

0574

9425

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Packaging line.

| | | | |
|----------------------|-----------------------------------|-----------------|-------------------------------|
| make | Technology for manufacturing. | power supply | 3/N/PE AC 400/230V 50Hz, TN-S |
| type | OCEP-P | control voltage | 24V DC - PELV |
| degree of protection | IP 54 | input lead | Cu - 5x4 mm ² |
| standard | STN EN 60439-1 / STN 33 2000-4-41 | remarks | |
| external influences | STN 33 2000-3 | | |
| enclosure | RITTAL AE-1060 | | |
| manufacturing date | 2014 | | |

| | | | |
|----------|--------------------|-------------------|------------|
| designer | Ing. Tisovčík Ivan | created on | 01.04.2014 |
| | | last modification | 11.05.2015 |

b

Structure identifier overview.

F24_TIE_V01

| Full designation. | Description. |
|-----------------------|---|
| Higher-level function | |
| =9425 | Documentation for equipment 9425. |
| =?? | Unknown appliance of the customer. |
| Place of installation | |
| +II | Lists. Abbreviations. Descriptions. Regulations. Norms. |
| +LI | Changes in the documentation. |
| +01 | Technology. Filling packing machine 1. |
| +02 | Technology. Filling packing machine 2. |
| +EB1 | Enclosure. Filling packing machine 1. |
| +OB1 | Operation. Control. Signalisation. NOT-AUS. OP. |
| +CR1 | Mounting. Cable route. Enclosure. EB1. |
| +EB2 | Enclosure. Filling packing machine 2. |
| +OB2 | Operation. Control. Signalisation. NOT-AUS. OP. |
| +CR2 | Mounting. Cable route. Enclosure. EB2. |
| +XXX | Documents for production. |
| +XXXI | Documentation for cutting material. |
| +XXXIII | Terminal blocks. |
| +XXXIX | Bill of material. |
| +?? | Unknown place of installation for the customer. |

=9425+II/1

a

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+

b

Location: Description:

* Serial number.

...

+EB* Electric Box.

+OB* Operator Box.

+TB* Terminal Box.

+CR* Cable Route.

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Device: Description:

* Serial number.

...

-0U* Bridge. Bus. Bus bar. Potential. N.

-1U* Bridge. Bus. Bus bar. Potential. PE.

-2U* Bridge. Bus. Bus bar. Potential. SH.

-3U* Bridge. Bus. Bus bar. Potential. L1. L2. L3.

-4U* ...

-5U* PLC. Rack.

-6U* ...

-7U* Gland. Bushing.

-8U* ...

-9U* DIN bar. Cable trough.

...

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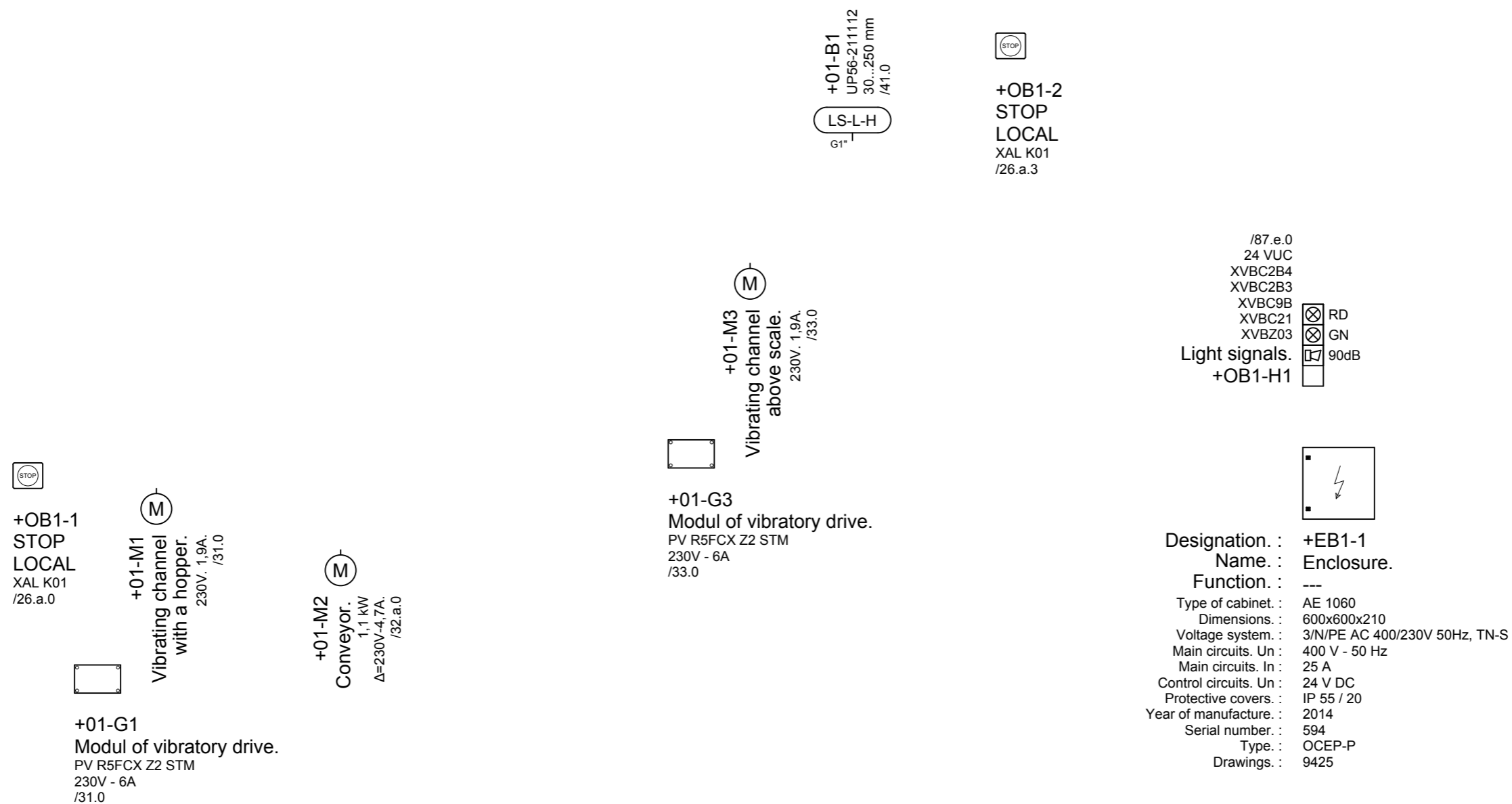
...

Color:

Abbreviation:

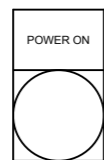
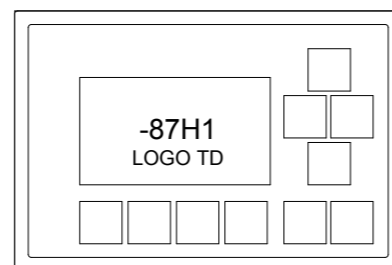
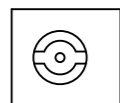
| Color: | Color: | Abbreviation: |
|------------|-----------|---------------|
| ... | ... | ... |
| Black. | Black | BK |
| Brown. | Brown | BN |
| Gray. | Gray | GY |
| Blue. | Blue | BU |
| Green. | Green | GN |
| Yellow. | Yellow | YE |
| Rred. | Red | RD |
| White. | White | WH |
| Orange. | Orange | OG |
| Pink. | Pink | PK |
| Violet. | Violet | VT |
| Turquoise. | Turquoise | TQ |
| Silver. | Silver | SR |

| Modification. | Applicant. | Change description. | Pages. |
|---------------|------------|---------------------|--------|
| ... | ... | ... | ... |

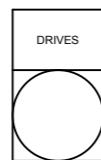


Viewing technology is hidden.

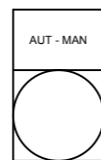
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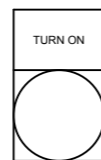
-87H2



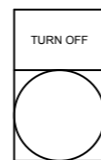
-26S2



-87S1



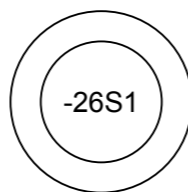
-87S2



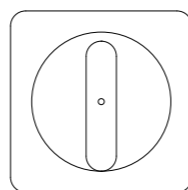
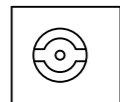
-87S3



-87S4

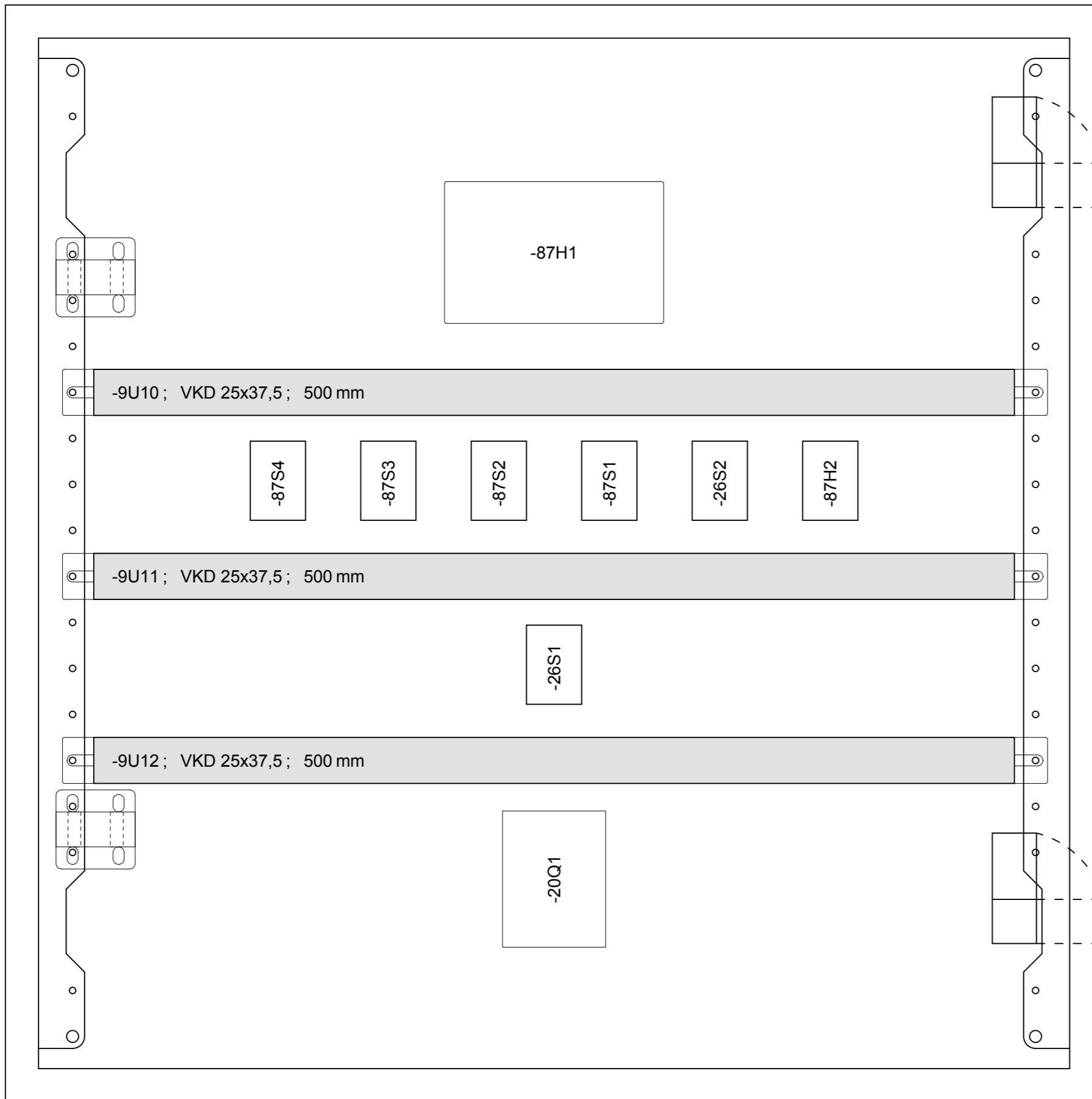


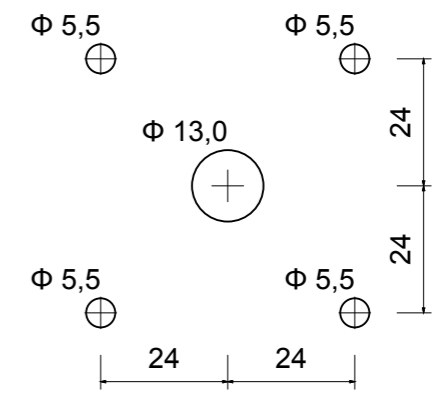
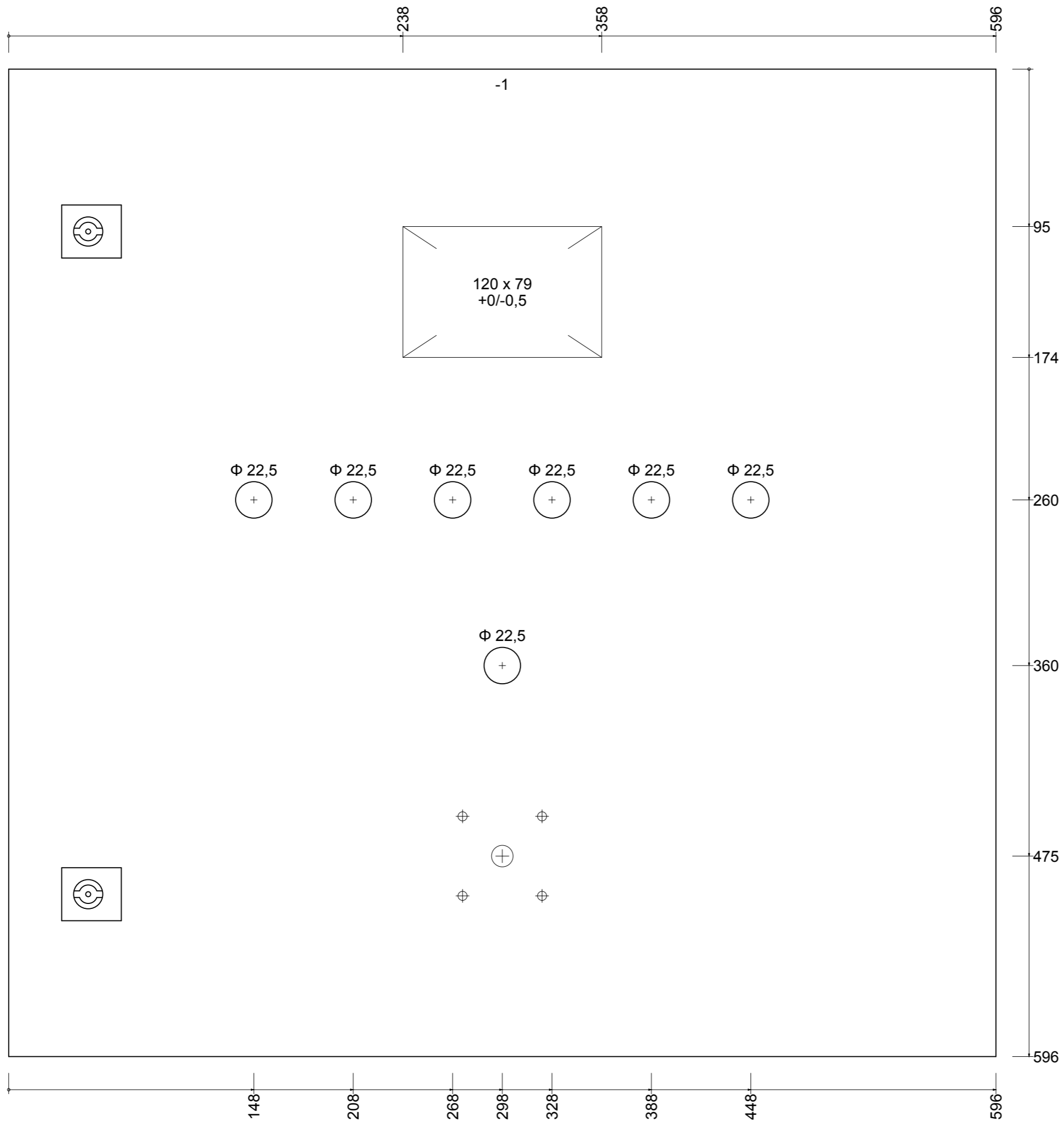
-26S1



