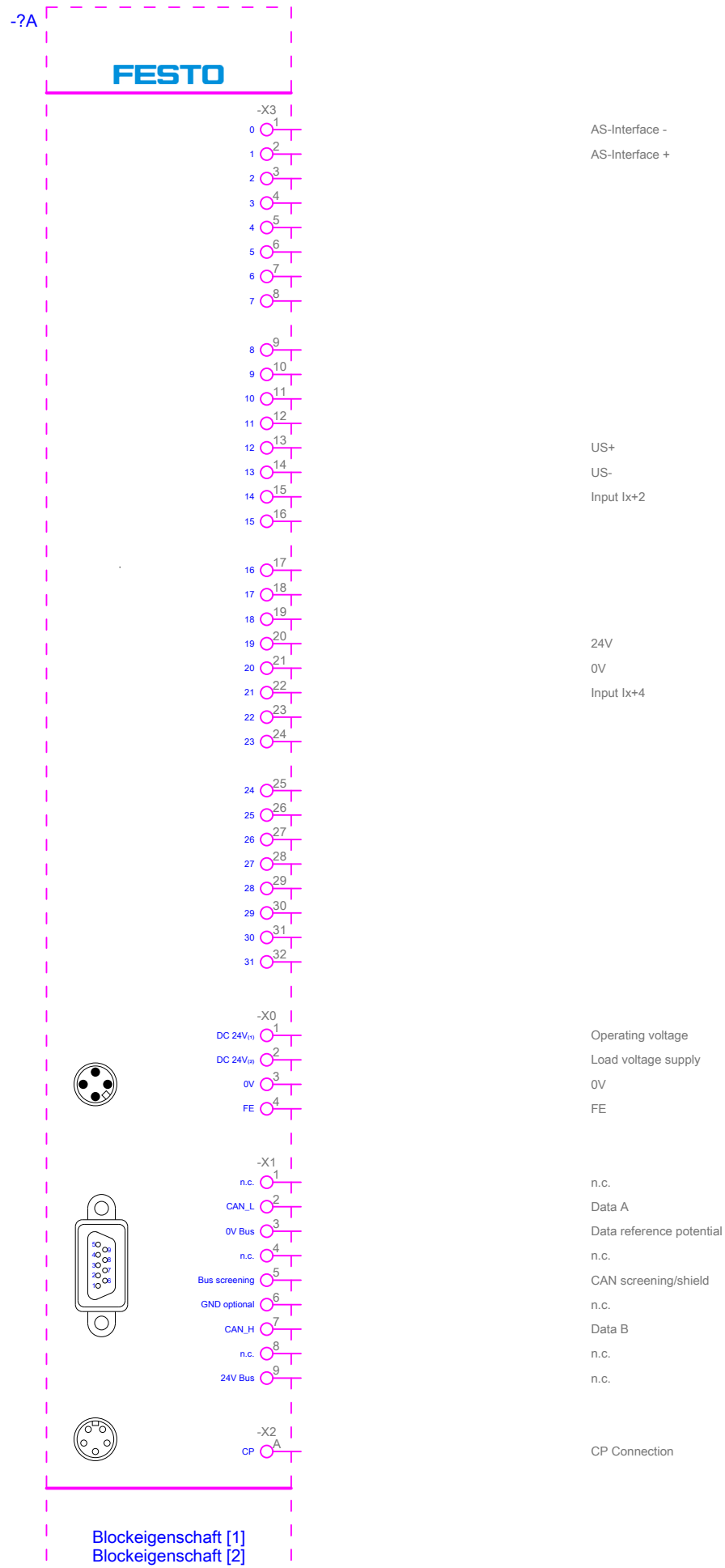
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		Edit by	18.06.2014	fstn			+ CPV1X-GE-			
		Appr.	F.Steinmaß							
Modification	Date	Name	Norm				Productionorder:		Pg	20
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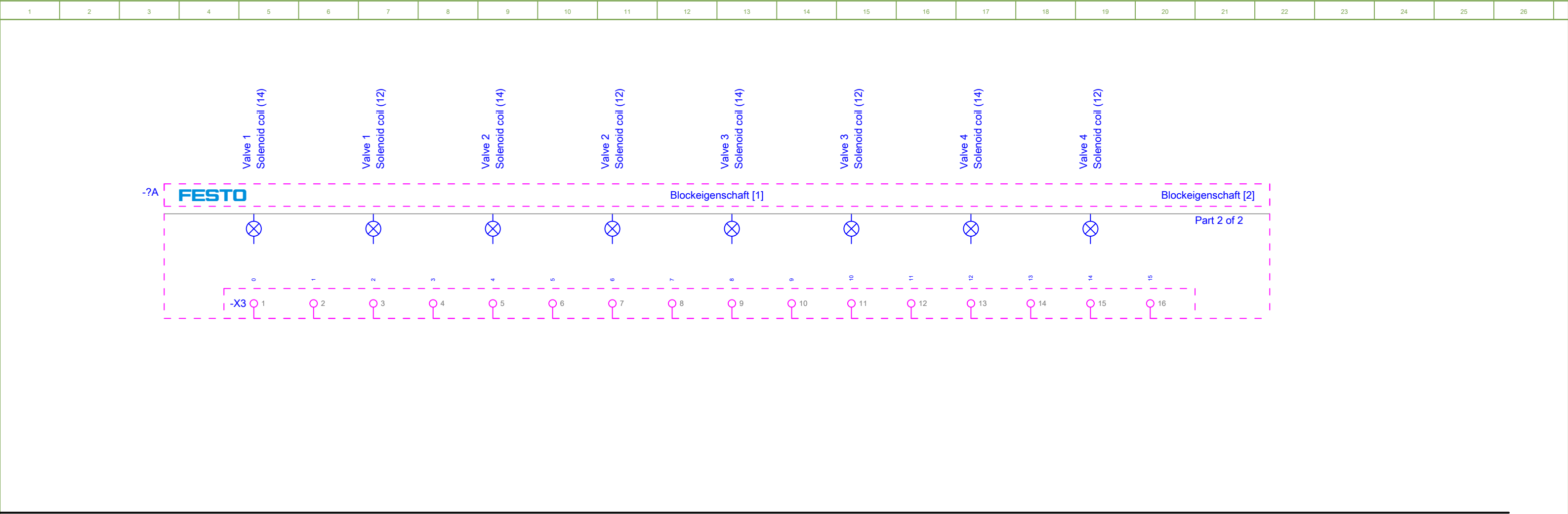
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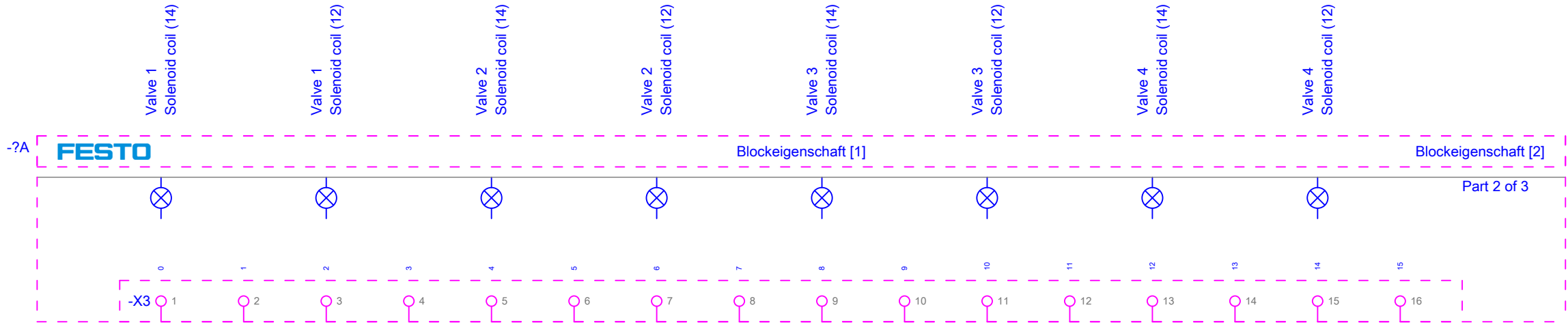


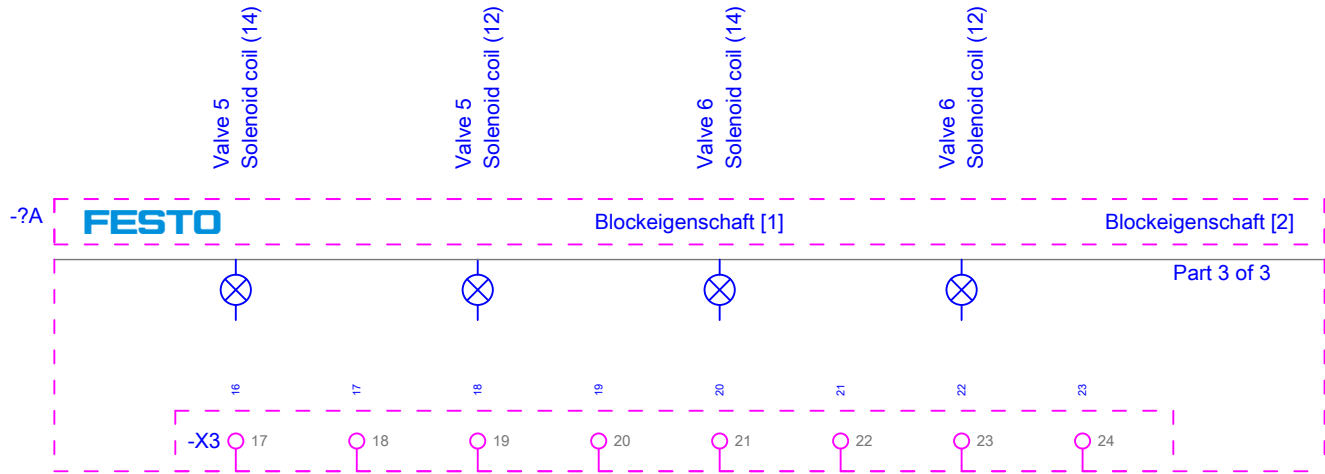
&CPV1X-GE-DN3-8/50 50

Project status					Makroprojekt SC-DC		CPV1X-GE-FB-4	DE &CPV1X-GE-FB-4			
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		Edit by	18.06.2014 fstr					+ CPV1X-GE-			
		Appr.	F. Steinmaß								
Modification	Date	Name	Norm								
								Pg 20			
								Pg 50			

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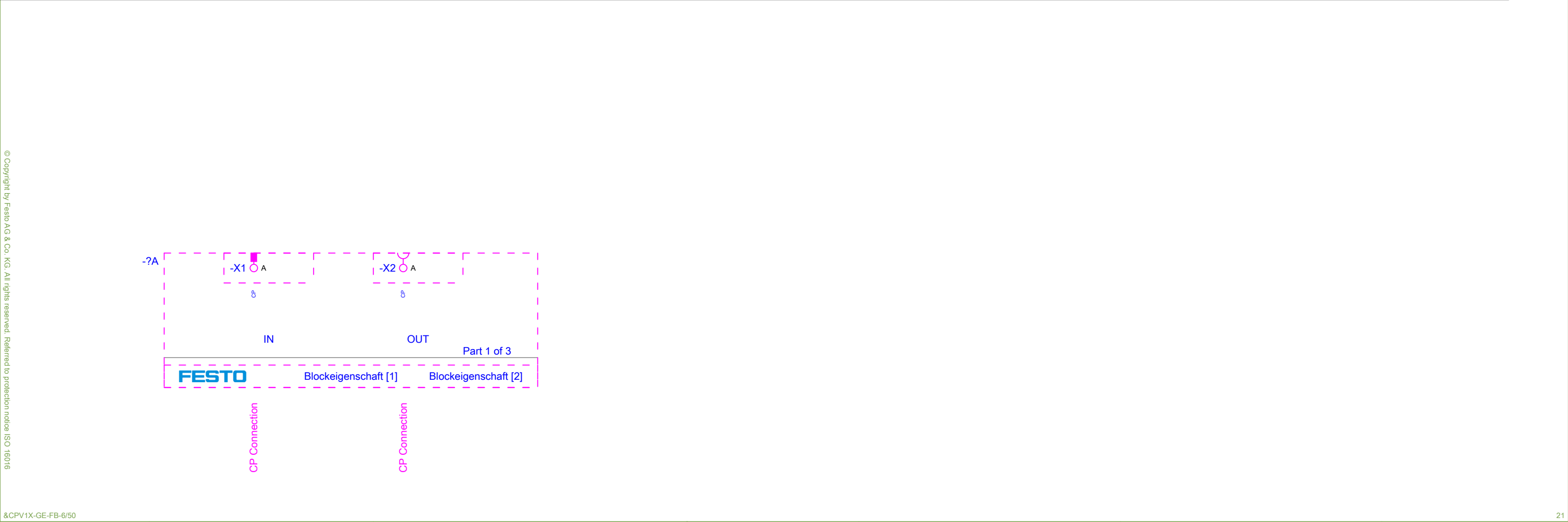
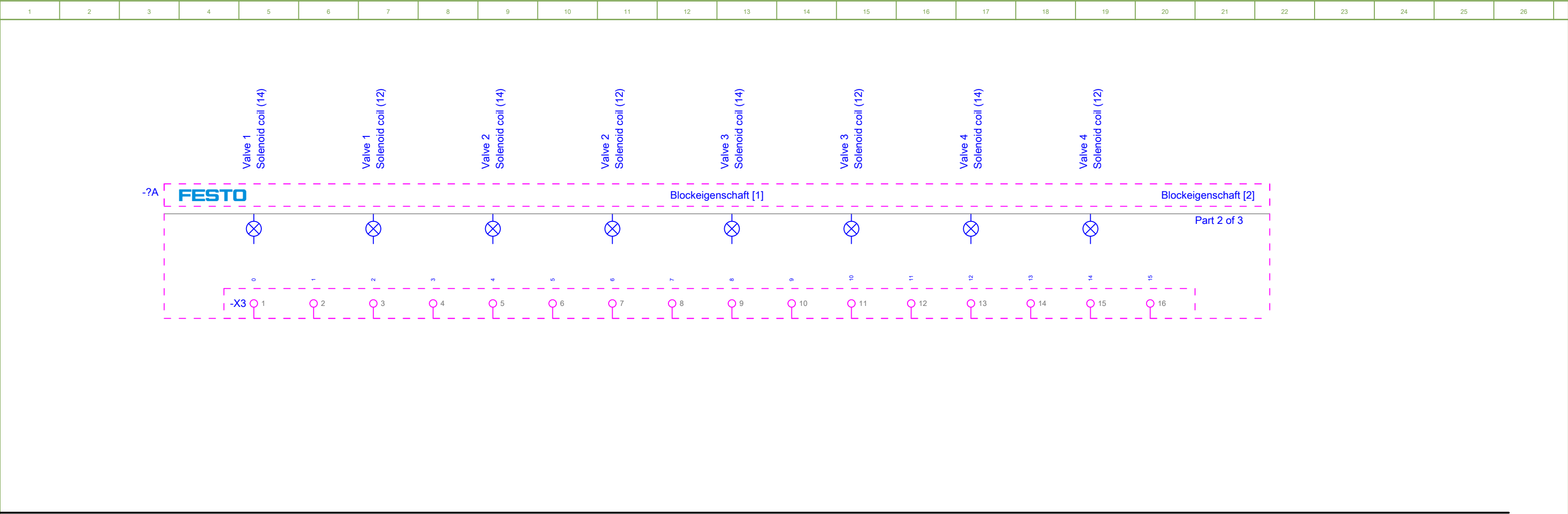
IN A3





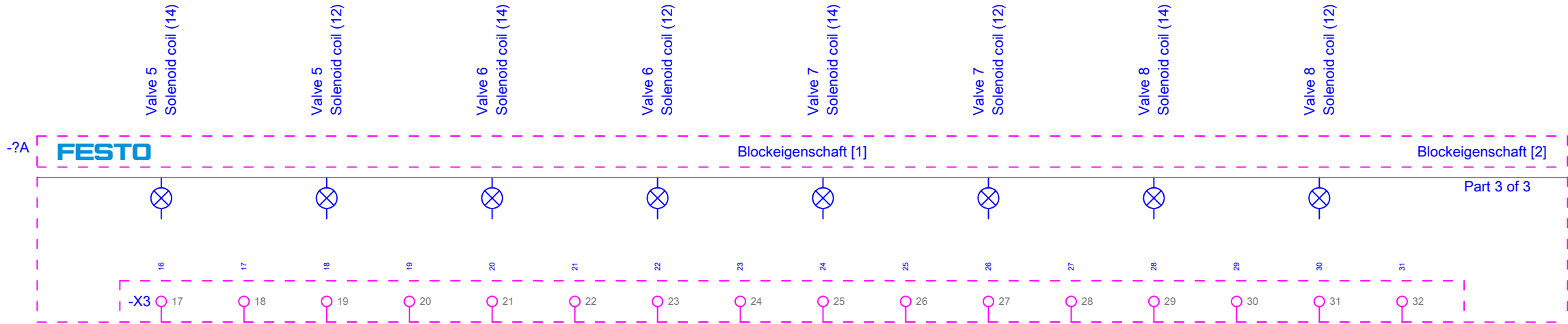
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Project status					Makroprojekt SC-DC		CPV1X-GE-FB-6	DE &CPV1X-GE-FB-6			
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			Edit by	18.06.2014				+ CPV1X-GE-			
			Appr.	F.Steinmaß							
Modification	Date	Name	Norm					Productionorder:		Pg	21
								Pg	50		



Project status					Makroprojekt SC-DC		CPV1X-GE-FB-8	DE &CPV1X-GE-FB-8			
		Date	13.02.2013					= CPV			
		Edit by	18.06.2014 fstn					+ CPV1X-GE-			
		Appr.	F. Steinmaß								
Modification	Date	Name	Norm								
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										Pg	50

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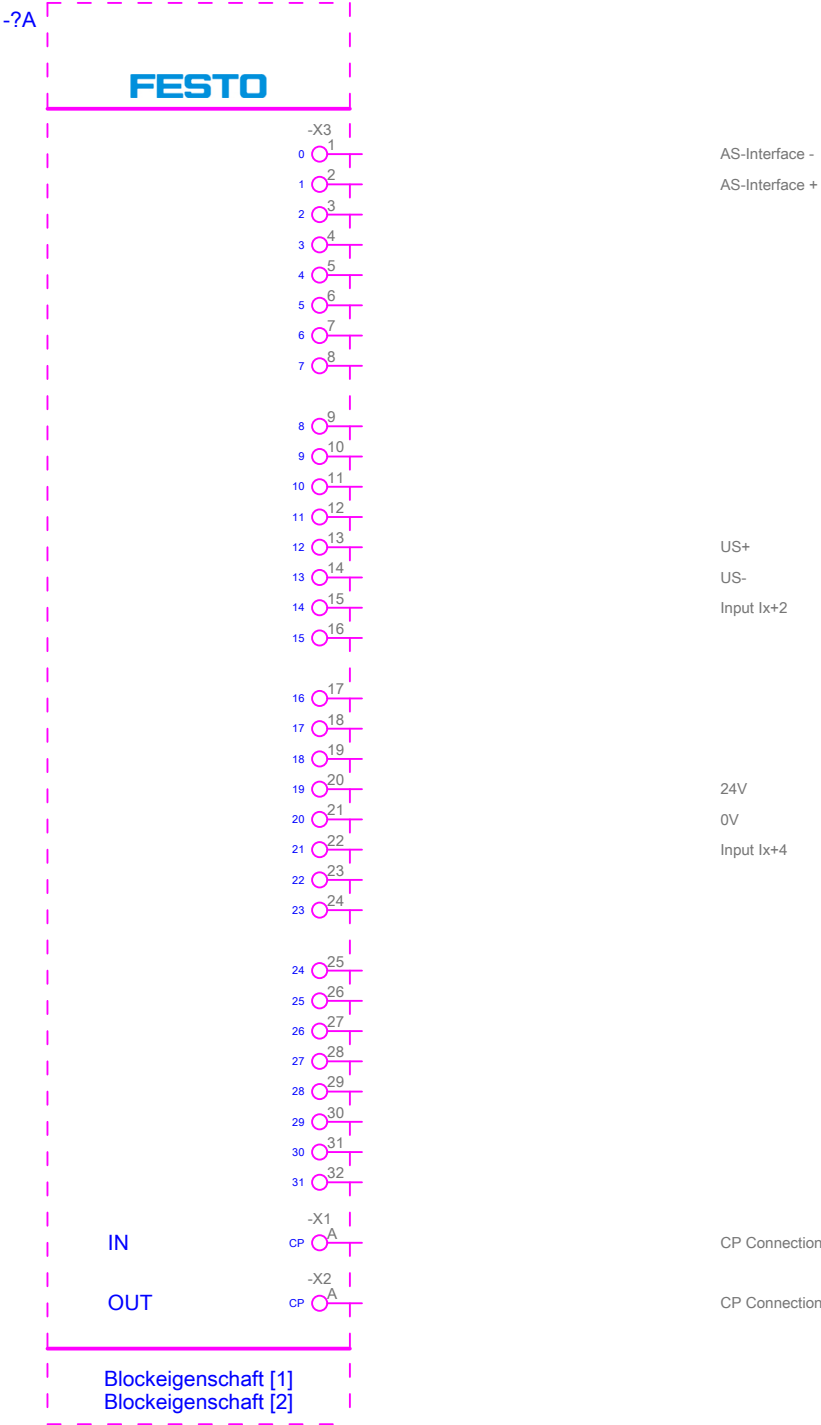
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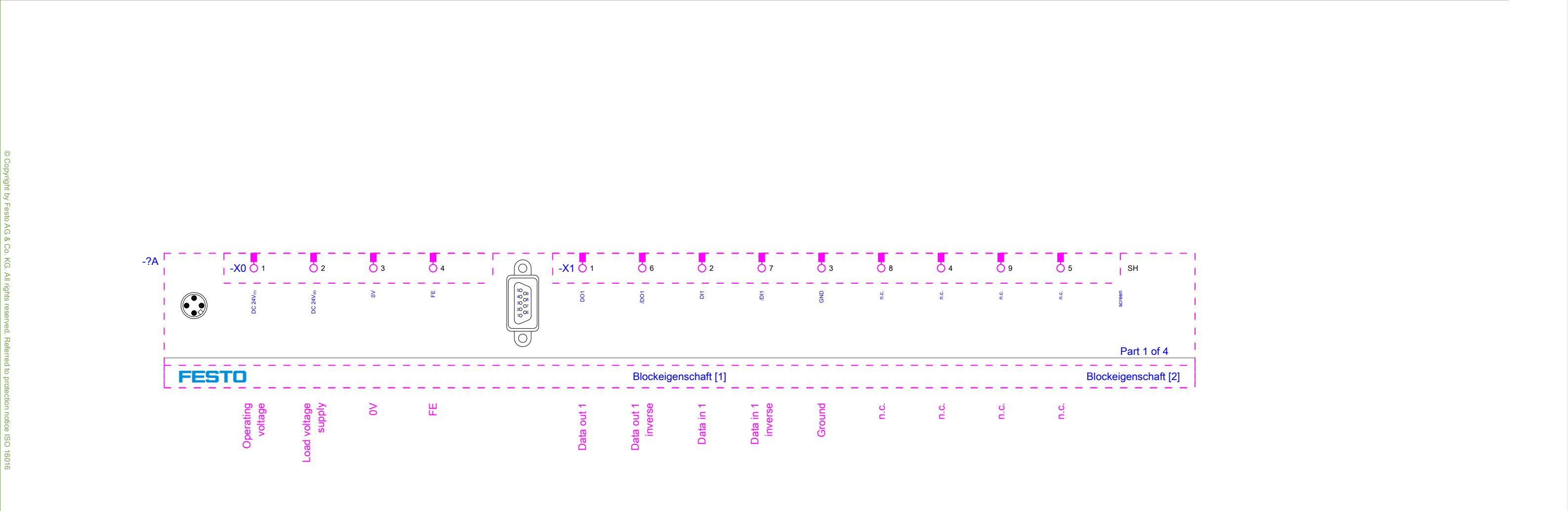
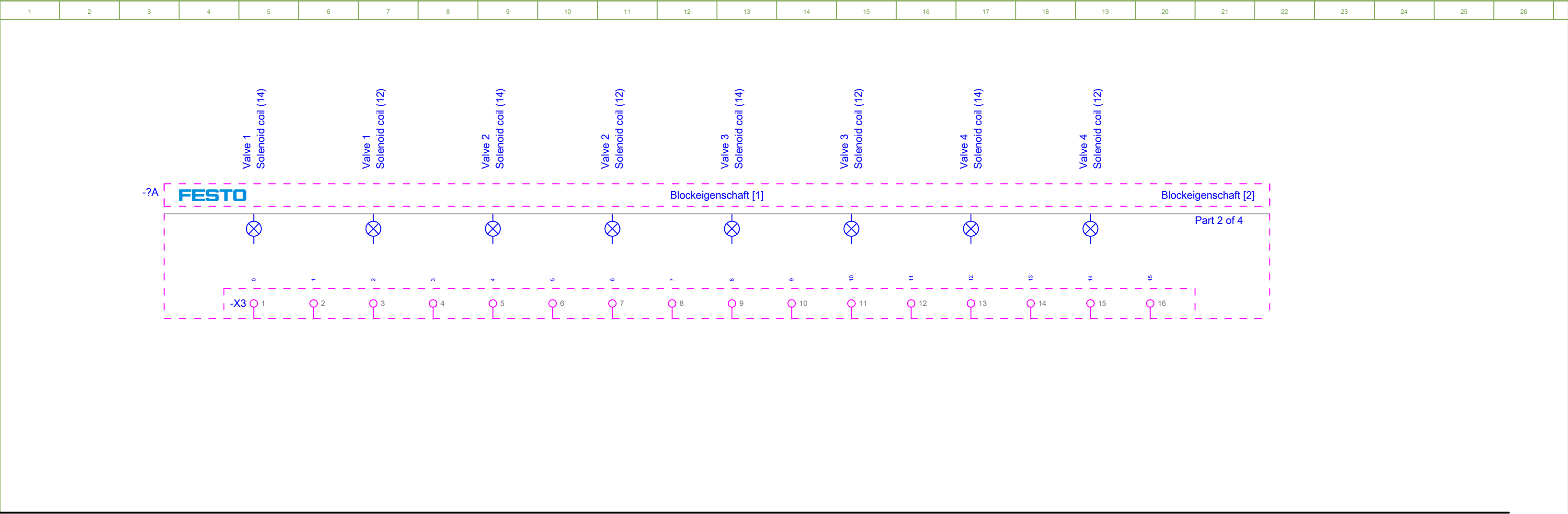
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21

