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SABA WATER TREATMENT Control Panel & Junction Boxes & LCB Detail Drawing FOR CONSTRUCTION									

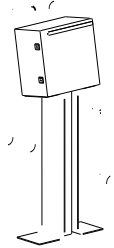
				Date		Client: 	Contractor: 	Control Circuit Diagram TITLE	SABA WATER TREATMENT		=	
				Drawn							+	
01	FOR CONSTRUCTION	AUG 2019	N.SADEGHI	Check								
Rev.	Descript.	Date	Name	Approv				Descript.	Job Nr. FALAT	Dwg.Nr. 2S-91-57-16-R10-096	Page Follow	03 4

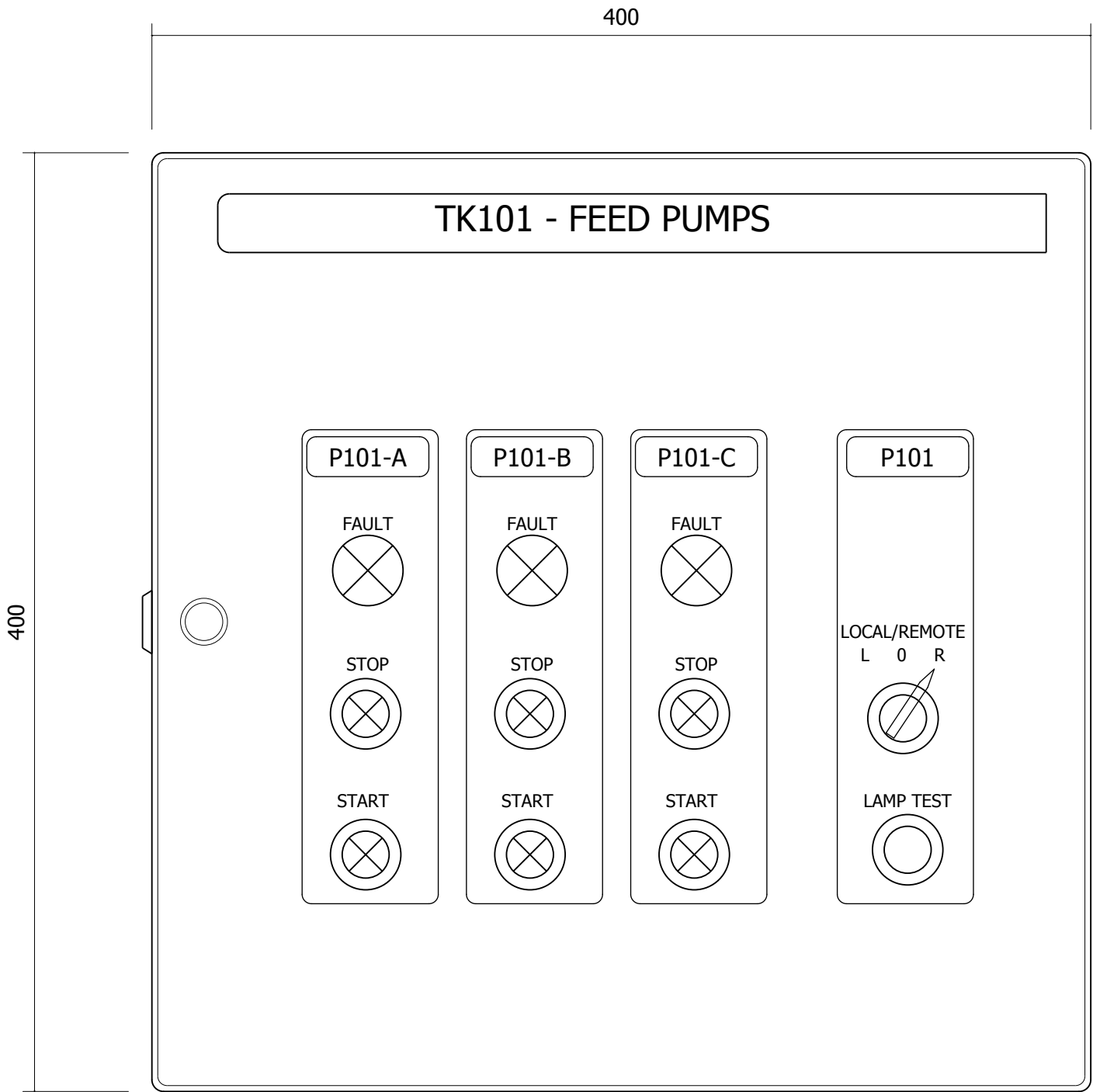
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		02		NETWORK						=P01		105	00	DIGITAL INPUT					
		03	00	RACK						=P01		106	00						

0		1		2		3		4		5		6		7		8		9	
Mounting location		Page	Rev	Page description															
=P02		22	00	A100 CARDS						=P03		10	00	POWER SUPPLY DISTRIBUTION					
=P02		24	00	A200 CARDS						=P03		12	00	POWER SUPPLY DISTRIBUTION					
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=P02		101	00	DIGITAL INPUT						=P03									

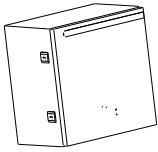
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=P04		04	00	INSIDE VIEW						=P04		205	00	DIGITAL INPUT					
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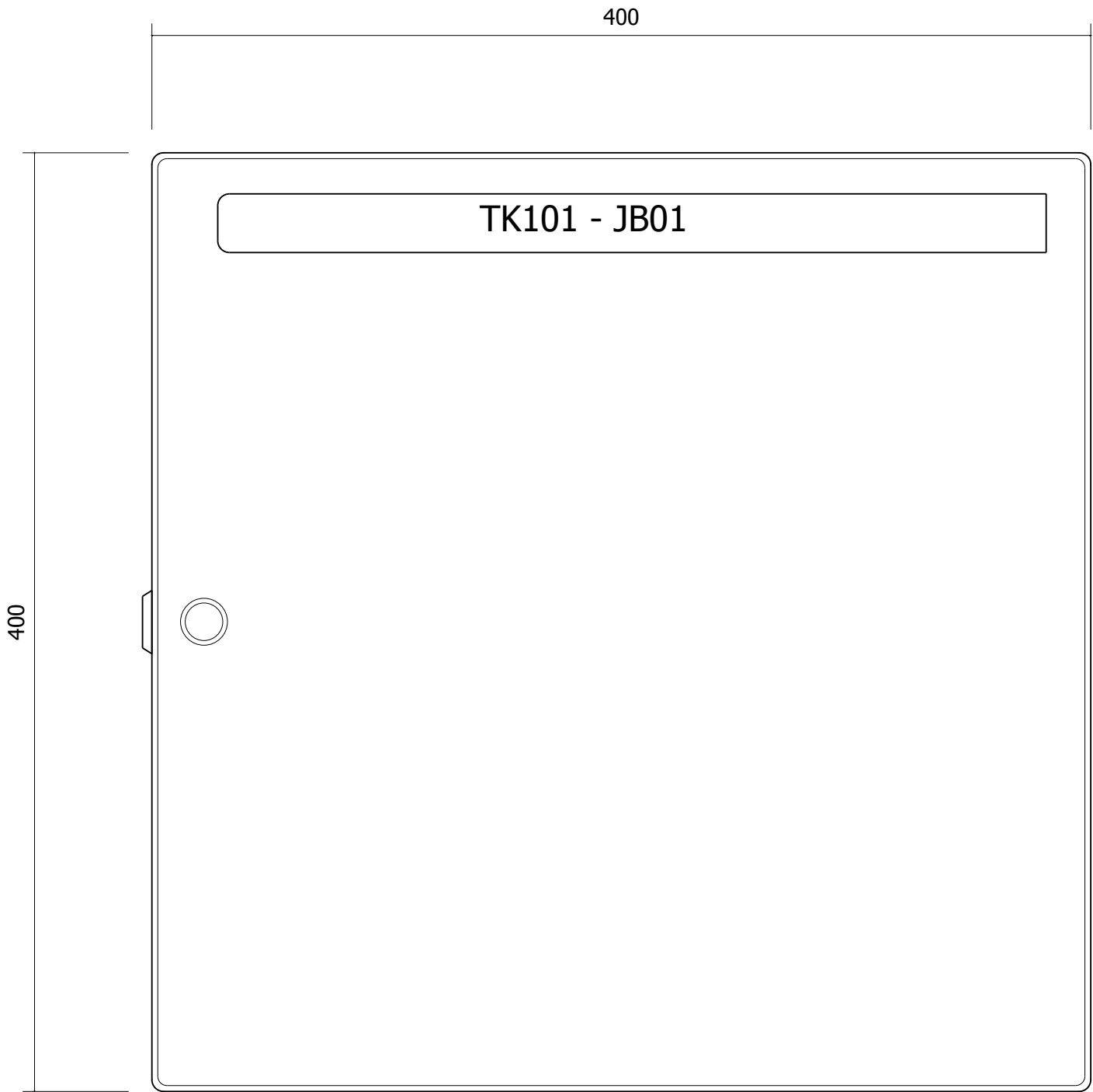
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=P05		204	00	DIGITAL INPUT		=P06		202	00	DIGITAL INPUT									
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0	1	2	3	4	5	6	7	8	9
	Protection degree	IP54							
	Material	RAL 7035							
	Lock insert	Double-Bit 3mm Insert							
	Weight	-							
	Power loss	-							
	Dimensions	W400xH400xD250 mm							
	Mounting	On column							
	Manufactured	SATHA							
Code									