-20Q1
VCF0

-1

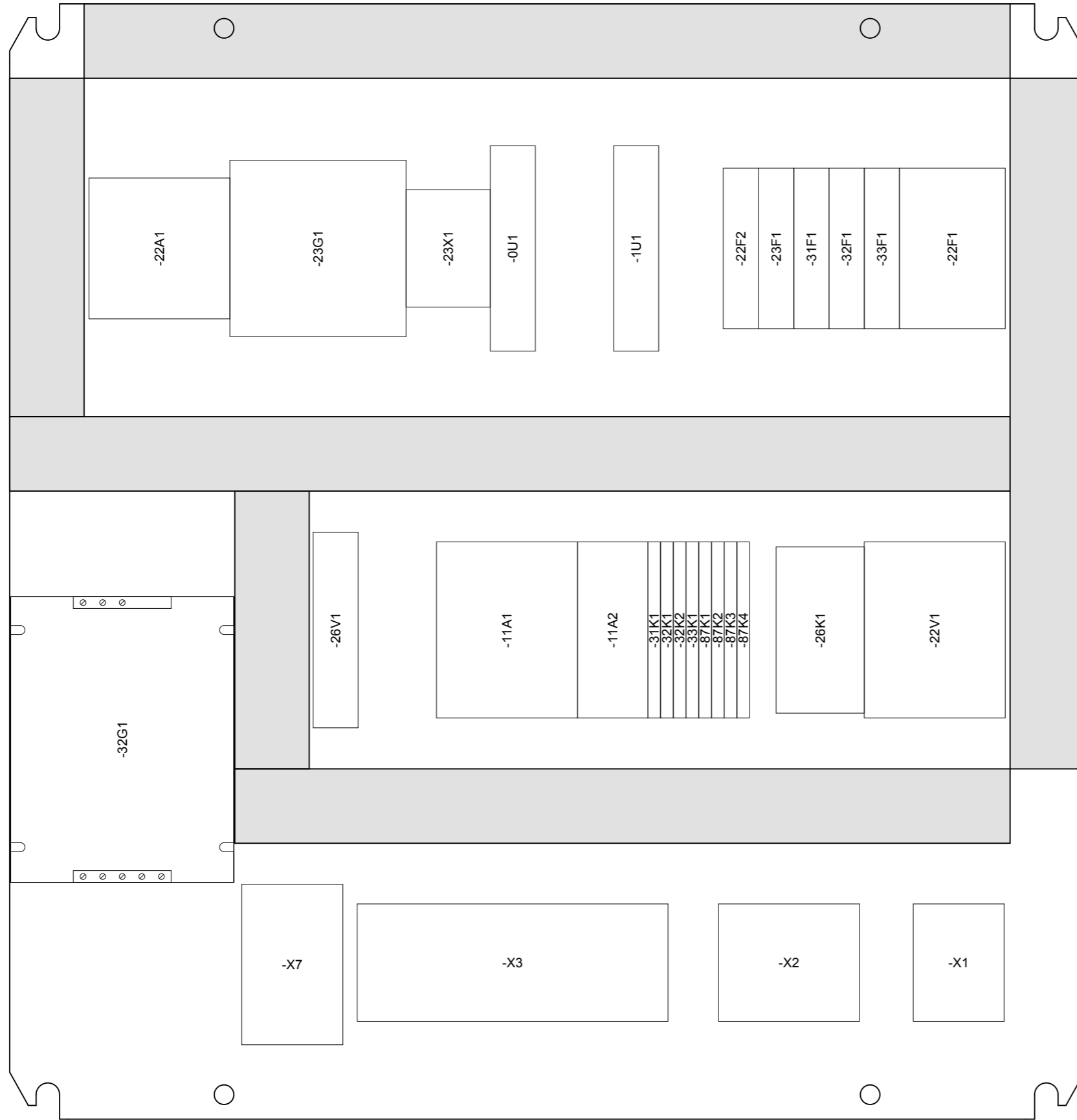




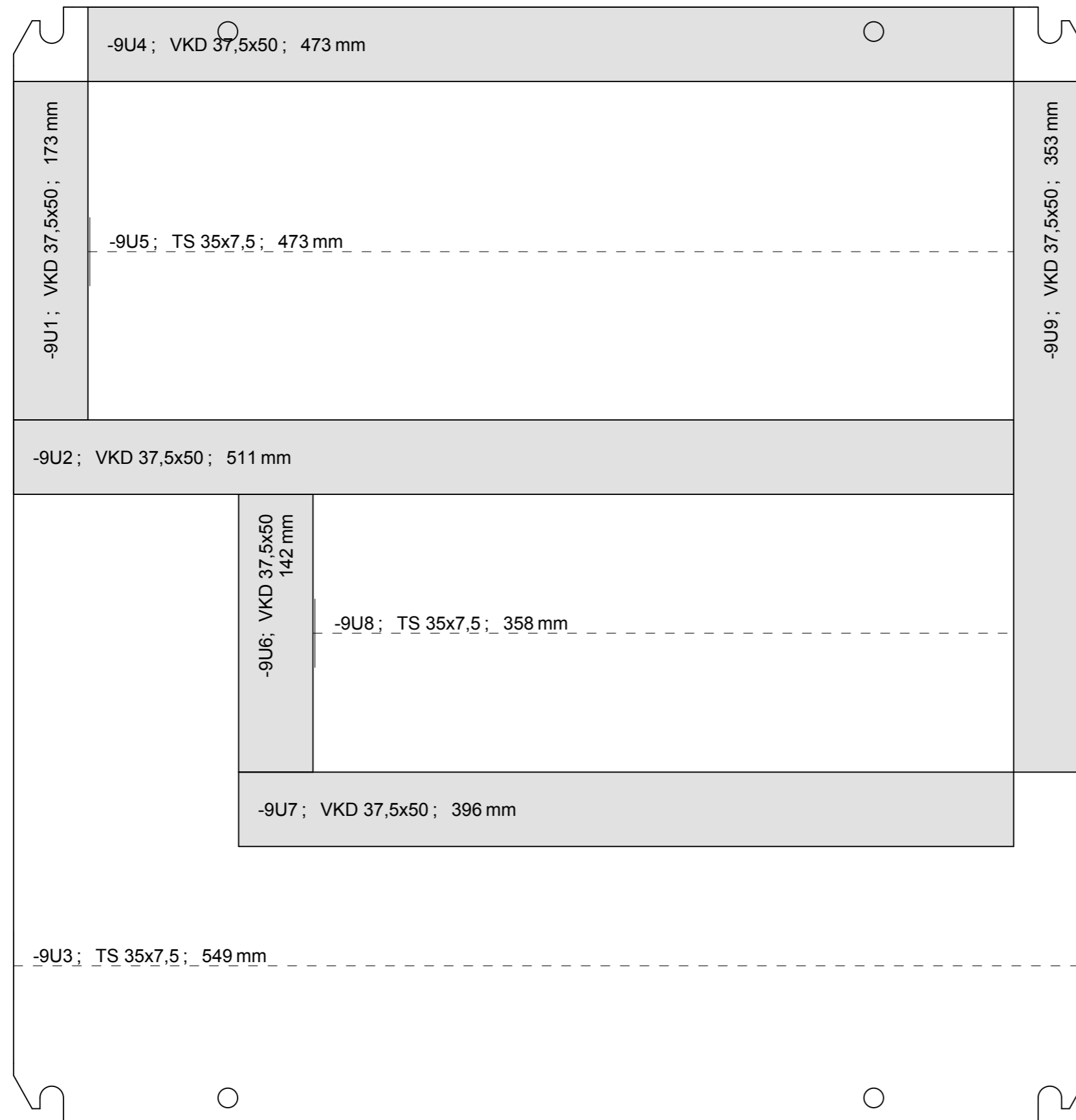
04.b

05.a

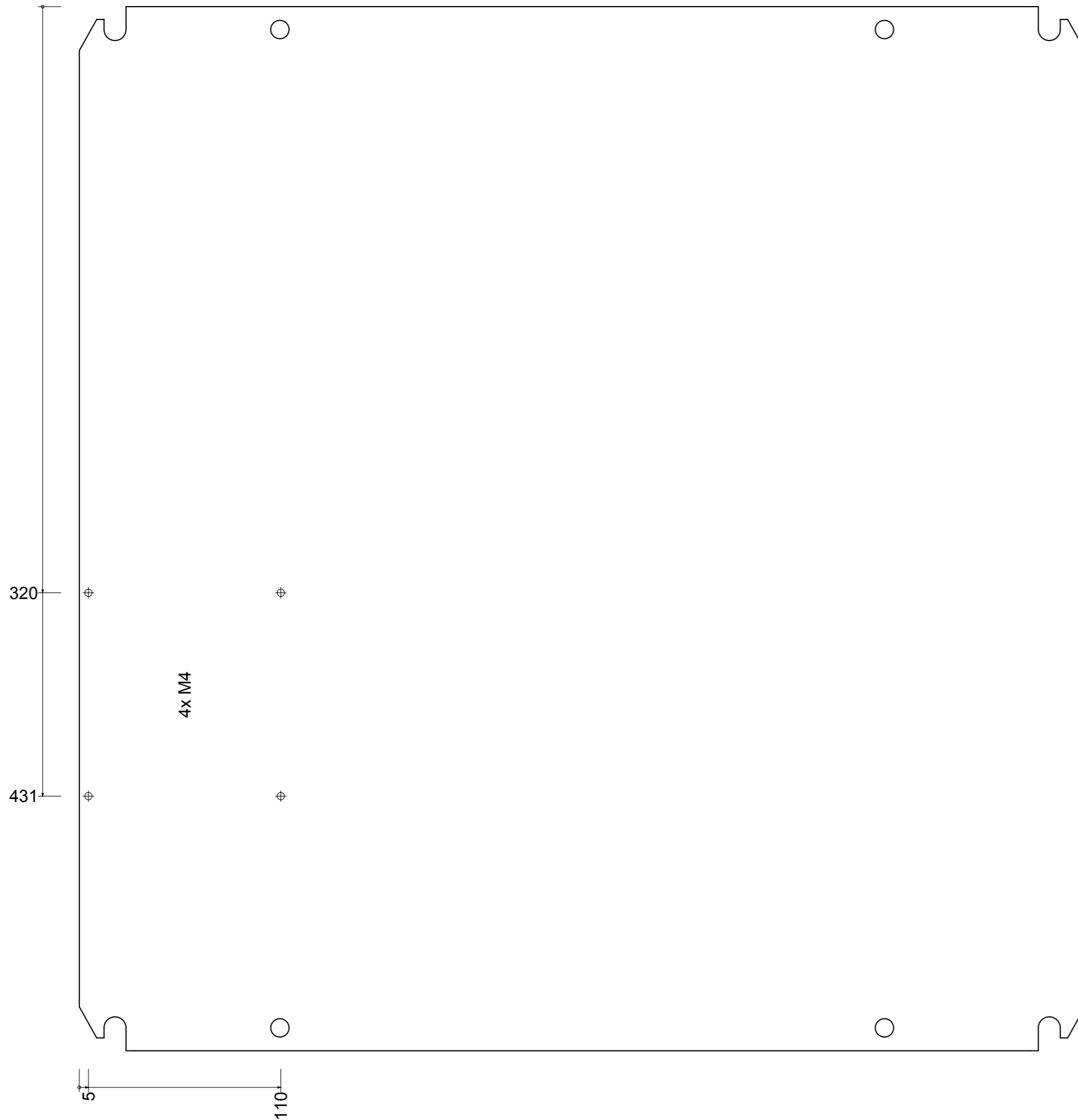
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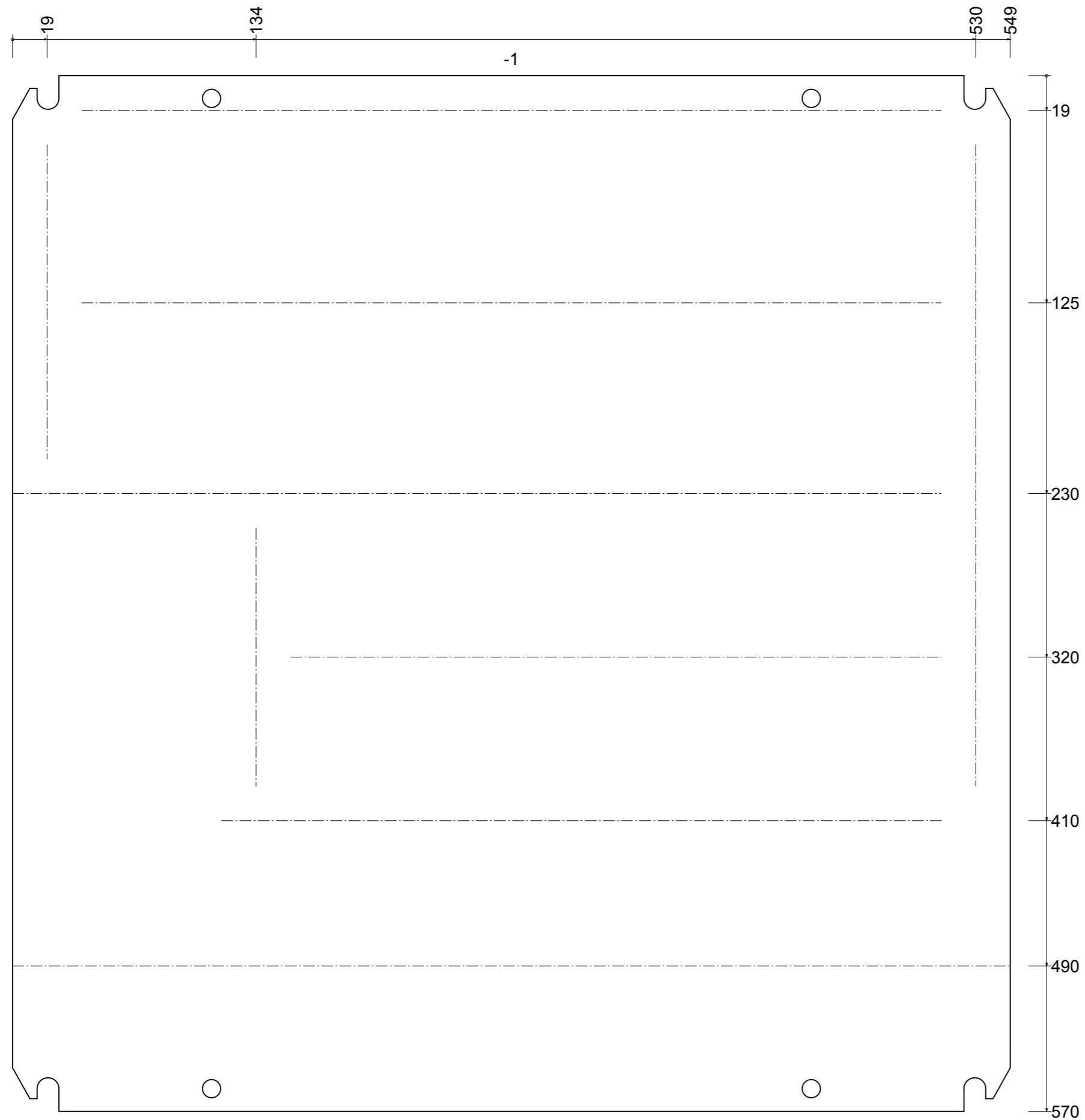