&CPV1X-GE-IB-8/20

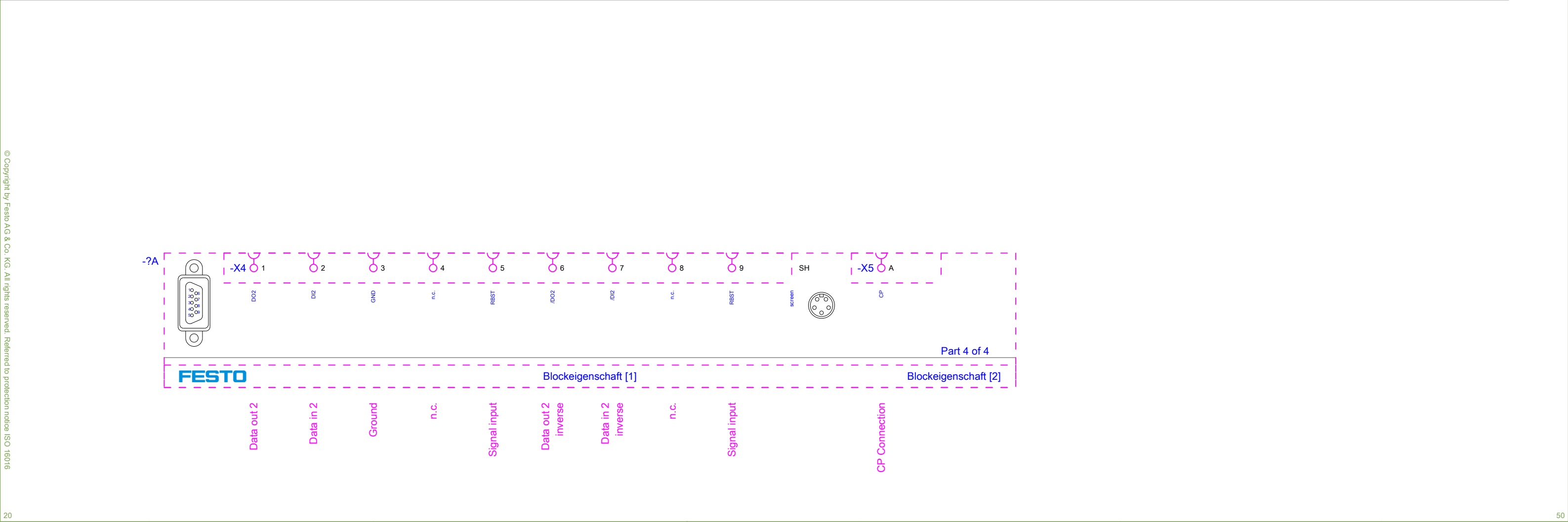
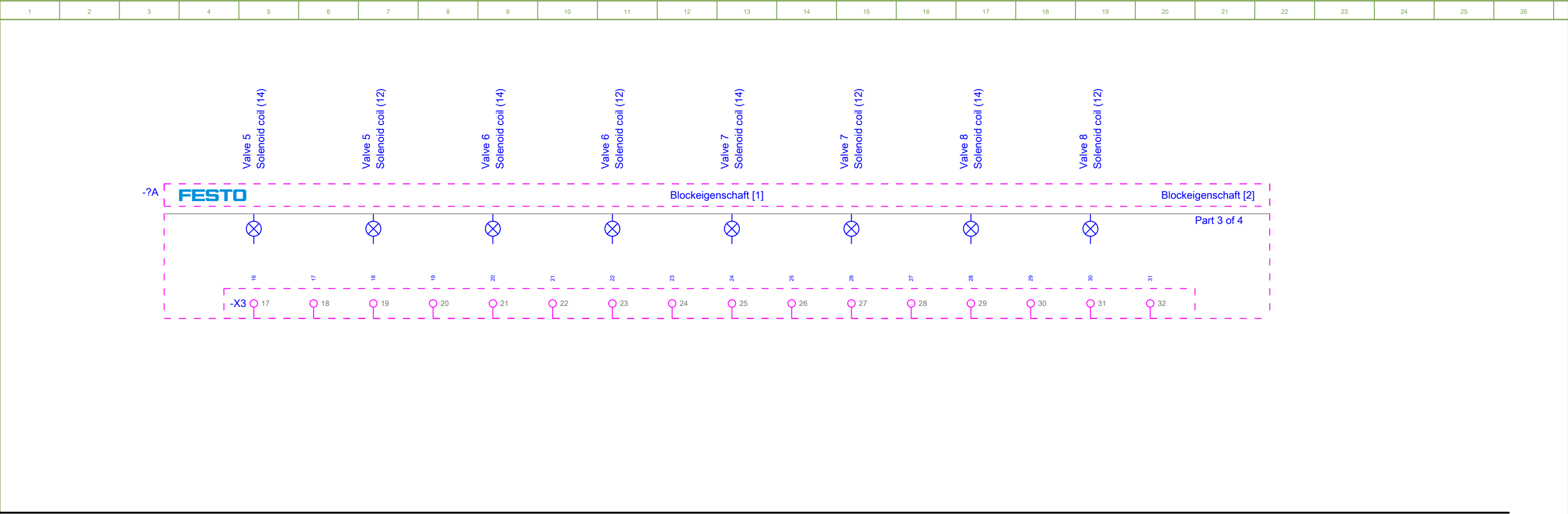
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			Edit by	31.03.2014				+ CPV1X-GE-			
			Appr.	F.Steinmaß							
Modification	Date	Name	Norm					Productionorder:		Pg	50
								Pg	50		



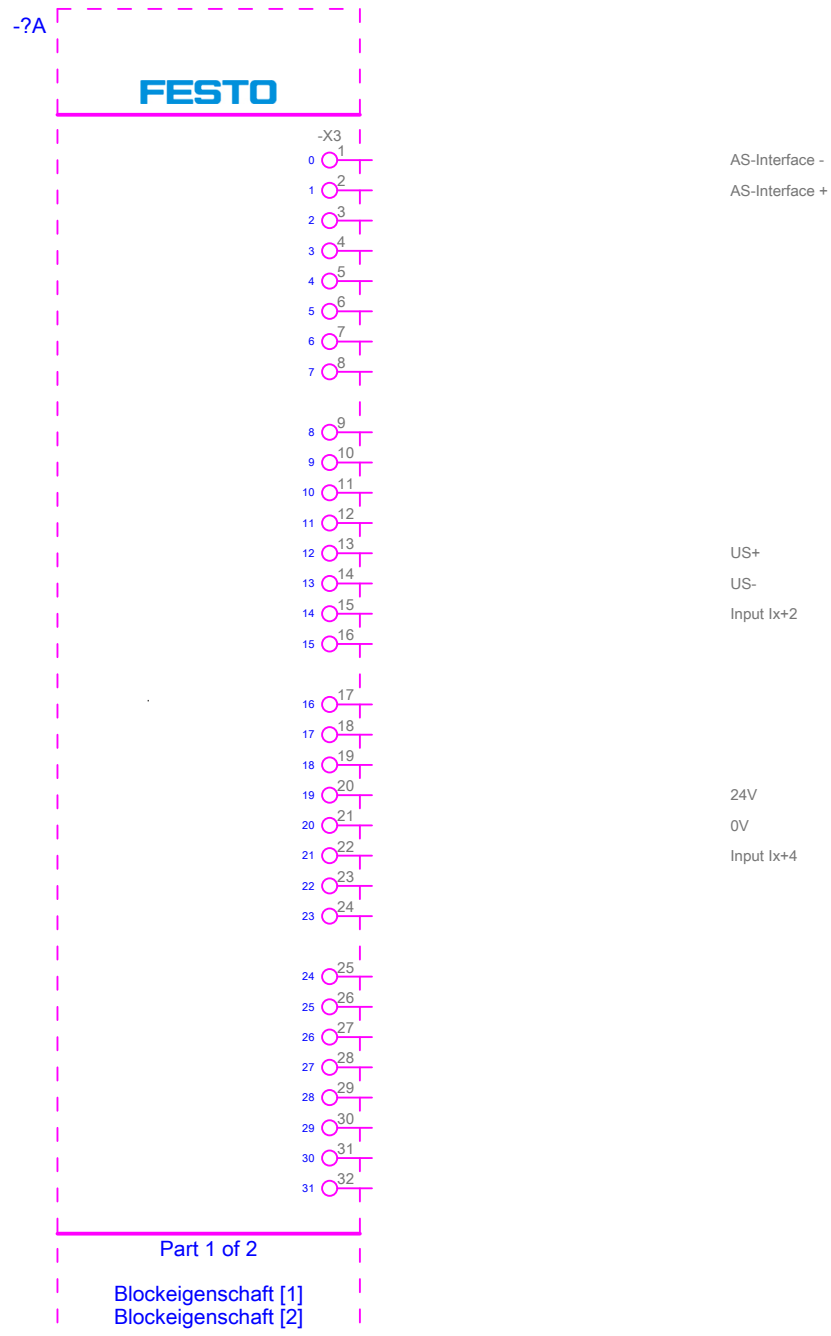


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		Edit by	18.06.2014 fstn					+ CPV1X-GE-		
		Appr.	F. Steinmaß							
Modification	Date	Name	Norm							
								Productionorder:		Pg 20
										Pg 51

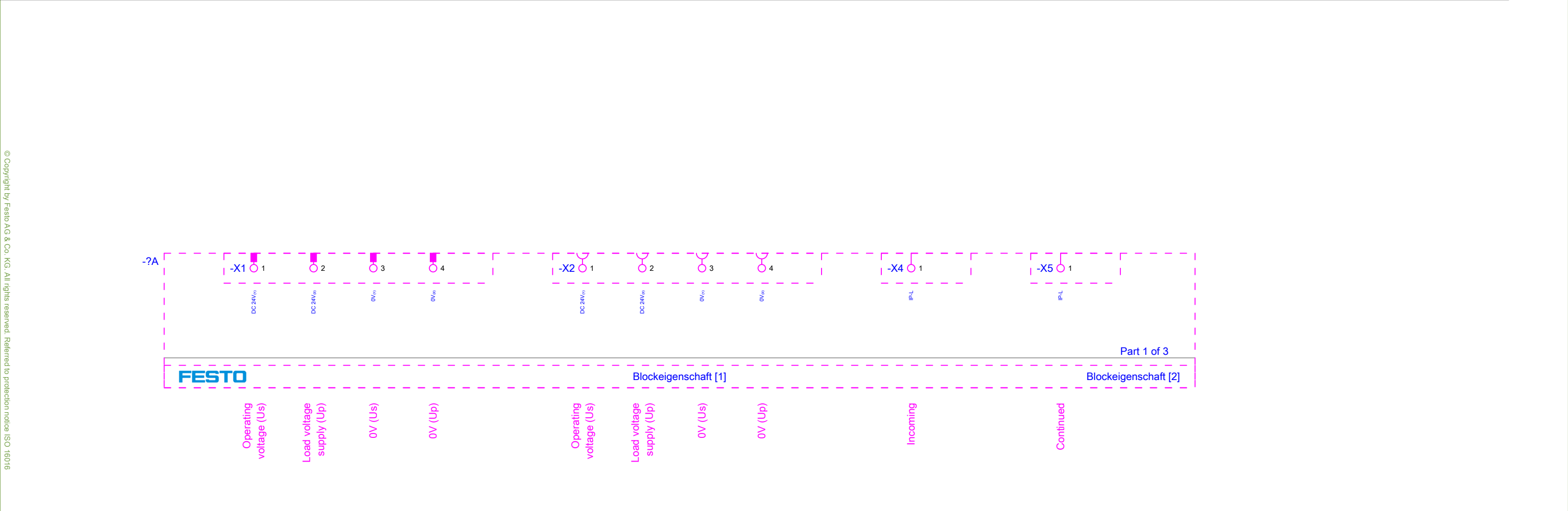
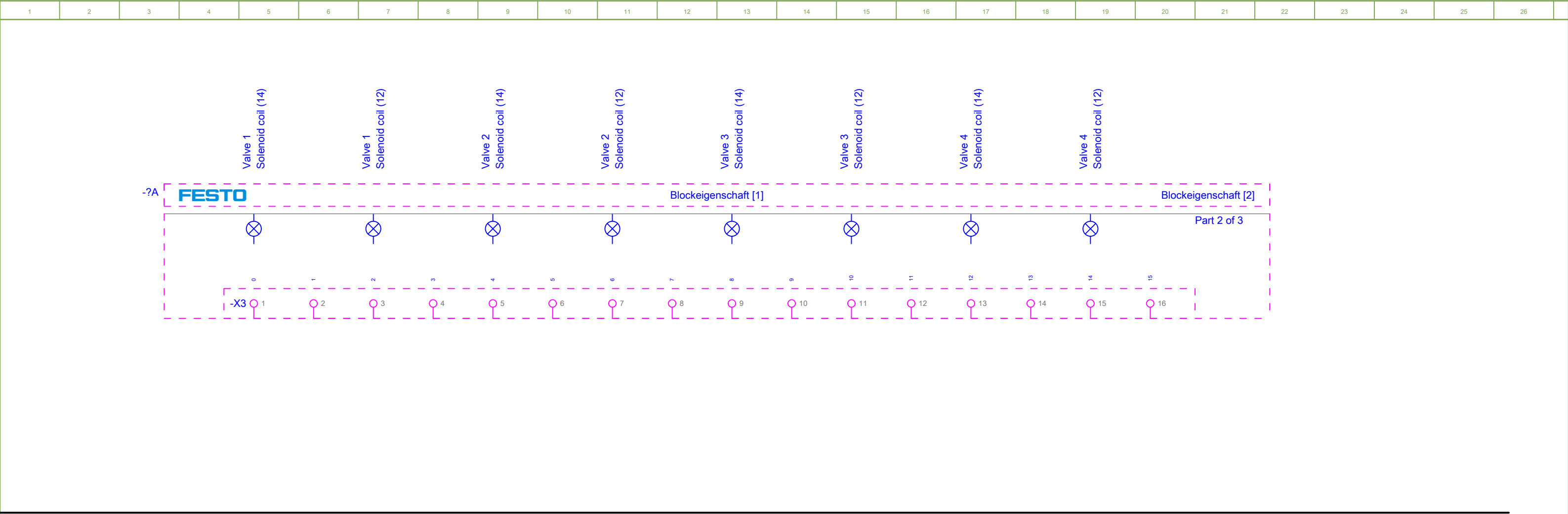
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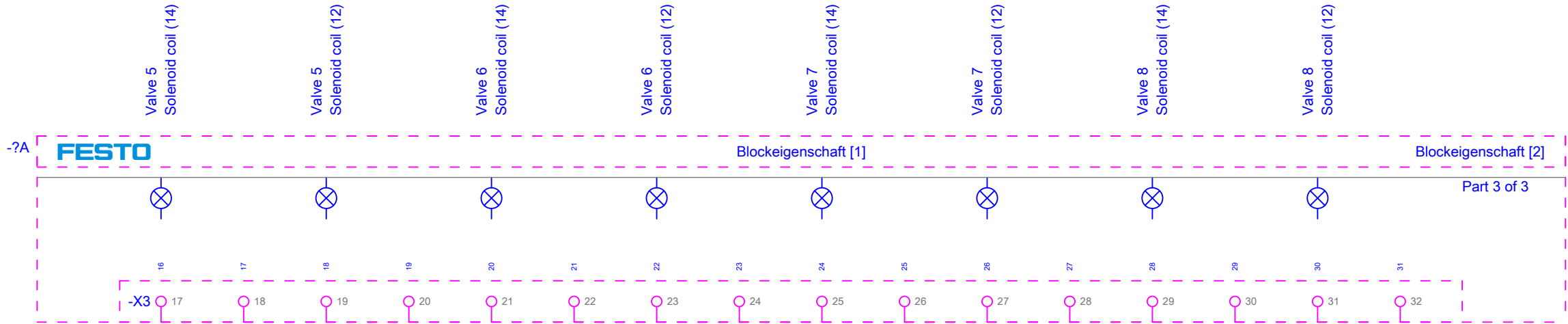
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Project status					Makroprojekt SC-DC		CPV1X-GE-IB-8	DE &CPV1X-GE-IB-8	
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		Edit by	31.03.2014					+ CPV1X-GE-	
		Appr.	F.Steinmaß						
Modification	Date	Name	Norm					Productionorder:	Pg 50
								Pg 51	

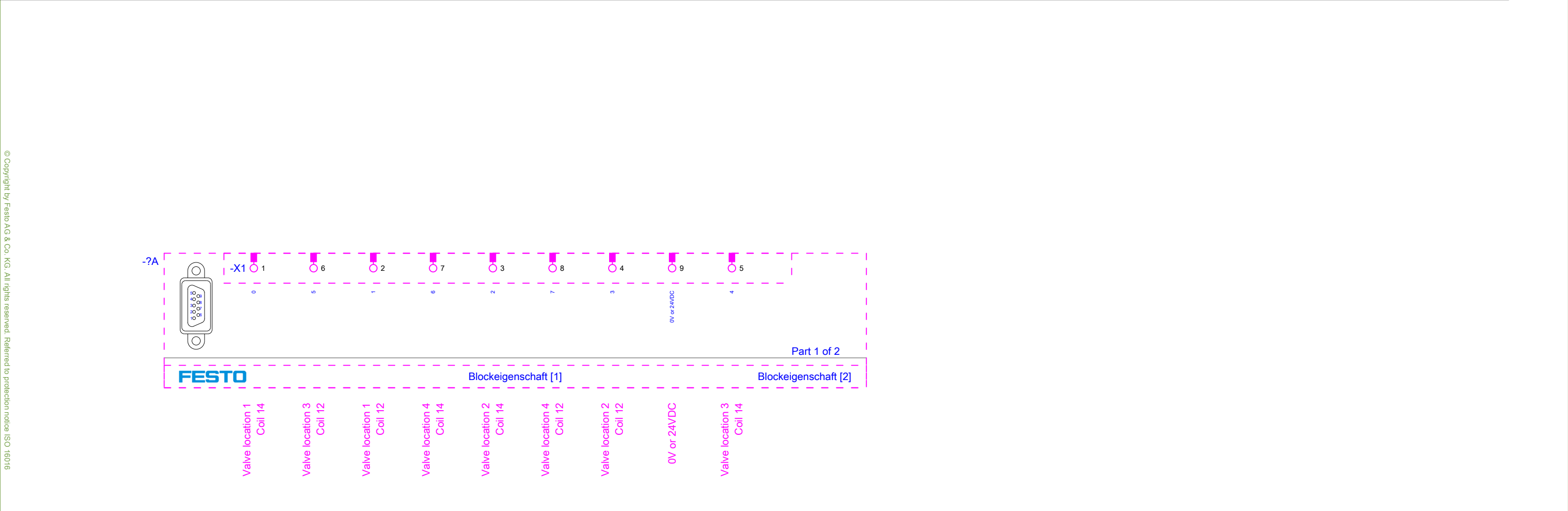
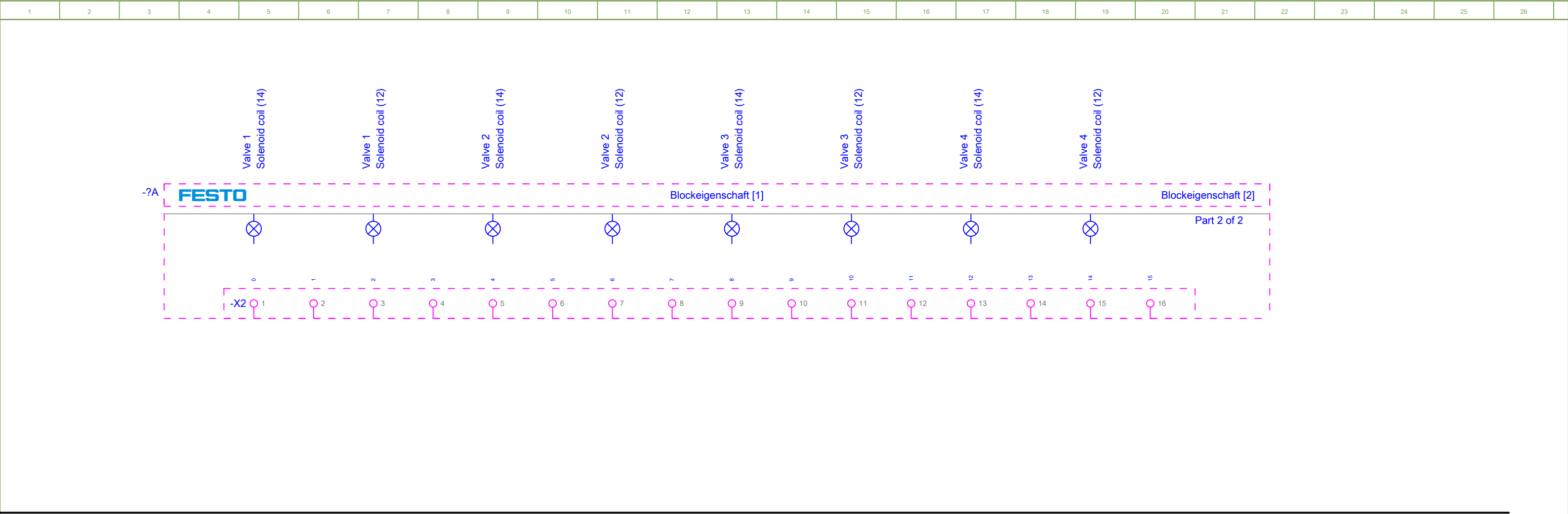


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			Appr.	F.Steinmaß						Pg	20
Modification	Date	Name	Norm							Pg	50



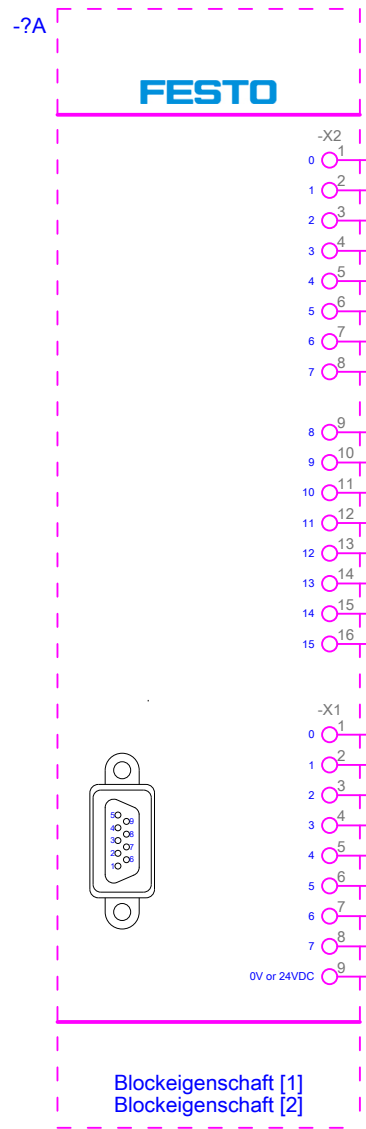
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Project status					Makroprojekt SC-DC		CPV1X-GE-MP-4	DE &CPV1X-GE-MP-4			
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		Edit by	18.06.2014 fstn					+ CPV1X-GE-			
		Appr.	F. Steinmaß								
Modification	Date	Name	Norm								
								Productionorder:		Pg 20	
										Pg 50	