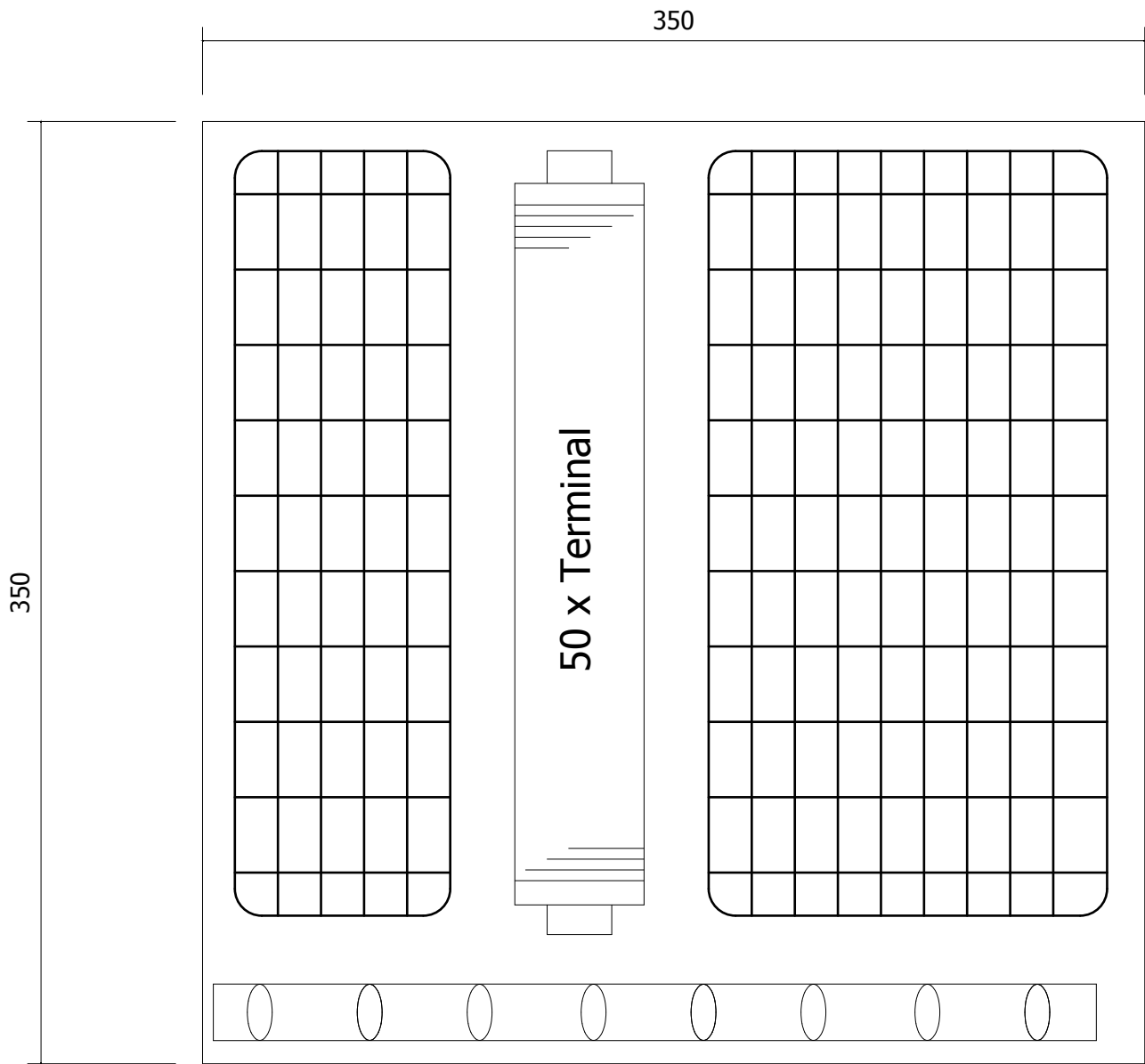


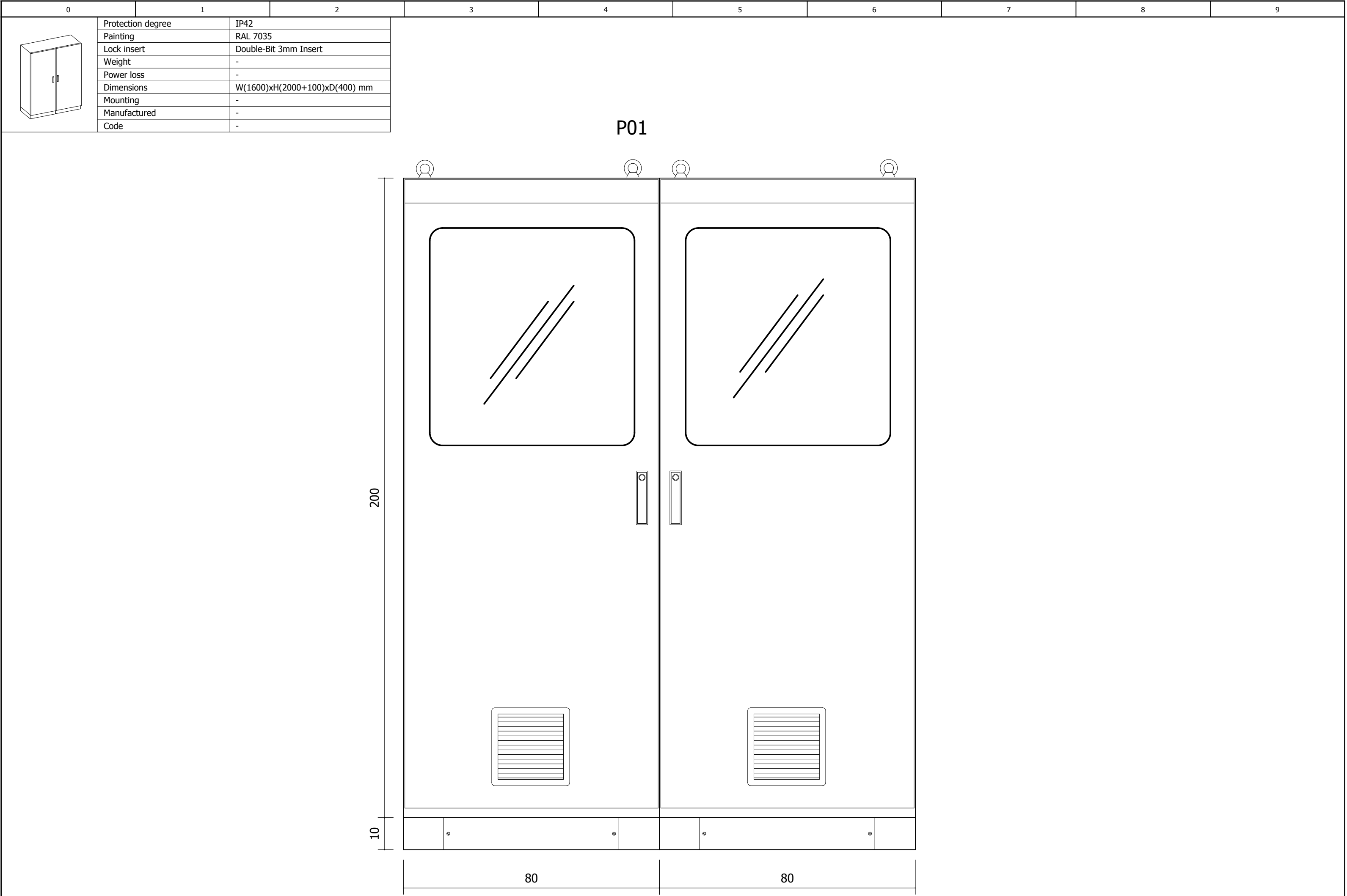
External view

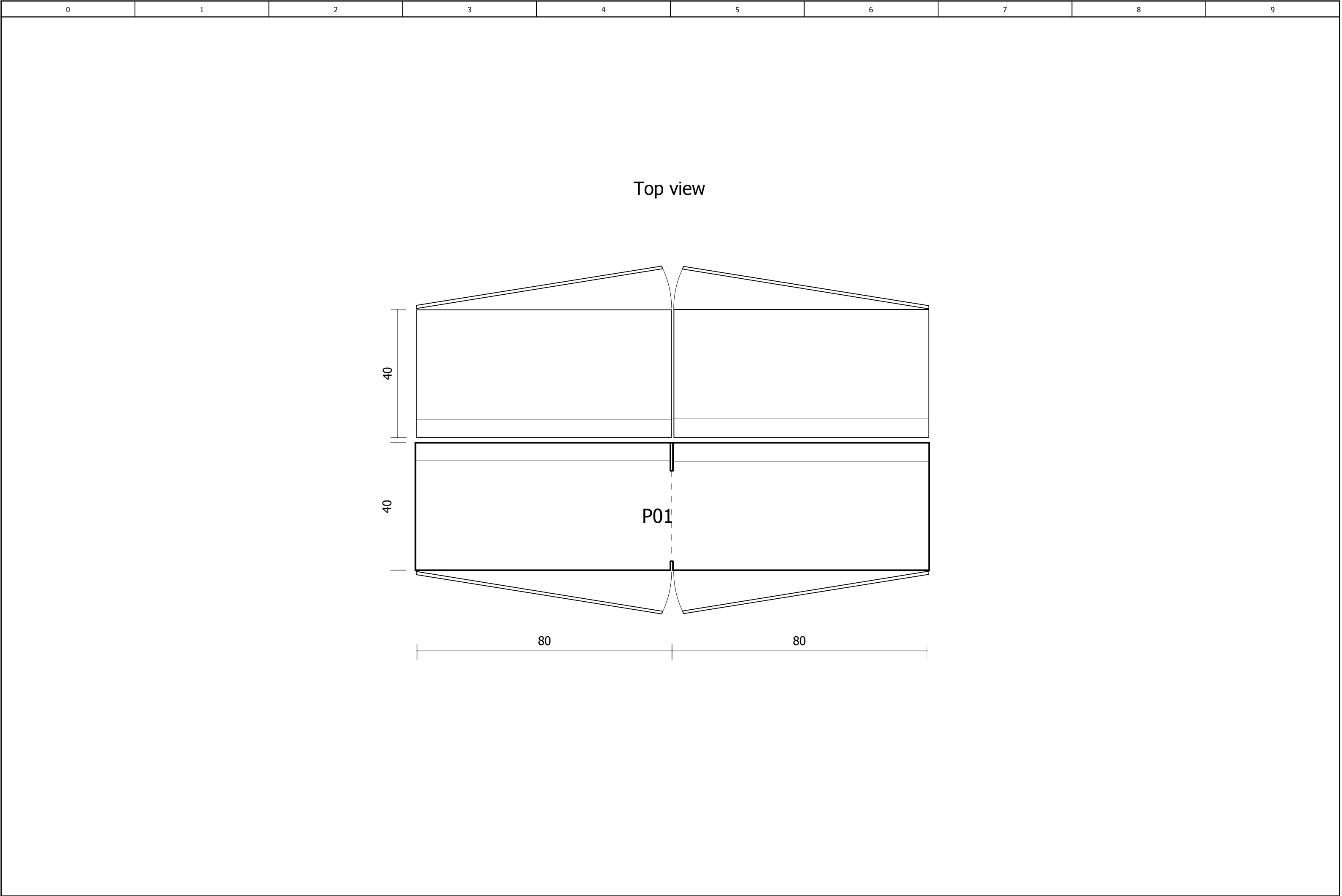
0	1	2	3	4	5	6	7	8	9
	Protection degree	IP54							
	Material	RAL 7035							
	Lock insert	Double-Bit 3mm Insert							
	Weight	-							
	Power loss	-							
	Dimensions	W400xH400xD250 mm							
	Mounting	On wall							
	Manufactured	SATHA							
Code									