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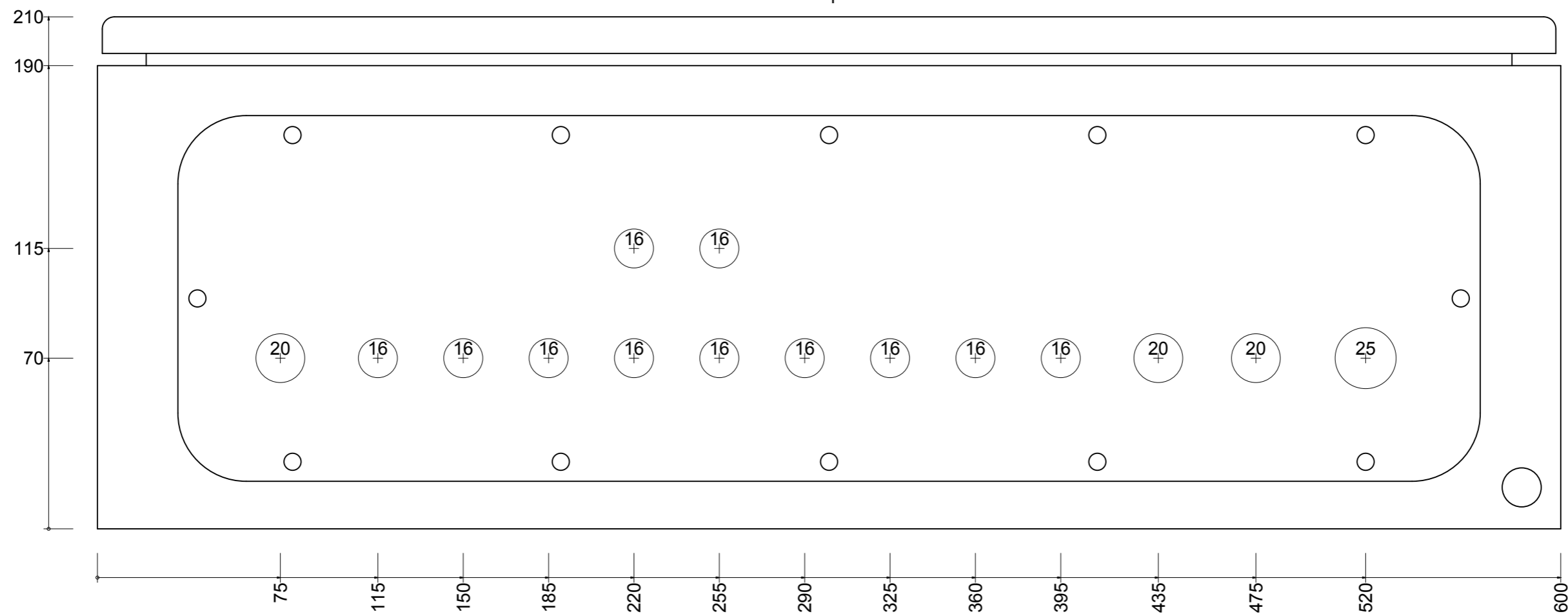


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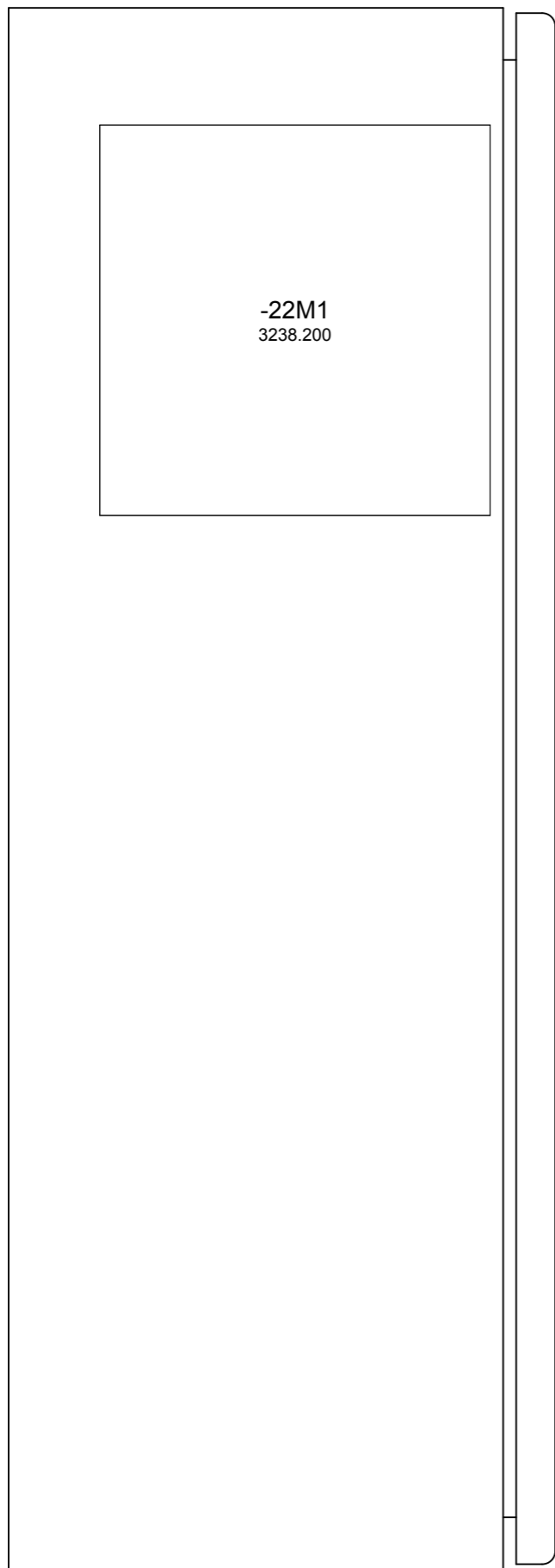




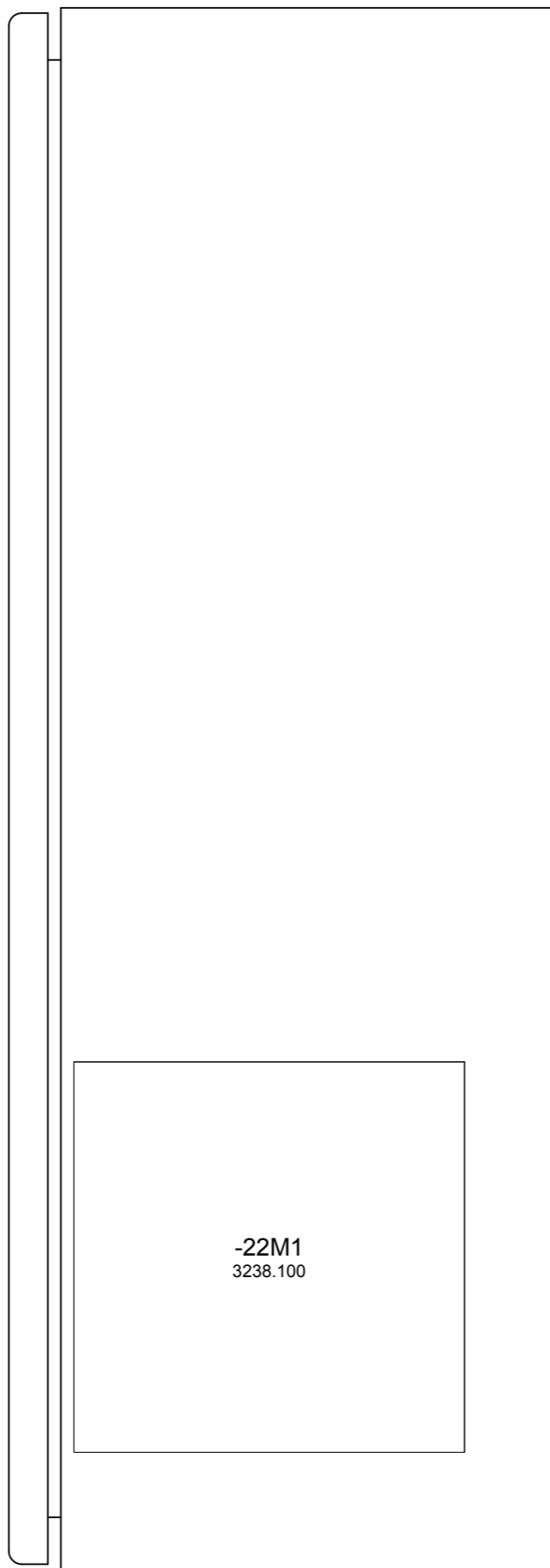
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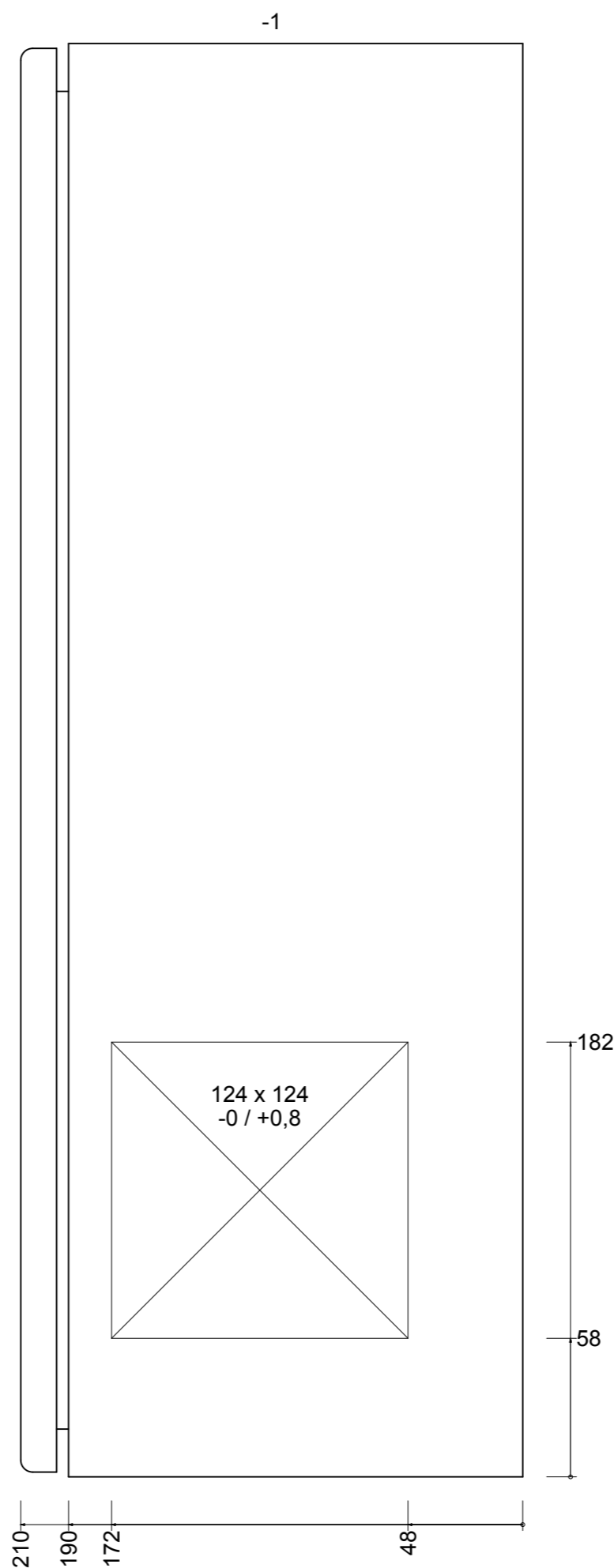
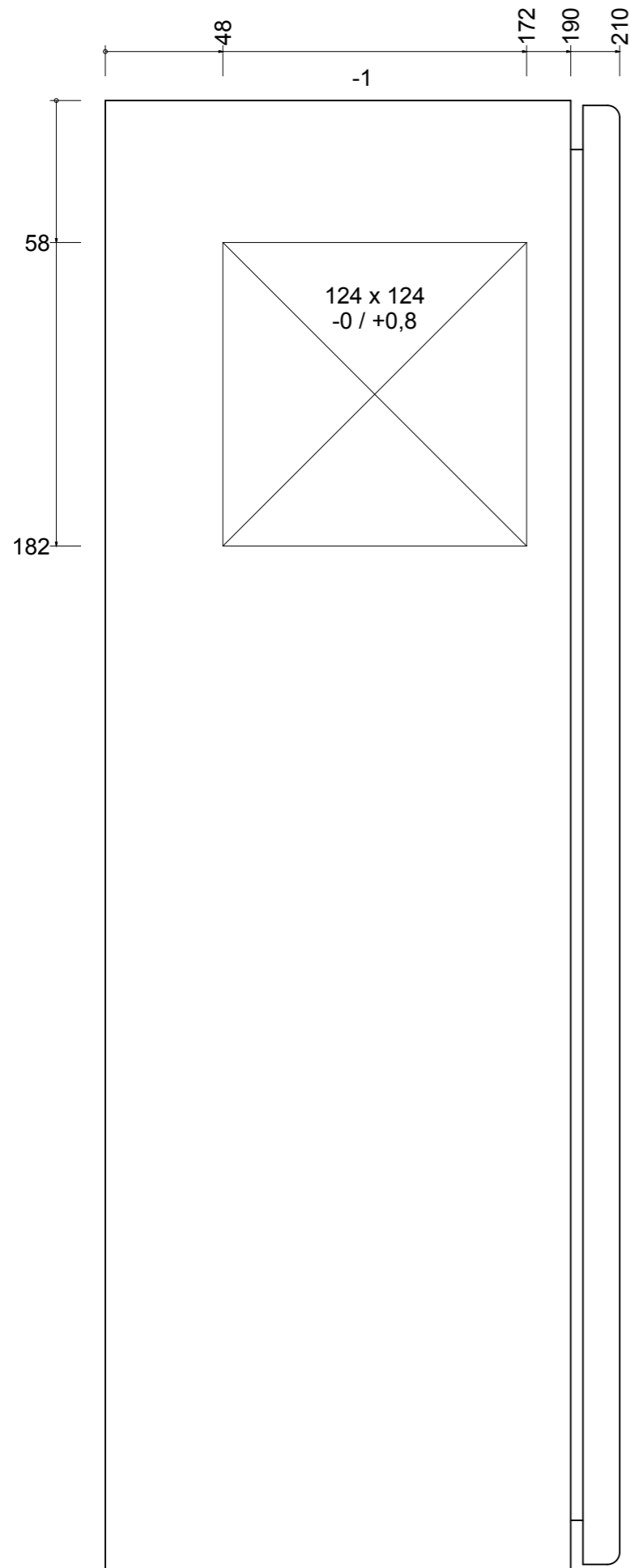