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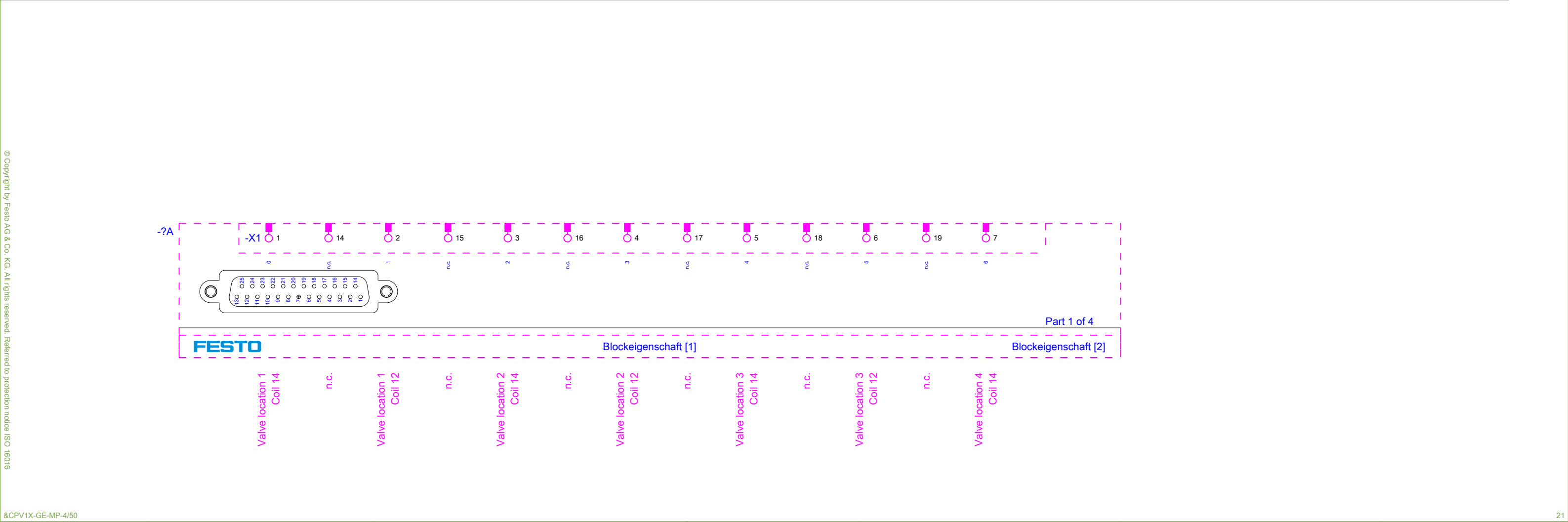
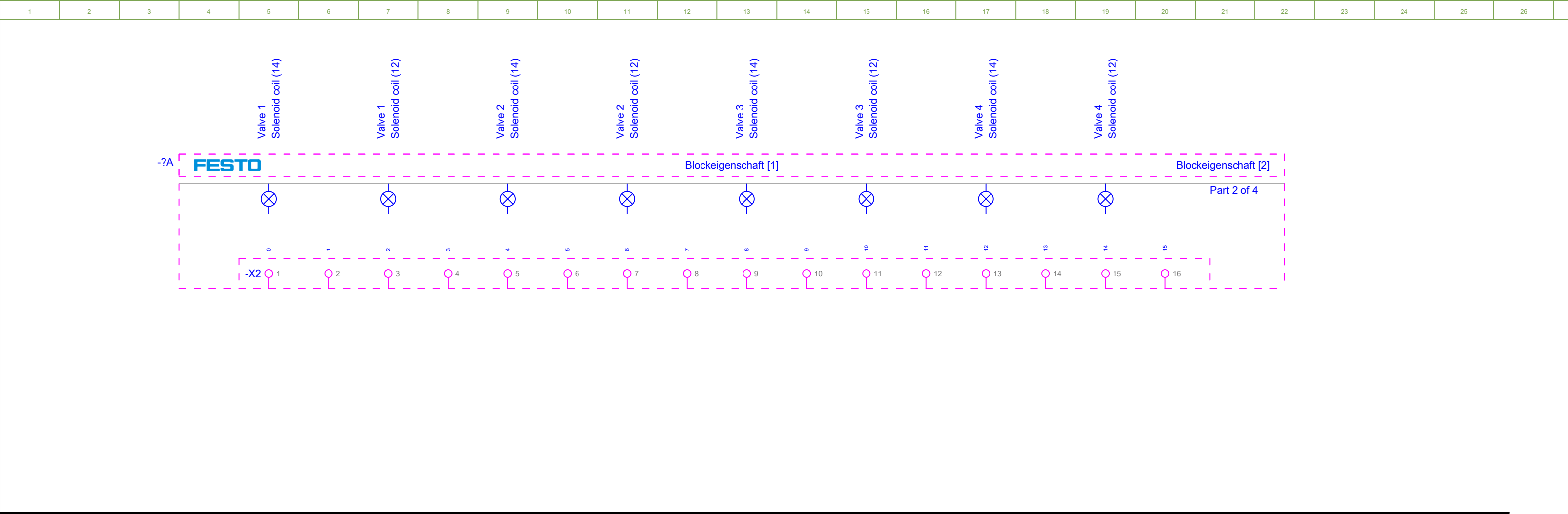


Valve location 1 Coil 14
Valve location 3 Coil 12
Valve location 1 Coil 12
Valve location 4 Coil 14
Valve location 2 Coil 14
Valve location 4 Coil 12
Valve location 2 Coil 12
0V or 24VDC

Valve location 3 Coil 14

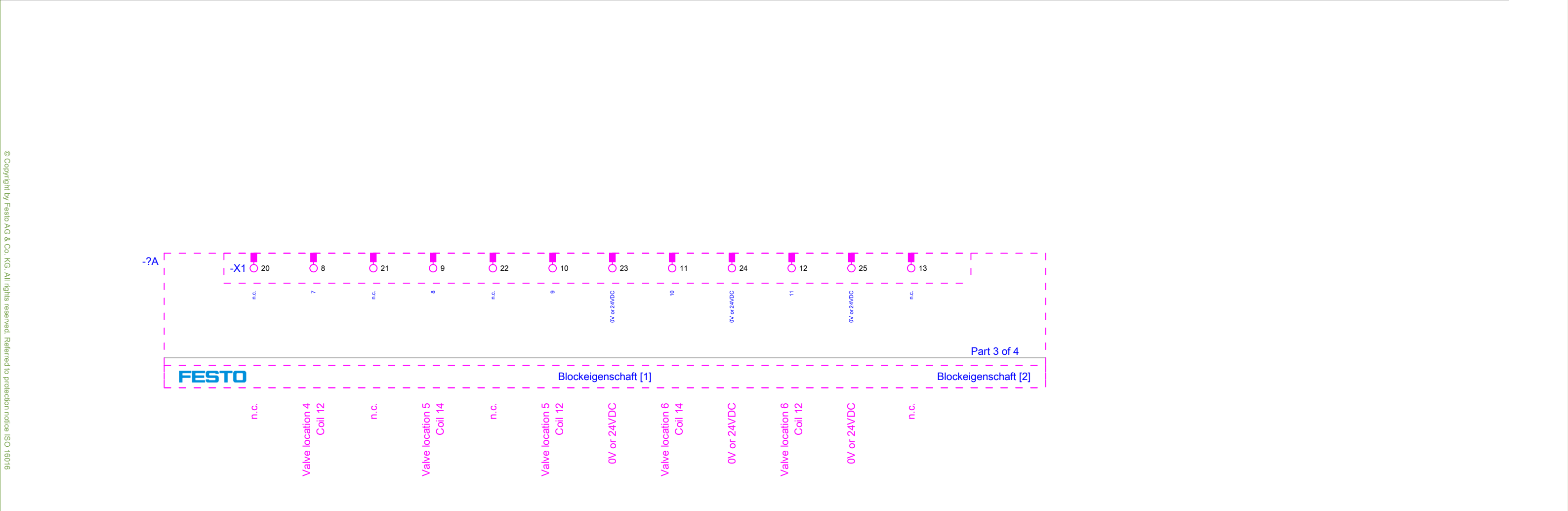
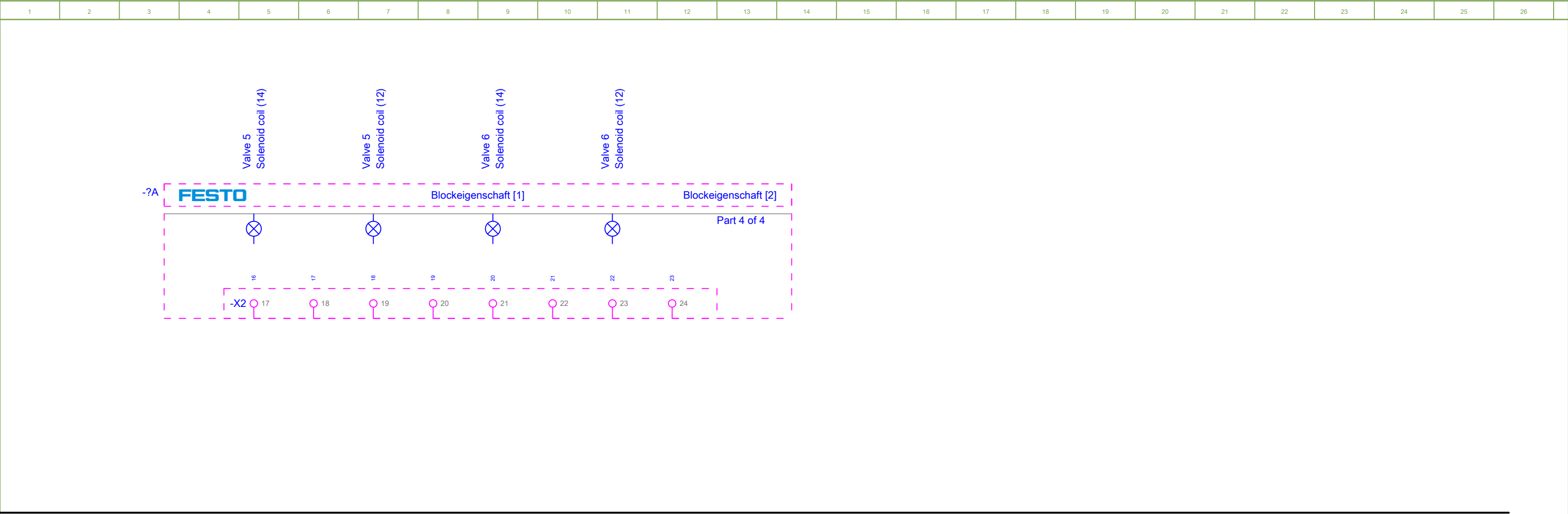
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Data A
Data reference potential
n.c.
FE via RC element
n.c.
Data B
n.c.
0V or 24VDC

Project status					Makroprojekt SC-DC		CPV1X-GE-MP-4	DE &CPV1X-GE-MP-4	
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		Edit by	31.03.2014	fstn				+ CPV1X-GE-	
		Appr.	F.Steinmaß						
Modification	Date	Name	Norm					Productionorder:	Pg 50
							Pg 50		



Project status					Makroprojekt SC-DC		CPV1X-GE-MP-6	DE &CPV1X-GE-MP-6			
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		Edit by	18.06.2014 fstn					+ CPV1X-GE-			
		Appr.	F. Steinmaß								
Modification	Date	Name	Norm								
								Pg 20			
								Pg 50			

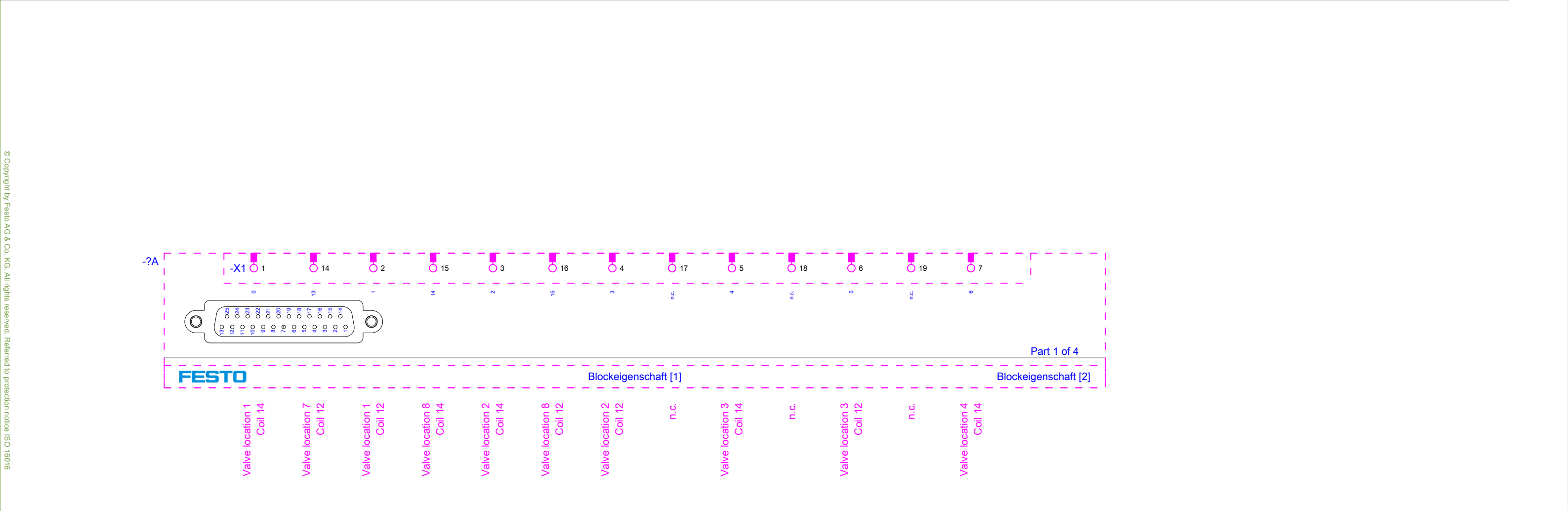
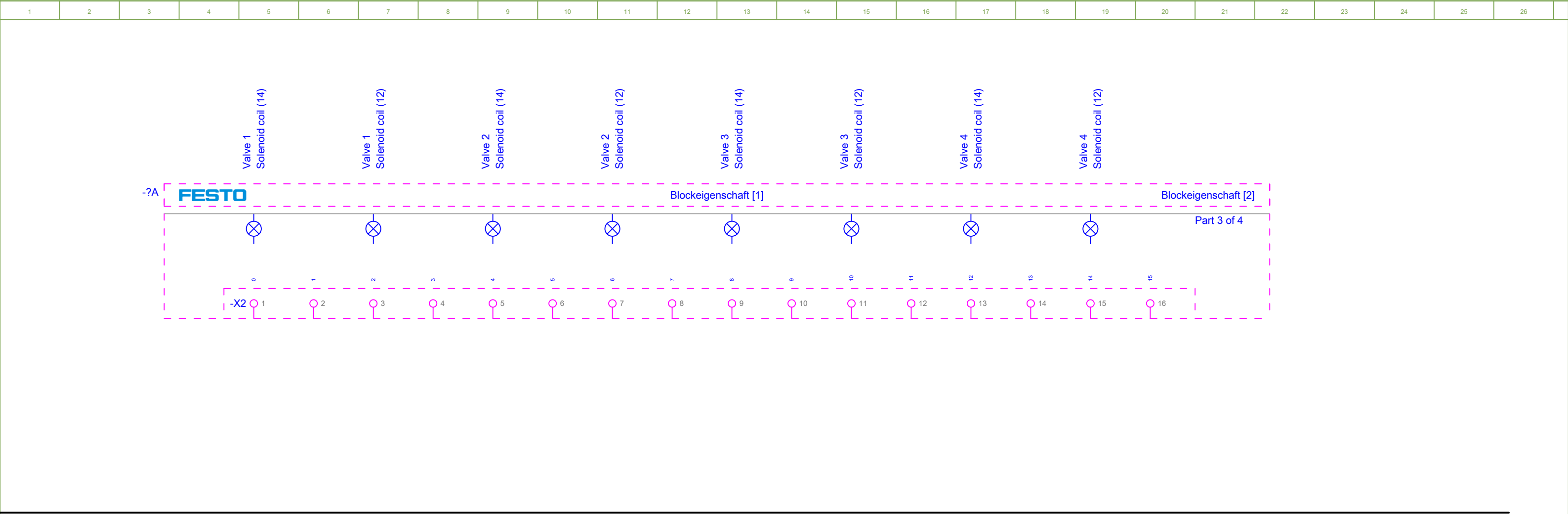
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Project status					Makroprojekt SC-DC		CPV1X-GE-MP-6	DE &CPV1X-GE-MP-6			
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			Edit by	18.06.2014				+ CPV1X-GE-			
			Appr.	F. Steinmaß							
Modification	Date	Name	Norm					Productionorder:		Pg	21
										Pg	50

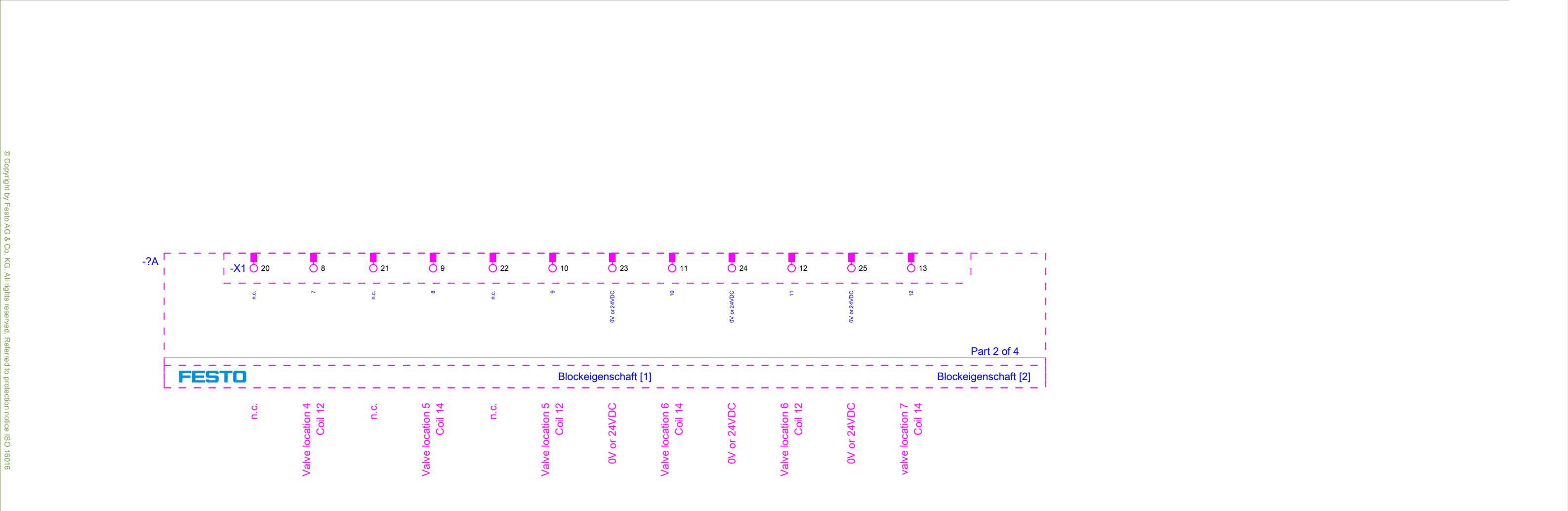
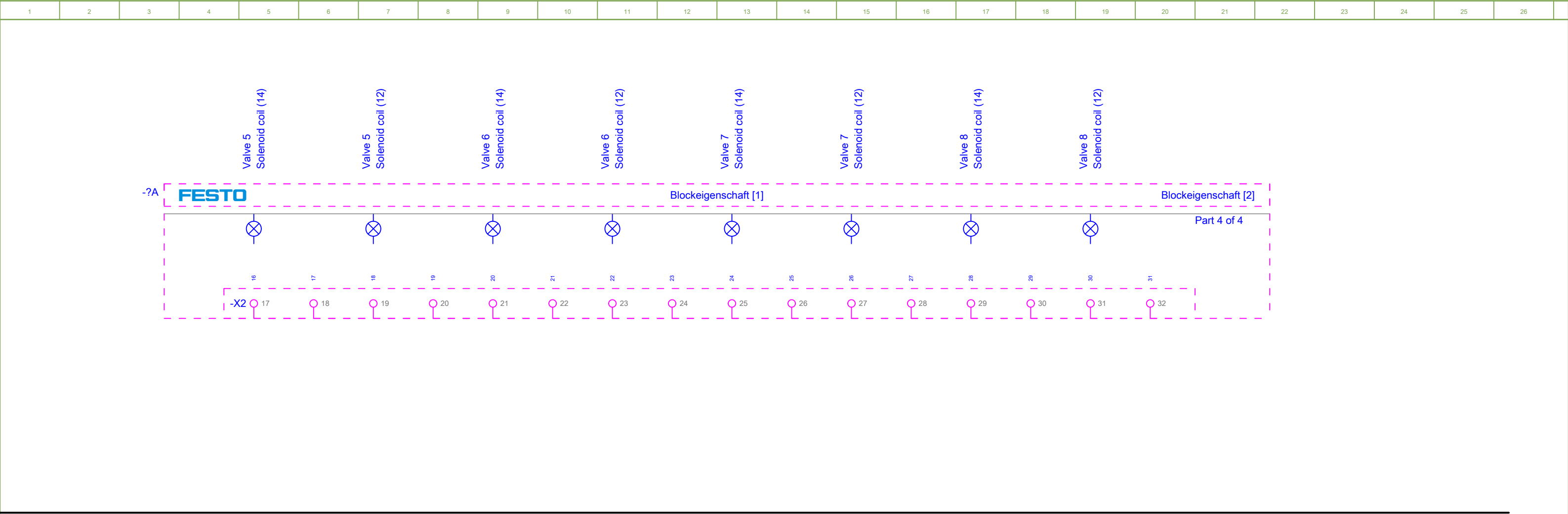
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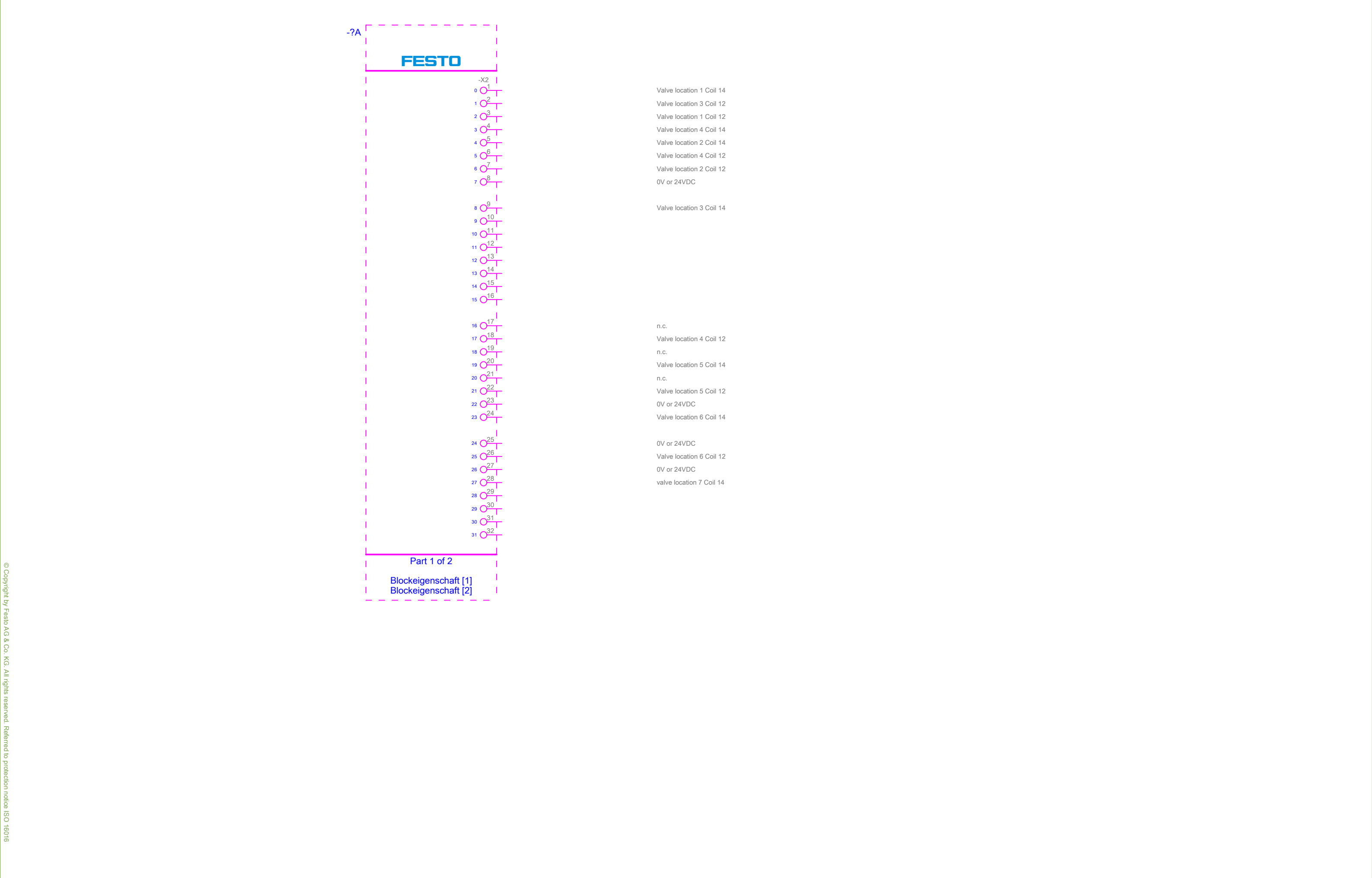
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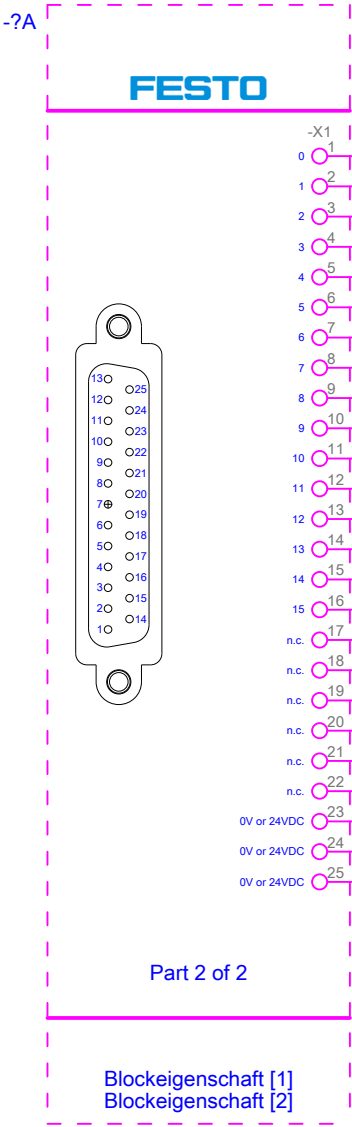