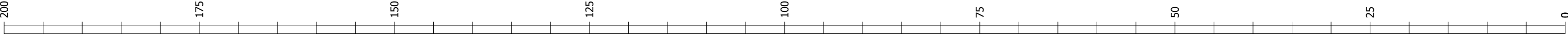
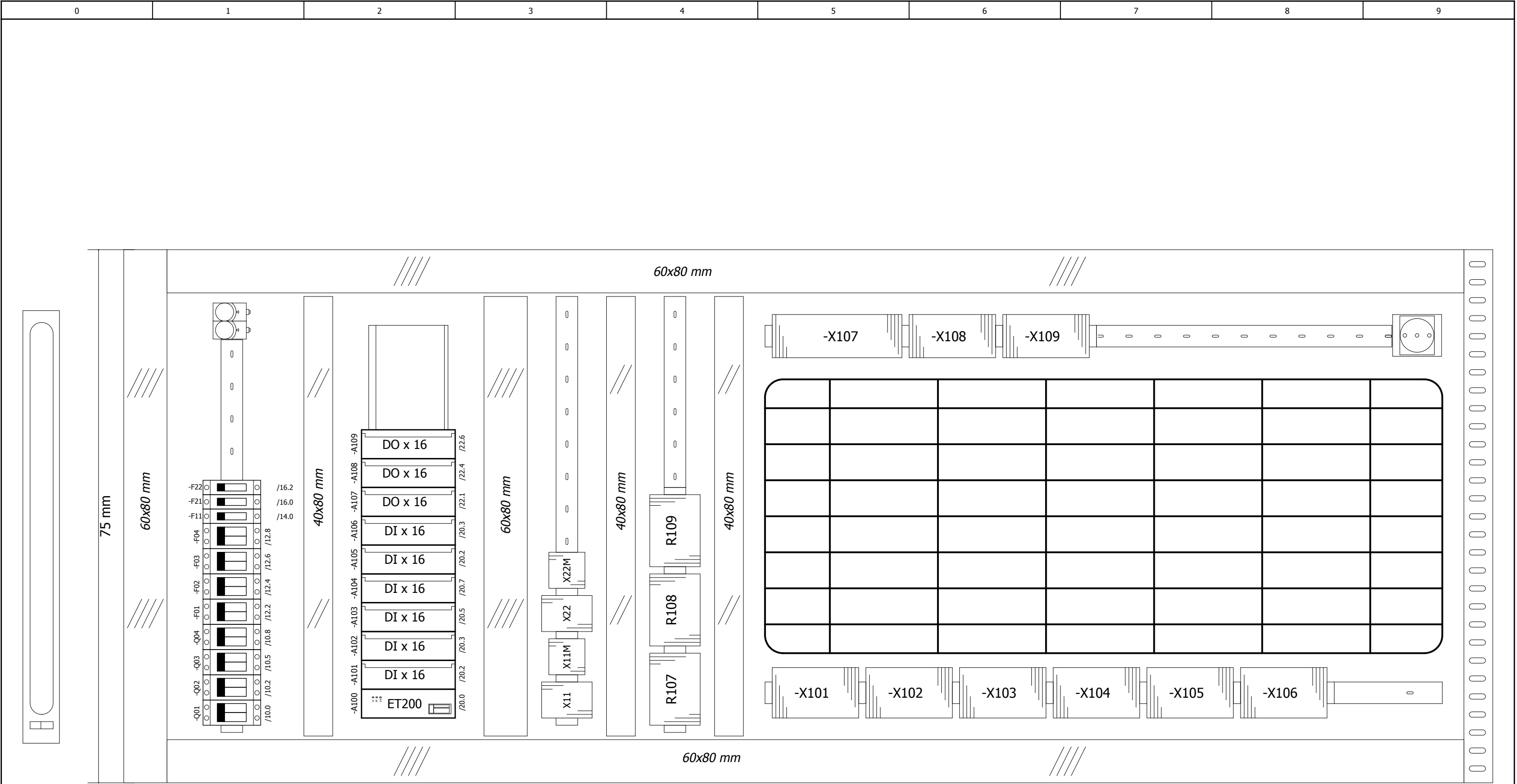


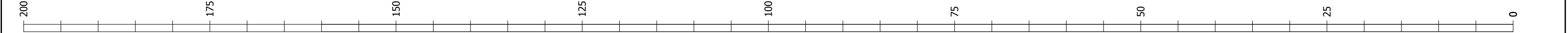
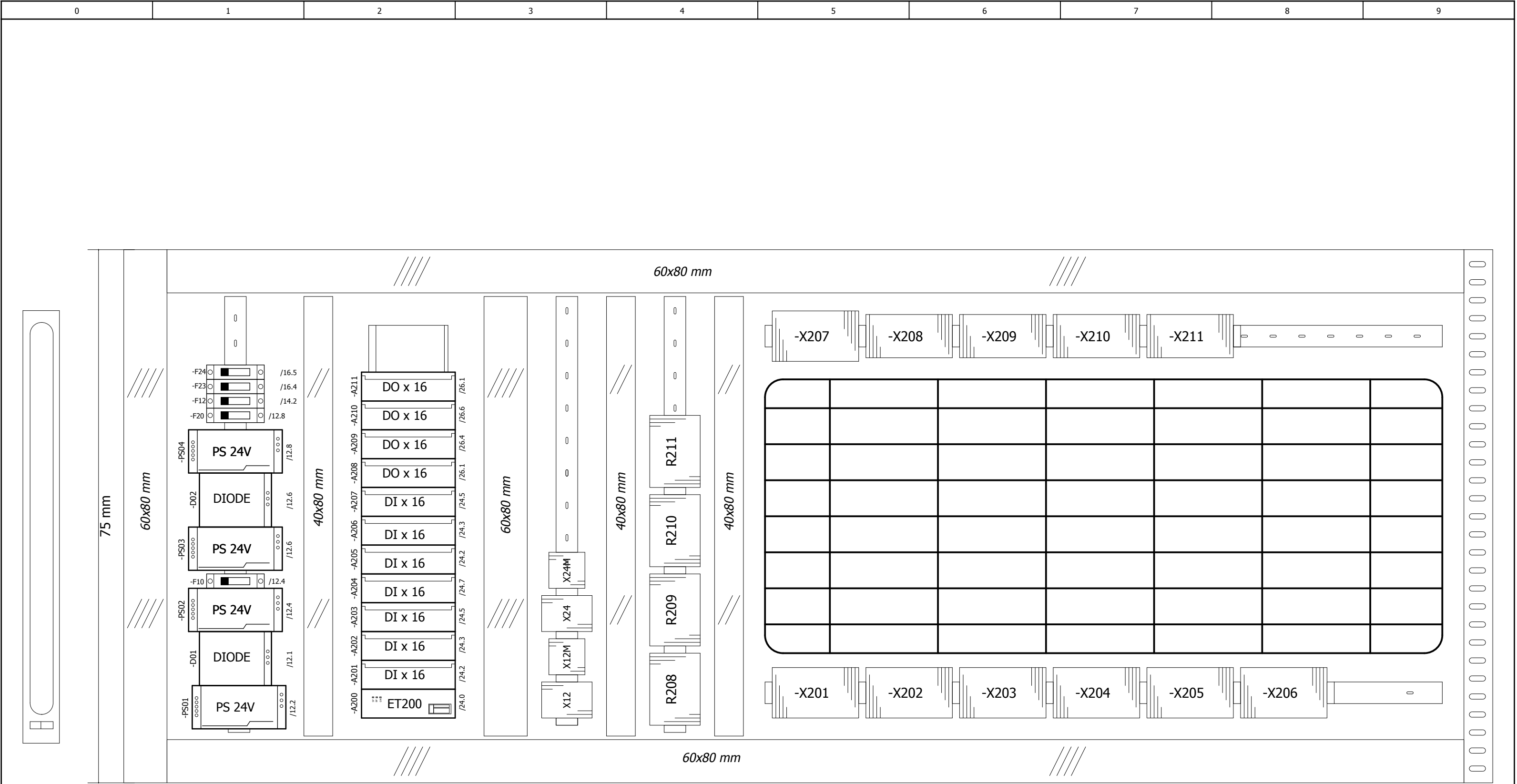
External view