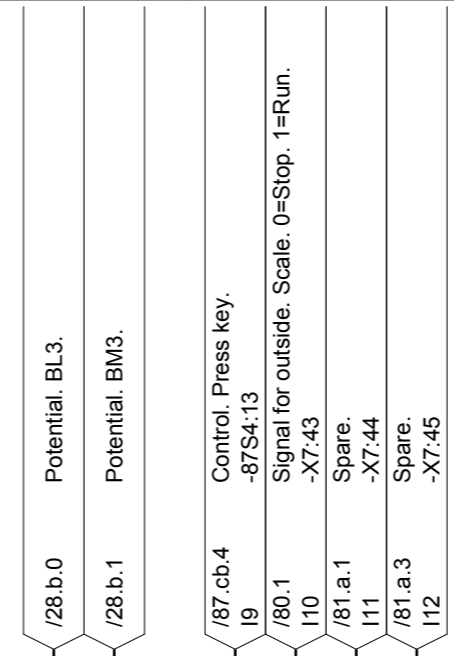
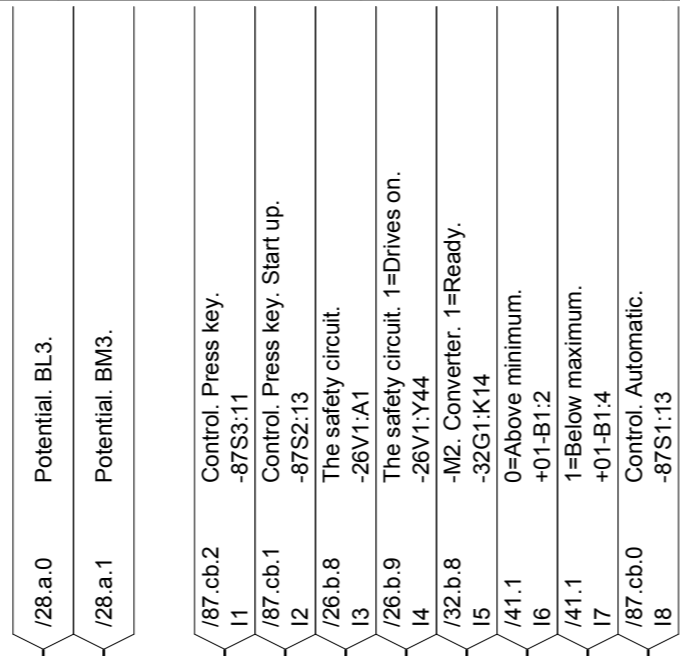
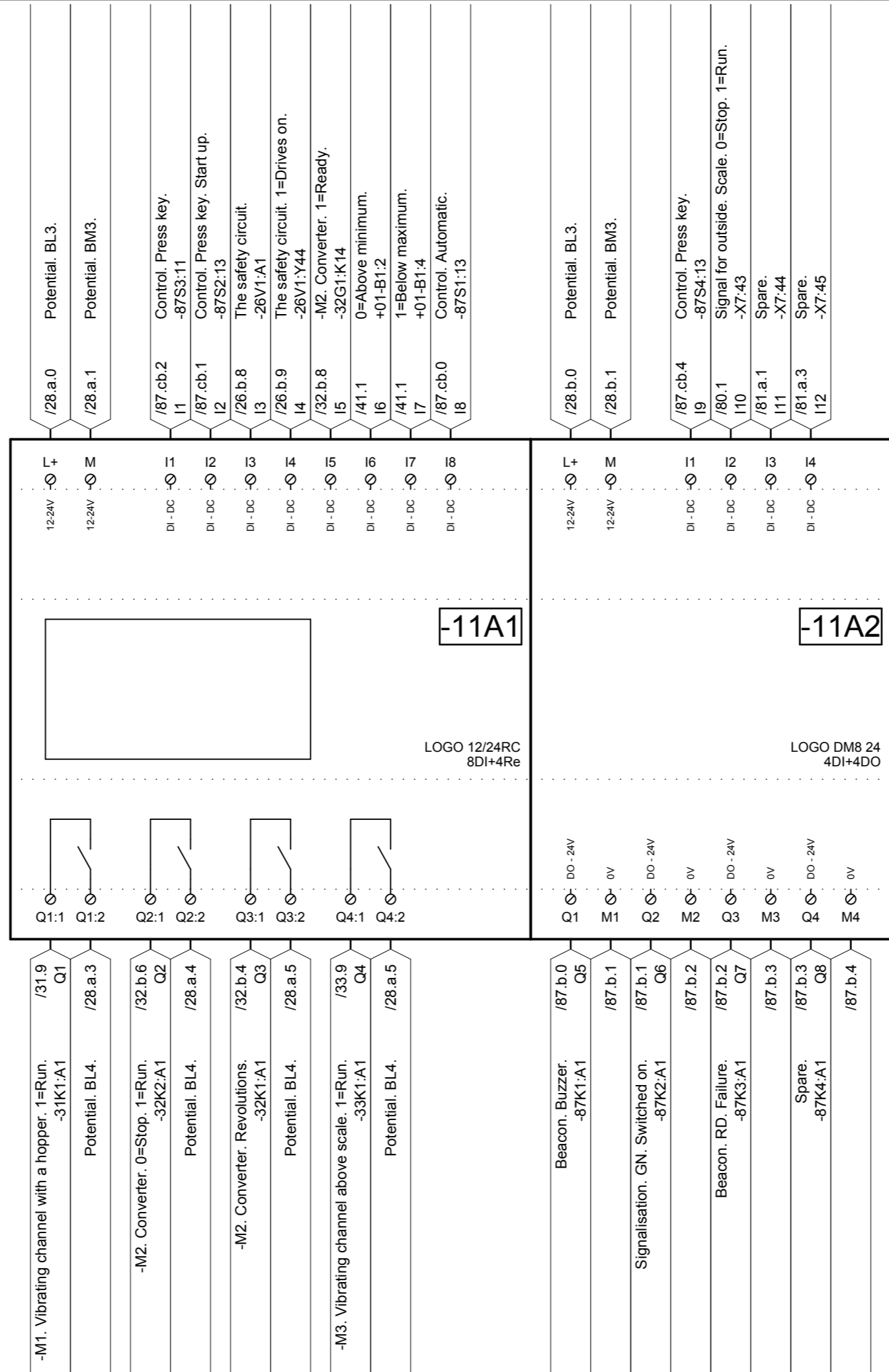
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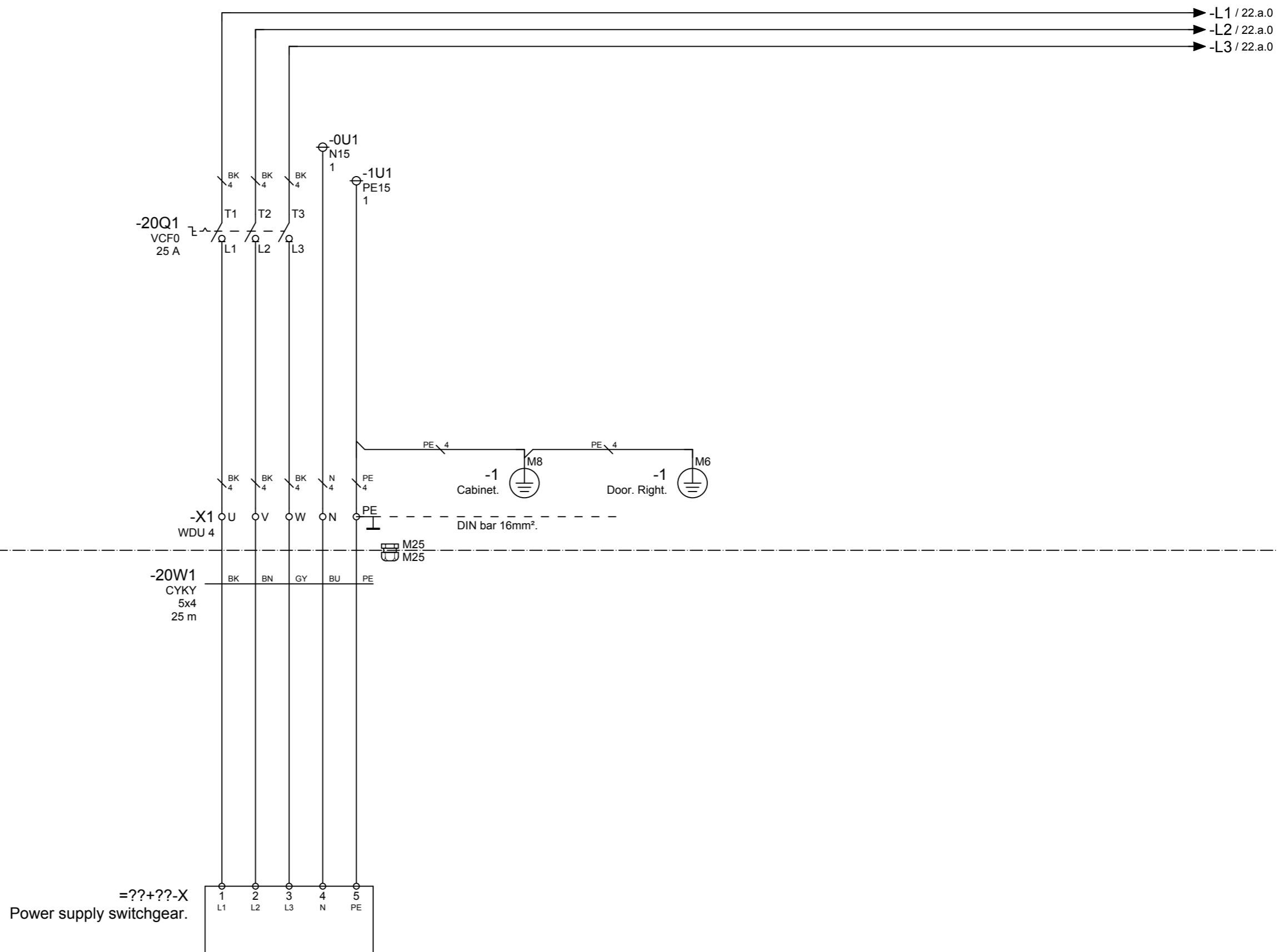


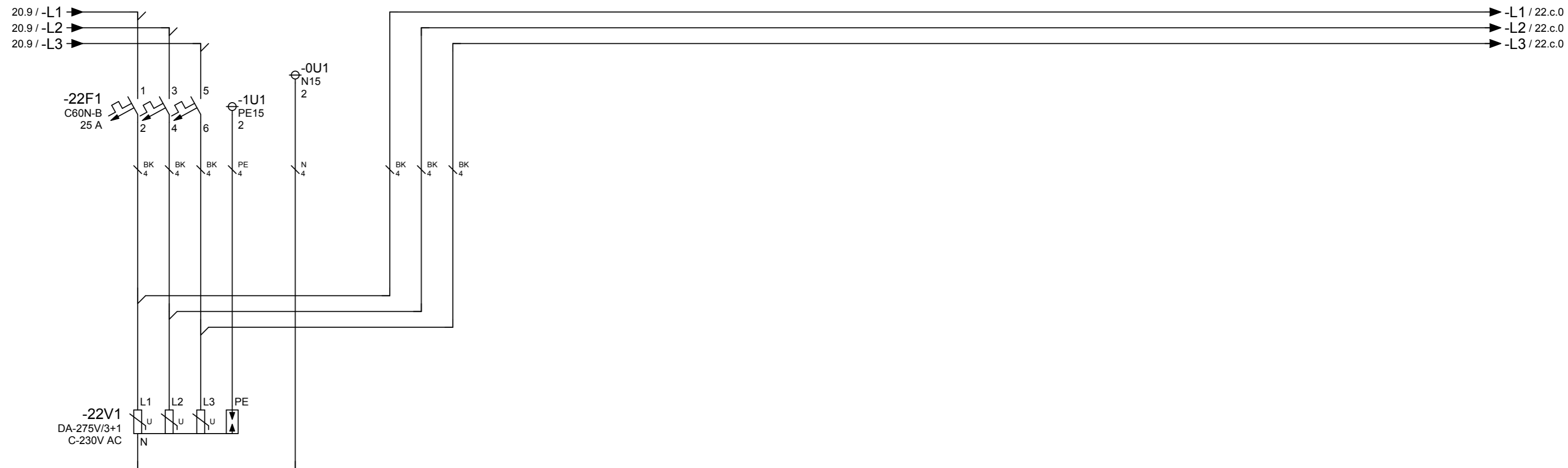
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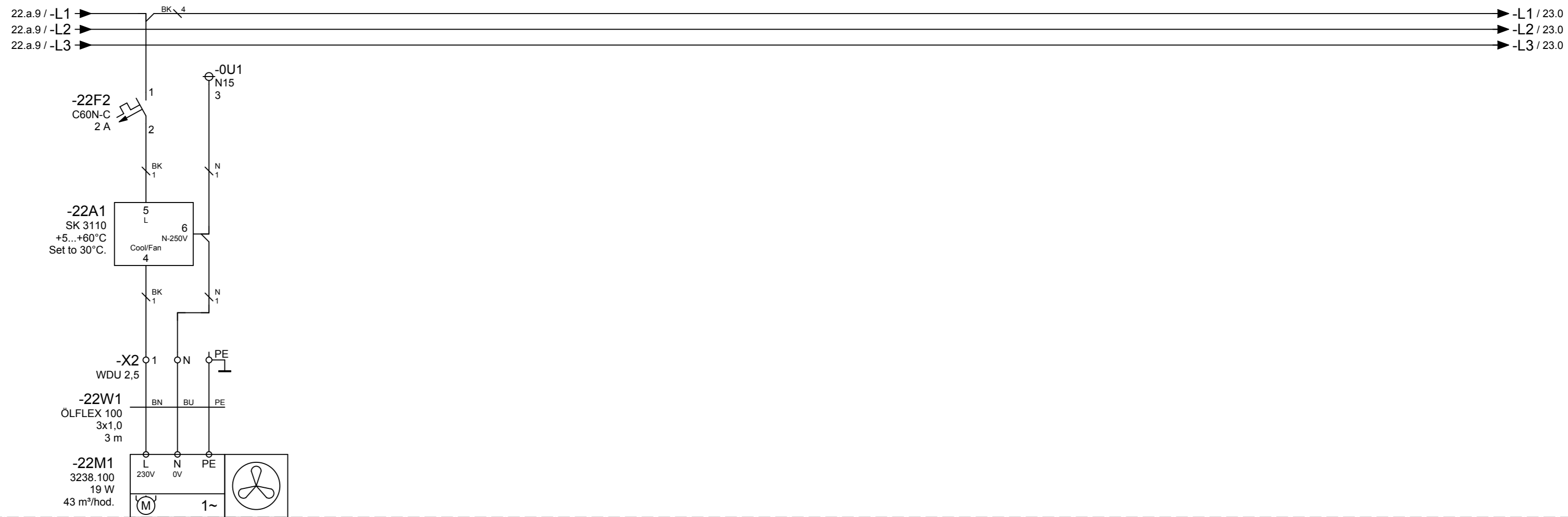




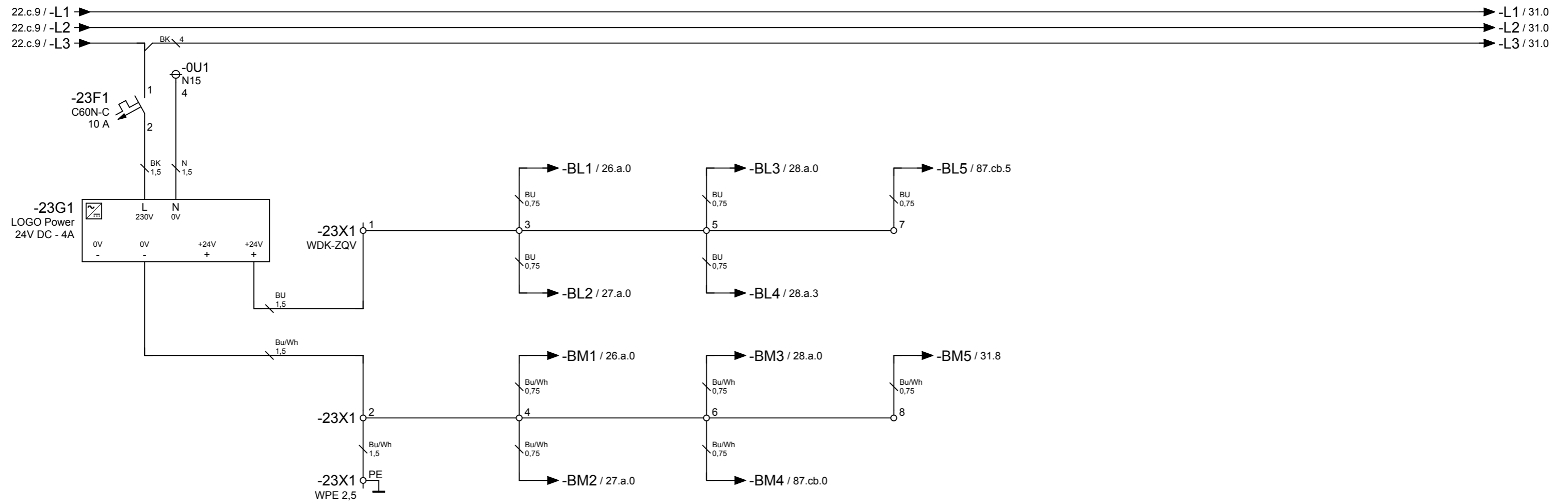




Protection
against overvoltage.