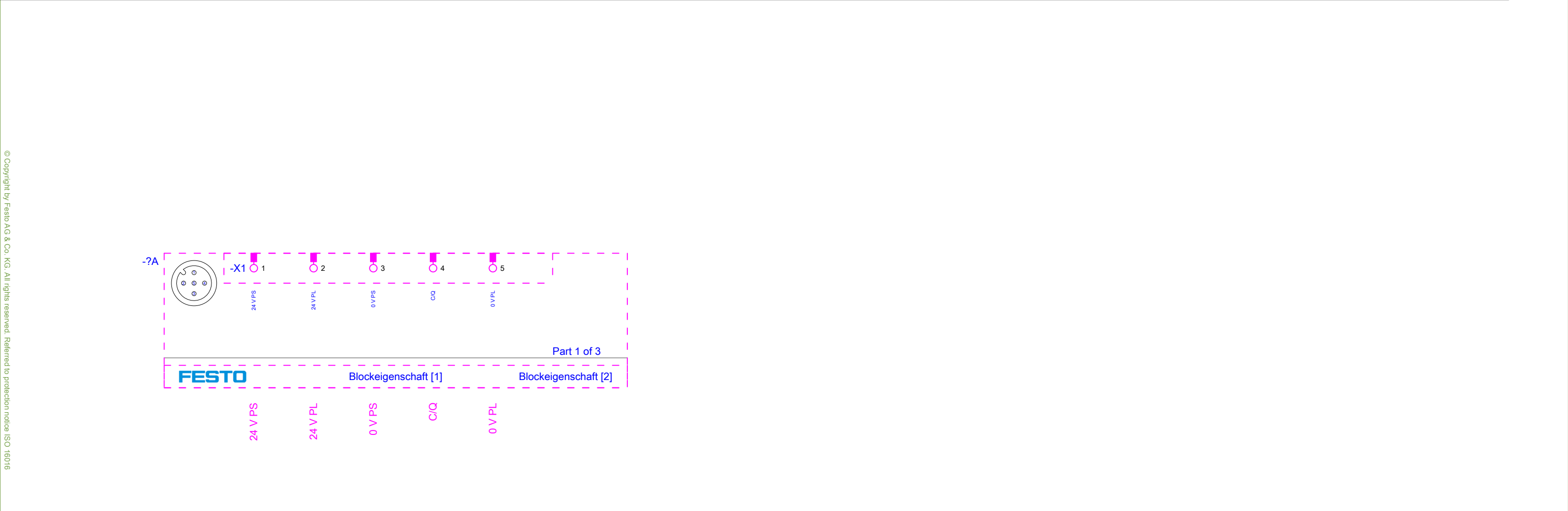
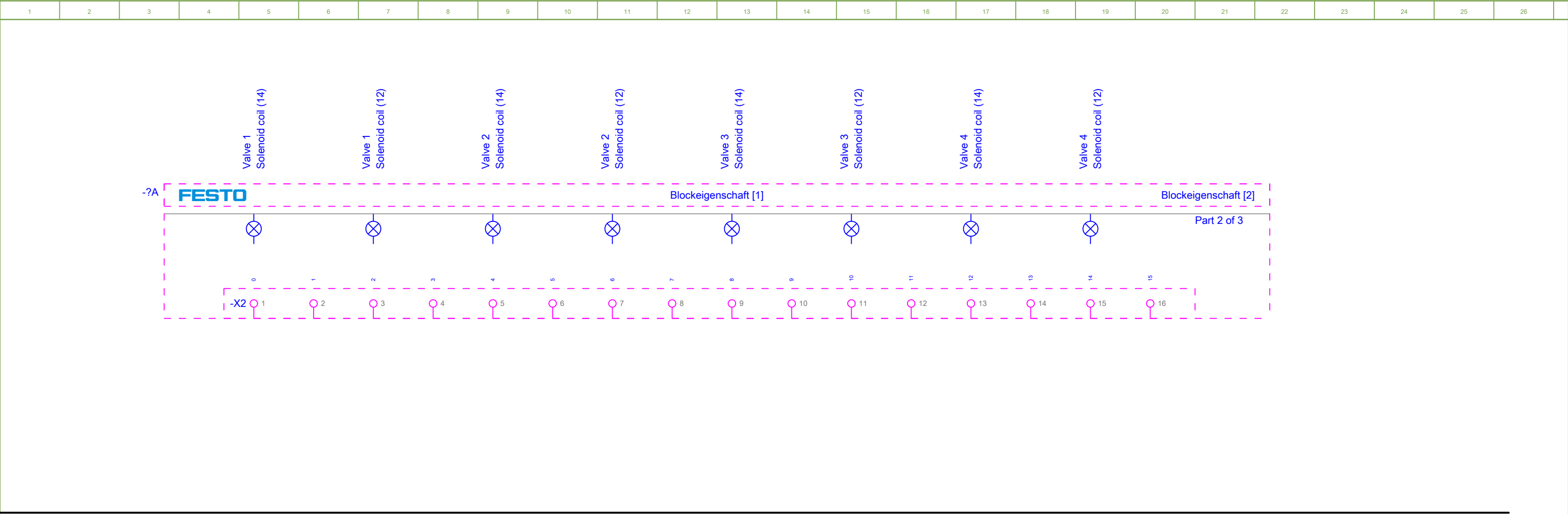
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			Edit by	18.06.2014				fstn	+ CPV1X-GE-			
			Appr.	F.Steinmaß								
Modification	Date	Name	Norm									
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										Pg	51	

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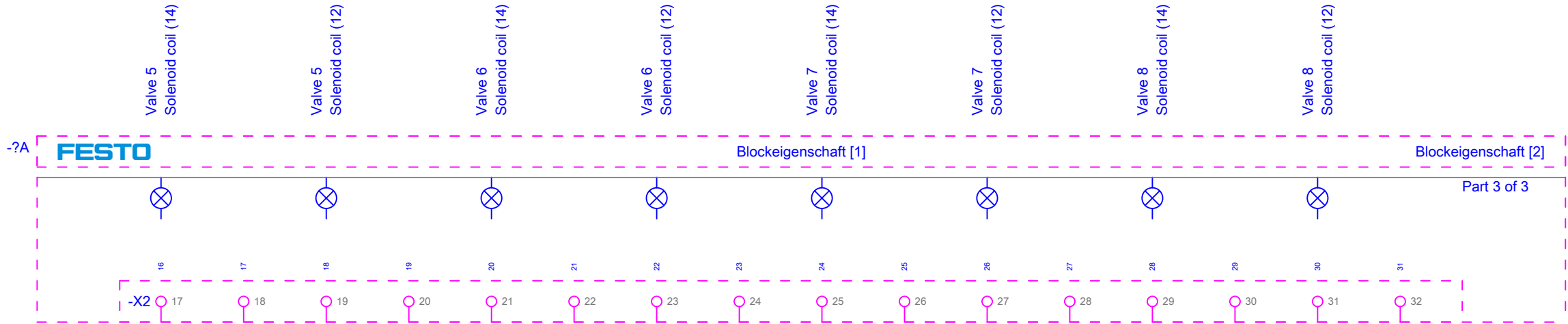






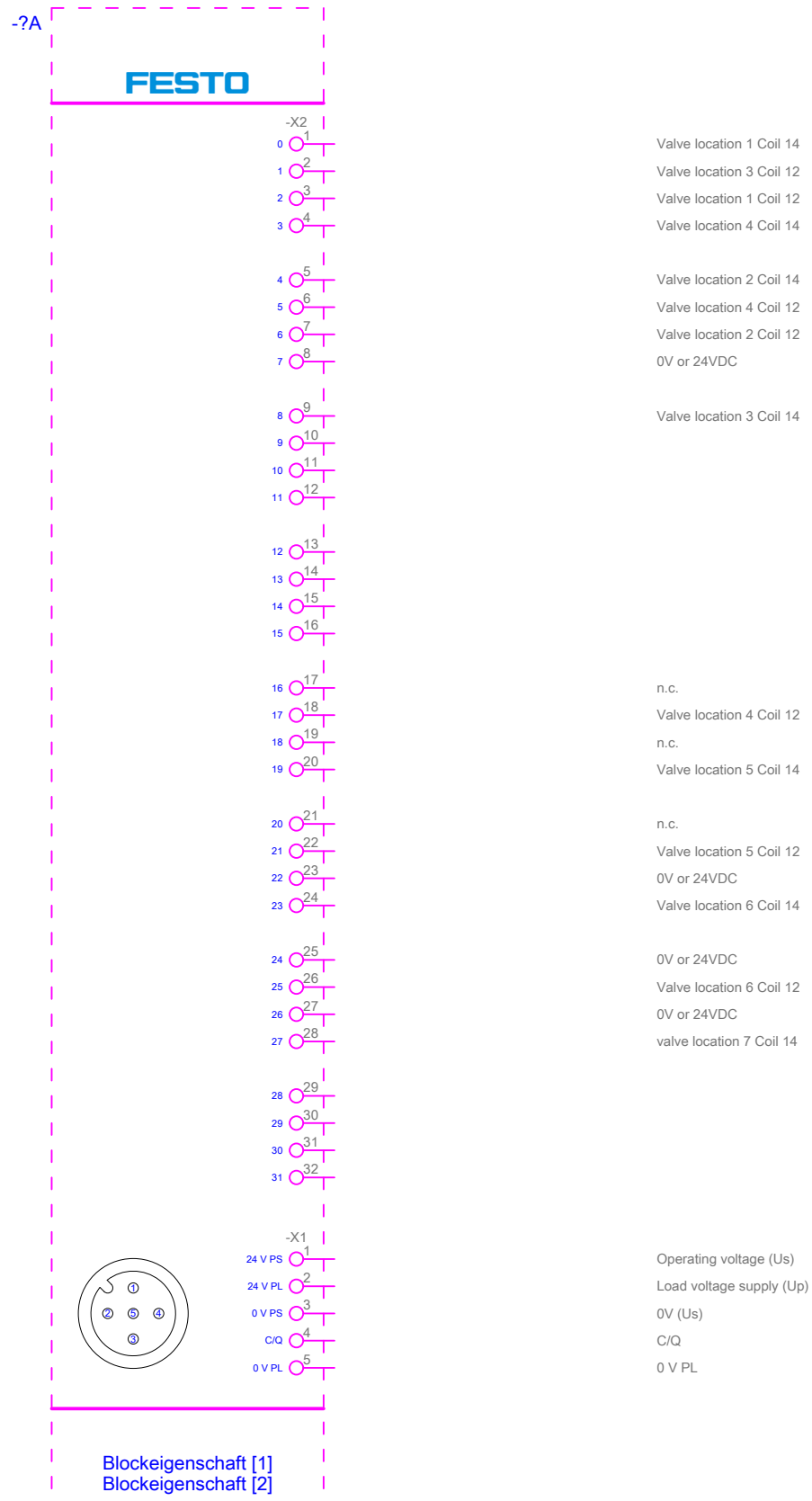
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		Appr.	F.Steinmaß							Pg	20
Modification	Date	Name	Norm					Productionorder:		Pg	50

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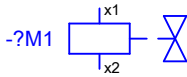


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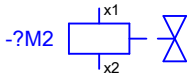
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Project status					Makroprojekt SC-DC		CPV1X-GE-PT-8	DE &CPV1X-GE-PT-8	
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		Edit by	31.03.2014	fstn				+ CPV1X-GE-	
		Appr.	F.Steinmaß						
Modification	Date	Name	Norm					Productionorder:	Pg 50
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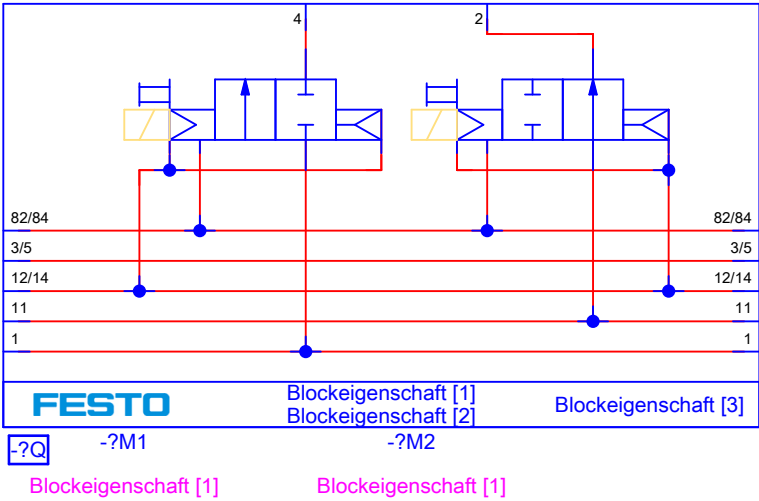
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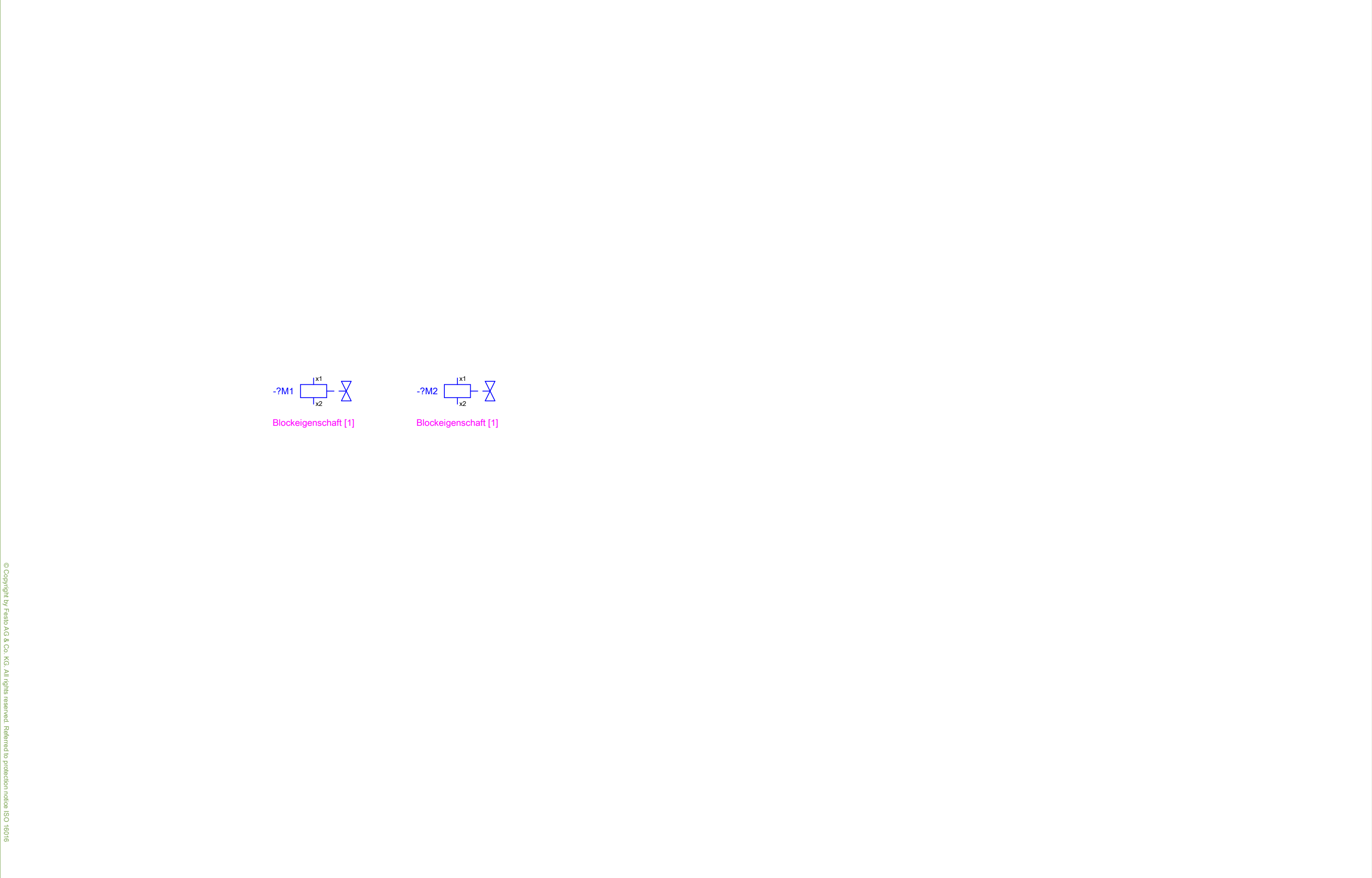


Blockeigenschaft [1]

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Project status					Makroprojekt SC-DC		CPV1X-M1H-2OLS-2GLS-XX-X-XX	DE						
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		Edit by	31.03.2014							+	CPV1X-M1H-2OLS-2GLS- (I)			
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Productionorder:										Pg	40			

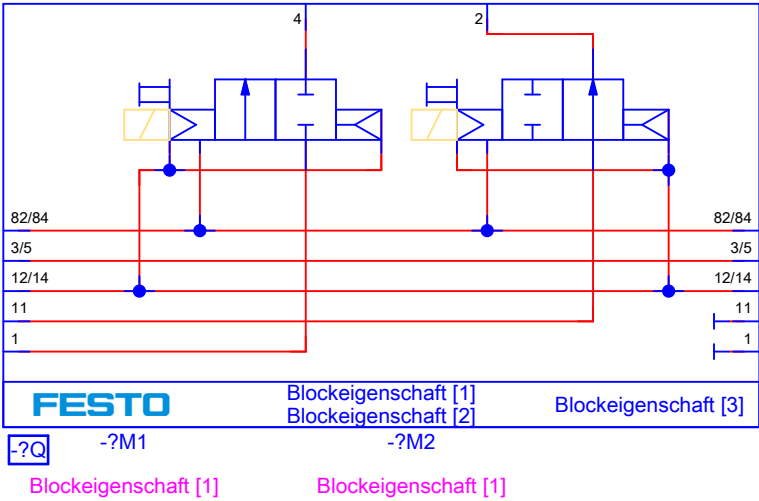




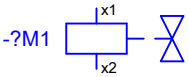
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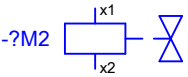
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			Appr.	F.Steinmaß							Productionorder:		
Modification	Date	Name	Norm										
									Pg	20			
									Pg	40			



Project status					Makroprojekt SC-DC		CPV1X-M1H-2OLS-2GLS-K-XX	DE			
			Date	13.02.2013							
			Edit by	31.03.2014				Project no.:		=	CPV
			Appr.	F.Steinmaß						+	CPV1X-M1H-2OLS-2GLS-K- (IK)
Modification	Date	Name	Norm					Productionorder:		Pg	40
				Pg						40	



Blockeigenschaft [1]



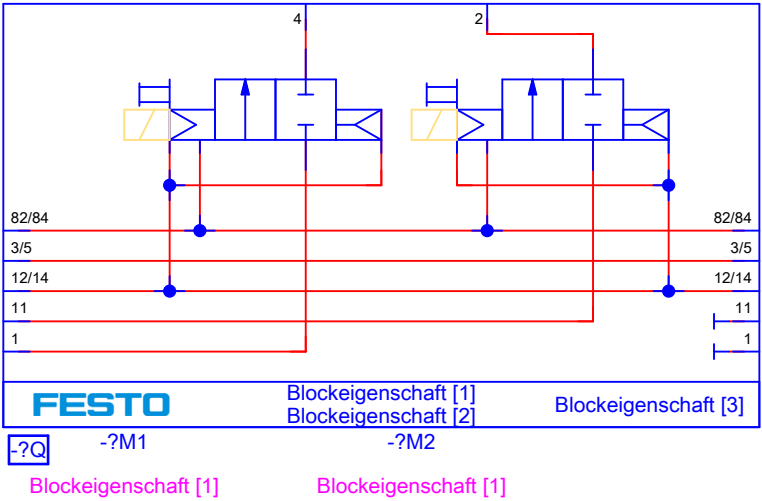
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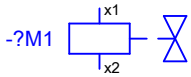
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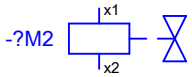
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		Date	13.02.2013							=	CPV				
		Edit by	31.03.2014					Project no.:		+	CPV1X-M1H-2X2-GLS-K- (DK)				
		Appr.	F.Steinmaß					Productionorder:			Pg	20			
Modification	Date	Name	Norm								Pg	40			



Project status					Makroprojekt SC-DC		CPV1X-M1H-2X2-GLS-K-XX	DE			
			Date	13.02.2013							
			Edit by	31.03.2014				Project no.:		=	CPV
			Appr.	F.Steinmaß						+	CPV1X-M1H-2X2-GLS-K- (DK)
Modification	Date	Name	Norm					Productionorder:		Pg	40
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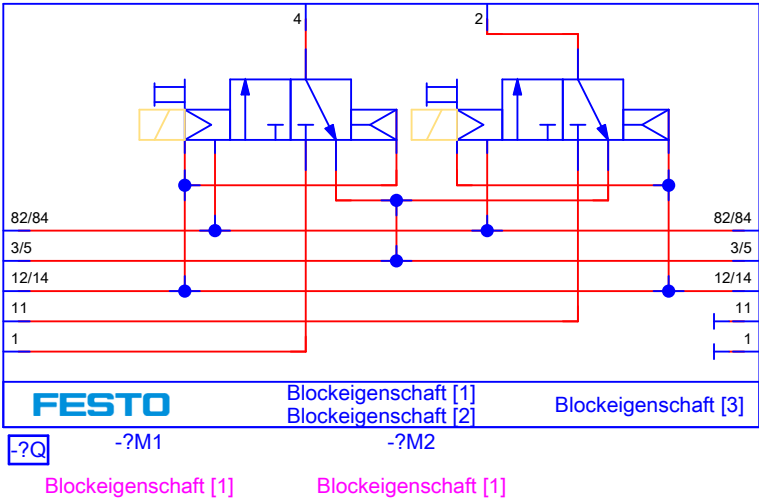
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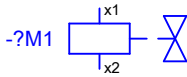


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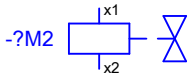
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Project status					Makroprojekt SC-DC		CPV1X-M1H-2X3-GLS-K-XX	DE						
		Date	13.02.2013							= CPV				
		Edit by	31.03.2014 fstr					Project no.:		+ CPV1X-M1H-2X3-GLS-K- (CK)				
		Appr.	F.Steinmaß					Productionorder:		Pg	20			
Modification	Date	Name	Norm							Pg	40			





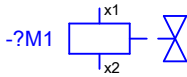
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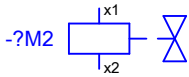
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Project status					Makroprojekt SC-DC		CPV1X-M1H-2X3-GLS-Y-M7-X-XX	DE		
		Date	13.02.2013							
		Edit by	31.03.2014 fstr					= CPV		
		Appr.	F.Steinmaß					+ CPV1X-M1H-2X3-GLS-Y-M7- (CY)		
Modification	Date	Name	Norm							
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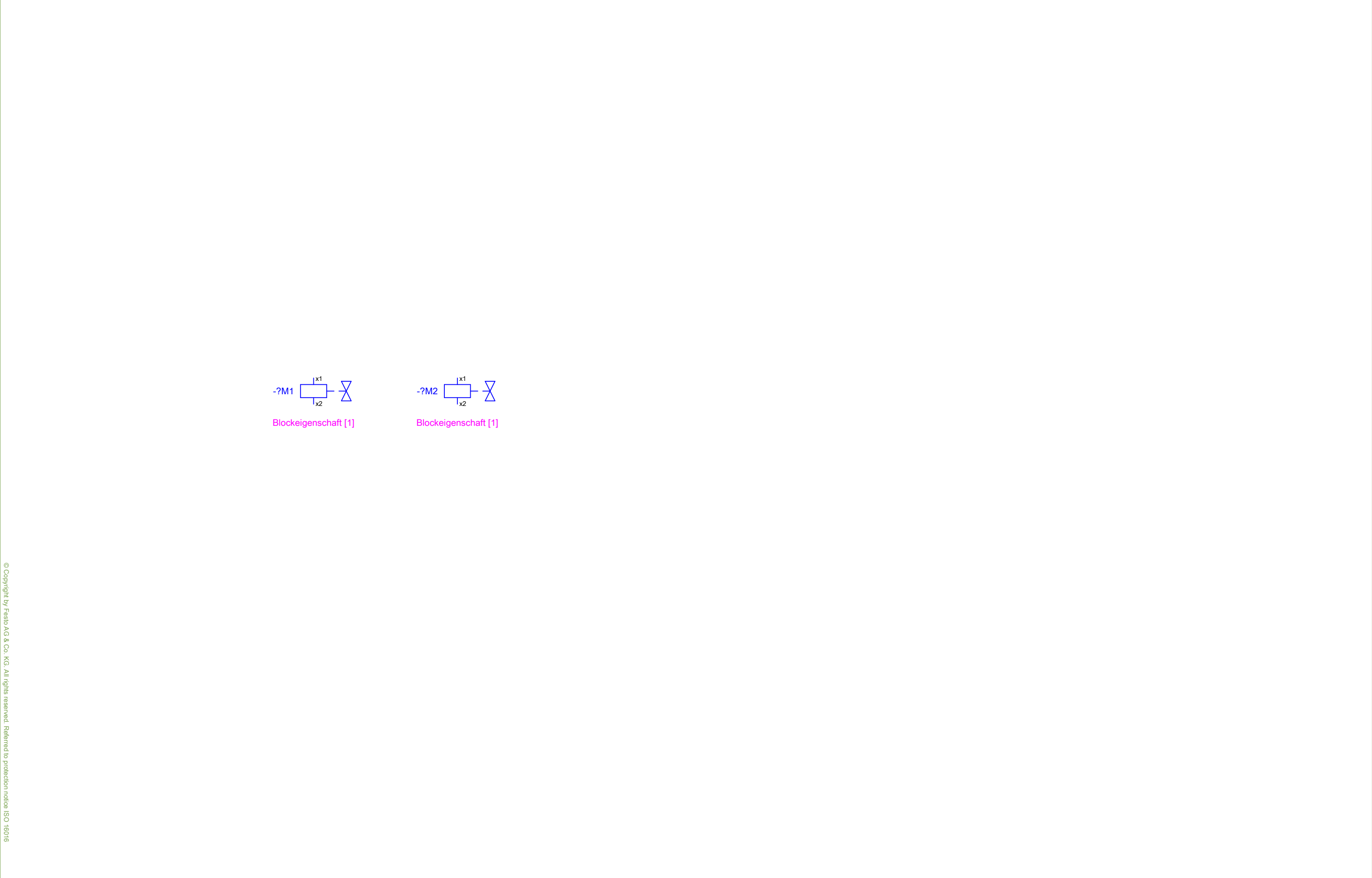
Blockeigenschaft [1]