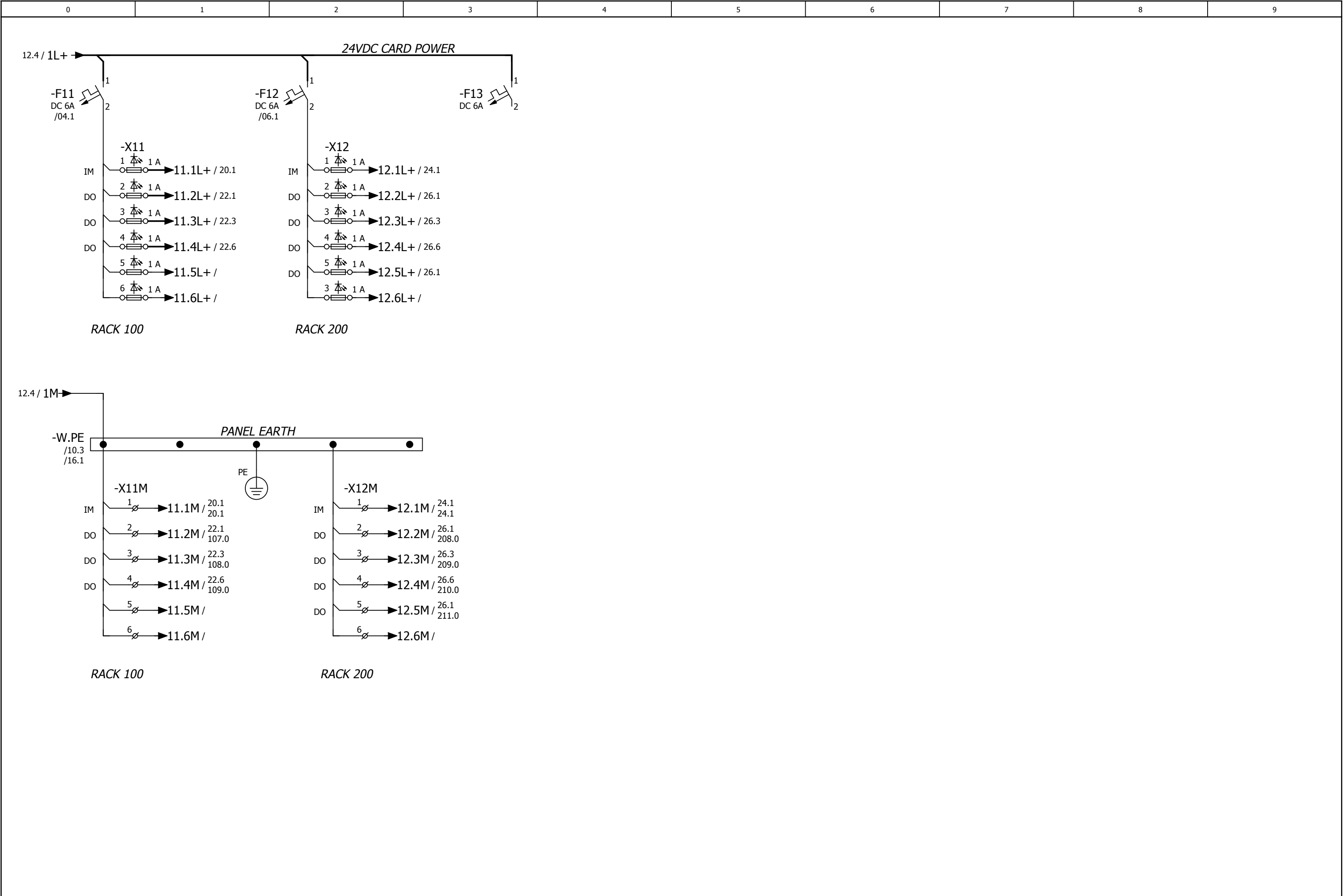


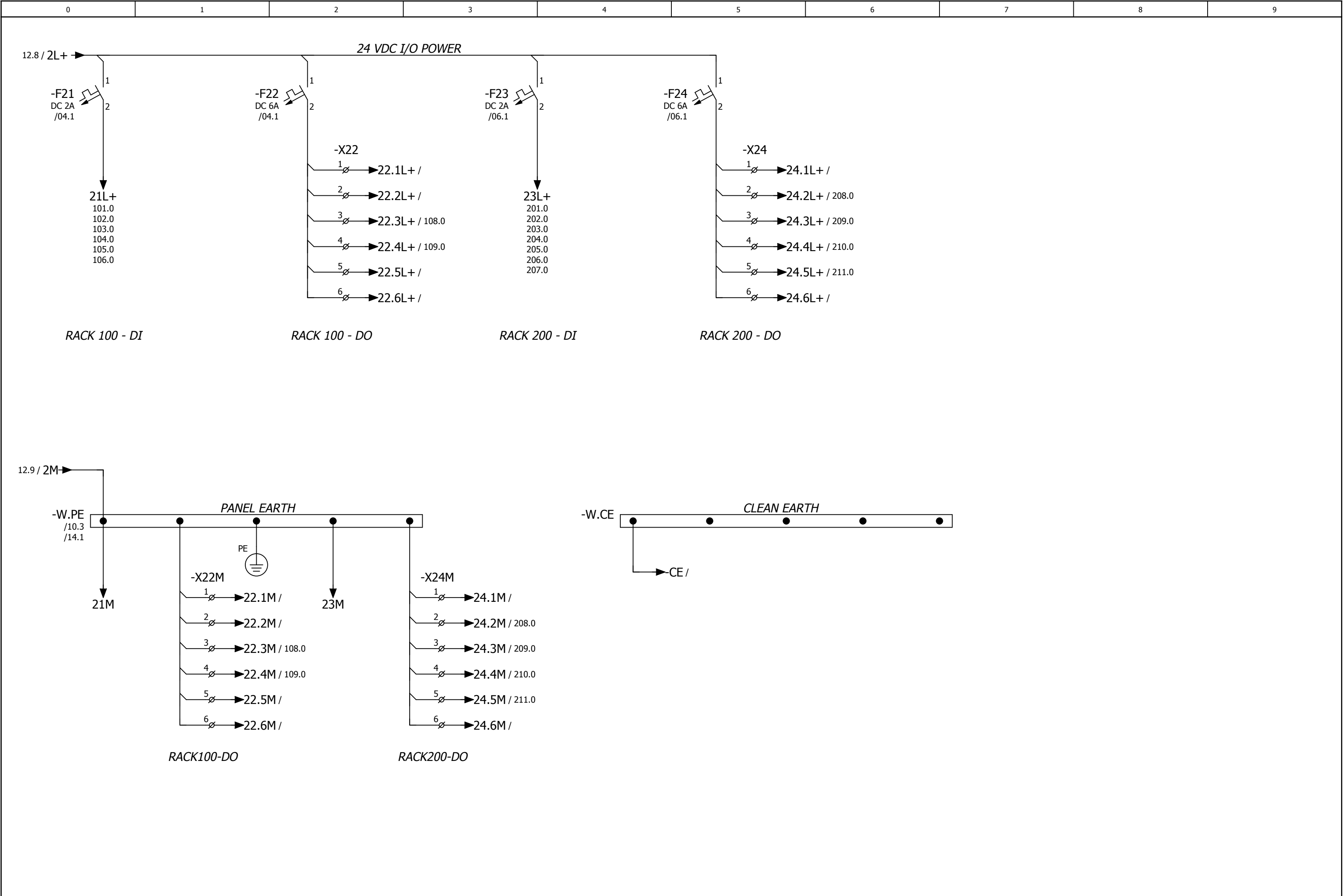


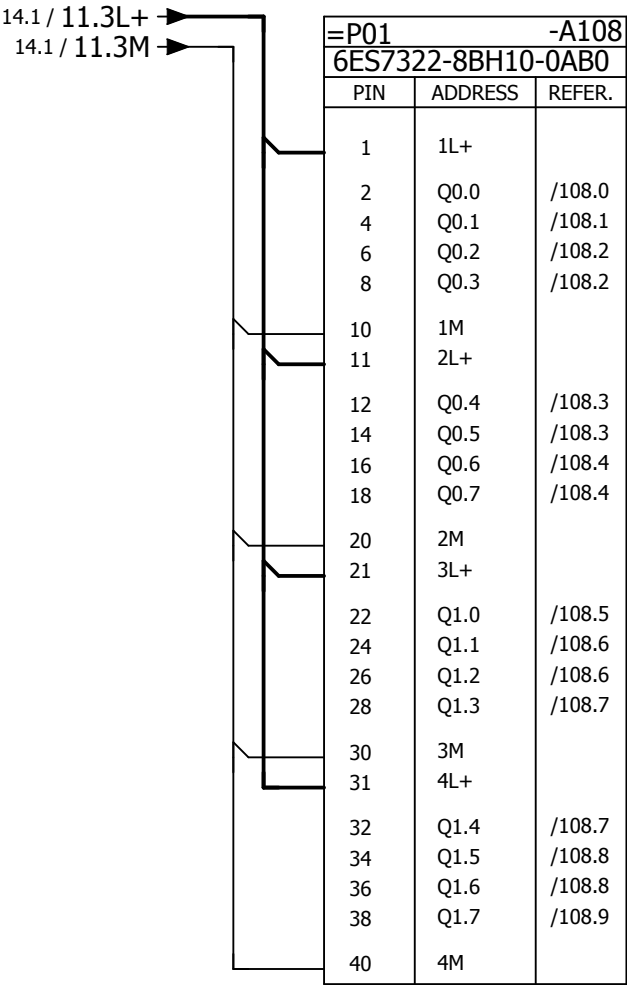
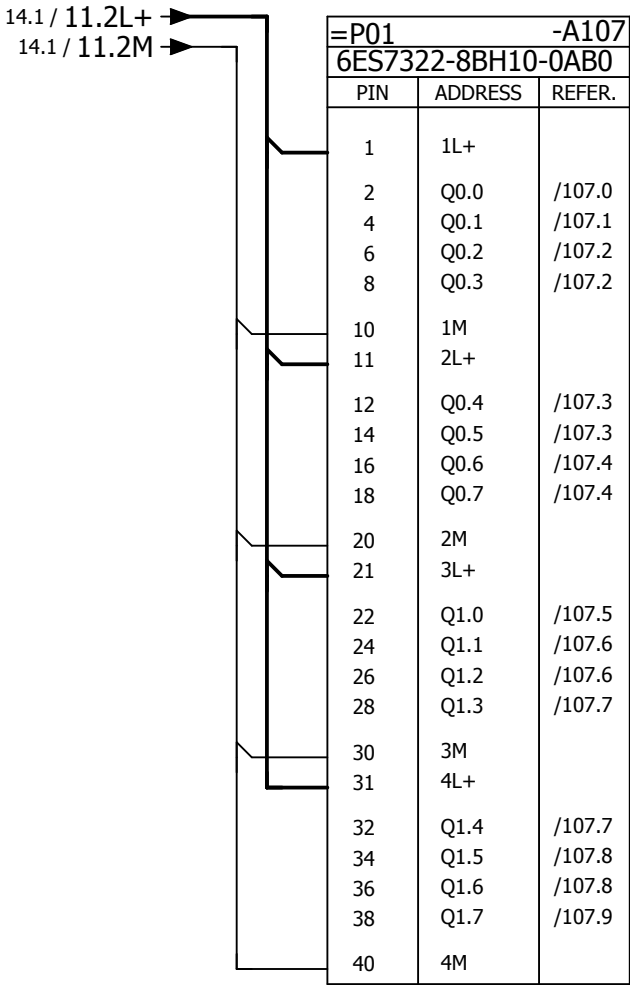