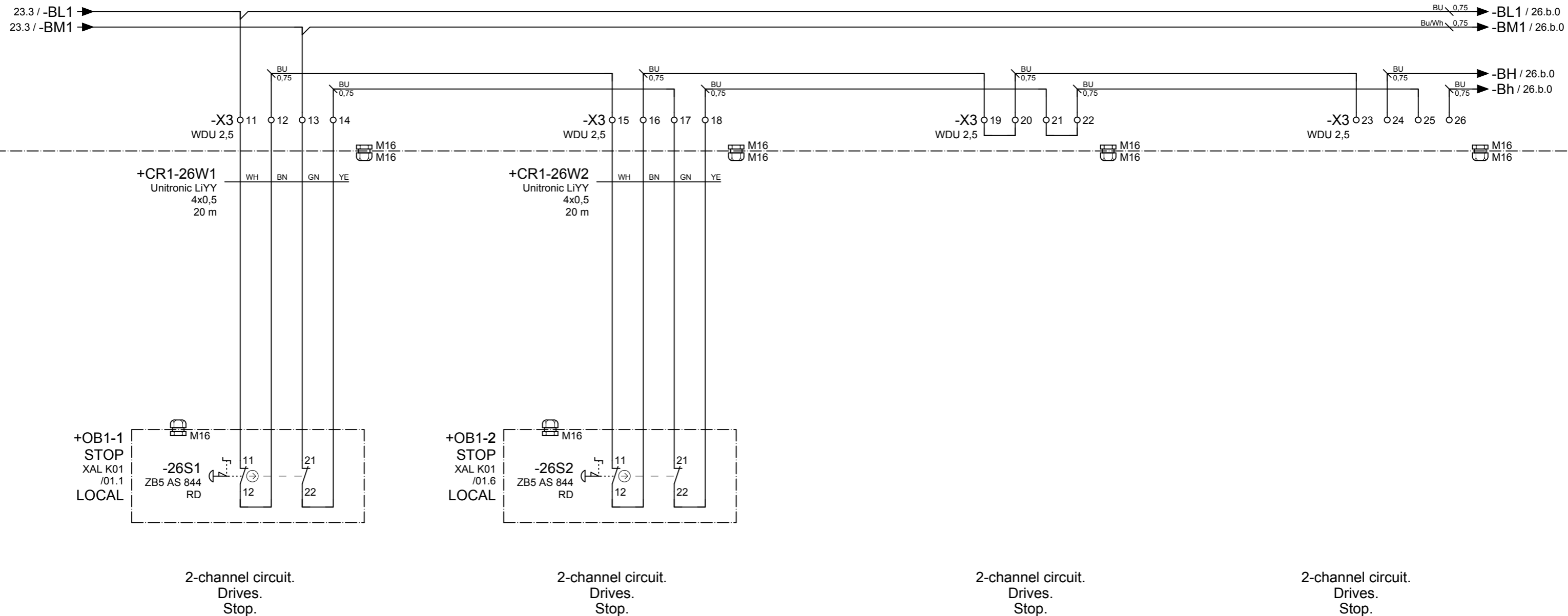


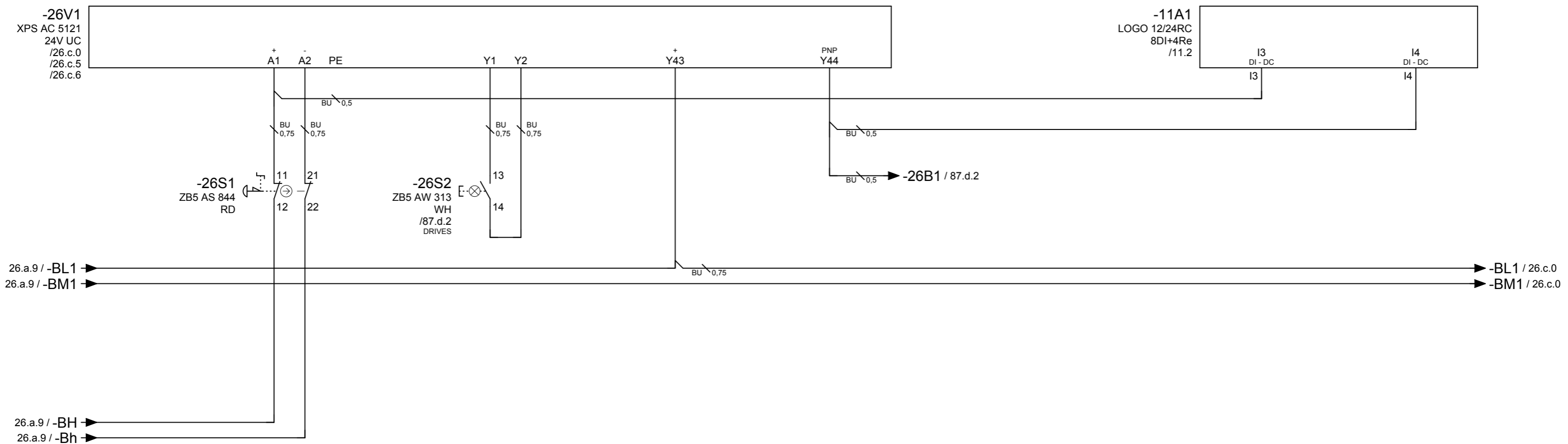
Cooling of switchgear.
Ventilator.



Source.
24V DC.

Jumper.
SELV / PELV.





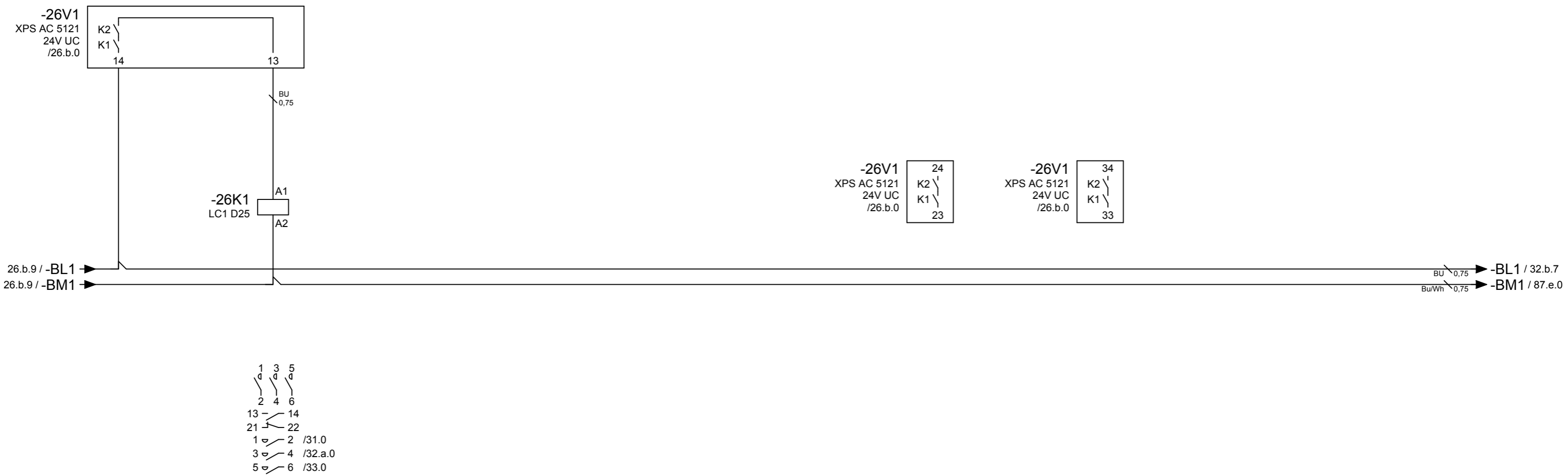
2-channel circuit.
Drives.
Stop.

Button.
Drives. Start.

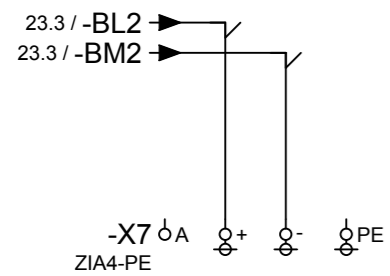
Signalisation.
Drives.
Switched on.

The safety circuit.

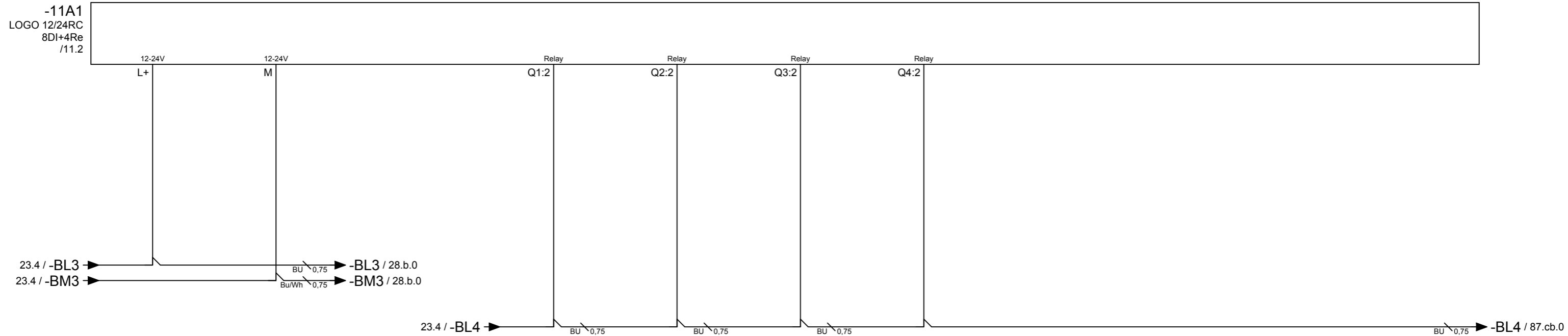
The safety circuit.
1=Drives on.



Contactor.
Drives.



Power supply.
X7.



Potential.
BL3.

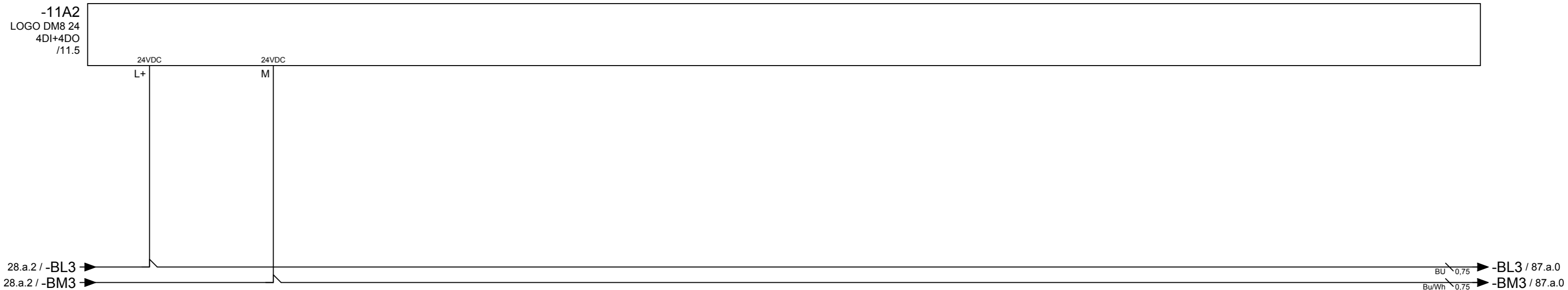
Potential.
BM3.

Potential.
BL4.

Potential.
BL4.

Potential.
BL4.

Potential.
BL4.



Potential.
BL3.

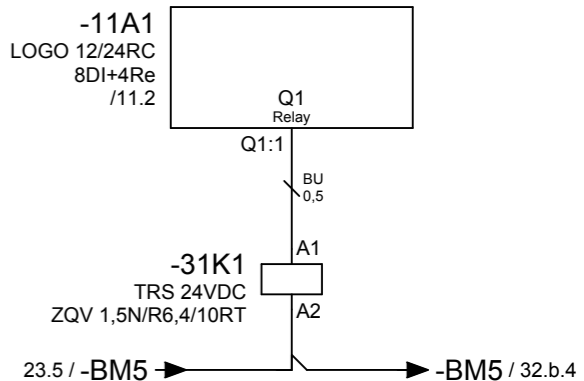
Potential.
BM3.