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+CPV1X-M1H-2X3-GLS-Y-M7- (CY)/40

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Project status					Makroprojekt SC-DC		CPV1X-M1H-2X3-OLS-K-XX	DE				
		Date	13.02.2013					= CPV				
		Edit by	31.03.2014 fstr					+ CPV1X-M1H-2X3-OLS-K- (NK)				
		Appr.	F.Steinmaß									
Modification	Date	Name	Norm					Pg 20				
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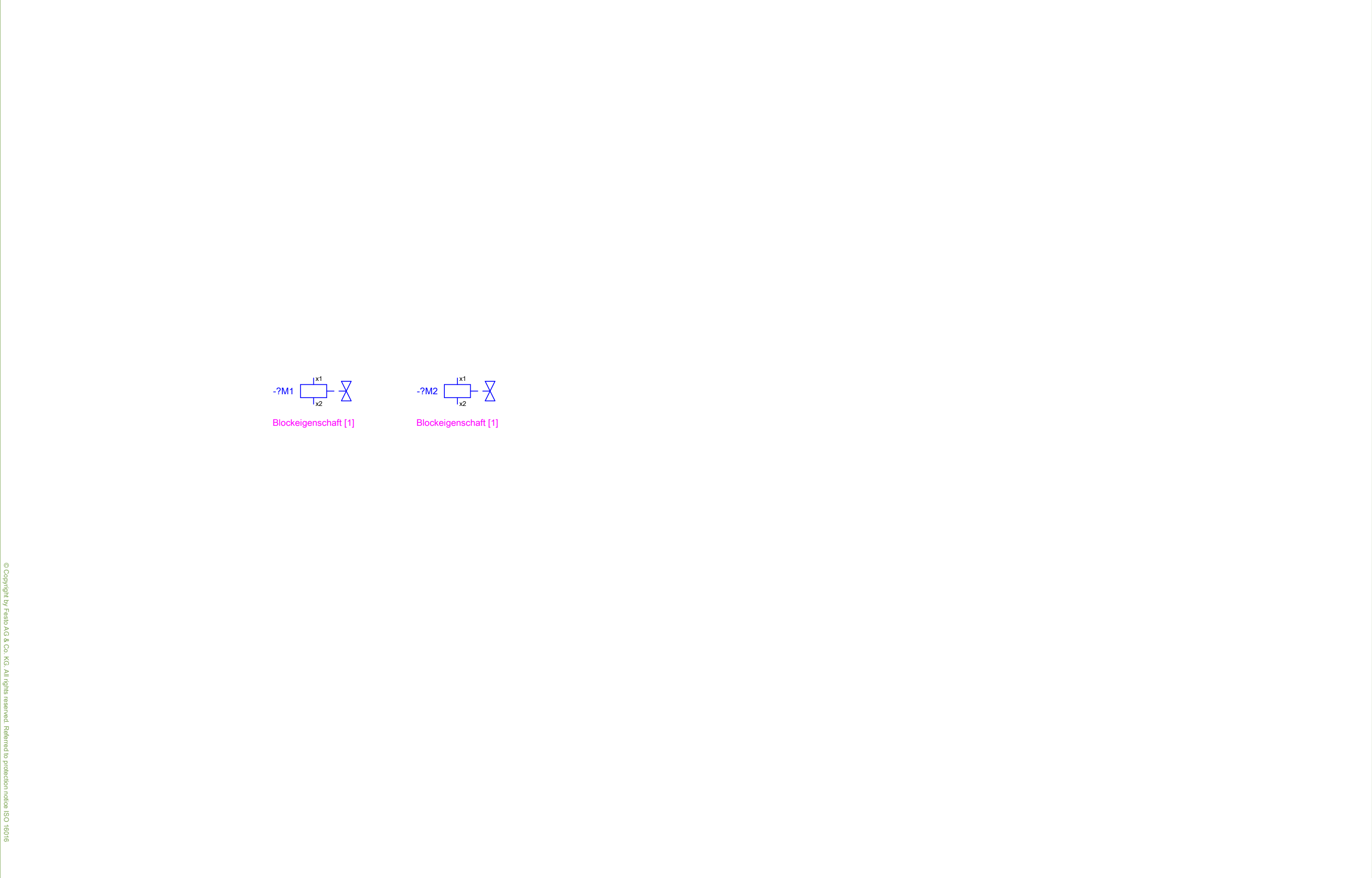


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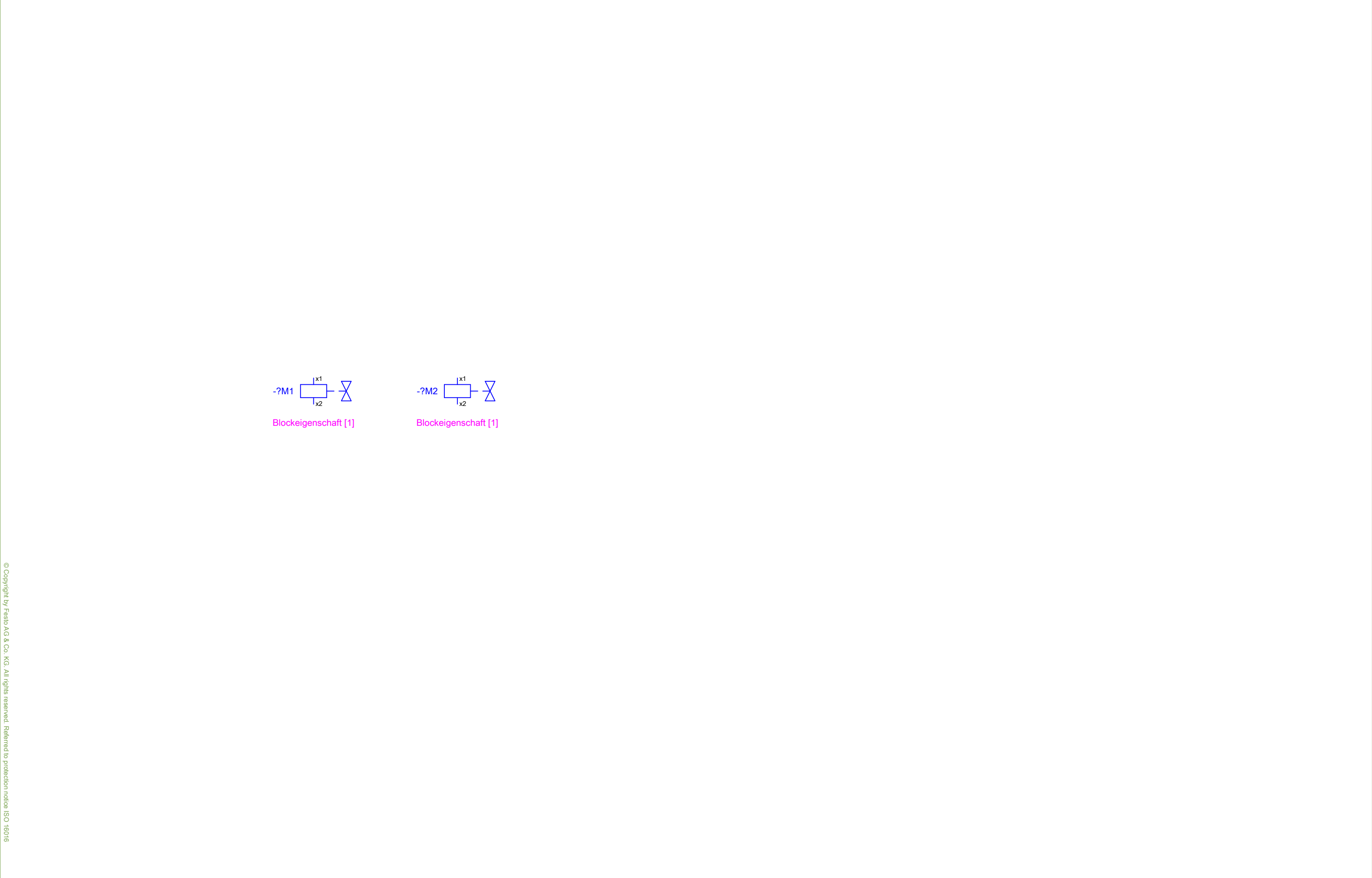
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			Edit by	31.03.2014				fstn						
			Appr.	F.Steinmaß							+ CPV1X-M1H-2x2-GLS- (D)			
Modification	Date	Name	Norm											
								Productionorder:		Pg	20			
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+CPV1X-M1H-2x2-GLS- (D)/4040

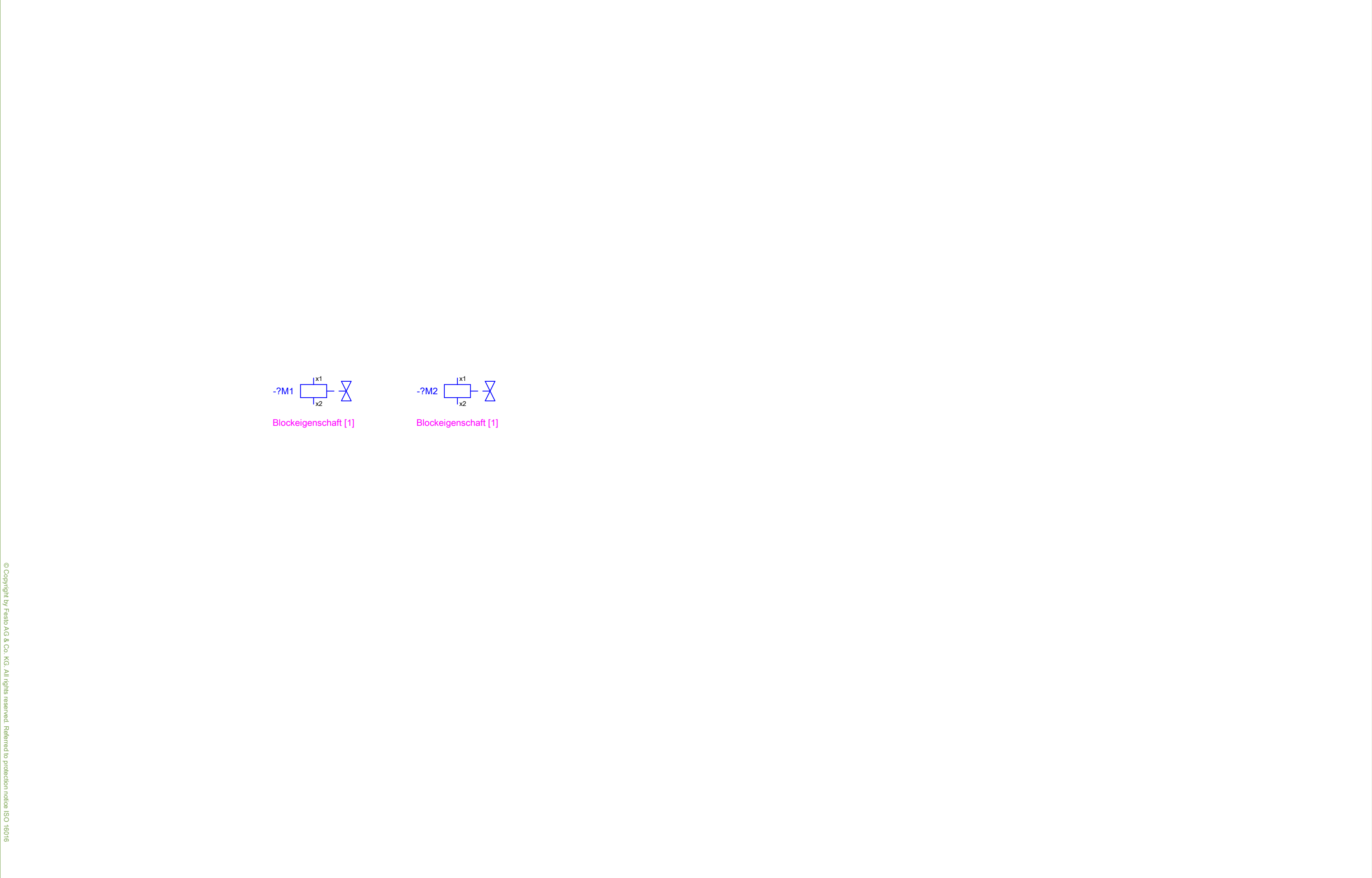
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			Edit by	31.03.2014						+	CPV1X-M1H-2x3-GLS- (C)		
			Appr.	F.Steinmaß									
Modification	Date	Name	Norm					Productionorder:				Pg	20
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+CPV1X-M1H-2x3-GLS- (C)/4040

Project status					Makroprojekt SC-DC		CPV1X-M1H-2x3-OLS-XX-X-XX	DE						
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			Edit by	31.03.2014				fstn						
			Appr.	F.Steinmaß							+ CPV1X-M1H-2x3-OLS- (N)			
Modification	Date	Name	Norm											
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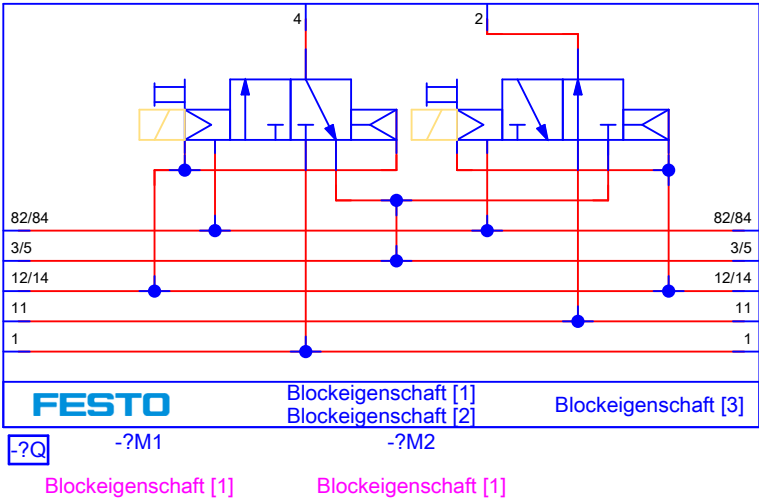
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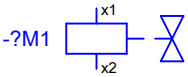
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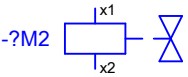
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			Edit by	31.03.2014 fstr				Project no.:		+	CPV1X-M1H-3OLS-3GLS- (H)
			Appr.	F.Steinmaß				Productionorder:			Pg 20
Modification	Date	Name	Norm								Pg 40



Project status					Makroprojekt SC-DC	FESTO	CPV1X-M1H-3OLS-3GLS-XX-X-XX	DE		+CPV1X-M1H-3OLS-3GLS-K- (HK)/20	
			Date	13.02.2013							
			Edit by	31.03.2014 fstr				Project no.:		= CPV	
			Appr.	F.Steinmaß						+ CPV1X-M1H-3OLS-3GLS- (H)	
Modification	Date	Name	Norm					Productionorder:		Pg	40
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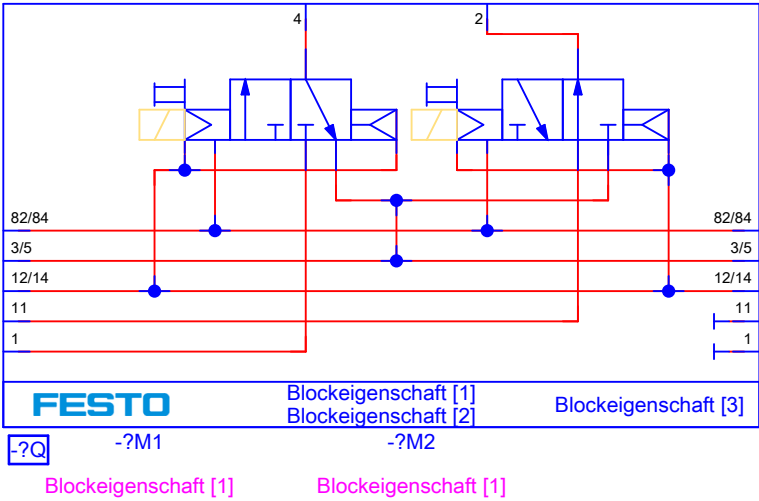
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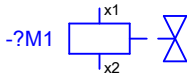


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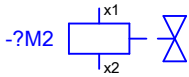
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Project status					Makroprojekt SC-DC		CPV1X-M1H-3OLS-3GLS-K-XX	DE			
			Date	13.02.2013						=	CPV
			Edit by	31.03.2014 fstr				Project no.:		+	CPV1X-M1H-3OLS-3GLS-K- (HK)
			Appr.	F.Steinmaß				Productionorder:			Pg 20
Modification	Date	Name	Norm								Pg 40





Blockeigenschaft [1]



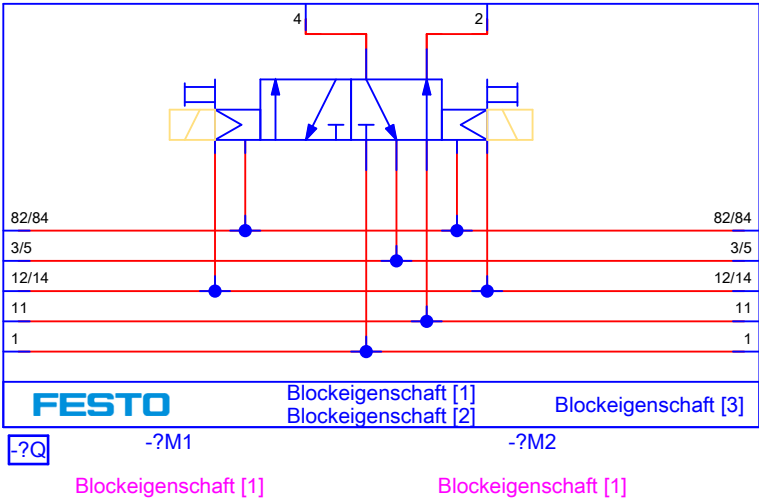
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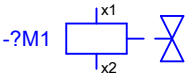
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+CPV1X-M1H-3OLS-3GLS-K- (HK)/40

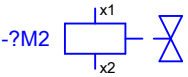
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Project status					Makroprojekt SC-DC		CPV1X-M1H-5JS-XX	DE								
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		Edit by	31.03.2014 fstr													
		Appr.	F.Steinmaß							+ CPV1X-M1H-5JS- (J)						
Modification	Date	Name	Norm													
Productionorder:								Pg	20							
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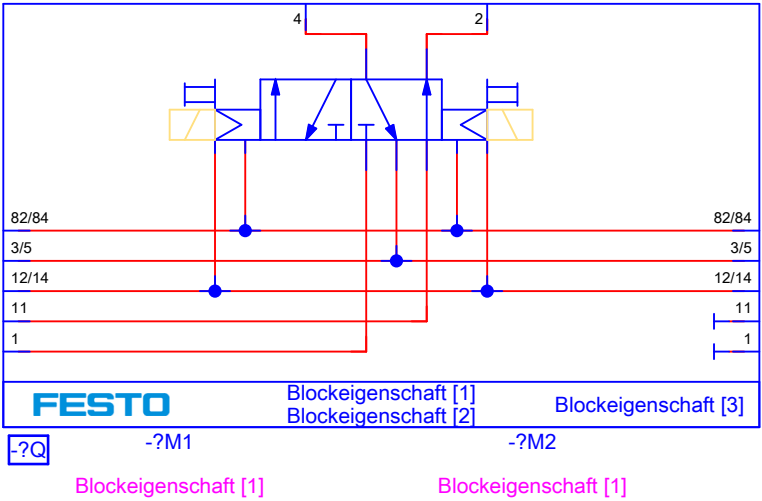


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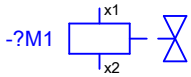
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		Edit by	31.03.2014							+	CPV1X-M1H-5JS-K- (JK)									
		Appr.	F.Steinmaß																	
Modification	Date	Name	Norm																	
										Pg	20									
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Project status					Makroprojekt SC-DC		CPV1X-M1H-5JS-K-XX	DE			
			Date	13.02.2013							
			Edit by	31.03.2014				Project no.:		= CPV	
			Appr.	F.Steinmaß						+ CPV1X-M1H-5JS-K- (JK)	
Modification	Date	Name	Norm					Productionorder:		Pg	40
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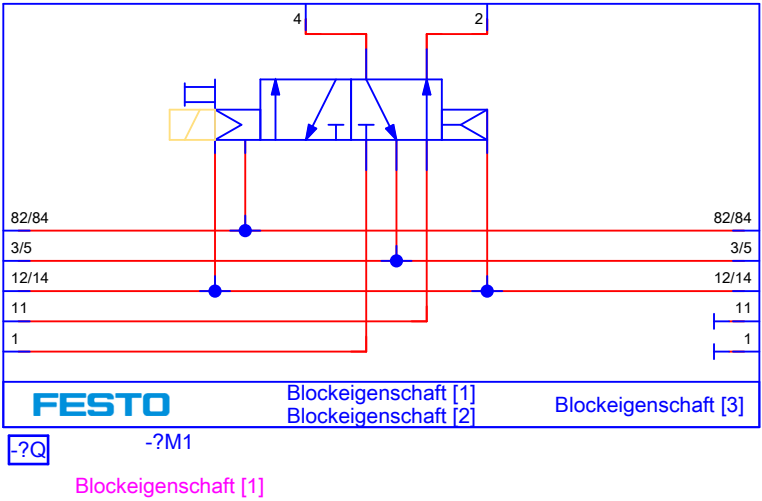
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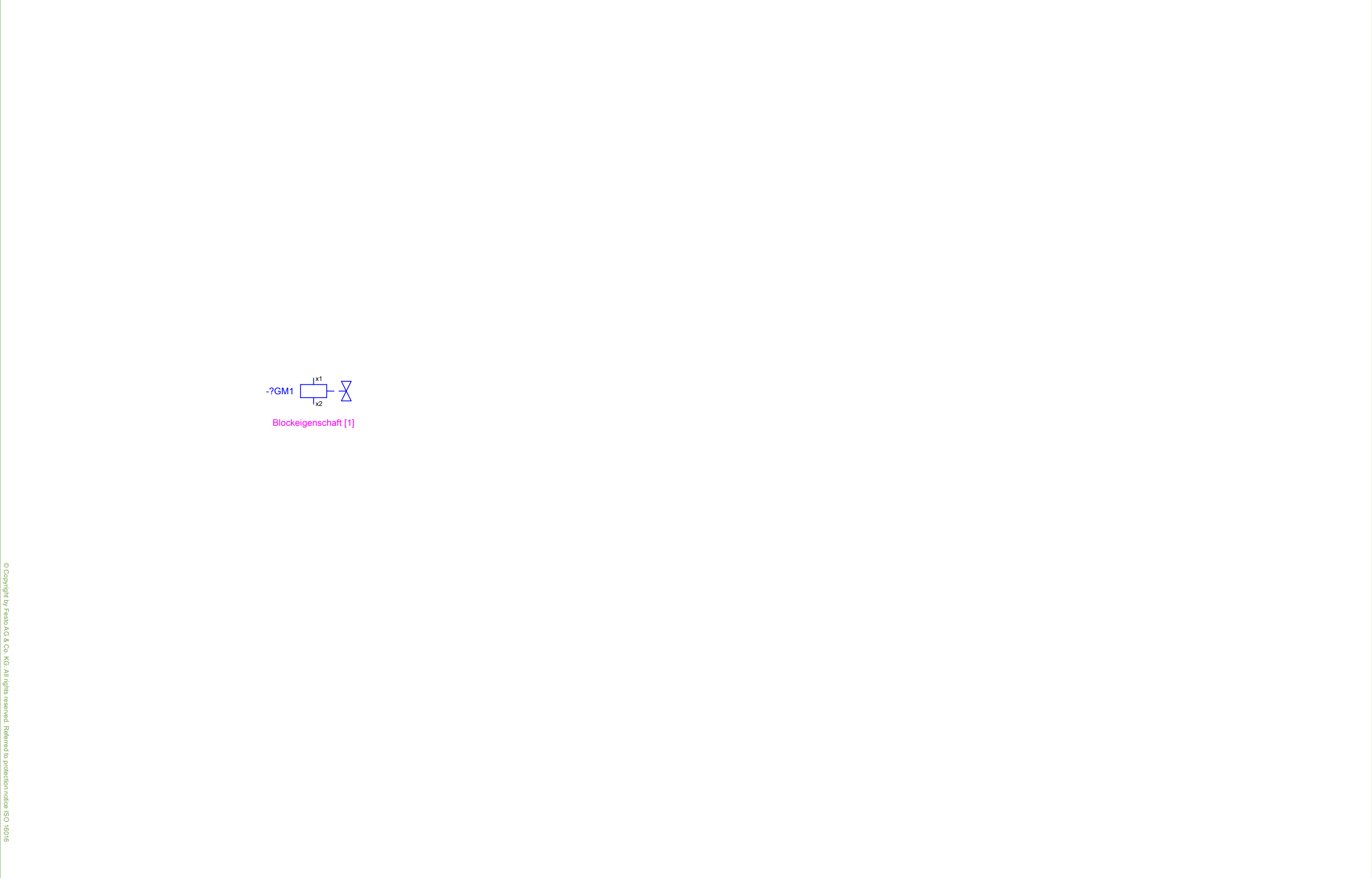
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Project status					Makroprojekt SC-DC		CPV1X-M1H-5LS-K-XX	DE					
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		Edit by	31.03.2014 fstn										
		Appr.	F.Steinmaß					+ CPV1X-M1H-5LS-K- (MK)					
Modification	Date	Name	Norm										
Productionorder:								Pg	20				
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Project status					Makroprojekt SC-DC		CPV1X-M1H-5LS-K-XX	DE					
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			Edit by	31.03.2014				fstn		= CPV			
			Appr.	F.Steinmaß						+ CPV1X-M1H-5LS-K- (MK)			
Modification	Date	Name	Norm							Productionorder:		Pg	40
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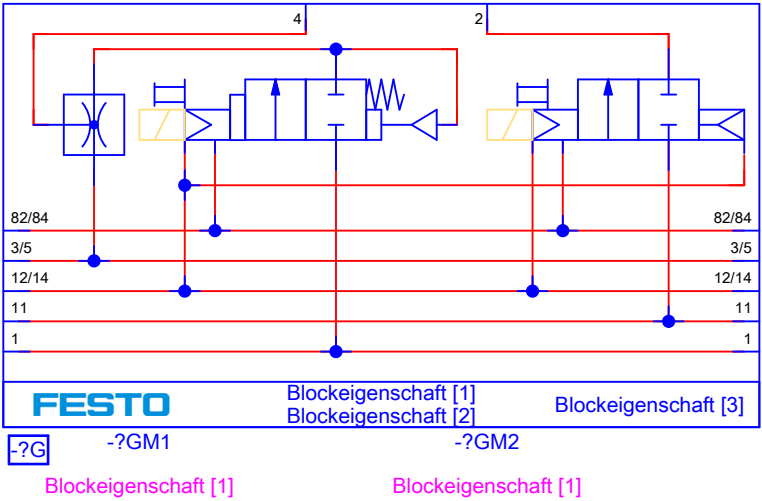