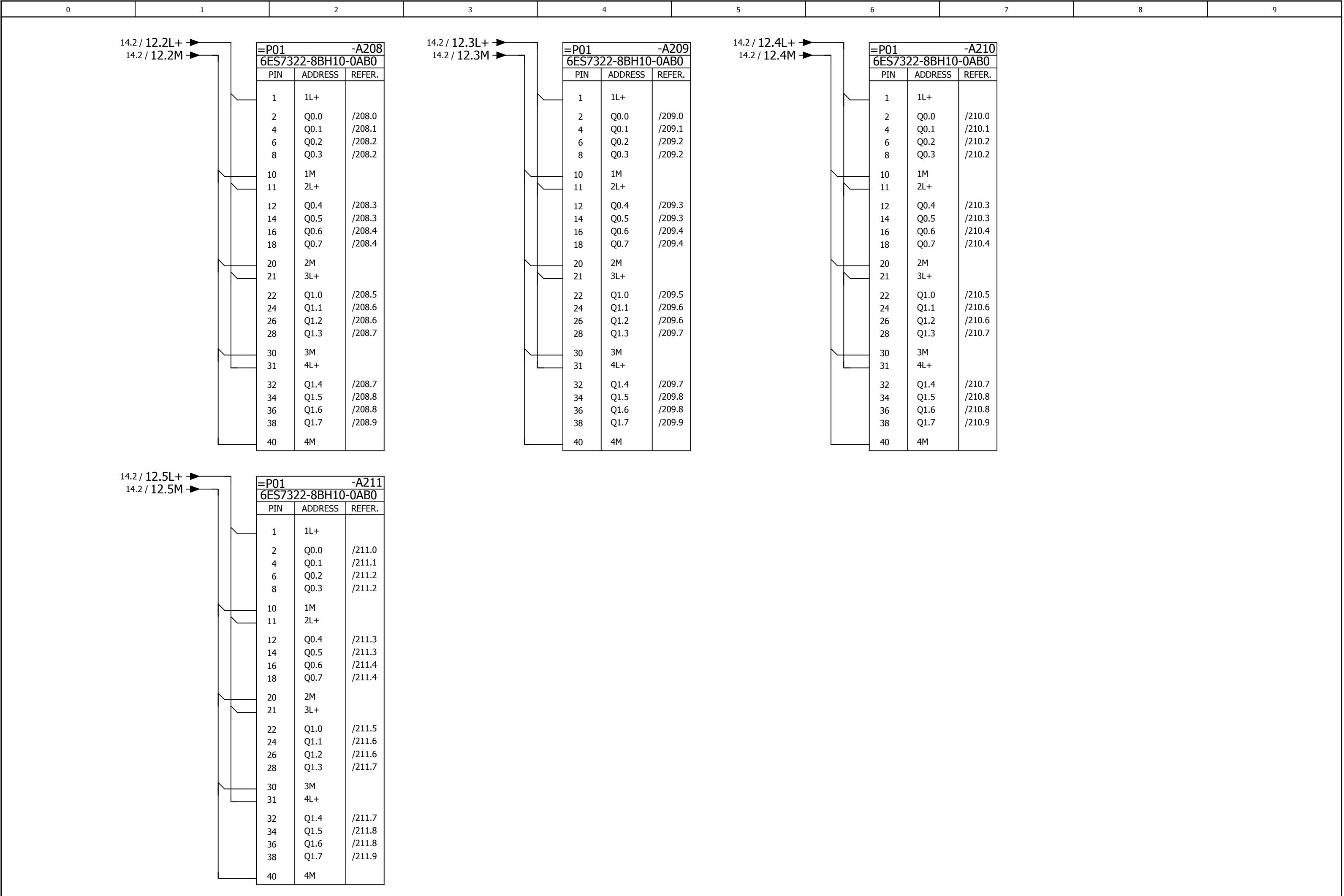


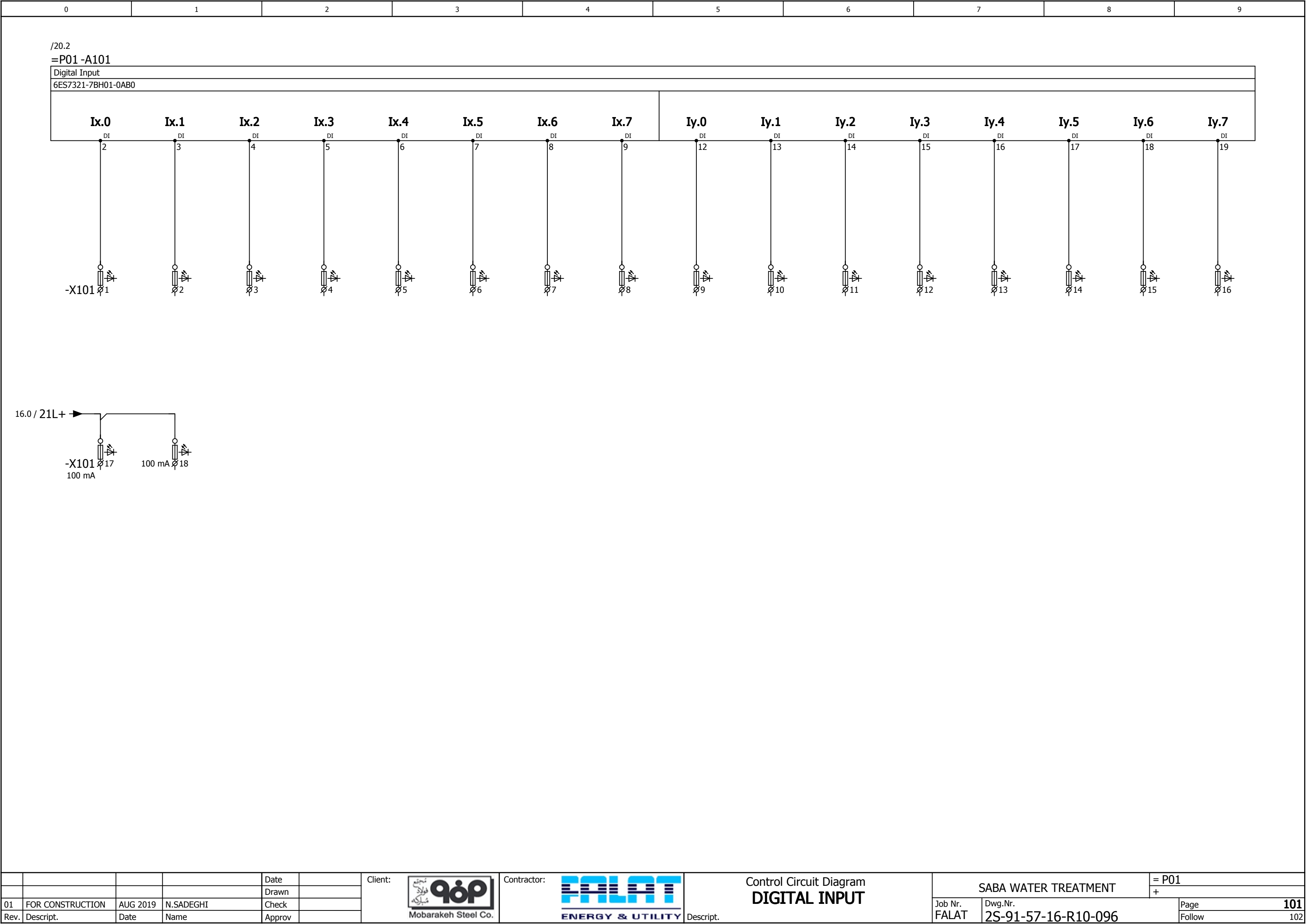












/20.2

=P01 -A101

Digital Input

6ES7321-7BH01-0AB0

Ix.0

Ix.1

Ix.2

Ix.3

Ix.4

Ix.5

Ix.6

Ix.7

Iy.0

Iy.1

Iy.2

Iy.3

Iy.4

Iy.5

Iy.6

Iy.7

DI

DI

DI

DI

DI

DI

DI

DI

DI

DI

DI

DI

DI

DI

DI

2

3

4

5

6

7

8

9

12

13

14

15

16

17

18

19

-X101 Ø1

-X101 Ø2

-X101 Ø3

-X101 Ø4

-X101 Ø5

-X101 Ø6

-X101 Ø7

-X101 Ø8

-X101 Ø9

-X101 Ø10

-X101 Ø11

-X101 Ø12

-X101 Ø13

-X101 Ø14

-X101 Ø15

-X101 Ø16

16.0 / 21L+

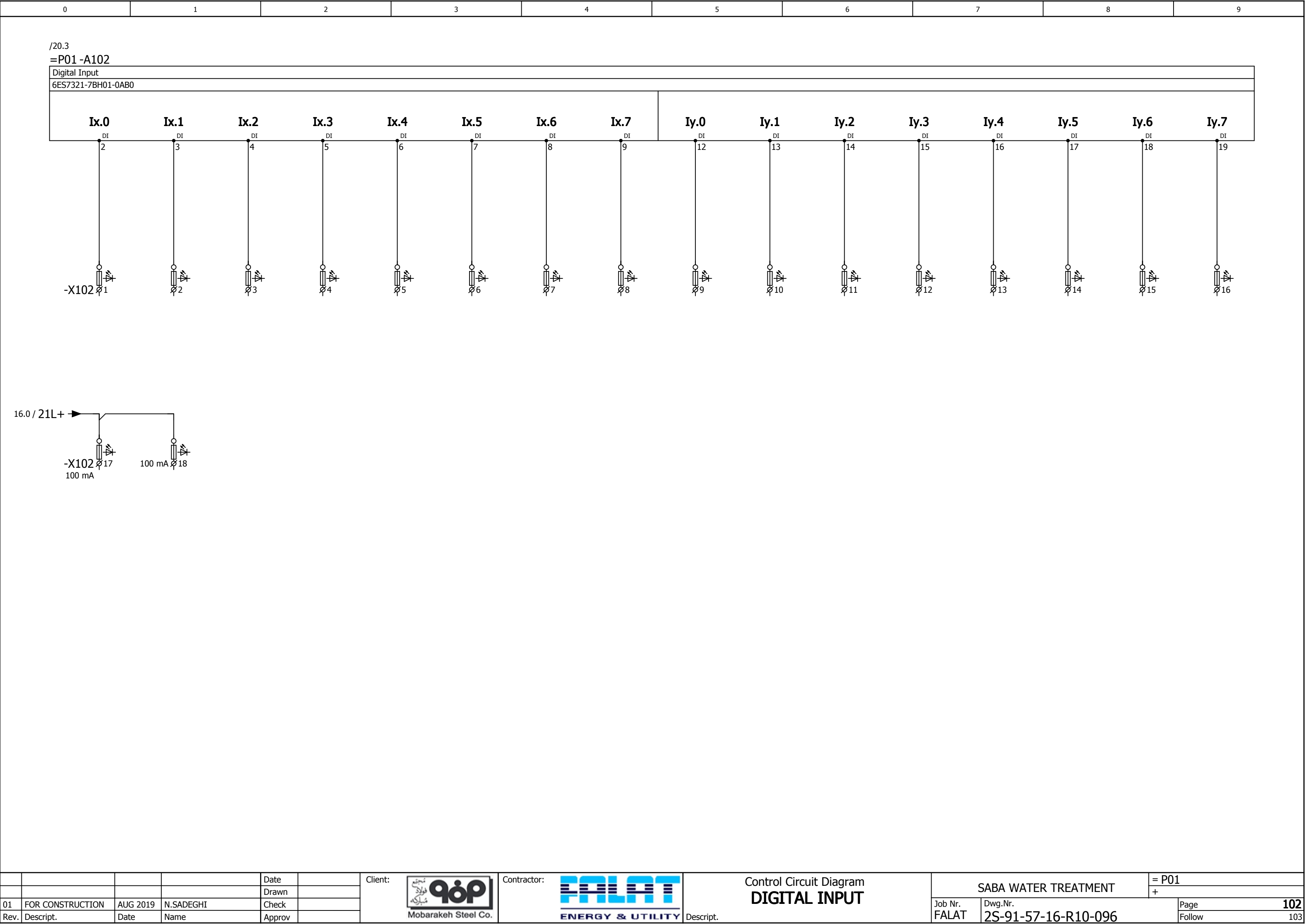
-X101 Ø17

100 mA

100 mA

100 mA

100 mA



/20.3

=P01 -A102

Digital Input

6ES7321-7BH01-0AB0

Ix.0

Ix.1

Ix.2

Ix.3

Ix.4

Ix.5

Ix.6

Ix.7

Iy.0

Iy.1

Iy.2

Iy.3

Iy.4

Iy.5

Iy.6

Iy.7

DI

DI

DI

DI

DI

DI

DI

DI

DI

DI

DI

DI

DI

DI

DI

DI

2

3

4

5

6

7

8

9

12

13

14

15

16

17

18

19

-X102

Ø1

-X102

Ø2

-X102

Ø3

-X102

Ø4

-X102

Ø5

-X102

Ø6