23.9 / -L1 →
 23.9 / -L2 →
 23.9 / -L3 →

-OU1
 N15
 11

-31F1
 C60N-C
 6 A

-26K1
 LC1 D25
 /26.c.1



14
 12

-31K1
 /31.9

-X3
 WDU 2,5

+CR1-31W2
 Unitronic LiYY
 4x0,5
 20 m

1 2
 CONN3 CONN3

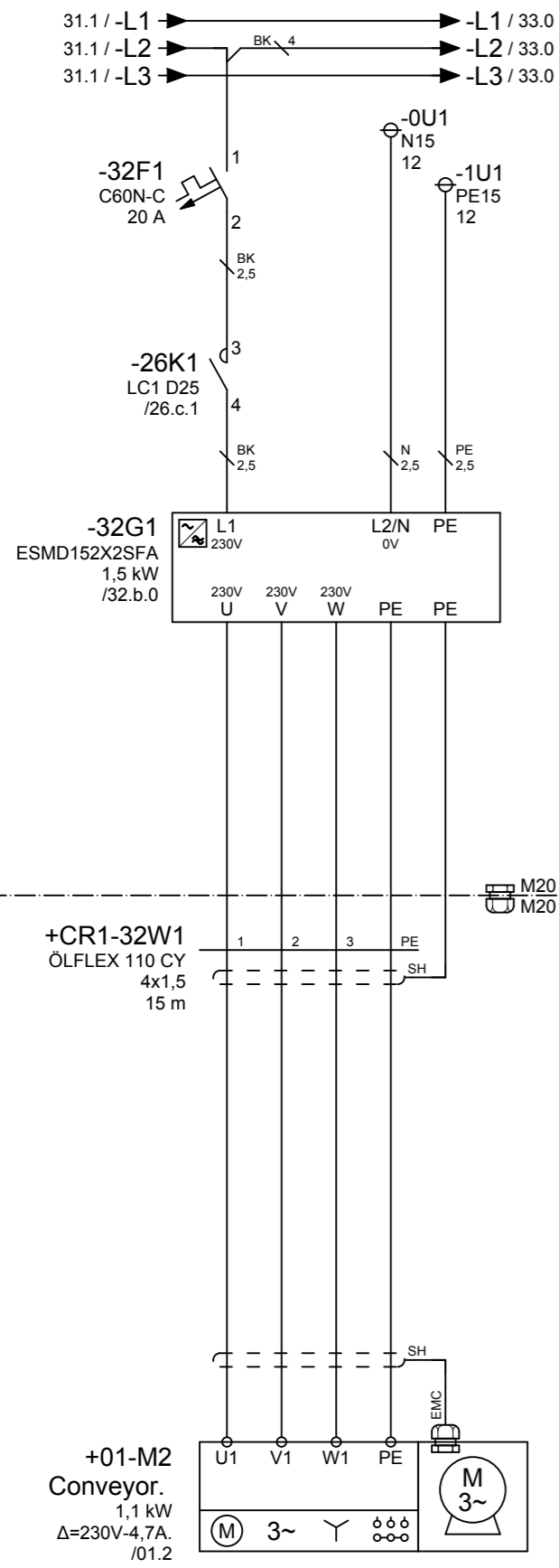
-X2
 WDU 2,5

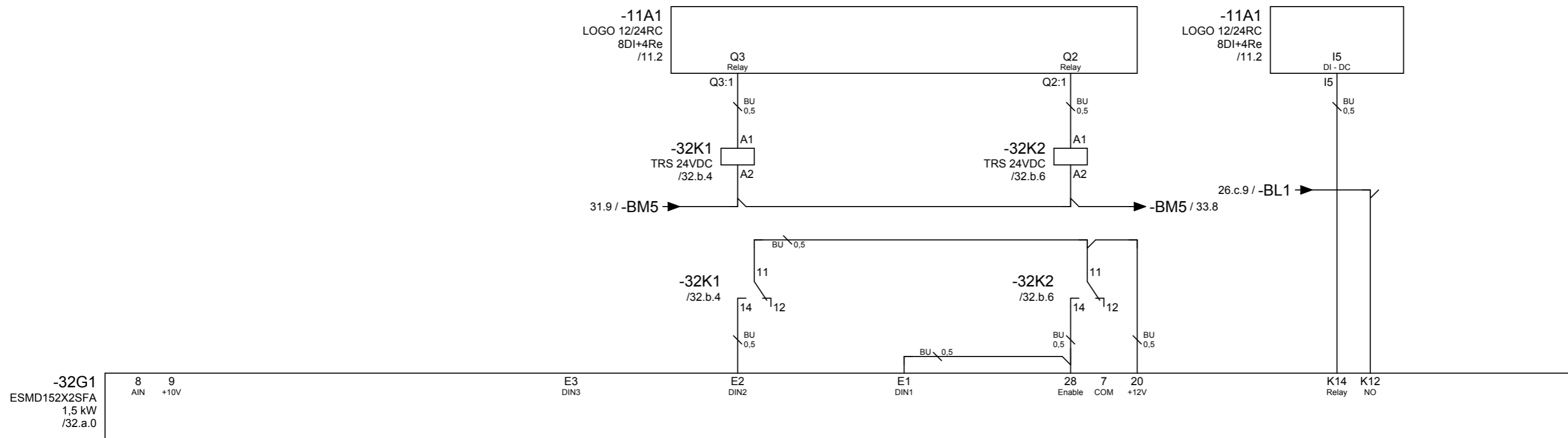
+CR1-31W1
 ÖLFLEX 100 CY
 3x1,5
 20 m

+01-G1
 PV R5FCX Z2 STM
 230V - 6A
 /01.1

+01-M1
 Vibrating channel
 with a hopper.
 230V. 1,9A.
 /01.2

-M1.
 Vibrating channel with a
 hopper. 1=Run.





| Parameter. | Name. | Value. |
|------------|----------------------------------|-------------|
| C00 | Password entry | 0 |
| C01 | Setpoint source: Analog input | 0 |
| C02 | Load Lenze factory setting | !!! 1-0 !!! |
| CE1 | Fixed setpoint 1 (JOG1) | 1 |
| ** CE2 | Fixed setpoint 2 (JOG2) | 2 |
| CE3 | DC braking (DCB) | 3 |
| ** C08 | Relay is energized if "Ready" | 0 |
| * C10 | Minimum output frequency | 0,0 Hz |
| * C11 | Maximum output frequency | 50,0 Hz |
| * C12 | Acceleration time | 1,0 s |
| * C13 | Deceleration time | 1,0 s |
| C14 | Linear characteristic with boost | 2 |
| C15 | V/f reference point | 50,0 Hz |
| C16 | Vmin boost | 6 % |
| C17 | Frequency threshold | 0,0 Hz |
| C18 | Chopper frequency | 8 kHz |

| Parameter. | Name. | Value. |
|------------|------------------------------------|---------|
| C21 | Slip compensation | 0 % |
| C22 | Current limit (from SMD rate) | 150 % |
| C24 | Accel boost | 0 % |
| ** C34 | AI range = 0-20 mA | 2 |
| C36 | (DCB) Voltage - DC injection brake | 4 % |
| * C37 | Fixed setpoint 1 (JOG 1) | 50,0 Hz |
| C38 | Fixed setpoint 2 (JOG 2) | 12,0 Hz |
| * C39 | Fixed setpoint 3 (JOG 3) | 12.0 Hz |
| C46 | Frequency setpoint | ... |
| C50 | Output frequency | ... |
| C53 | DC bus voltage | ... |
| C54 | Motor current | ... |
| C94 | User password | 0 |
| C99 | Software version | ... |
| ... | ... | ... |
| ... | ... | ... |

| Parameter. | Name. | Value. |
|------------|--|--------|
| c06 | Holding time (Auto-DCB) | 0,0 s |
| ** c20 | I ² t switch-off time (from SMD rate) | 67 % |
| c40 | Frequency setpoint via keys | 0,0 Hz |
| ** c42 | Start after 0-1 change at terminal 28 | 0 |
| c61 | Present status/error message | ... |
| c62 | Last error message | ... |
| c63 | Last but one error message | ... |
| c70 | TRIP reset (manual on 28 or DI) | 0 |
| c71 | Auto TRIP reset delay | 0,0 s |
| c78 | Operating time counter | ... |
| c79 | Mains connection time counter | ... |
| ... | ... | ... |
| ... | ... | ... |
| * | Set during activation. | ... |
| ** | Necessary project settings. | ... |
| ... | Unchanged. | ... |

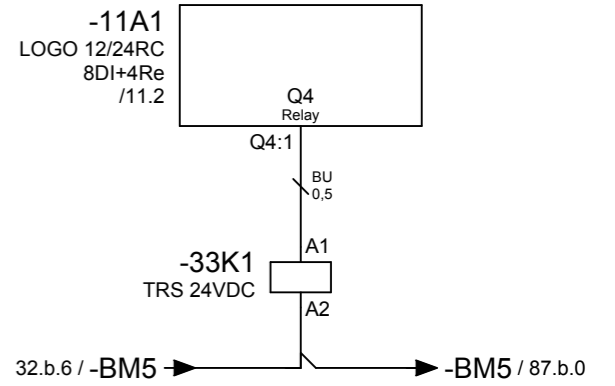
-M2.
Converter.
Revolutions.

-M2.
Converter.

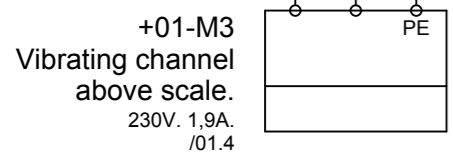
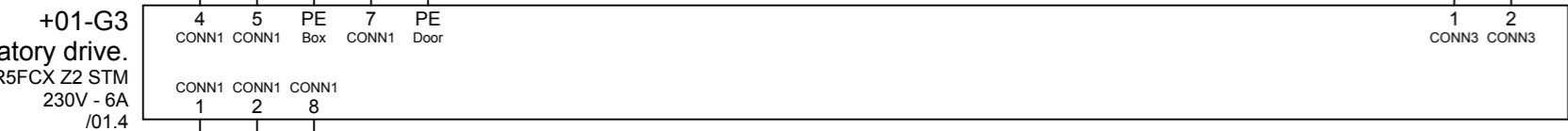
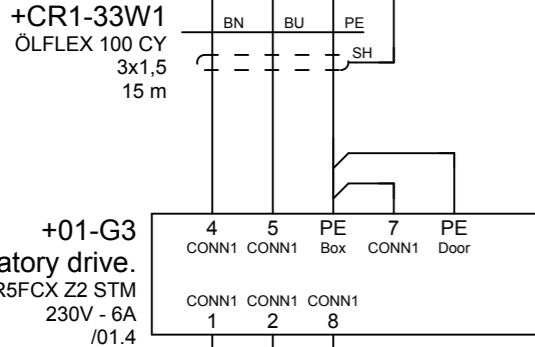
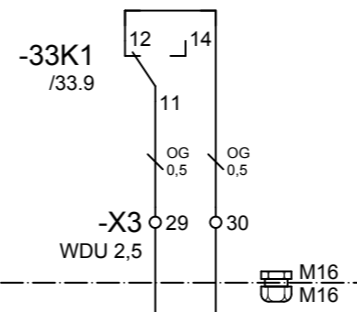
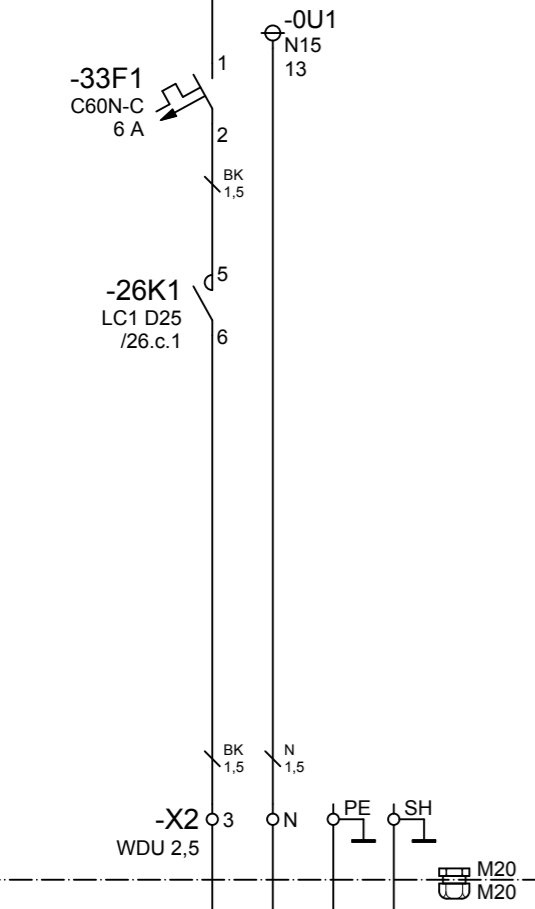
-M2.
Converter.
0=Stop.
1=Run.

-M2.
Converter.
1=Ready.

32.a.1 / -L1 /
 32.a.1 / -L2 /
 32.a.1 / -L3 /

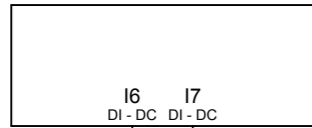


14
 12 11 /33.5



-M3.
 Vibrating channel above
 scale. 1=Run.

-11A1
LOGO 12/24RC
8DI+4Re
/11.2



16 17
DI-DC DI-DC
BU 0,5 BU 0,5

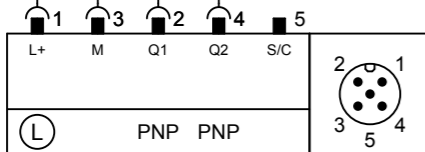
-X7 PE +
ZIA4

M16
M16

+CR1-41W1
Unitronic LiYY
4x0,5
15 m

WH GN BN YE

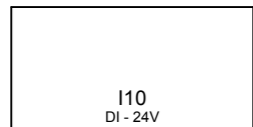
90°M12
E11252
+CR1-41X1



+01-B1
LS-L-H
UP56-211112
30...250 mm
/01.5

0=Above minimum.
1=Below maximum.

-11A2
LOGO DM8 24
4DI+4DO
/11.5



I10
DI - 24V

I2

BU
0.5



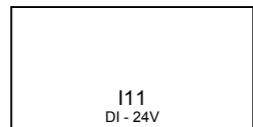
-X7 ♂+ ♂- ♂43 ♂PE
ZIA4



+CR1-80W1
Unitronic LiYY
4x0,5
15 m

Signal for outside.
Scale.
0=Stop.
1=Run.

-11A2
LOGO DM8 24
4DI+4DO
/11.5



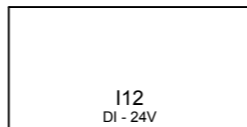
I3
BU
0.5

-X7 ♂+ ♂-
ZIA4

Spare.