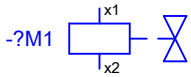
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			Appr.	F.Steinmaß				+ CPV1X-M1H-V (A)			
Modification	Date	Name	Norm					Productionorder:		Pg	20
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Project status					Makroprojekt SC-DC		CPV1X-M1H-VIXX-2GLS-XX	DE			
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			Edit by	31.03.2014				Project no.:		=	CPV
			Appr.	F.Steinmaß						+	CPV1X-M1H-VIXX-2GLS- (E)
Modification	Date	Name	Norm					Productionorder:		Pg	40
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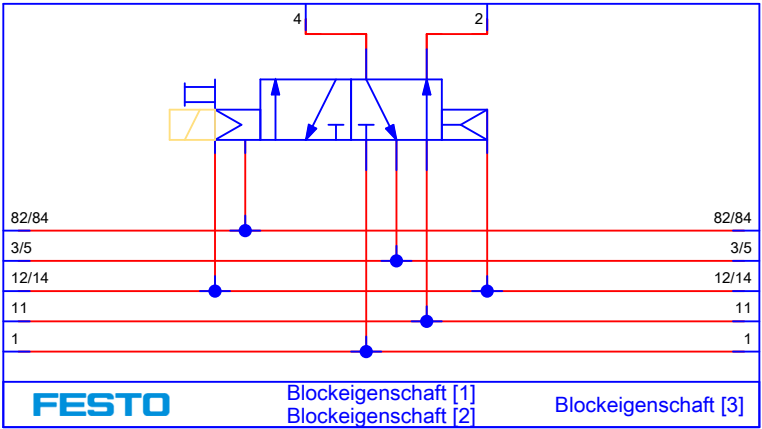


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Project status					Makroprojekt SC-DC		CPV1X-M1XH-5LS-XX	DE								
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		Edit by	31.03.2014 fstr													
		Appr.	F.Steinmaß					+ CPV1X-M1XH-5LS- (M)								
Modification	Date	Name	Norm							Pg 20						
Productionorder:								Pg 40								

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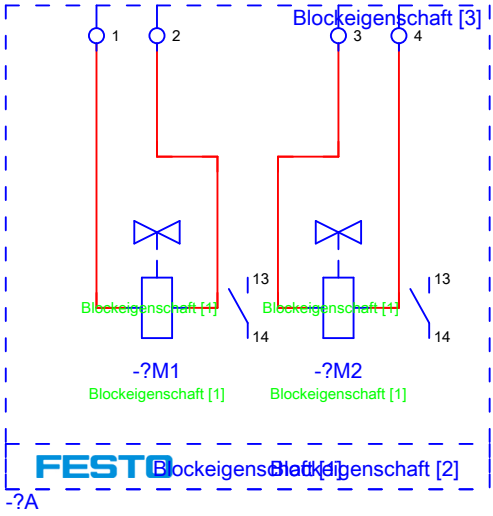
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Blockeigenschaft [1]

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+CPV1X-RP2 (R)/20

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			Edit by	31.03.2014				Project no.:		= CPV	
			Appr.	F.Steinmaß						+ CPV1X-M1XH-5LS- (M)	
Modification	Date	Name	Norm					Productionorder:		Pg 40	
										Pg 40	



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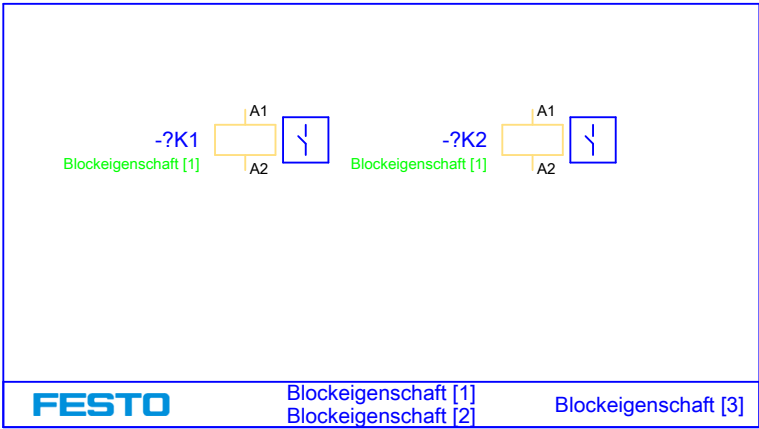
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			Edit by	31.03.2014						= CPV			
			Appr.	F.Steinmaß						+ CPV1X-RP2 (R)			
Modification	Date	Name	Norm							Productionorder:		Pg	20
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+CPV1X-RZP/40

Project status					Makroprojekt SC-DC		CPV1X-RP2	DE					
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			Edit by	31.03.2014				fstn		= CPV			
			Appr.	F.Steinmaß						+ CPV1X-RP2 (R)			
Modification	Date	Name	Norm							Productionorder:		Pg	40
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	4	2
82/84		82/84
3/5		3/5
12/14		12/14
11		11
1		1
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+CPV1X-RZP/40

+CPV1X-VI-P2-XX-D (2P/B)/40

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+CPV1X-VI-P2- (2P)/40

+CPV1X-VI-P4- (4P)/40

Project status					Makroprojekt SC-DC		CPV1X-VI-P2-XX-D	DE				
			Date	13.02.2013								
			Edit by	31.03.2014							=	CPV
			Appr.	F.Steinmaß							+	CPV1X-VI-P2-XX-D (2P/B)
Modification	Date	Name	Norm					Productionorder:			Pg	40
											Pg	40

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1	11	3/5		4	2	Part 1 of 2	4	2	
Blockeigenschaft [3]				4	2	Blockeigenschaft [1] Blockeigenschaft [2]	4	2	

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Project status					Makroprojekt SC-DC		CPV1X-VI-P4-XX-D	DE				
			Date	13.02.2013								
			Edit by	31.03.2014							=	CPV
			Appr.	F.Steinmaß							+	CPV1X-VI-P4-XX-D (4P/B)
Modification	Date	Name	Norm					Productionorder:			Pg	41
											Pg	41

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Project status					Makroprojekt SC-DC		CPV1X-VI-P6-XX-X	DE				
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			Edit by	31.03.2014				fstn		= CPV		
			Appr.	F.Steinmaß						+ CPV1X-VI-P6- (6P)		
Modification	Date	Name	Norm					Productionorder:				Pg 40
												Pg 42

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Project status					Makroprojekt SC-DC		CPV1X-VI-P8-XX-X	DE			
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		Edit by	31.03.2014 fstr					+ CPV1X-VI-P8- (8P)			
		Appr.	F.Steinmaß								
Modification	Date	Name	Norm					Productionorder:		Pg	40
										Pg	43

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R

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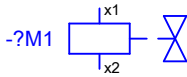
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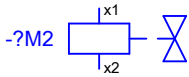
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Project status					Makroprojekt SC-DC		CPV1X-VI-P_xx-150	DE	
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		Edit by	31.03.2014 fstr					= CPV	
		Appr.	F.Steinmaß					+ CPV1X-VI-P.xx-150	
Modification	Date	Name	Norm					Productionorder:	
						Pg	40		
						Pg	40		



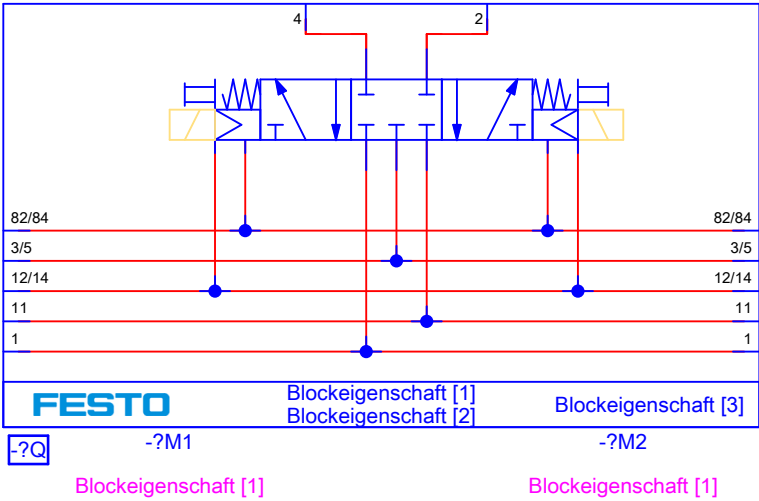
Blockeigenschaft [1]

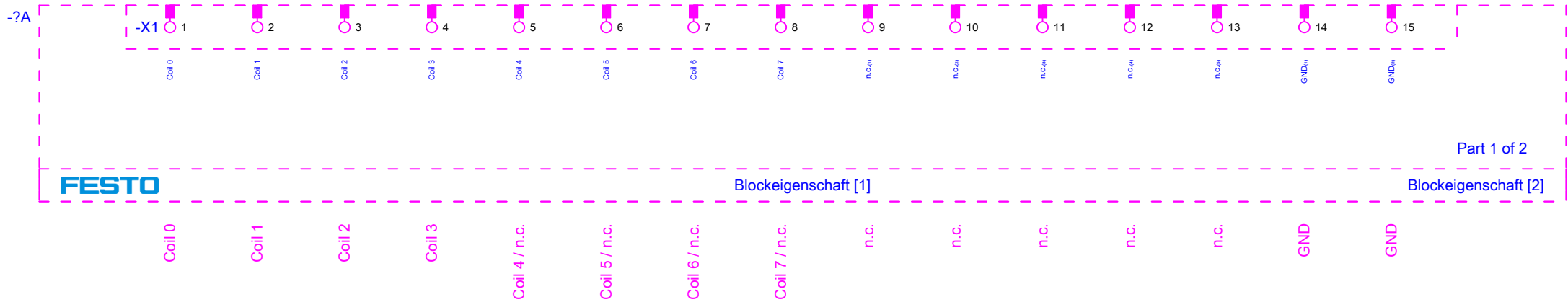
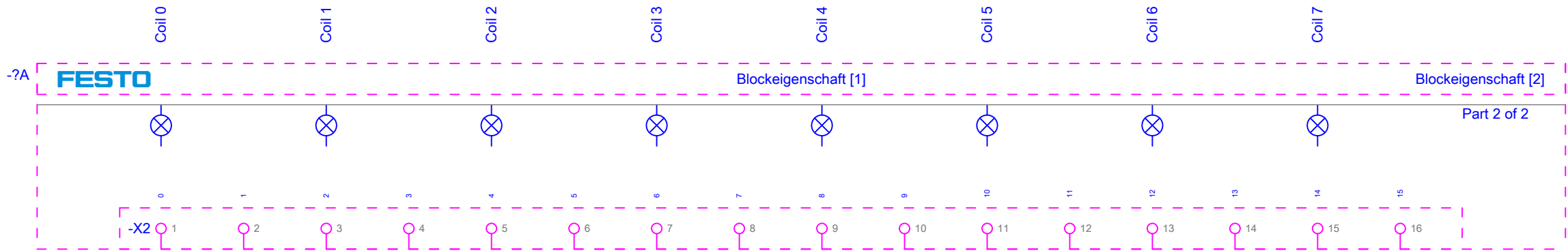


Blockeigenschaft [1]

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Project status					Makroprojekt SC-DC		CPV18-M1H-5/3GS-1/4	DE &176061_CPV18-M1H-5/3GS-1/4	
		Date	13.02.2013					= CPV	
		Edit by	31.03.2014 fstr					+ CPV18-M1H-5/3GS-1/4 (G)	
		Appr.	F.Steinmaß						
Modification	Date	Name	Norm						
					Productionorder:		Pg 20		
							Pg 40		



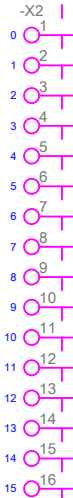


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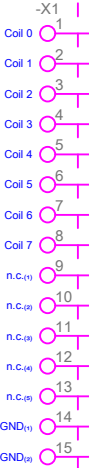
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			Date	13.02.2013								
			Edit by	31.03.2014				fstn			=	CPV
			Appr.	F.Steinmaß							+	CPVSC1-AE8-MS15
Modification	Date	Name	Norm					Productionorder:			Pg	50
											Pg	50

-?A

FESTO

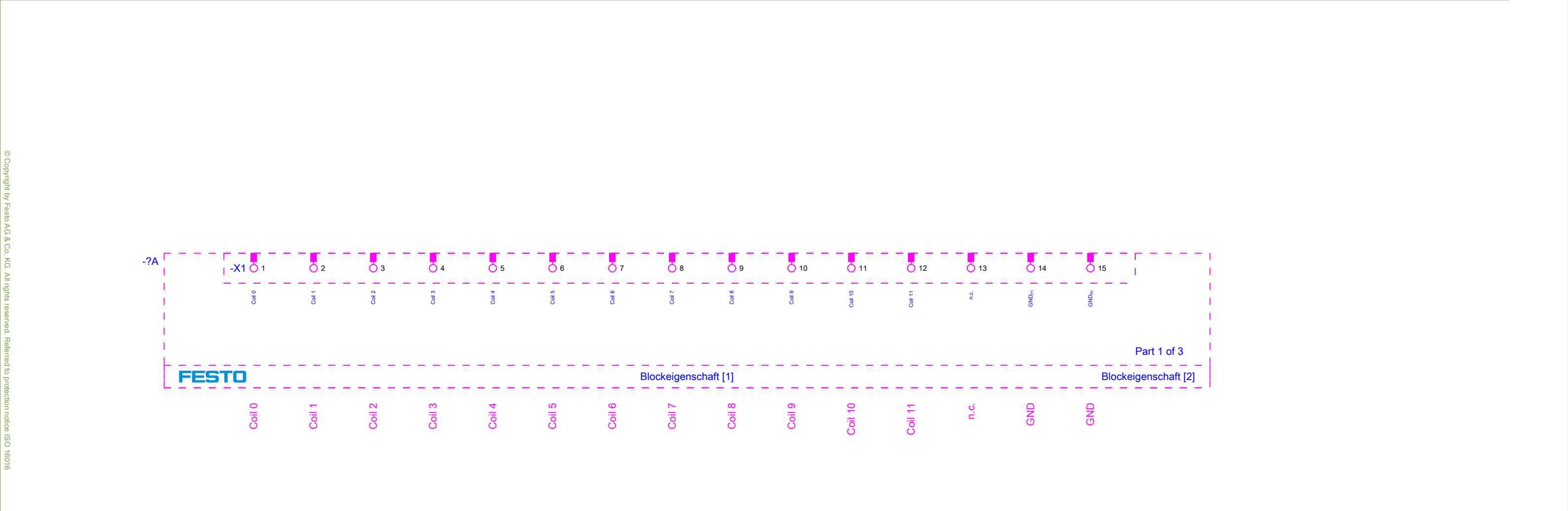
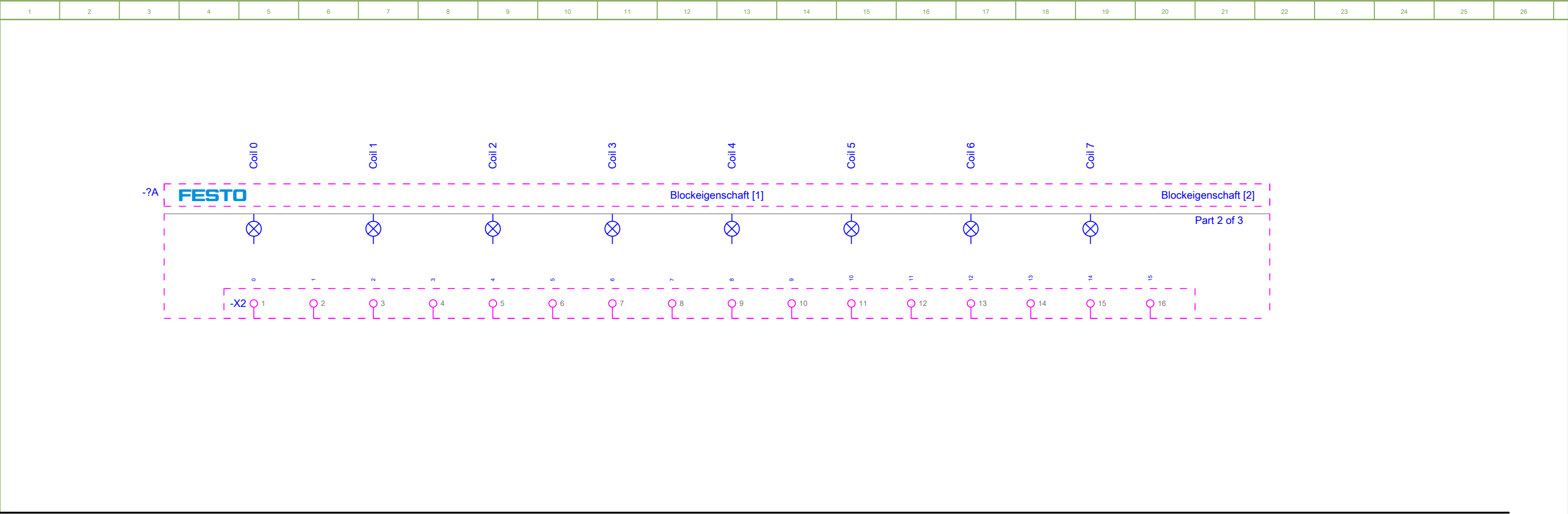


- Coil 0
- Coil 1
- Coil 2
- Coil 3
- Coil 4 / n.c.
- Coil 5 / n.c.
- Coil 6 / n.c.
- Coil 7 / n.c.
- n.c.
- n.c.
- n.c.
- n.c.
- n.c.
- GND
- GND



- Coil 0
- Coil 1
- Coil 2
- Coil 3
- Coil 4 / n.c.
- Coil 5 / n.c.
- Coil 6 / n.c.
- Coil 7 / n.c.
- n.c.
- n.c.
- n.c.
- n.c.
- n.c.
- GND
- GND

Blockeigenschaft [1]
Blockeigenschaft [2]



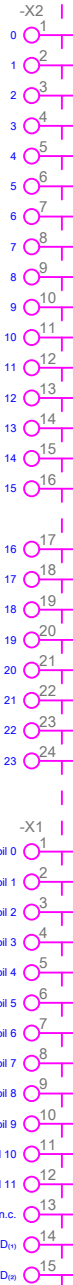
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			Edit by	18.06.2014				Project no.:		= CPV	
			Appr.	F.Steinmaß						+ CPVSC1-AE12-MS15	
Modification	Date	Name	Norm					Productionorder:		Pg	20
										Pg	50

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-?A

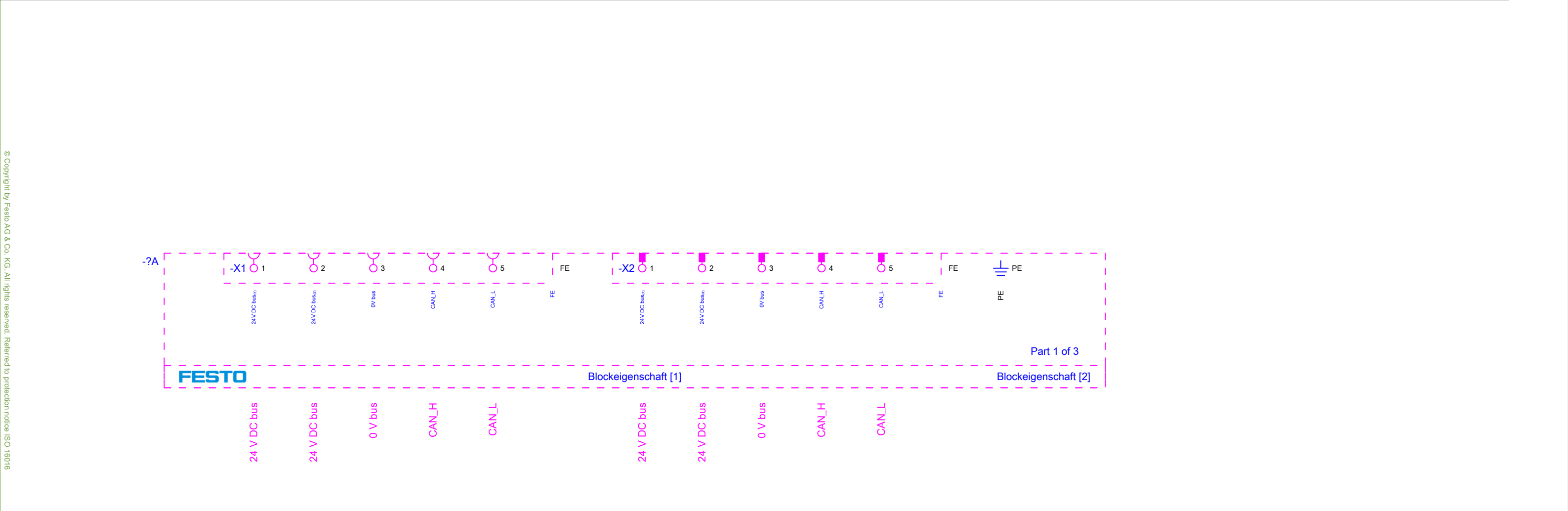
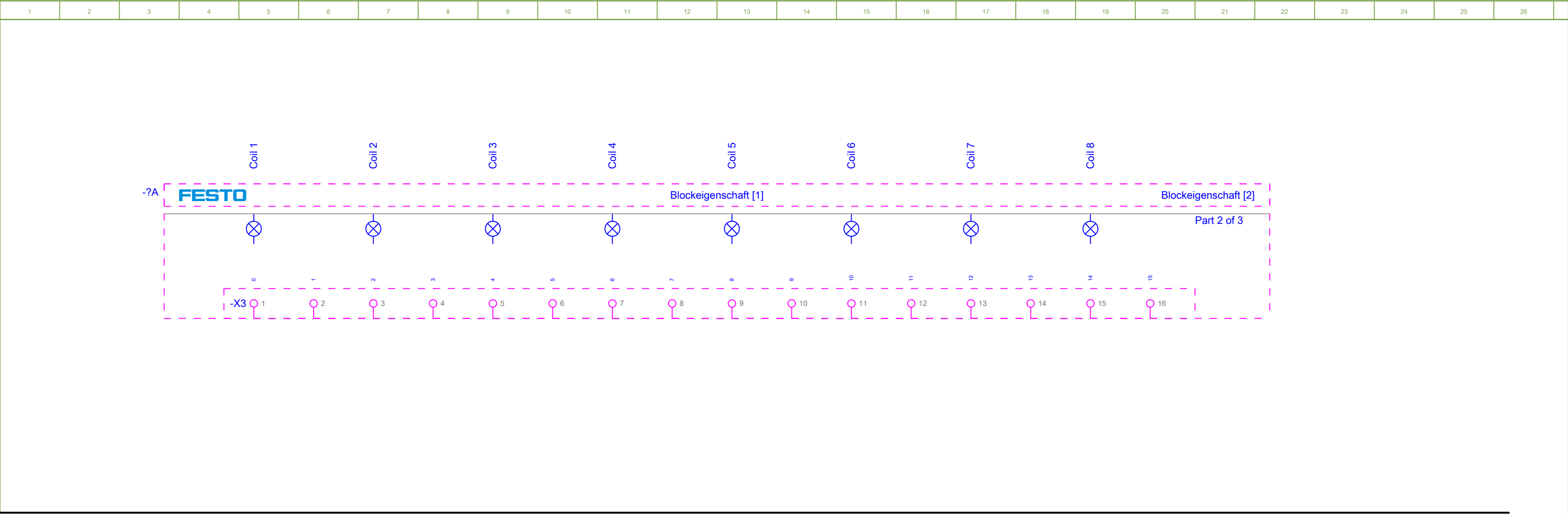
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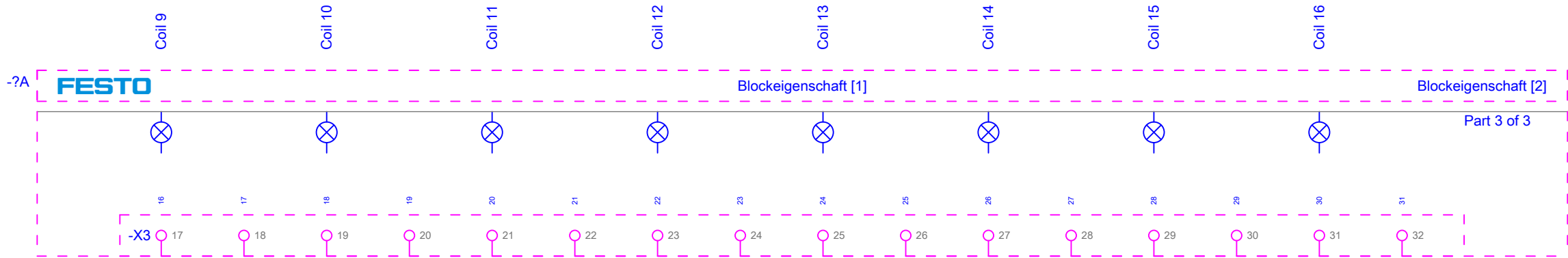
- Coil 0
- Coil 1
- Coil 2
- Coil 3
- Coil 4
- Coil 5
- Coil 6
- Coil 7
- Coil 8
- Coil 9
- Coil 10
- Coil 11
- n.c.
- GND
- GND