-X102

Ø7

-X102

Ø8

-X102

Ø9

-X102

Ø10

-X102

Ø11

-X102

Ø12

-X102

Ø13

-X102

Ø14

-X102

Ø15

-X102

Ø16

16.0 / 21L+

-X102

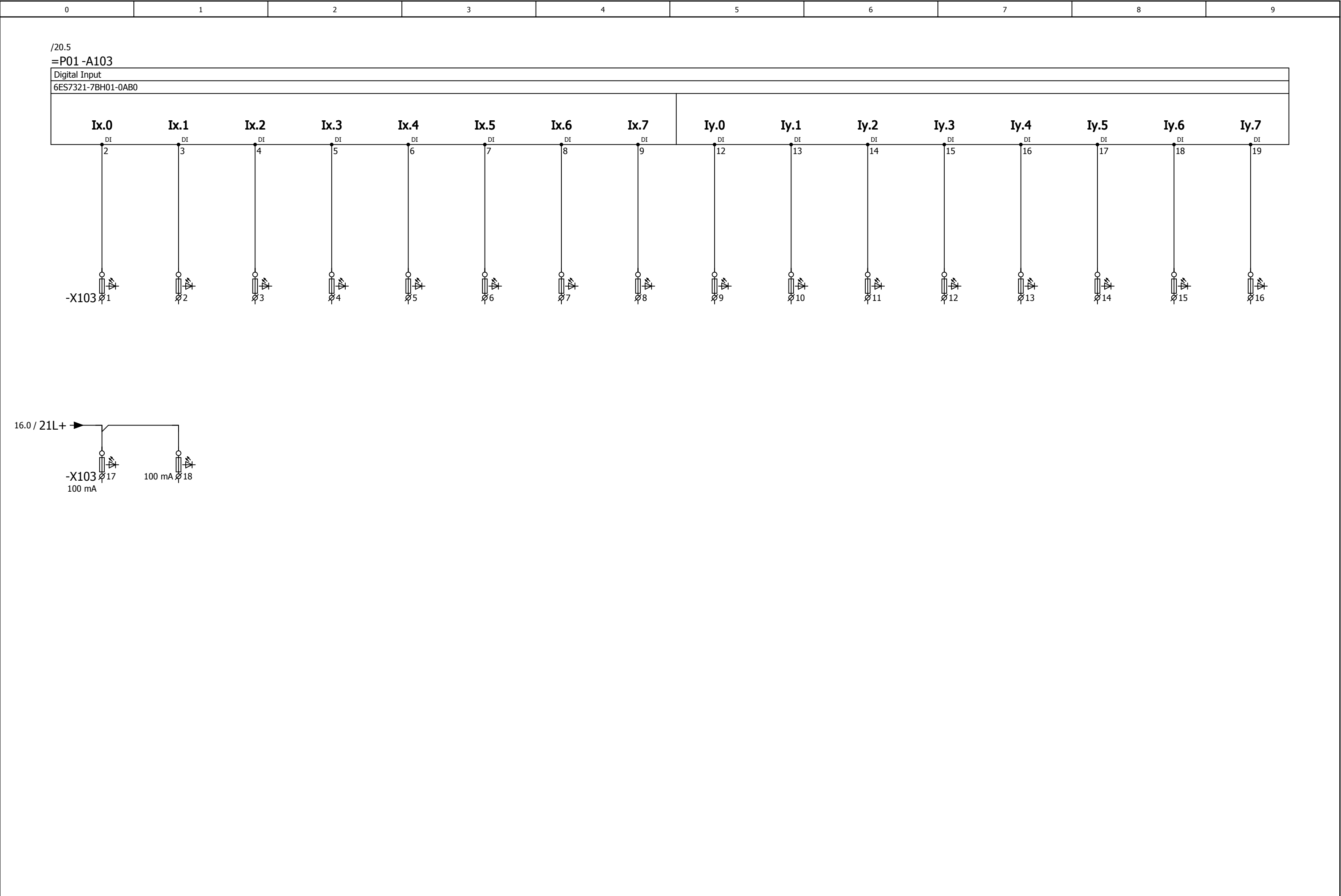
Ø17

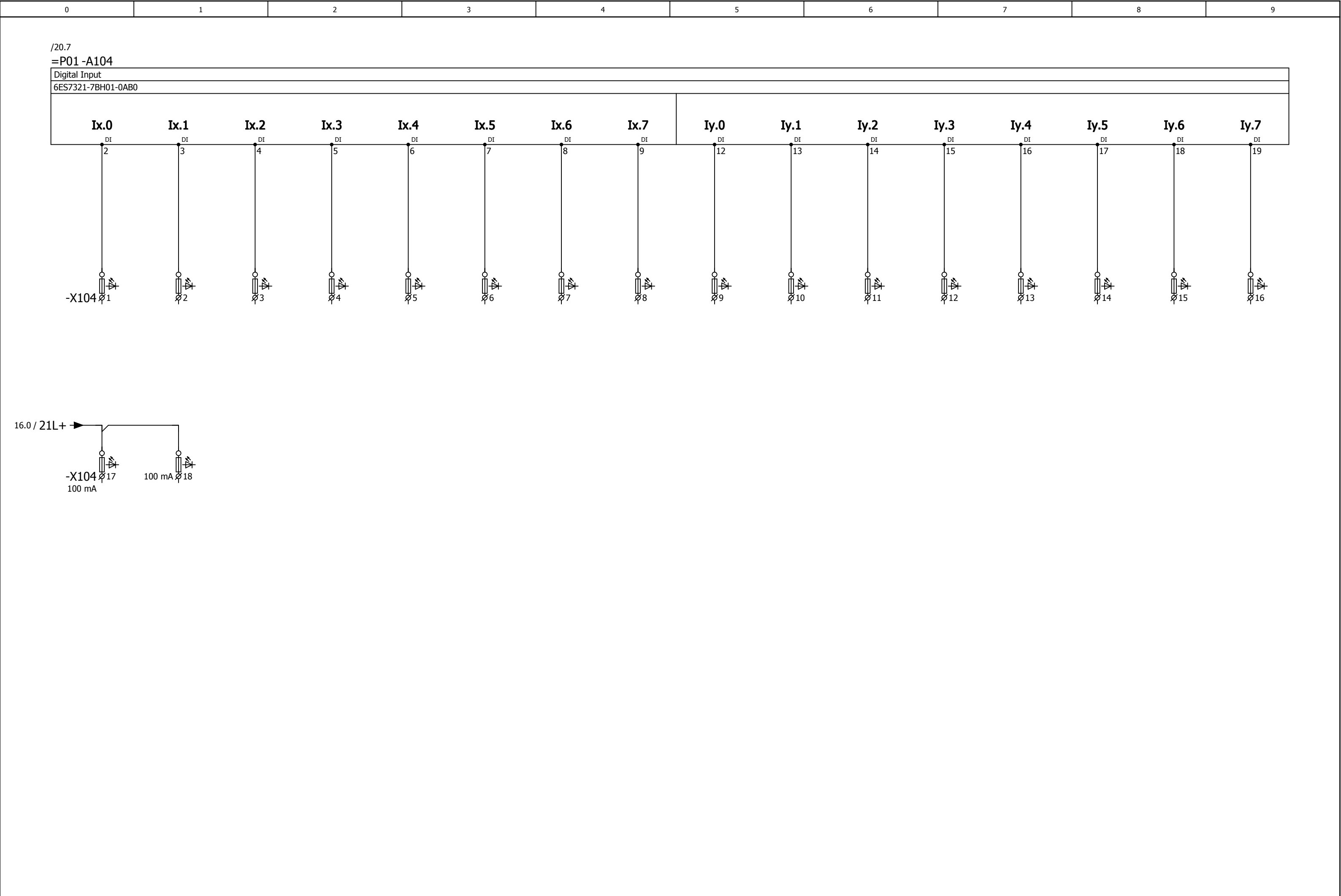
100 mA

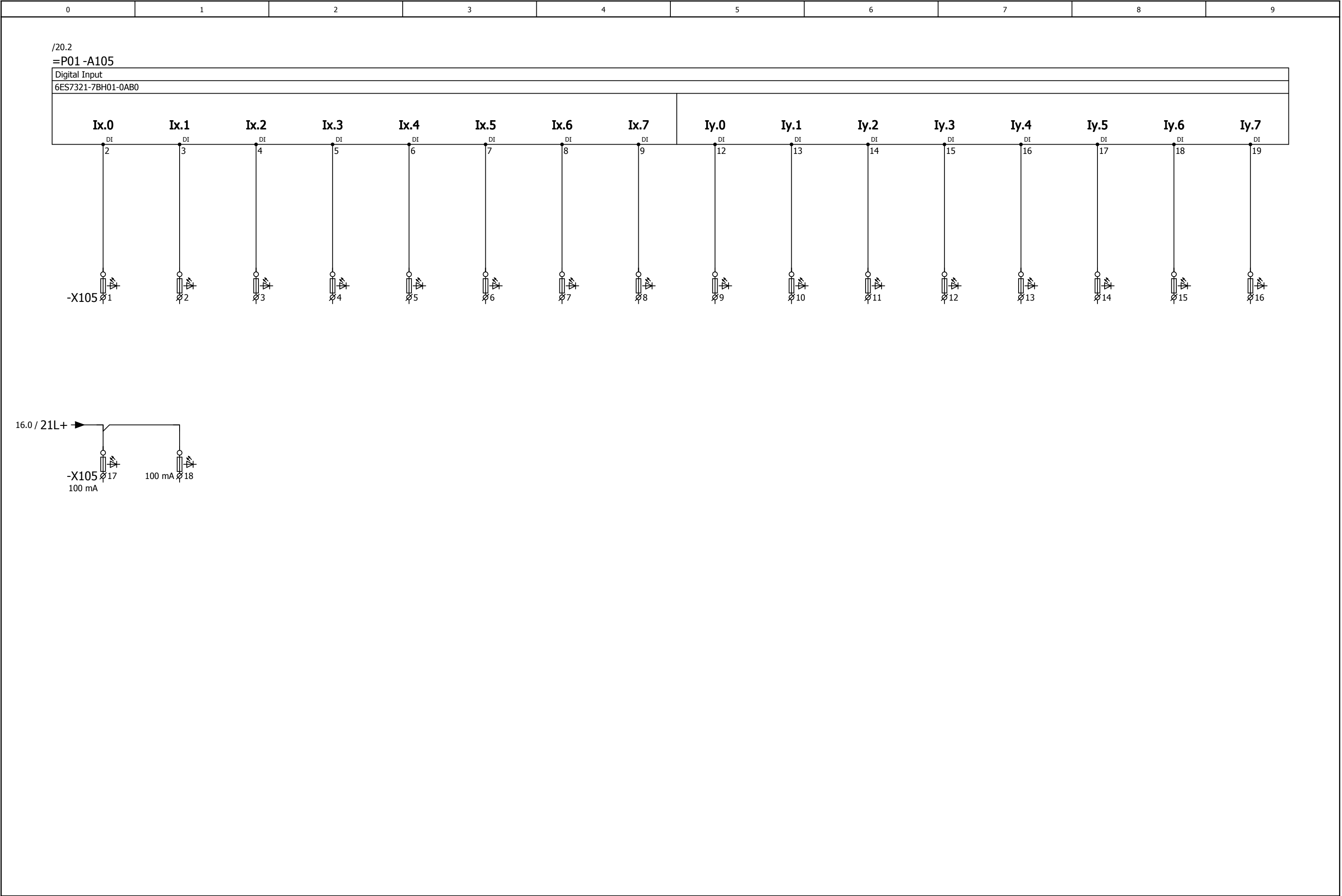
100 mA

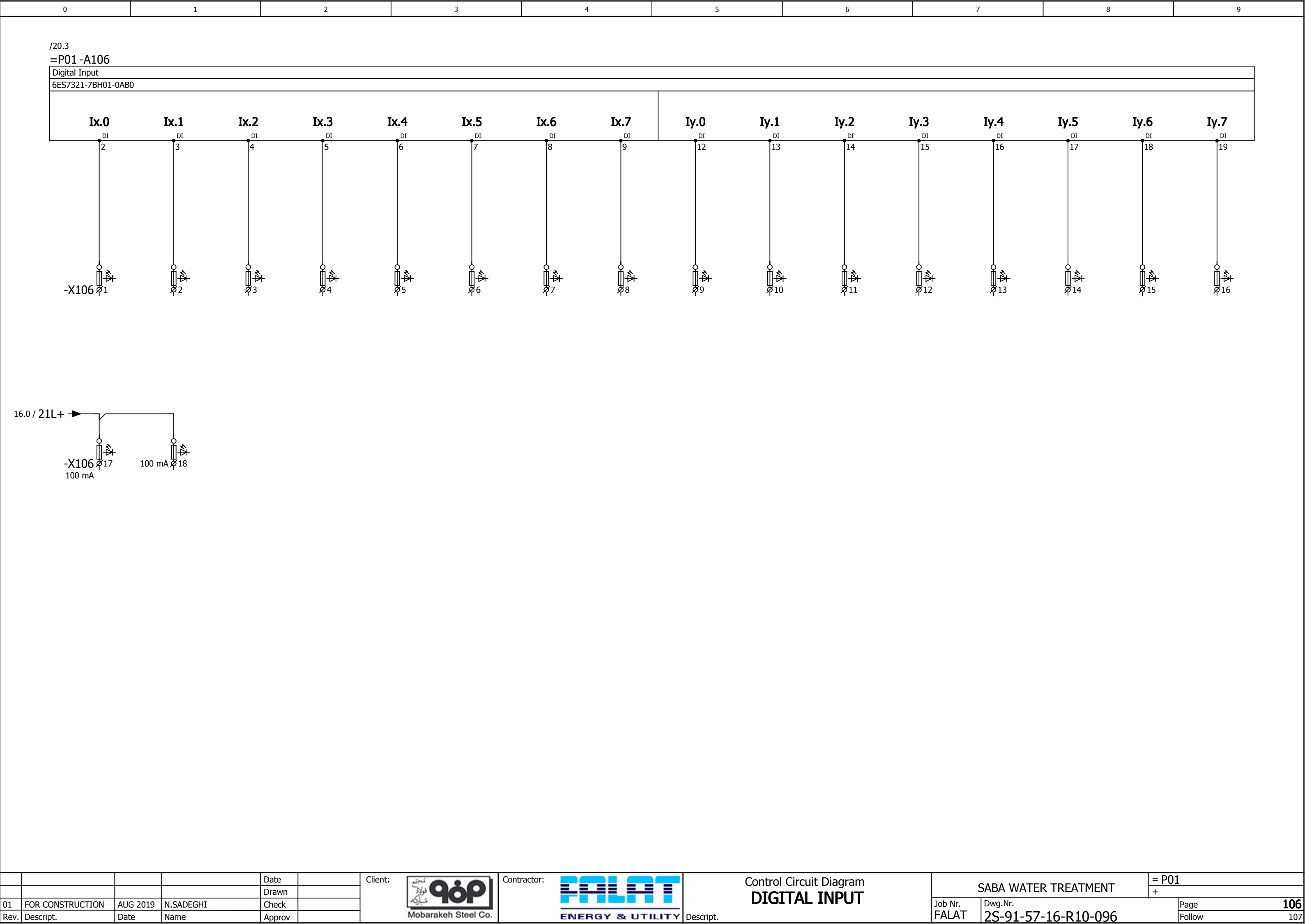
-X102

Ø18









/20.3

=P01 -A106

Digital Input

6ES7321-7BH01-0AB0

Ix.0

Ix.1

Ix.2

Ix.3

Ix.4

Ix.5

Ix.6

Ix.7

Iy.0

Iy.1

Iy.2

Iy.3

Iy.4

Iy.5

Iy.6

Iy.7

DI

DI

DI

DI

DI

DI

DI

DI

DI

DI

DI

DI

DI

DI

DI

2

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14

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16

17

18

19

-X106 Ø1

-X106 Ø2

-X106 Ø3

-X106 Ø4

-X106 Ø5

-X106 Ø6

-X106 Ø7

-X106 Ø8

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-X106 Ø11

-X106 Ø12

-X106 Ø13

-X106 Ø14

-X106 Ø15

-X106 Ø16

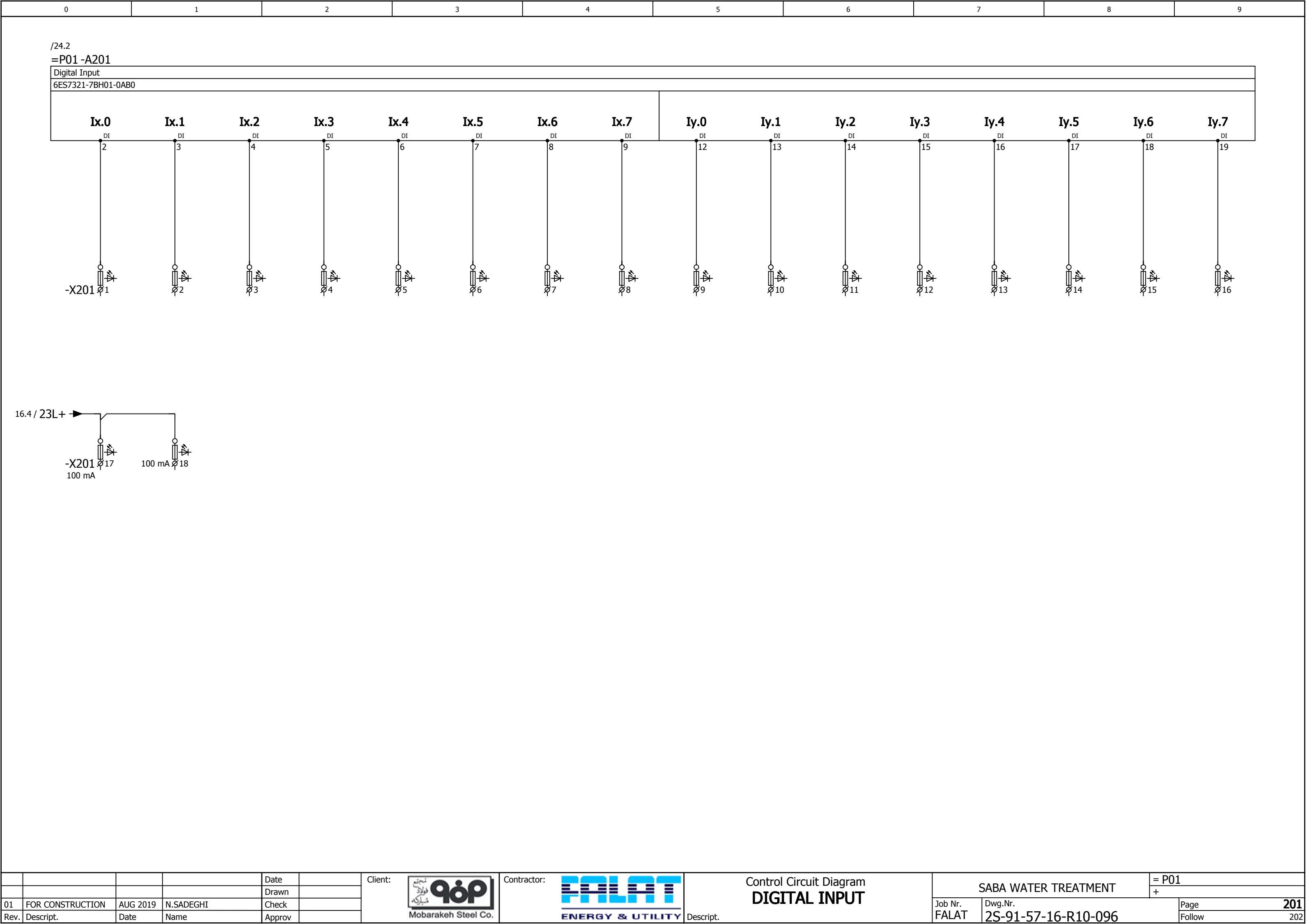
16.0 / 21L+

-X106 Ø17

100 mA

100 mA

100 mA