-11A2
LOGO DM8 24
4DI+4DO
/11.5

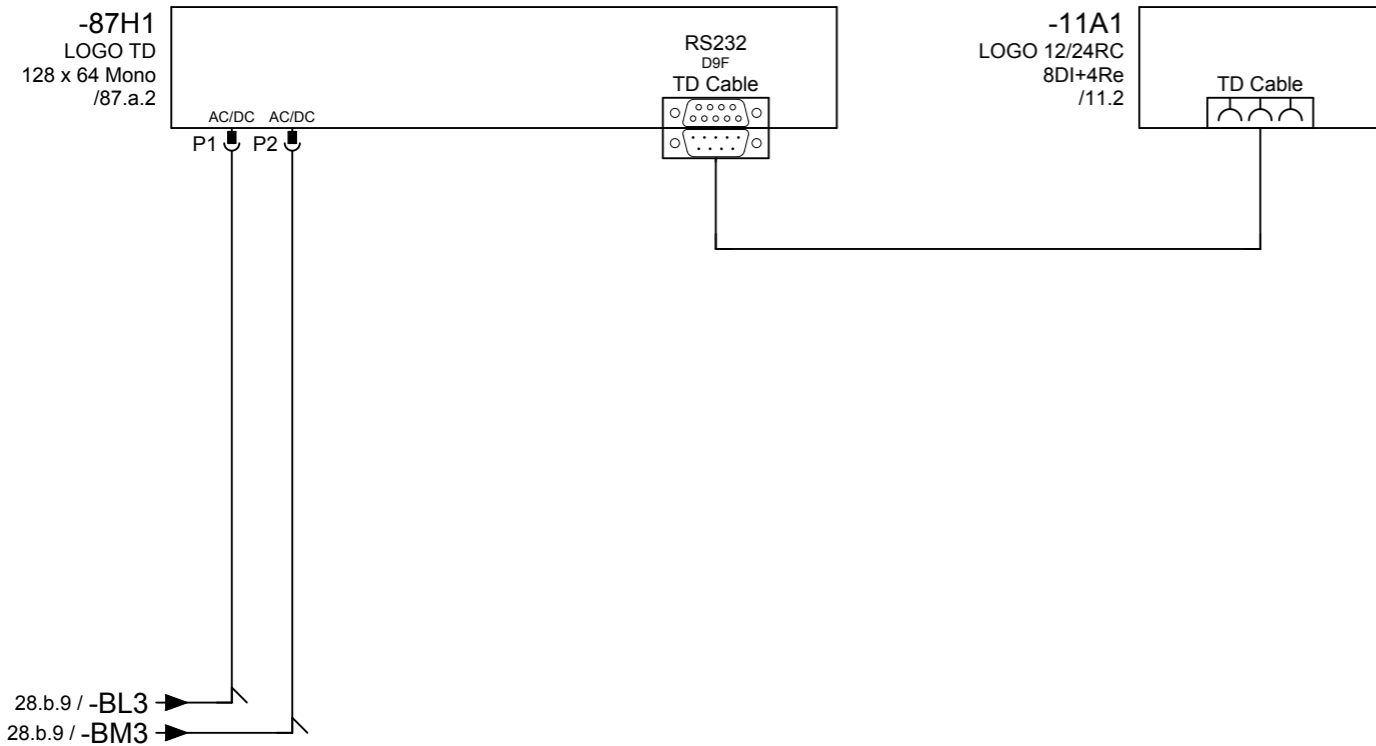


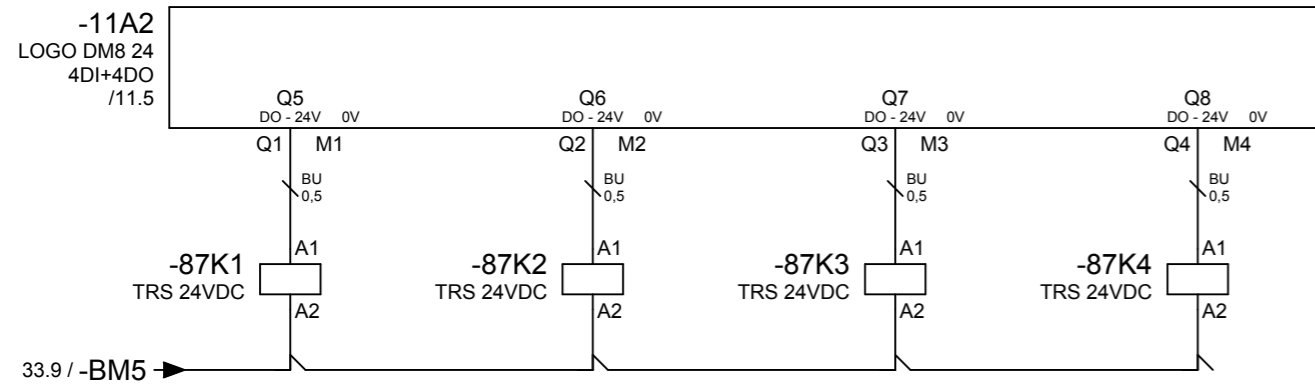
I4
BU
0.5

-X7 ♂+ ♂-
ZIA4

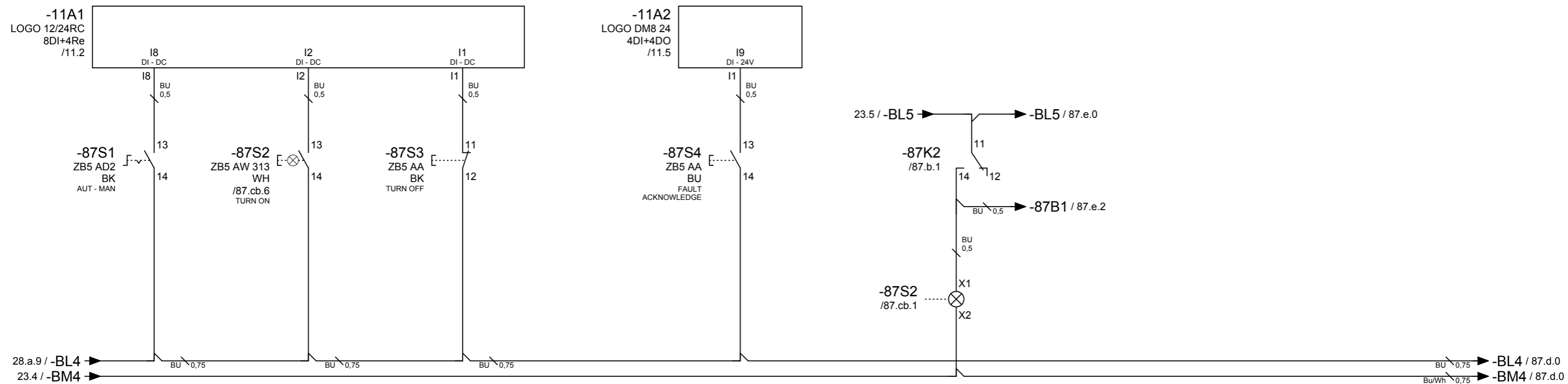
Spare.







Beacon. Buzzer. Signalisation. GN. Switched on. Beacon. RD. Failure. Spare.



Control. Automatic.

Control. Press key. Start up.

Control. Press key.

Control. Press key.

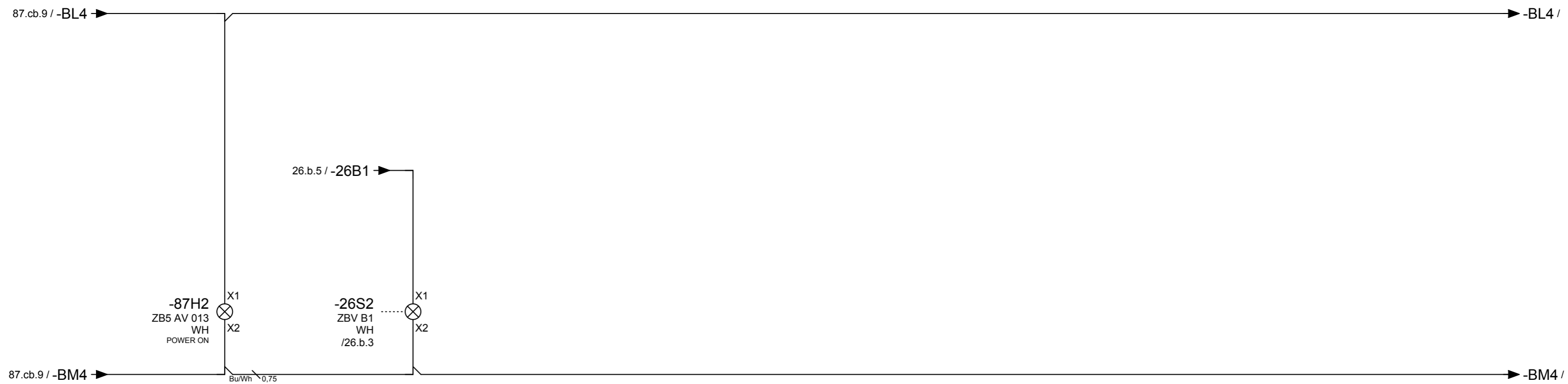
Control. Line 1.

| | | | |
|--------------------------|------------------------------|------------|--------------------|
| Creator | V00 | 01.04.2014 | Ing. Tisovčík Ivan |
| Last revision of project | | | |
| Last revision of page | | | |
| M = 1 : 1 | Schéma vícepólového zapojení | 09.05.2015 | WUP0U34409 |