- Coil 0
- Coil 1
- Coil 2
- Coil 3
- Coil 4
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- Coil 7
- Coil 8
- Coil 9
- Coil 10
- Coil 11
- n.c.
- GND
- GND

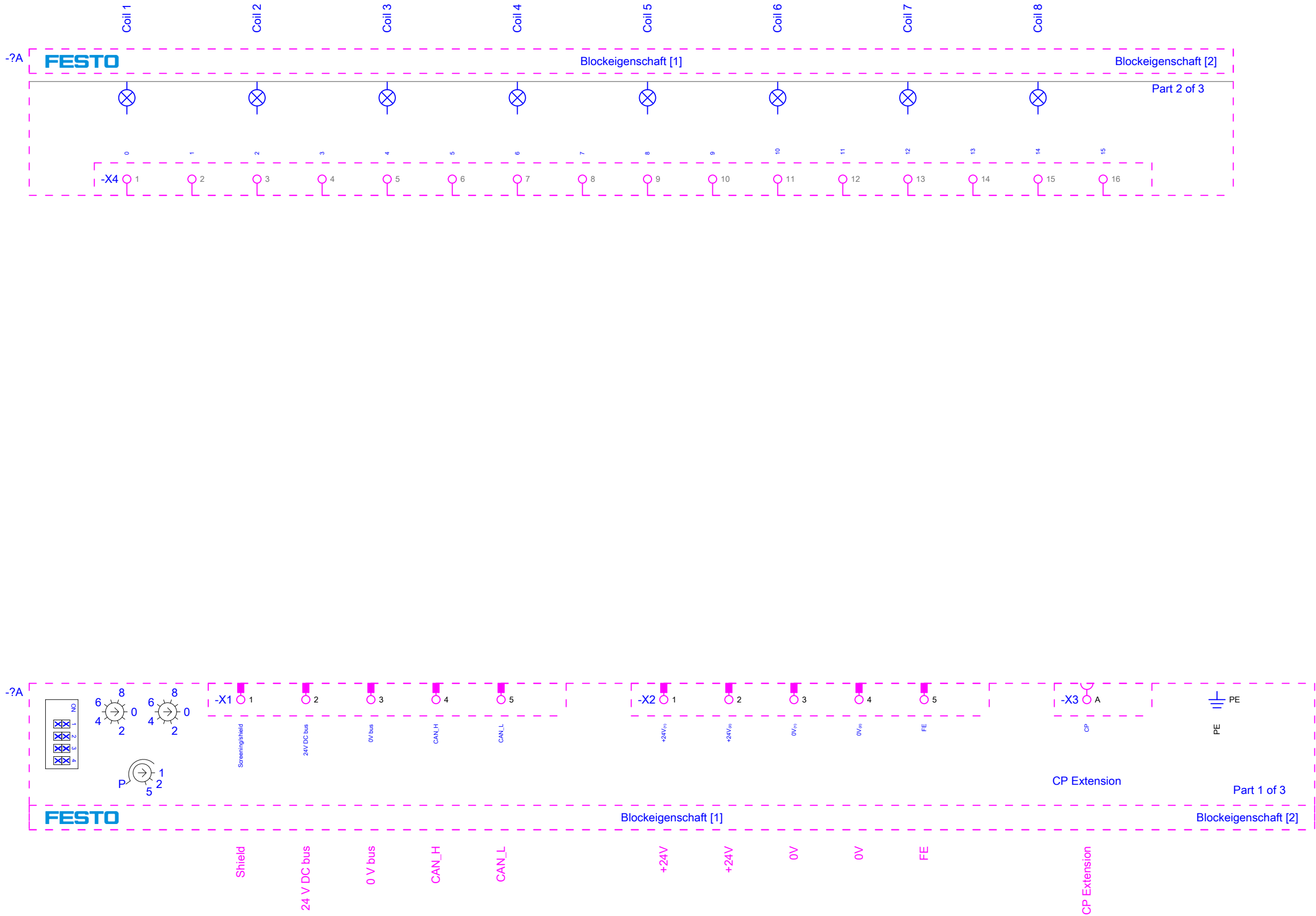
Blockeigenschaft [1]
Blockeigenschaft [2]



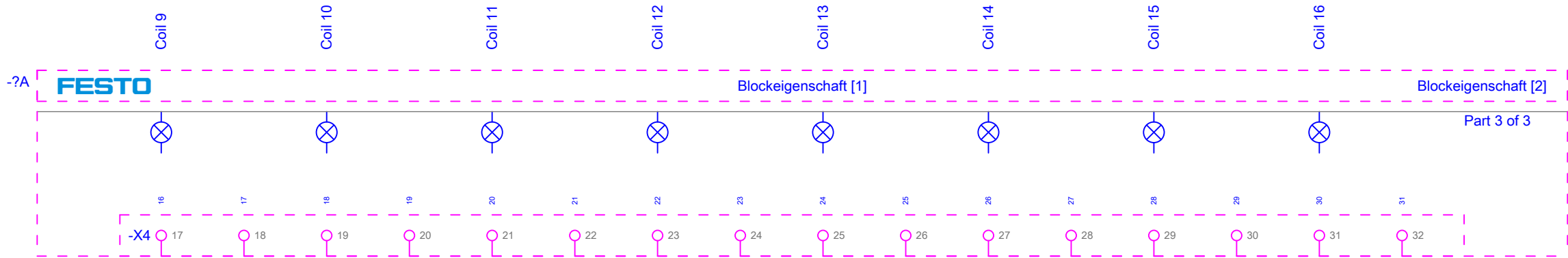
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			Edit by	18.06.2014				Project no.:		= CPV	
			Appr.	F. Steinmaß						+ CPVSC1-AE16-CPI	
Modification	Date	Name	Norm					Productionorder:		Pg	20
										Pg	50



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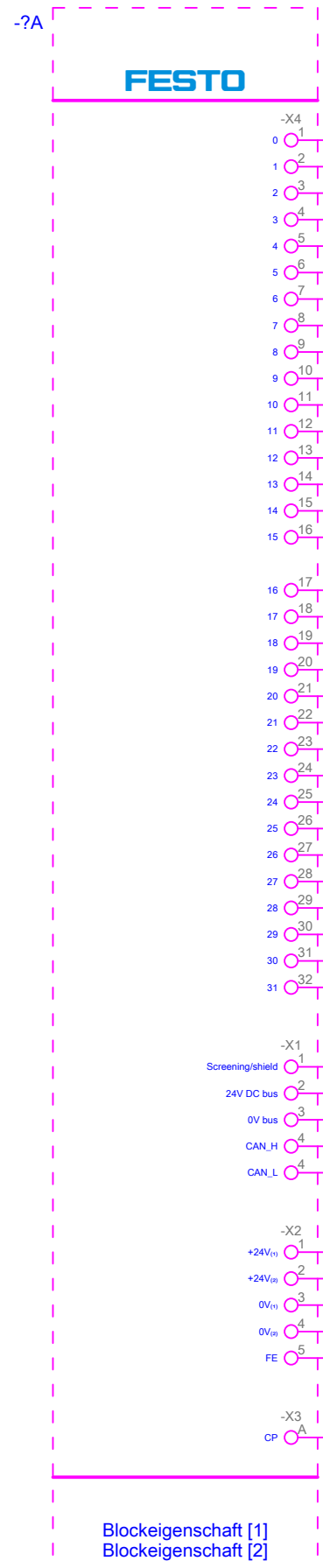


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			Date	13.02.2013									
			Edit by	31.03.2014				Project no.:		= CPV			
			Appr.	F.Steinmaß						+ CPVSC1-AE16-DN			
Modification	Date	Name	Norm					Productionorder:		Pg	20		
										Pg	50		



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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
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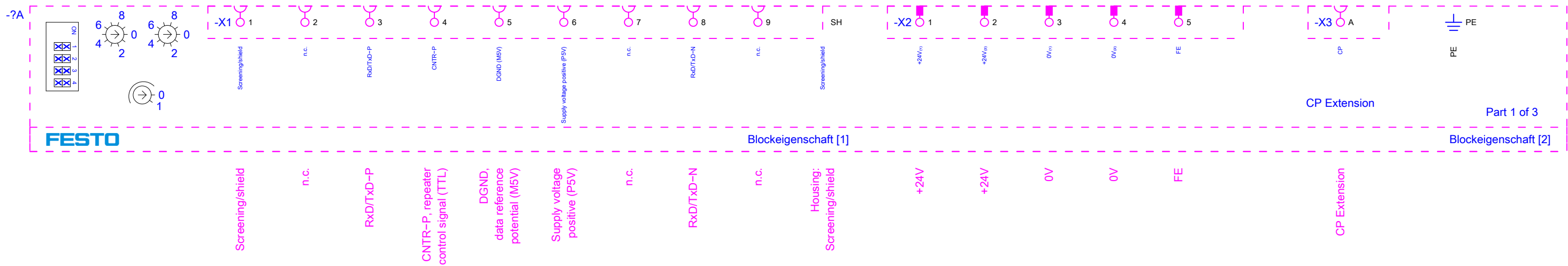
Shield
24 V DC bus
0 V bus
CAN_H
CAN_H

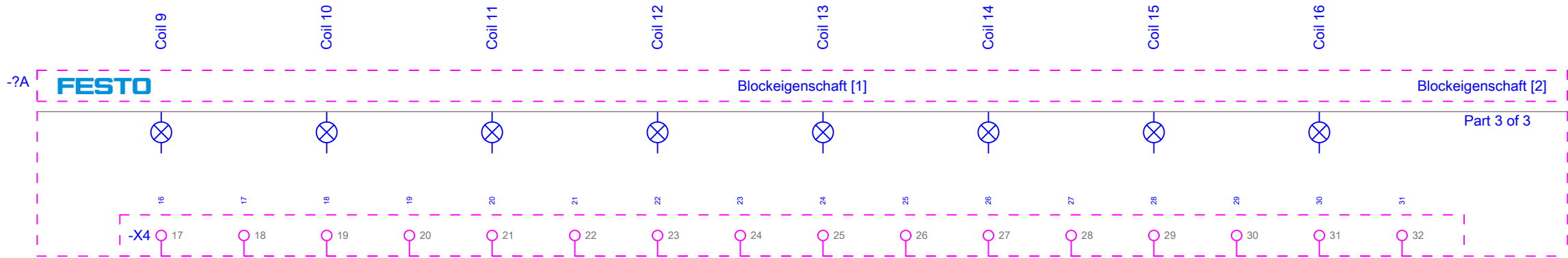
+24V
+24V
0V
0V
FE

CP Extension

Project status					Makroprojekt SC-DC		CPVSC1-AE16-DN	DE			
		Date	13.02.2013					=	CPV		
		Edit by	31.03.2014	fstn				+	CPVSC1-AE16-DN		
		Appr.	F.Steinmaß								
Modification	Date	Name	Norm					Productionorder:		Pg	50
							Pg	50			

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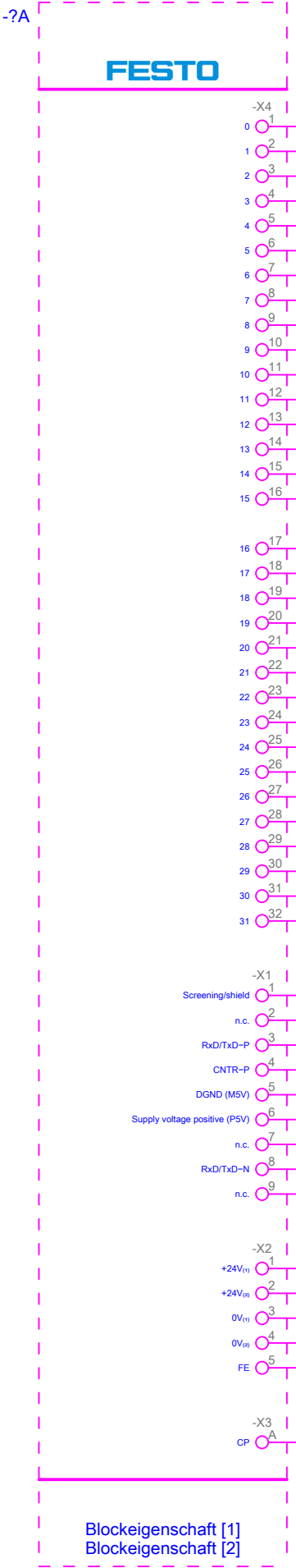
DIN A3



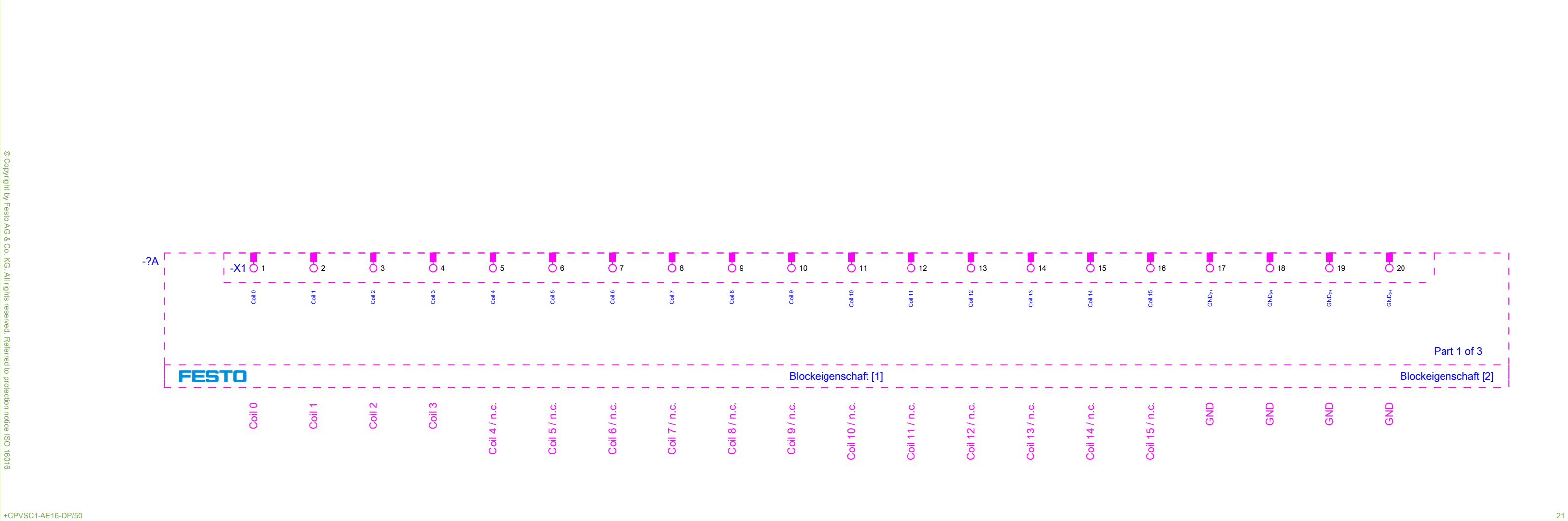
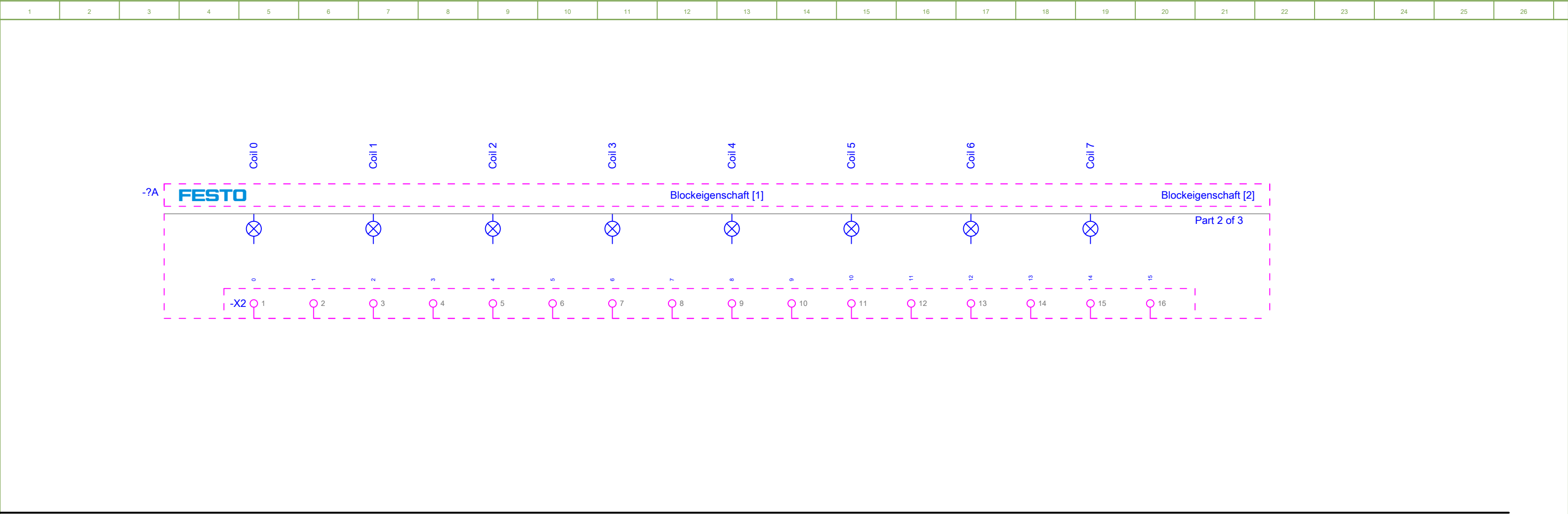
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21

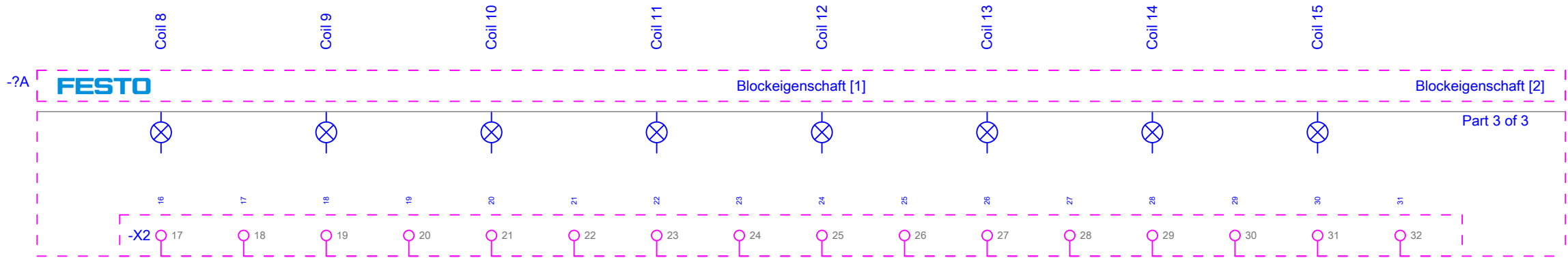


- Screening/shield
- n.c.
- RxD/TxD-P
- CNTR-P, repeater control signal (TTL)
- DGND, data reference potential (M5V)
- Supply voltage positive (P5V)
- n.c.
- RxD/TxD-N
- n.c.
- +24V
- +24V
- 0V
- 0V
- FE
- CP Extension



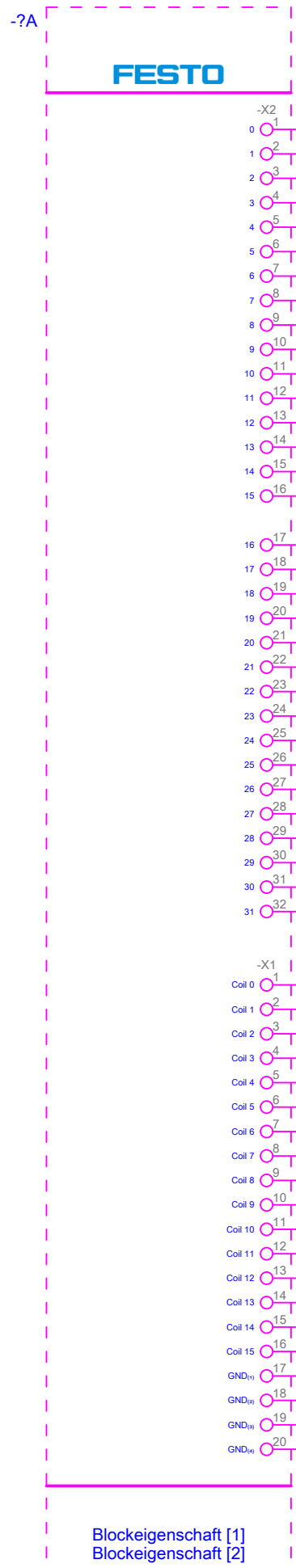
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			Date	13.02.2013						= CPV	
			Edit by	18.06.2014				fstn		+ CPVSC1-AE16-MF20	
			Appr.	F.Steinmaß							
Modification	Date	Name	Norm							Pg	20
										Pg	50

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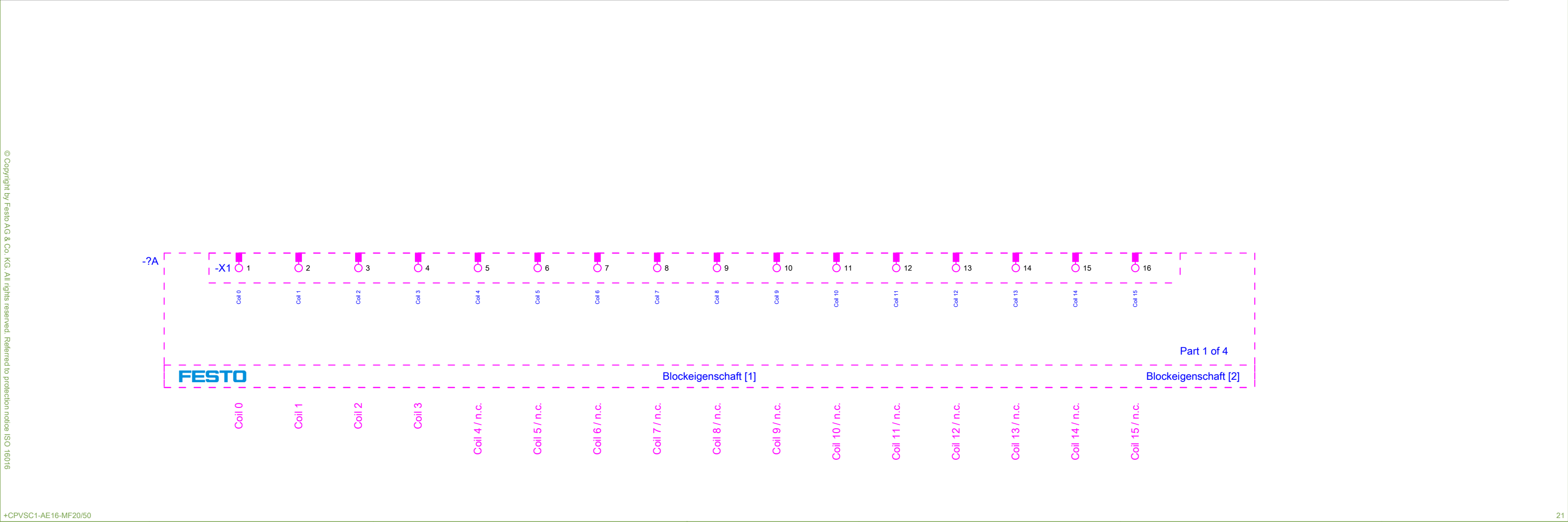
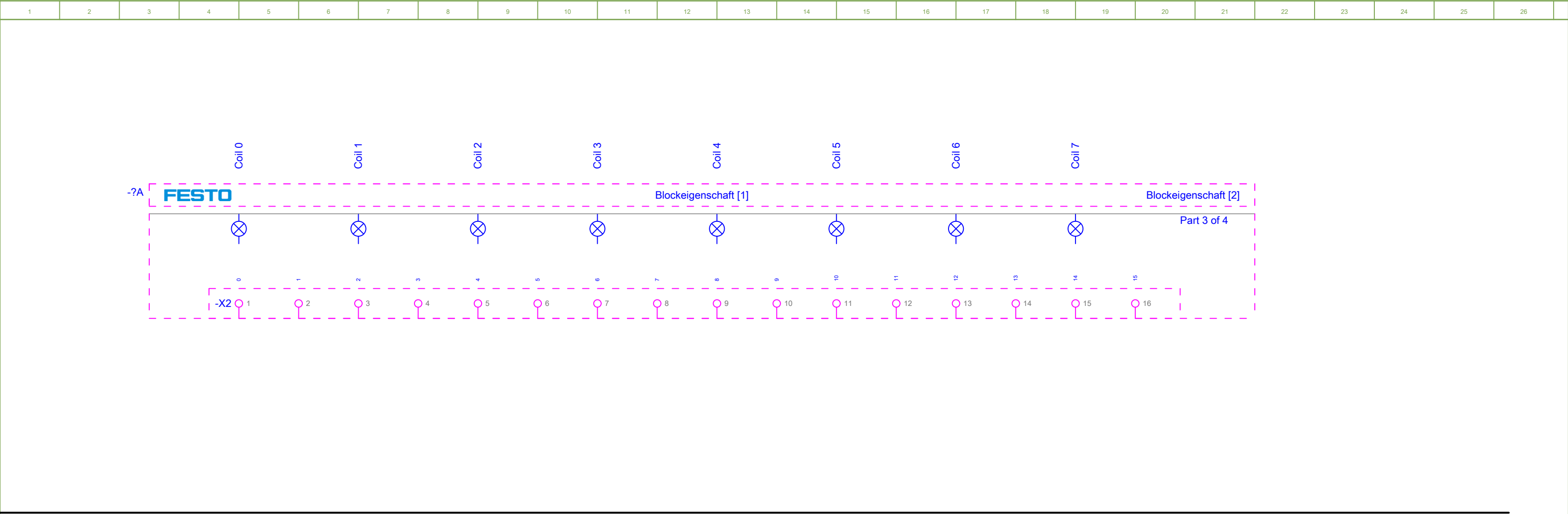
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Coil 0
Coil 1
Coil 2
Coil 3
Coil 4 / n.c.
Coil 5 / n.c.
Coil 6 / n.c.
Coil 7 / n.c.
Coil 8 / n.c.
Coil 9 / n.c.
Coil 10 / n.c.
Coil 11 / n.c.
Coil 12 / n.c.
Coil 13 / n.c.
Coil 14 / n.c.
Coil 15 / n.c.