/24.2

=P01 -A201

Digital Input

6ES7321-7BH01-0AB0

Ix.0

Ix.1

Ix.2

Ix.3

Ix.4

Ix.5

Ix.6

Ix.7

Iy.0

Iy.1

Iy.2

Iy.3

Iy.4

Iy.5

Iy.6

Iy.7

DI

DI

DI

DI

DI

DI

DI

DI

DI

DI

DI

DI

DI

DI

DI

2

3

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12

13

14

15

16

17

18

19

-X201 Ø1

-X201 Ø2

-X201 Ø3

-X201 Ø4

-X201 Ø5

-X201 Ø6

-X201 Ø7

-X201 Ø8

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-X201 Ø12

-X201 Ø13

-X201 Ø14

-X201 Ø15

-X201 Ø16

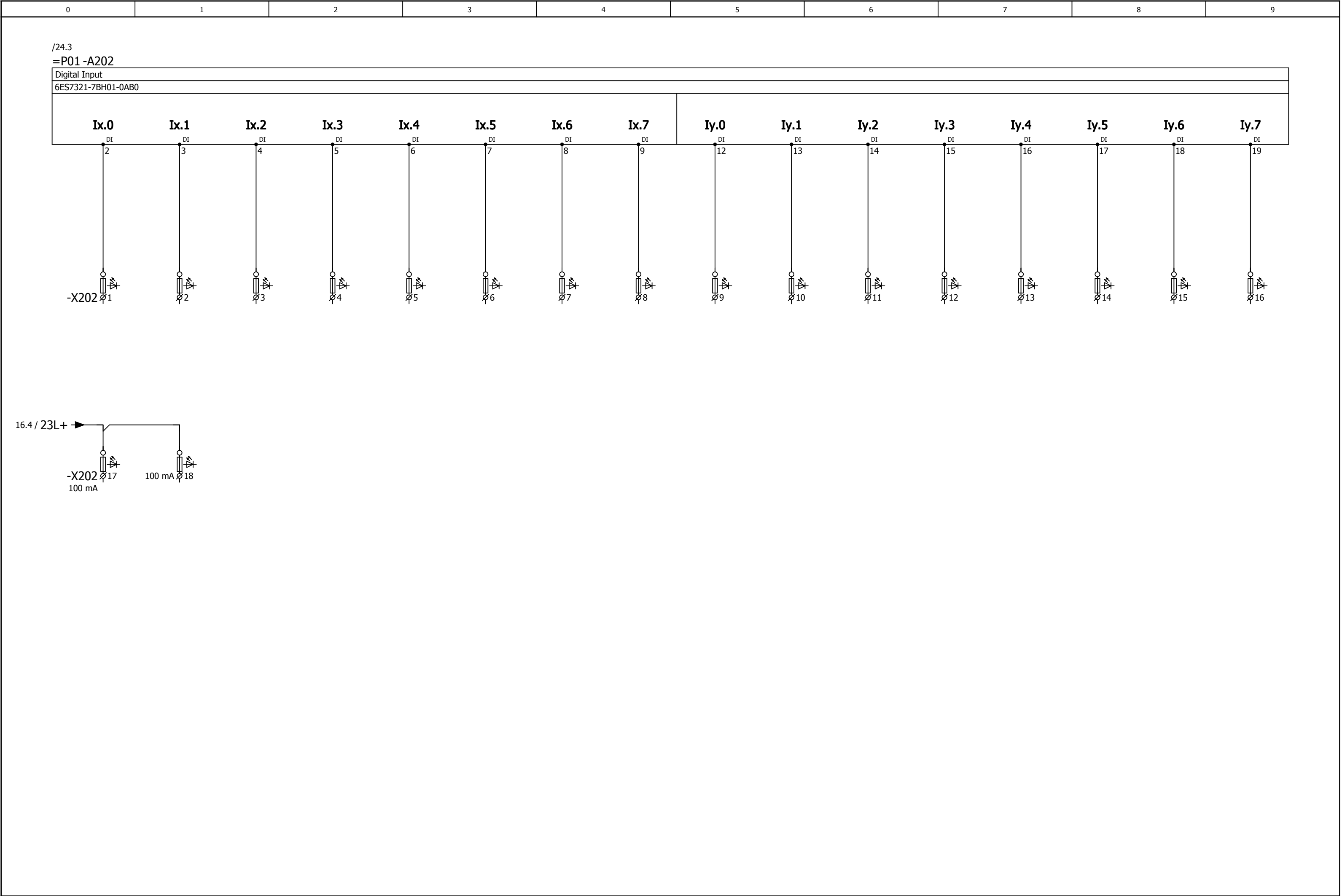
16.4 / 23L+

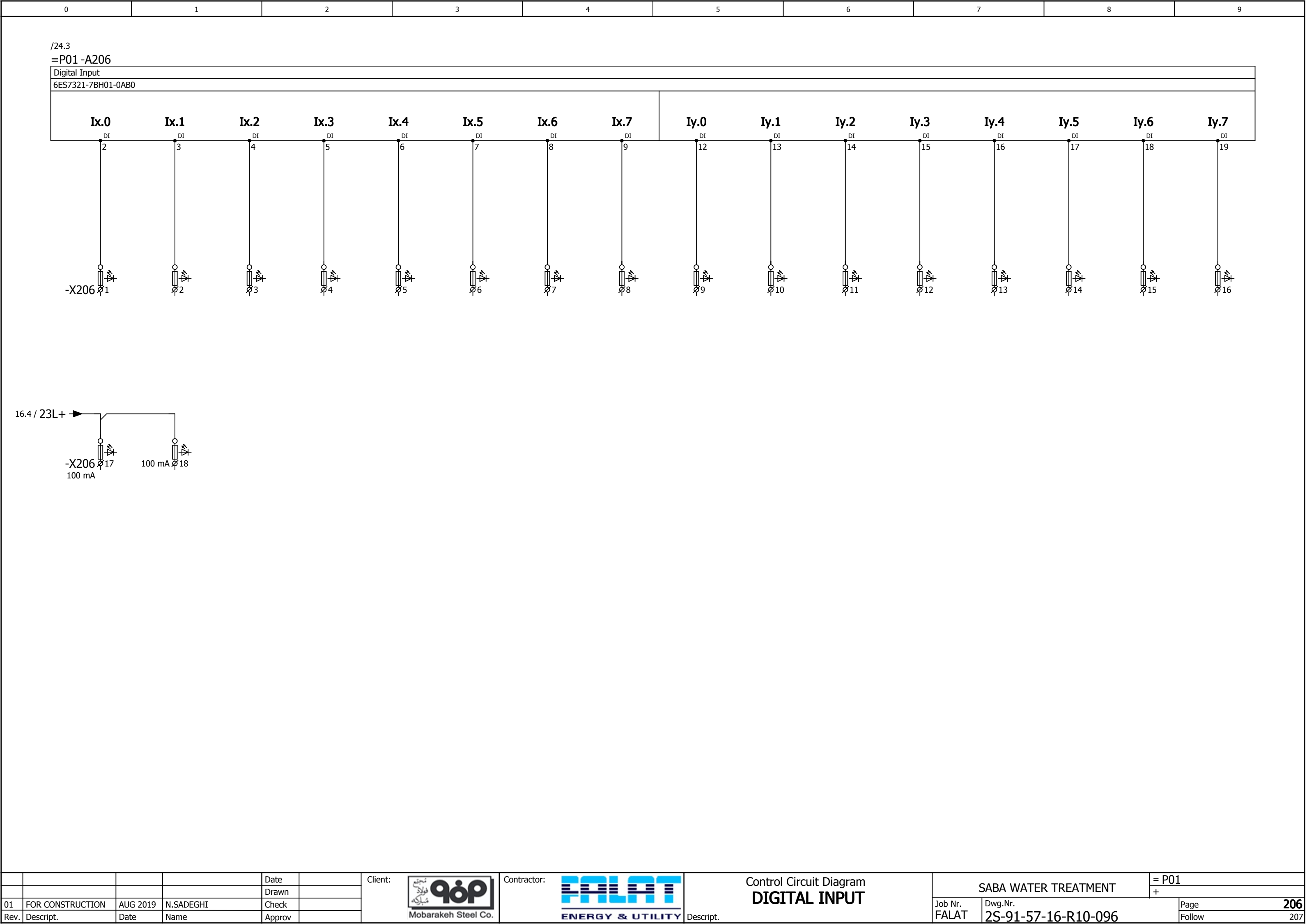
-X201 Ø17

100 mA

100 mA

100 mA





/24.3

=P01 -A206

Digital Input

6ES7321-7BH01-0AB0

Ix.0

Ix.1

Ix.2

Ix.3

Ix.4

Ix.5

Ix.6

Ix.7

Iy.0

Iy.1

Iy.2

Iy.3

Iy.4

Iy.5

Iy.6

Iy.7

DI

DI

DI

DI

DI

DI

DI

DI

DI

DI

DI

DI

DI

DI

DI

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14

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16

17

18

19