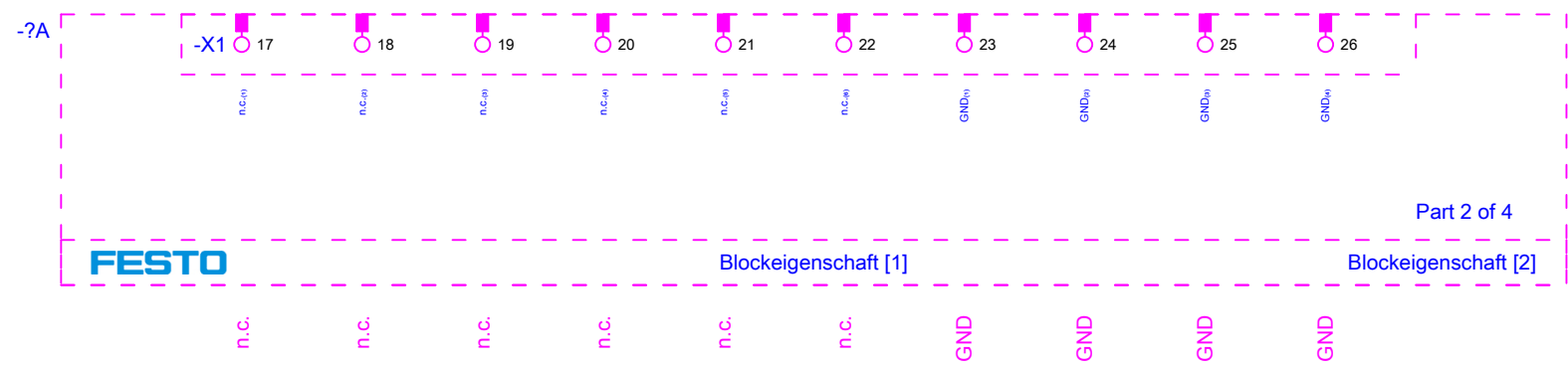
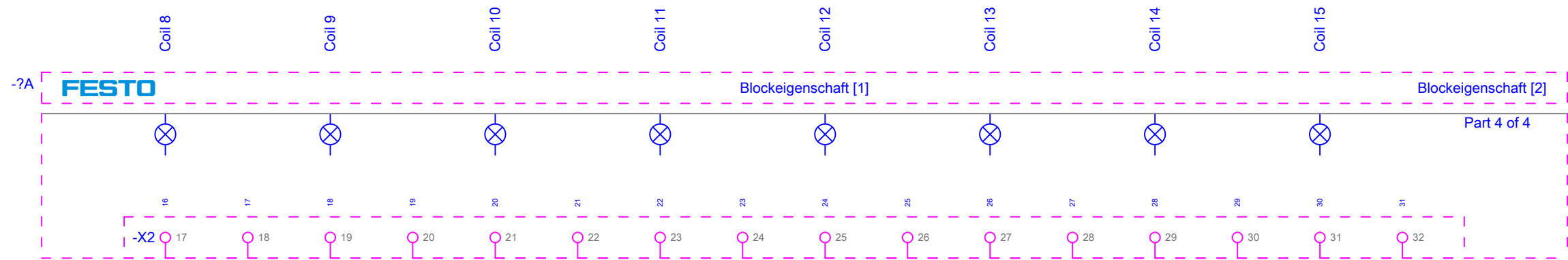
Coil 0
Coil 1
Coil 2
Coil 3
Coil 4 / n.c.
Coil 5 / n.c.
Coil 6 / n.c.
Coil 7 / n.c.
Coil 8 / n.c.
Coil 9 / n.c.
Coil 10 / n.c.
Coil 11 / n.c.
Coil 12 / n.c.
Coil 13 / n.c.
Coil 14 / n.c.
Coil 15 / n.c.
GND
GND
GND
GND

Project status					Makroprojekt SC-DC		CPVSC1-AE16-MF20	DE			
		Date	13.02.2013					=	CPV		
		Edit by	31.03.2014	fstn				+	CPVSC1-AE16-MF20		
		Appr.	F.Steinmaß								
Modification	Date	Name	Norm					Productionorder:		Pg	50
							Pg	50			



Project status					Makroprojekt SC-DC		CPVSC1-AE16-MH26	DE			
		Date	13.02.2013							=	CPV
		Edit by	18.06.2014	fstn						+	CPVSC1-AE16-MH26
		Appr.	F.Steinmaß								
Modification	Date	Name	Norm							Pg	20
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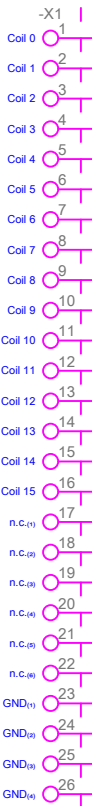
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[illegible]

Project status					Makroprojekt SC-DC		CPVSC1-AE16-MH26	DE			
		Date	13.02.2013					= CPV			
		Edit by	31.03.2014fstn								
		Appr.	F.Steinmaß								
Modification	Date	Name	Norm					Productionorder:		Pg	21
							Pg	51			

-?A

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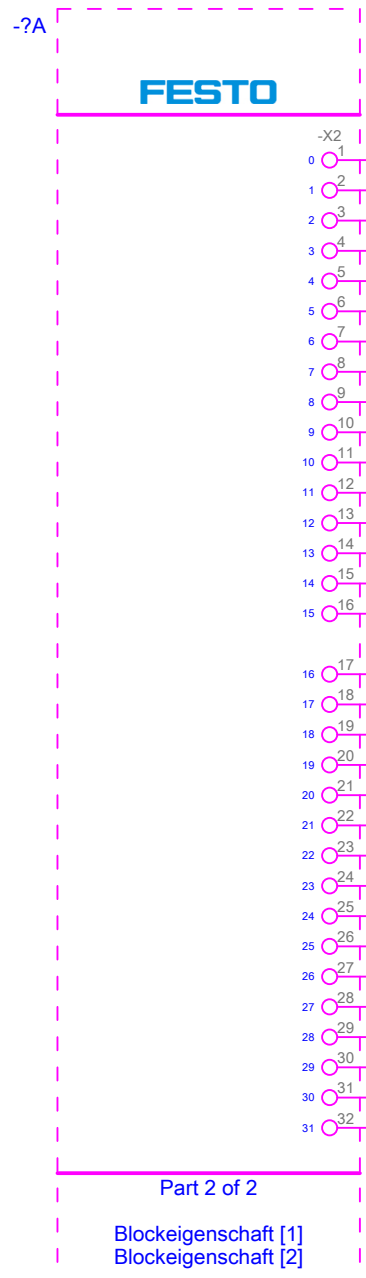


- Coil 0
- Coil 1
- Coil 2
- Coil 3
- Coil 4 / n.c.
- Coil 5 / n.c.
- Coil 6 / n.c.
- Coil 7 / n.c.
- Coil 8 / n.c.
- Coil 9 / n.c.
- Coil 10 / n.c.
- Coil 11 / n.c.
- Coil 12 / n.c.
- Coil 13 / n.c.
- Coil 14 / n.c.
- Coil 15 / n.c.
- n.c.
- n.c.
- n.c.
- n.c.
- n.c.
- n.c.
- GND
- GND
- GND
- GND

Part 1 of 2

Blockeigenschaft [1]
Blockeigenschaft [2]

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
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Coil 0
Coil 1
Coil 2
Coil 3
Coil 4 / n.c.
Coil 5 / n.c.
Coil 6 / n.c.
Coil 7 / n.c.
Coil 8 / n.c.
Coil 9 / n.c.
Coil 10 / n.c.
Coil 11 / n.c.
Coil 12 / n.c.
Coil 13 / n.c.
Coil 14 / n.c.
Coil 15 / n.c.

Project status					Makroprojekt SC-DC		CPVSC1-AE16-MH26	DE				
		Date	13.02.2013					=	CPV			
		Edit by	31.03.2014	fstn				+	CPVSC1-AE16-MH26			
		Appr.	F.Steinmaß								Pg	51
Modification	Date	Name	Norm								Pg	51

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+CPVSC1-AE16-MH26/51

+CPVSC1-EPL-I/40

Project status					Makroprojekt SC-DC		CPVSC1-EPL-E	DE					
			Date	13.02.2013				Project no.:		=	CPV		
			Edit by	31.03.2014						+	CPVSC1-EPL-E		
			Appr.	F.Steinmaß								Pg	40
Modification	Date	Name	Norm					Productionorder:				Pg	40

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+CPVSC1-EPL-E/40

+CPVSC1-EPR-G/40

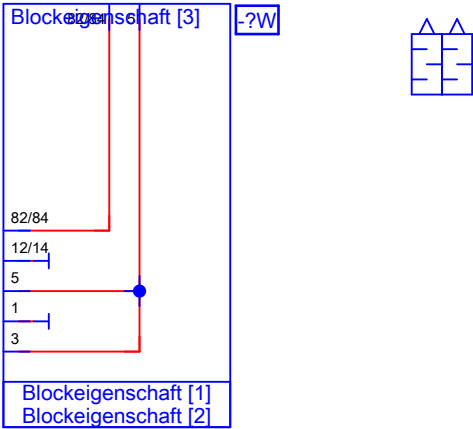
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			Edit by	31.03.2014				= CPV			
			Appr.	F.Steinmaß				+ CPVSC1-EPL-I			
Modification	Date	Name	Norm					Productionorder:		Pg	40
										Pg	40

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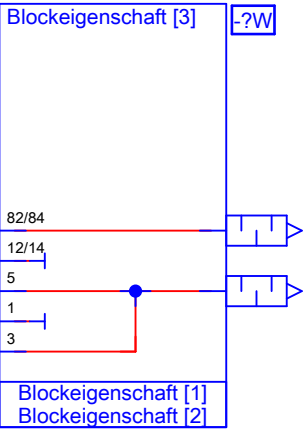
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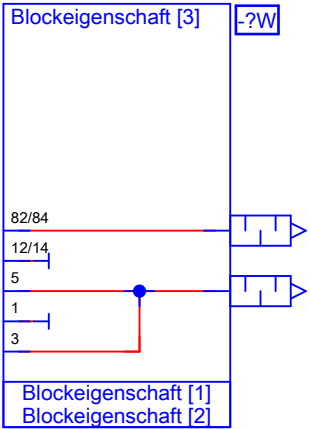
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			Edit by	31.03.2014				= CPV					
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Modification	Date	Name	Norm					Productionorder:				Pg	40
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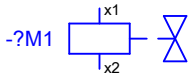


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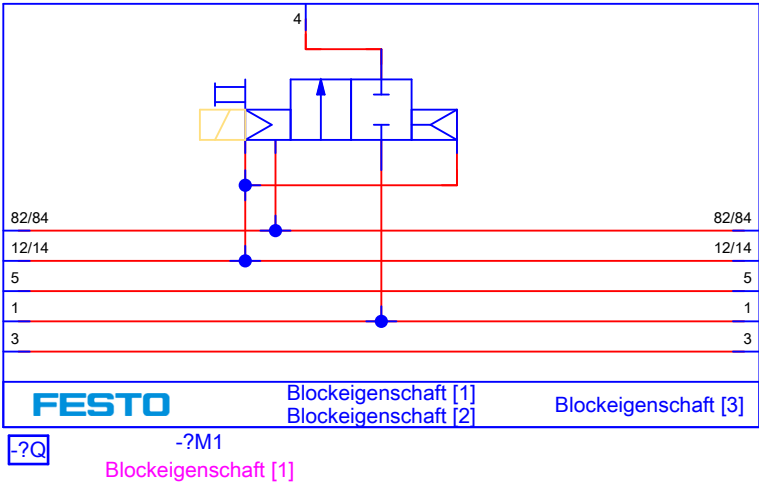


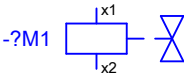


Blockeigenschaft [1]

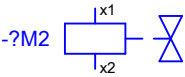
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Project status					Makroprojekt SC-DC		CPVSC1-MXHX-D-X-XX	DE								
		Date	13.02.2013					= CPV								
		Edit by	31.03.2014 fstr													
		Appr.	F.Steinmaß					+ CPVSC1-MXHX-D- (D)								
Modification	Date	Name	Norm							Pg 20						
Productionorder:								Pg 40								





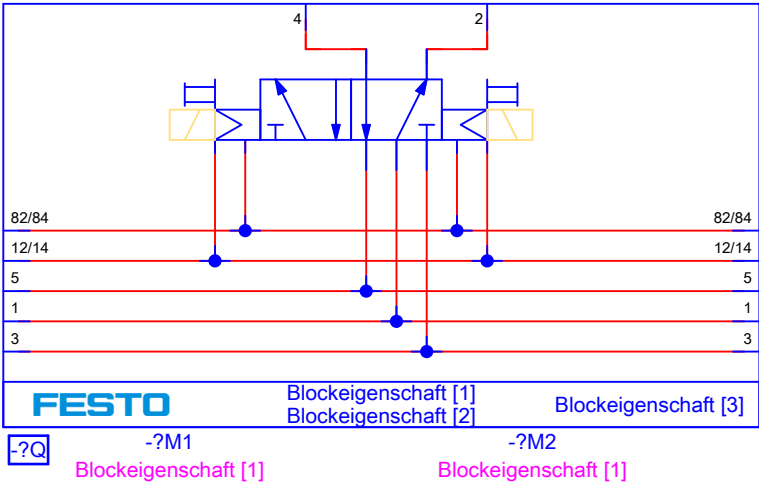
Blockeigenschaft [1]

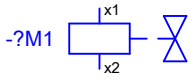


Blockeigenschaft [1]

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Project status					Makroprojekt SC-DC		CPVSC1-MXHX-J-X-XX	DE						
		Date	13.02.2013											
		Edit by	31.03.2014 fstr					Project no.:		= CPV				
		Appr.	F.Steinmaß							+ CPVSC1-MXHX-J- (J)				
Modification	Date	Name	Norm					Productionorder:			Pg 20			
											Pg 40			



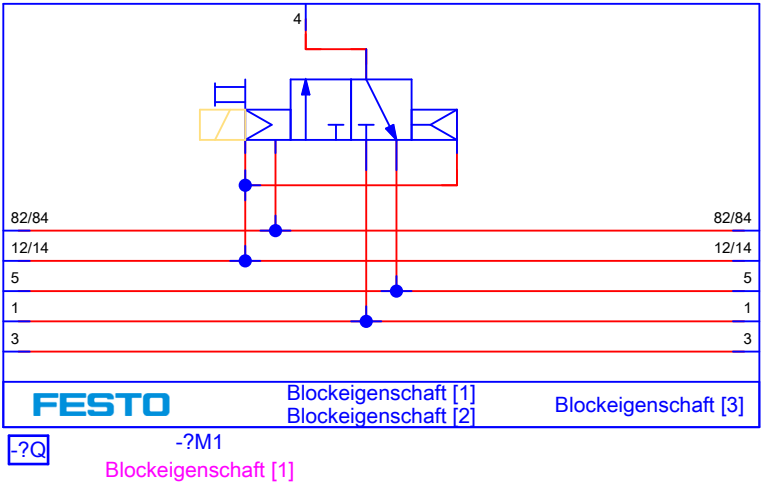


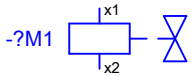
Blockeigenschaft [1]

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Project status					Makroprojekt SC-DC		CPVSC1-MXHX-K-X-XXX	DE								
		Date	13.02.2013							= CPV						
		Edit by	31.03.2014 fstr													
		Appr.	F.Steinmaß							+ CPVSC1-MXHX-K- (K)						
Modification	Date	Name	Norm													
Productionorder:								Pg	20							
								Pg	40							

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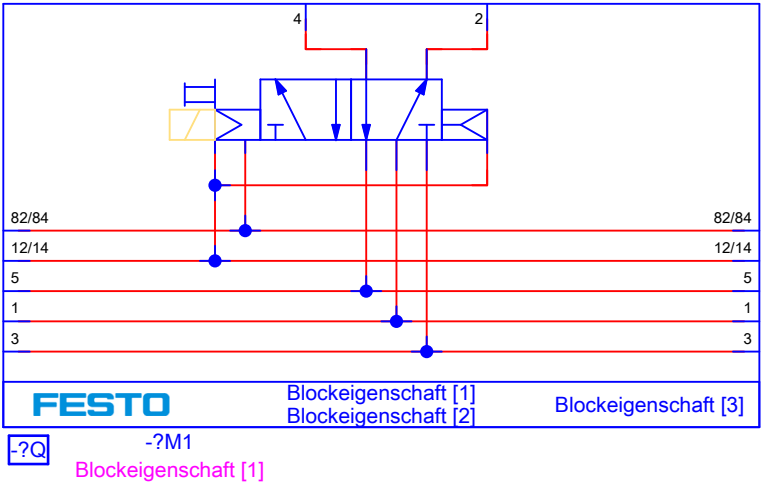


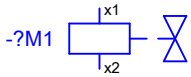
Blockeigenschaft [1]

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+CPVSC1-MXHX-K- (K)/4040

Project status					Makroprojekt SC-DC		CPVSC1-MXHX-M-X-XX	DE					
		Date	13.02.2013										
		Edit by	31.03.2014					= CPV					
		Appr.	F.Steinmaß					+ CPVSC1-MXHX-M- (M)					
Modification	Date	Name	Norm					Productionorder:		Pg 20			
										Pg 40			





Blockeigenschaft [1]

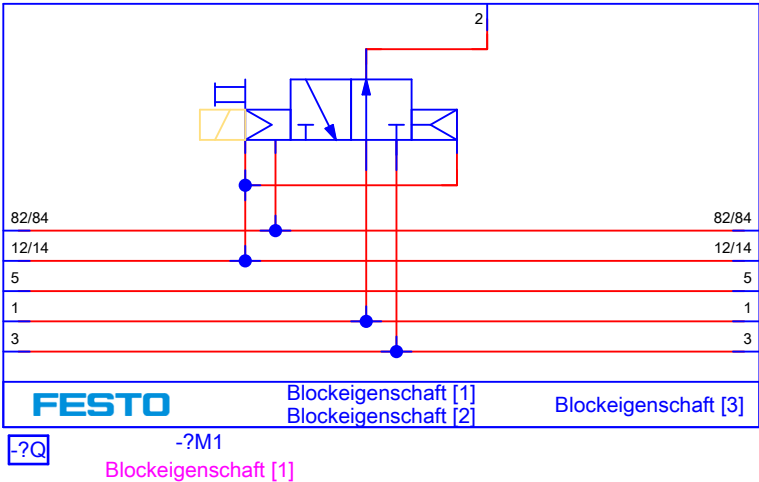
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+CPVSC1-MXHX-M- (M)/4040

Project status					Makroprojekt SC-DC		CPVSC1-MXHX-N-X-XXX	DE					
		Date	13.02.2013					= CPV					
		Edit by	31.03.2014 fstr										
		Appr.	F.Steinmaß										
Modification	Date	Name	Norm					Productionorder:		Pg 20			
										Pg 40			

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12/14

12/14

5

5

1

1

3

3

FESTO

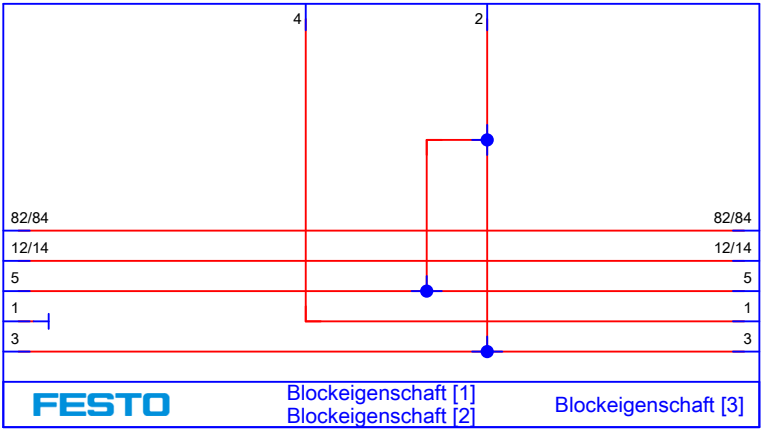
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Blokeigschaft [2]

Blokeigschaft [3]

-?W

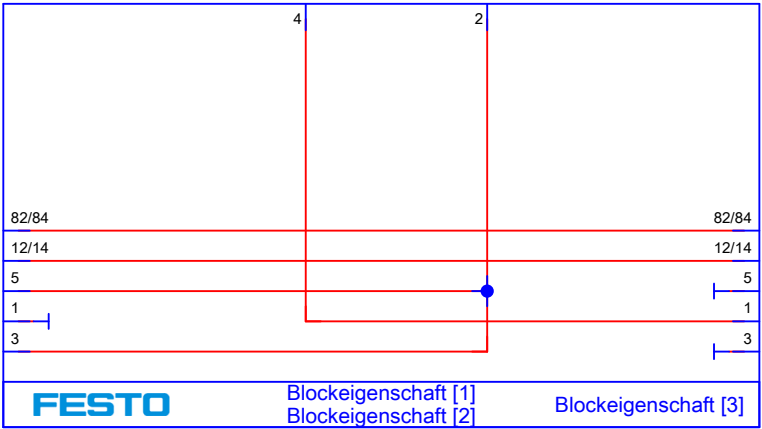
Project status					Makroprojekt SC-DC		CPVSC1-RP-B	DE			
			Date	13.02.2013							
			Edit by	31.03.2014						= CPV	
			Appr.	F.Steinmaß						+ CPVSC1-RP-B (L)	
Modification	Date	Name	Norm					Productionorder:		Pg 40	
										Pg 40	

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+CPVSC1-SP-P- (U)/40=CPX++1 CPX-POWER_SUPPLY+50E_-/20

Project status					Makroprojekt SC-DC		CPVSC1-SP-PRS-XX	DE			
			Date	13.02.2013							
			Edit by	31.03.2014				= CPV			
			Appr.	F. Steinmaß				+ CPVSC1-SP-PRS- (S)			
Modification	Date	Name	Norm					Productionorder:		Pg	40
										Pg	40