-X206 Ø1

-X206 Ø2

-X206 Ø3

-X206 Ø4

-X206 Ø5

-X206 Ø6

-X206 Ø7

-X206 Ø8

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-X206 Ø12

-X206 Ø13

-X206 Ø14

-X206 Ø15

-X206 Ø16

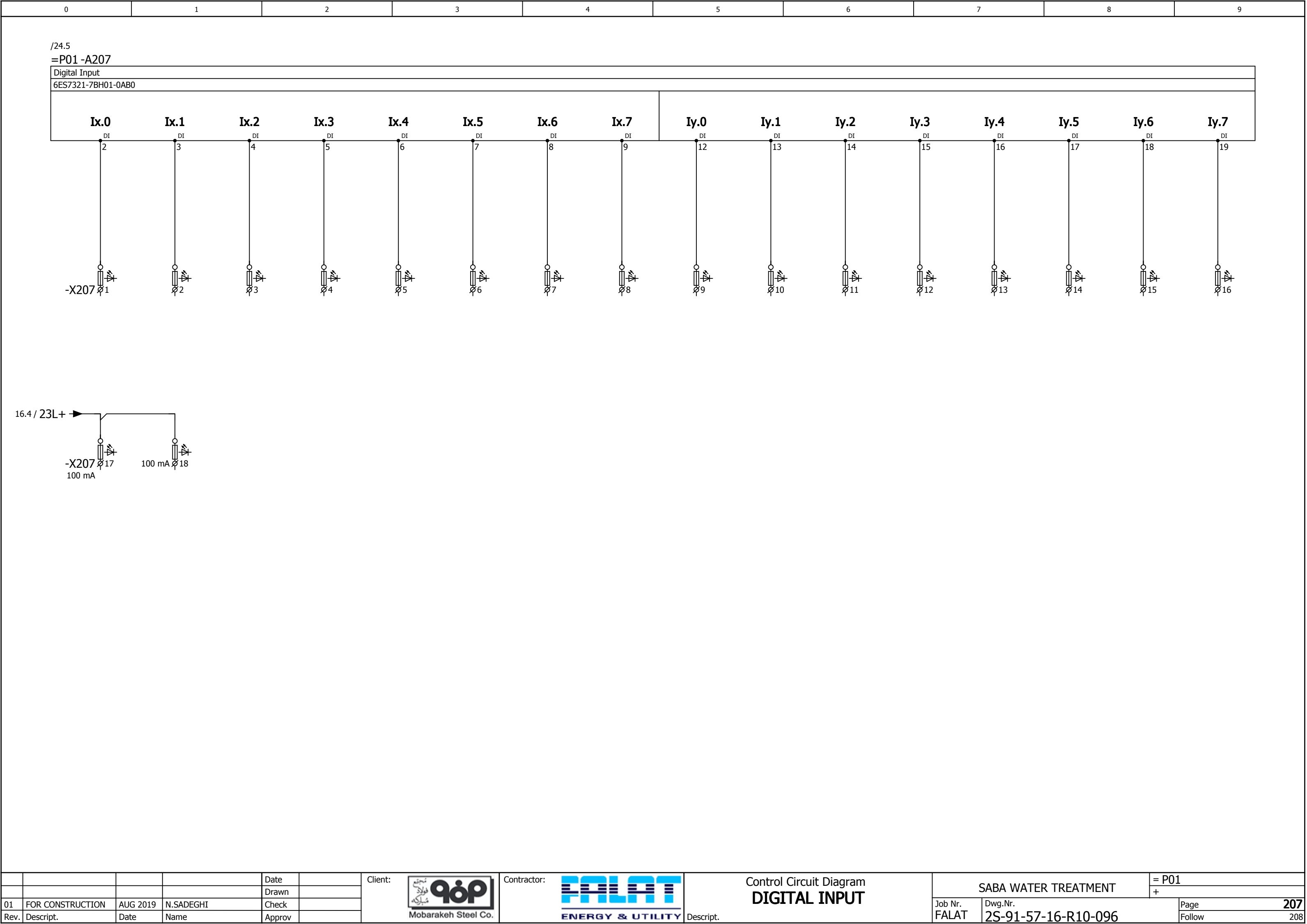
16.4 / 23L+

-X206 Ø17

100 mA

100 mA

Ø18



/24.5

=P01 -A207

Digital Input

6ES7321-7BH01-0AB0

Ix.0

Ix.1

Ix.2

Ix.3

Ix.4

Ix.5

Ix.6

Ix.7

Iy.0

Iy.1

Iy.2

Iy.3

Iy.4

Iy.5

Iy.6

Iy.7

DI

DI

DI

DI

DI

DI

DI

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DI

DI

DI

DI

DI

DI

DI

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3

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5

6

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8

9

12

13

14

15

16

17

18

19

-X207

Ø1

-X207

Ø2

-X207

Ø3

-X207

Ø4

-X207

Ø5

-X207

Ø6

-X207

Ø7

-X207

Ø8

-X207

Ø9

-X207

Ø10

-X207

Ø11

-X207

Ø12

-X207

Ø13

-X207

Ø14

-X207

Ø15

-X207

Ø16

16.4 / 23L+

-X207

Ø17

100 mA

100 mA

Ø18