= 9425

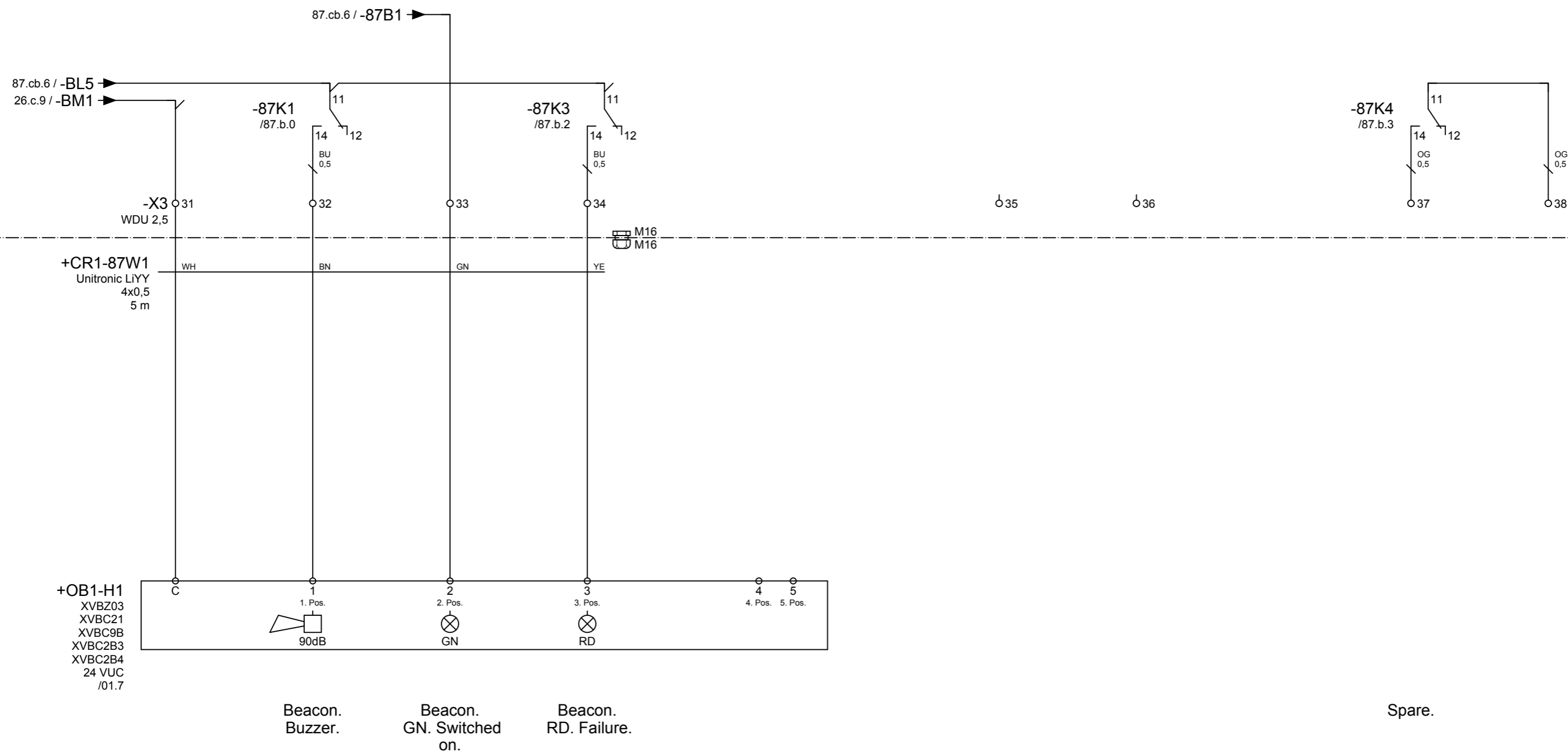
+ EB1

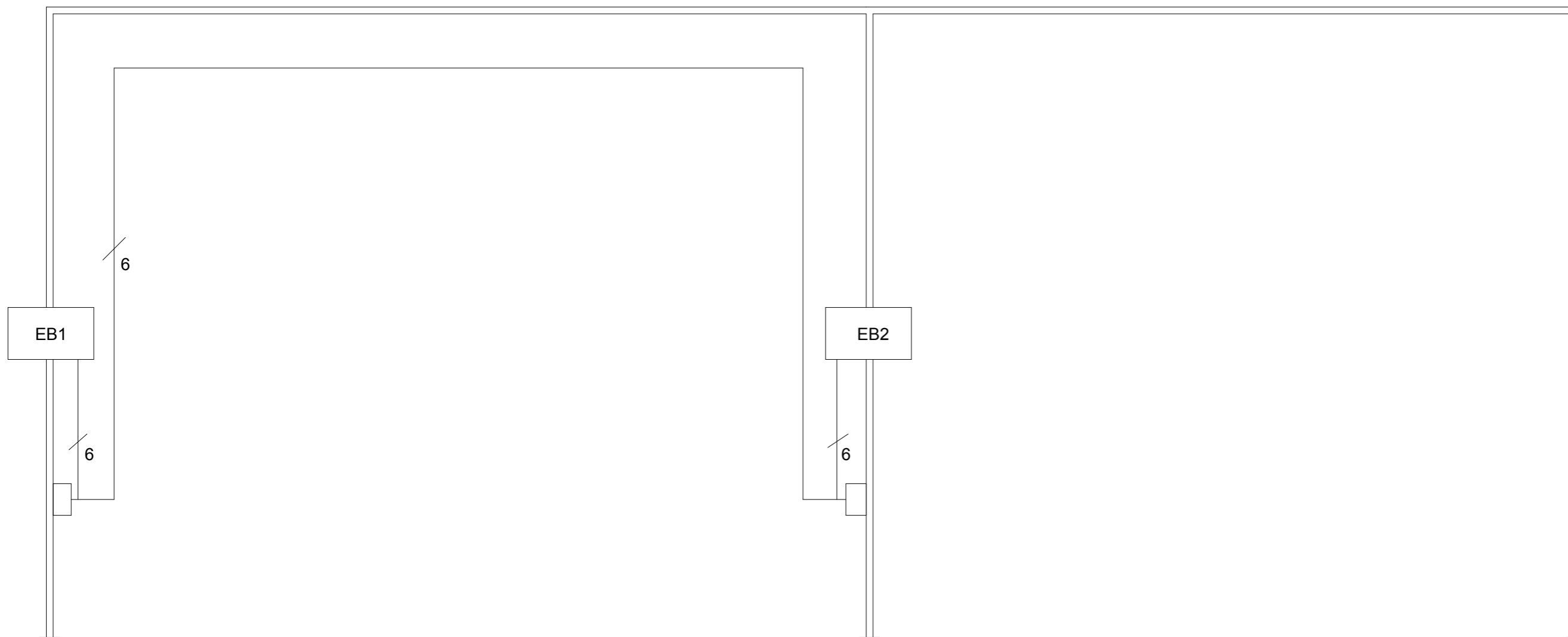
87.cb

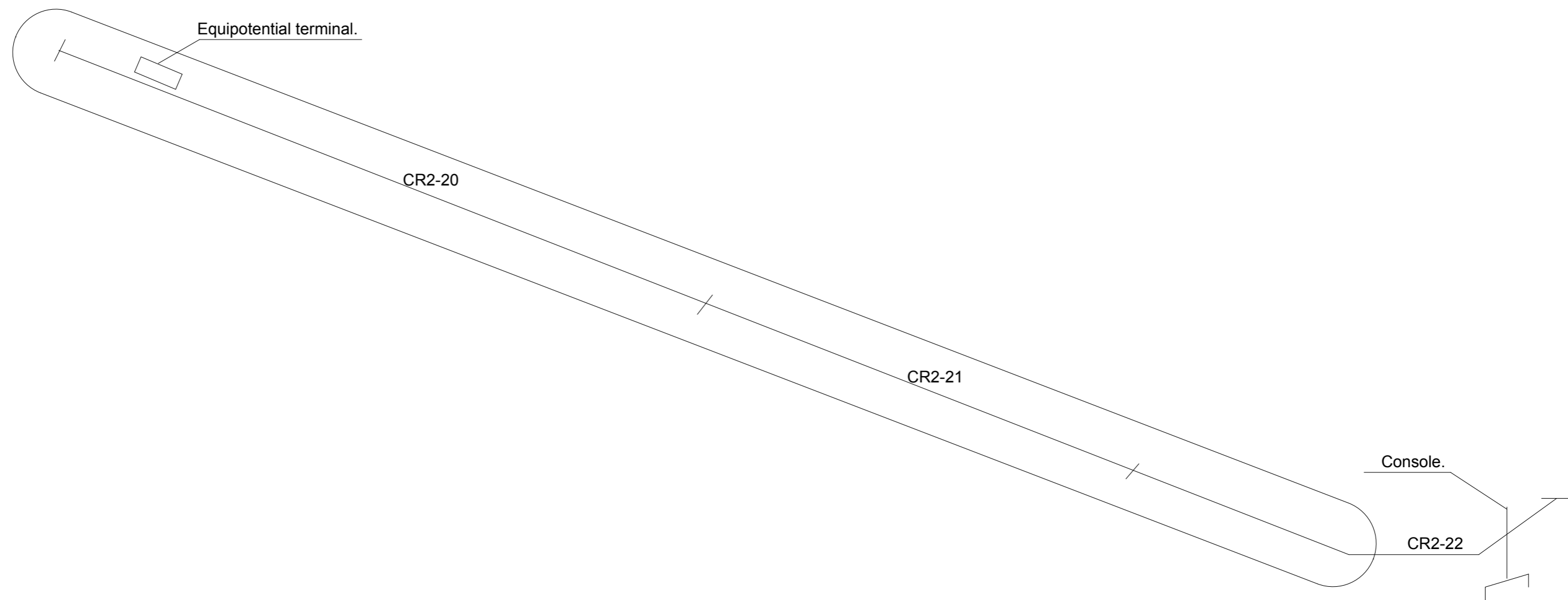


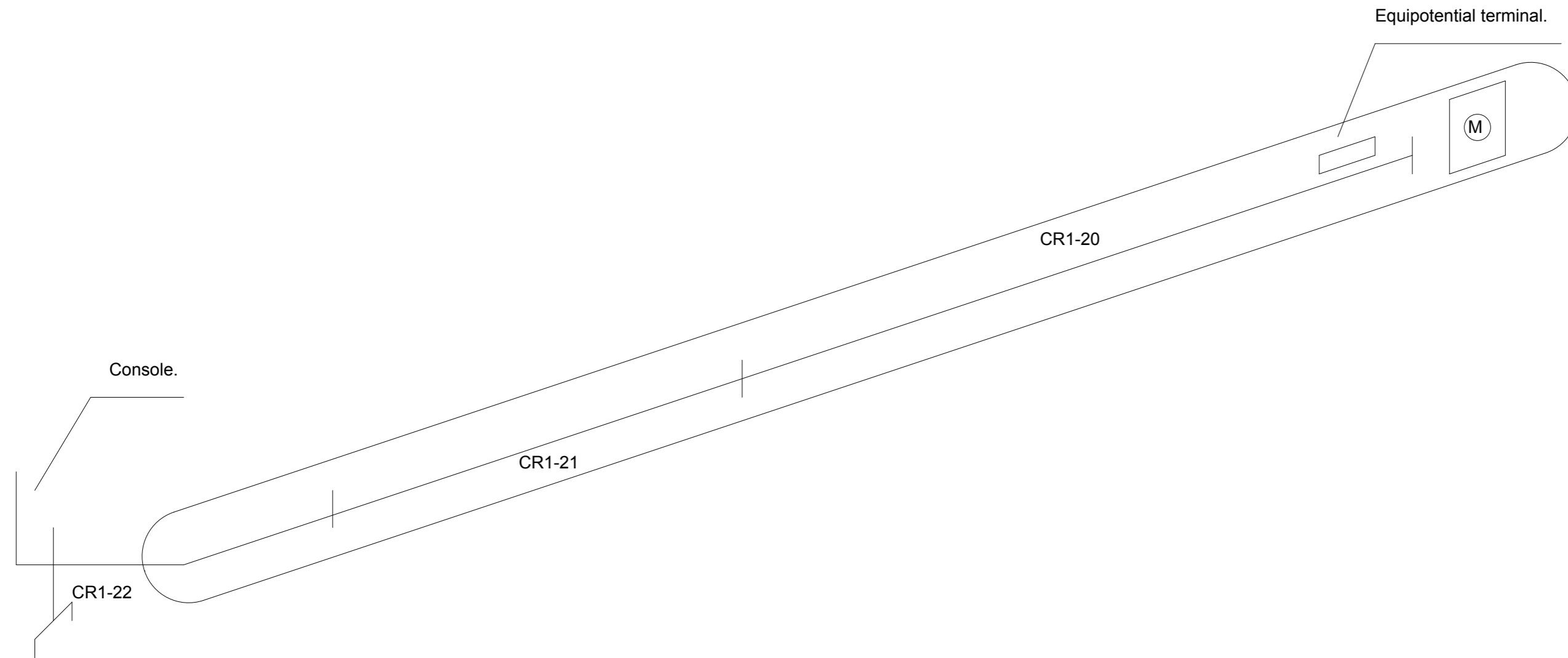
Indicator.
POWER ON

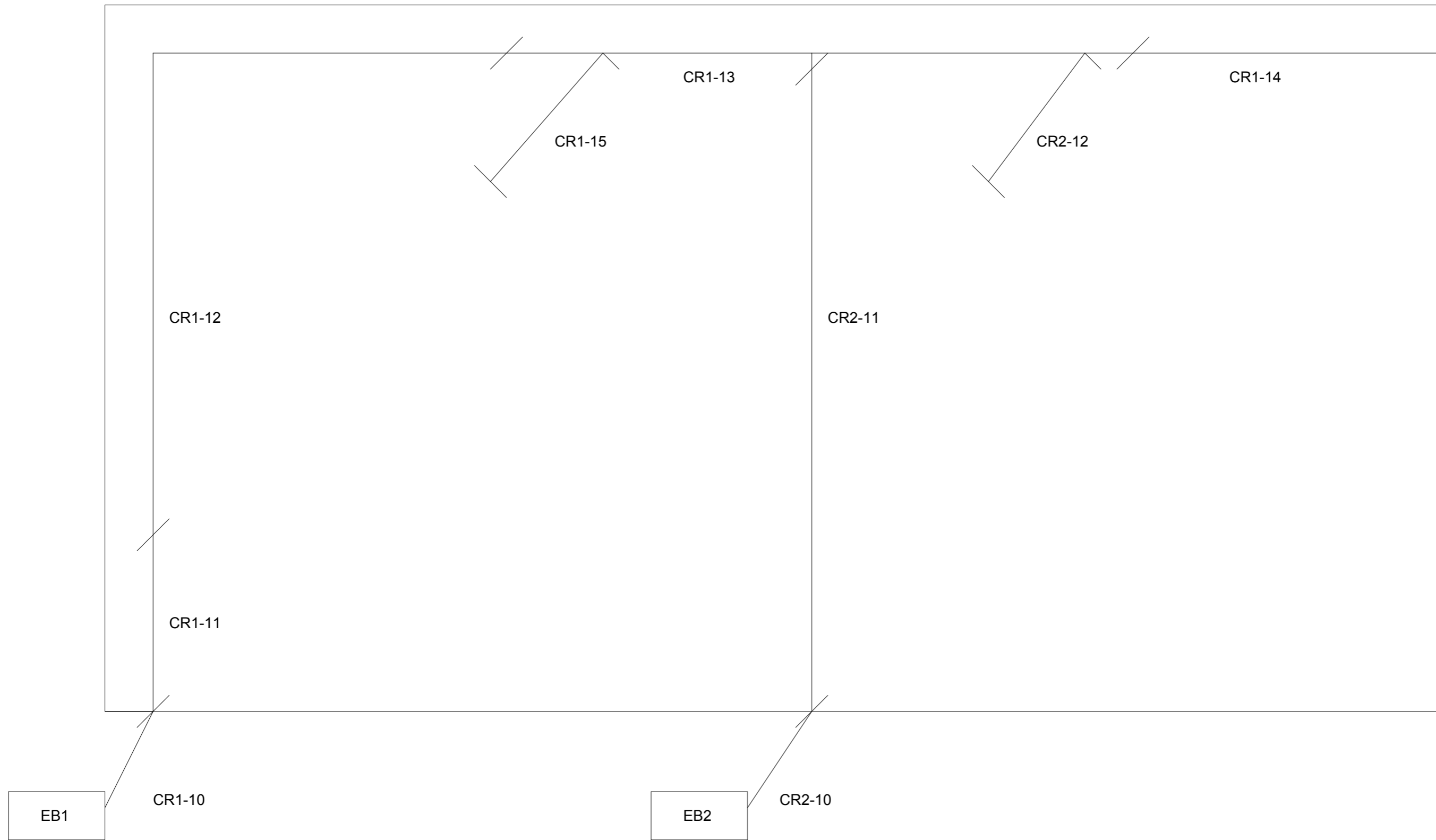
Signalisation.
Drives.
Switched on.

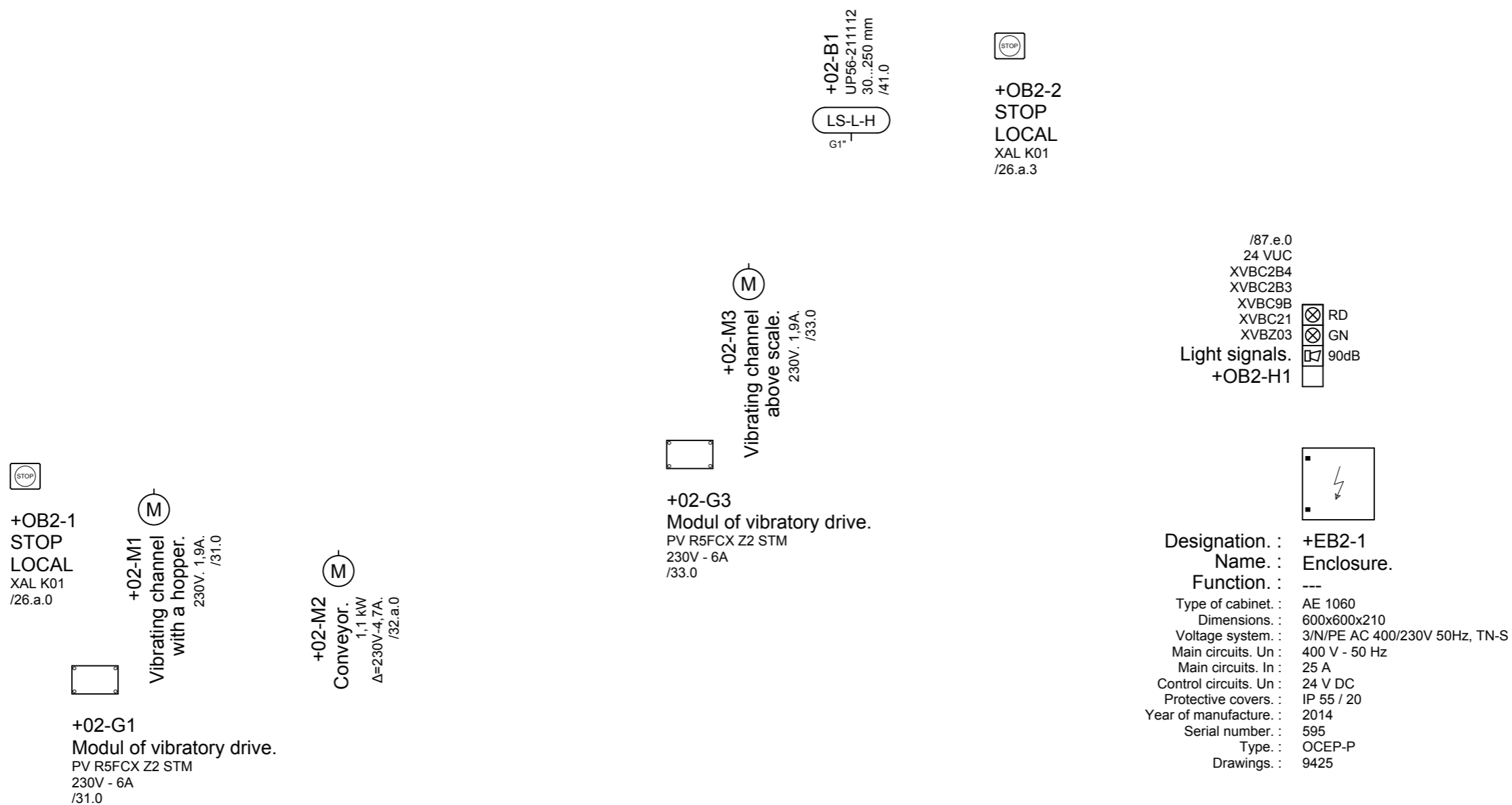






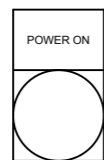
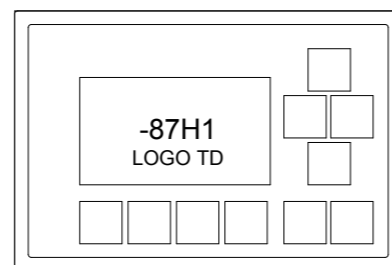
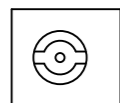




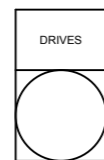


Viewing technology is hidden.

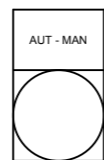
-1



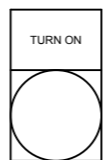
-87H2



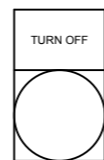
-26S2



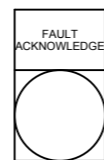
-87S1



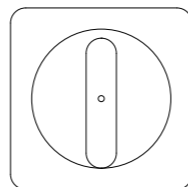
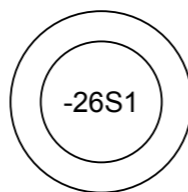
-87S2



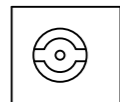
-87S3



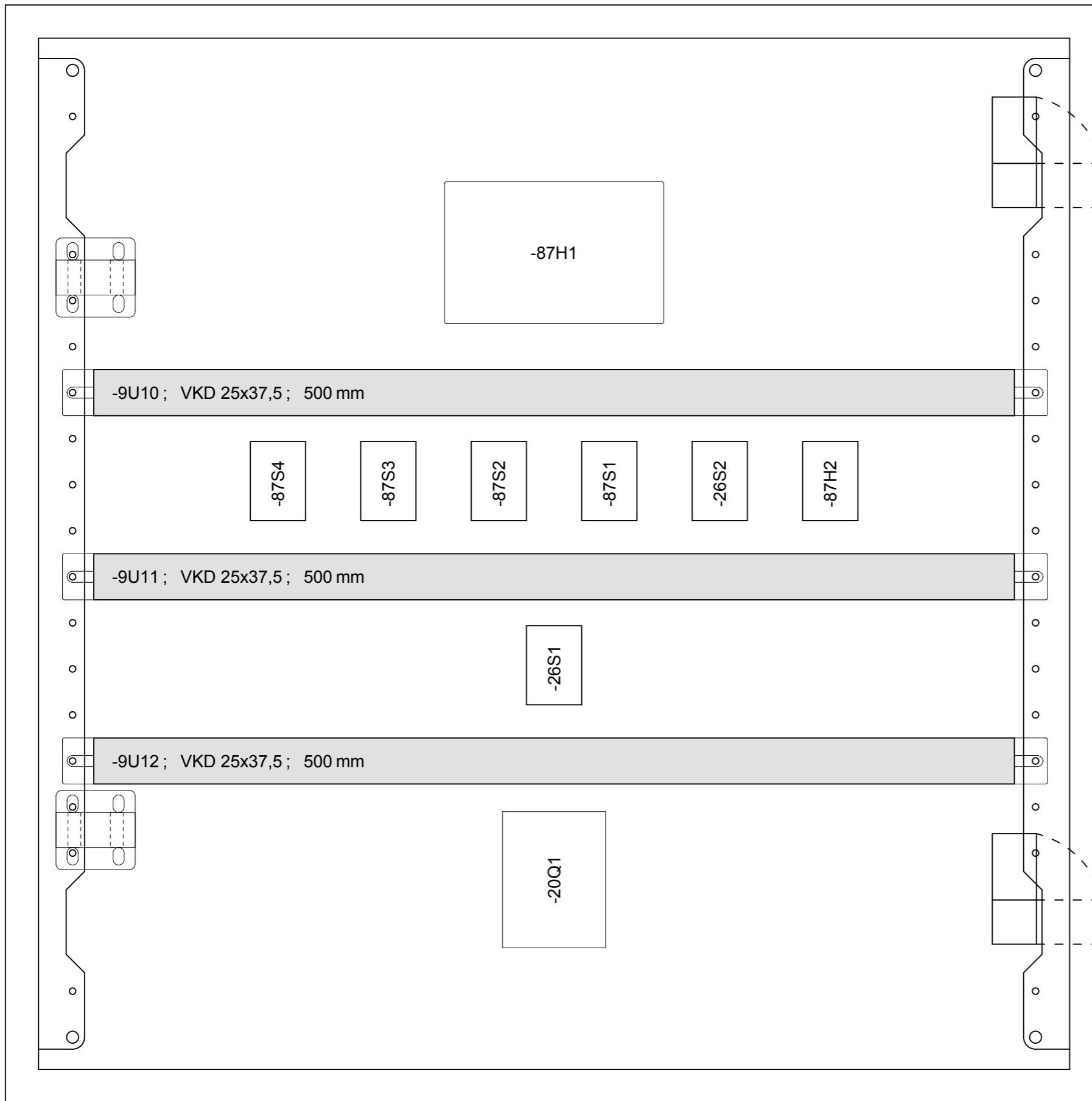
-87S4

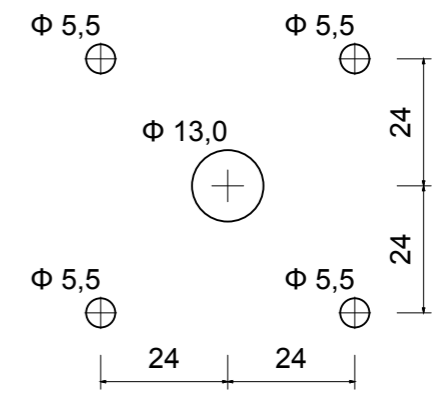
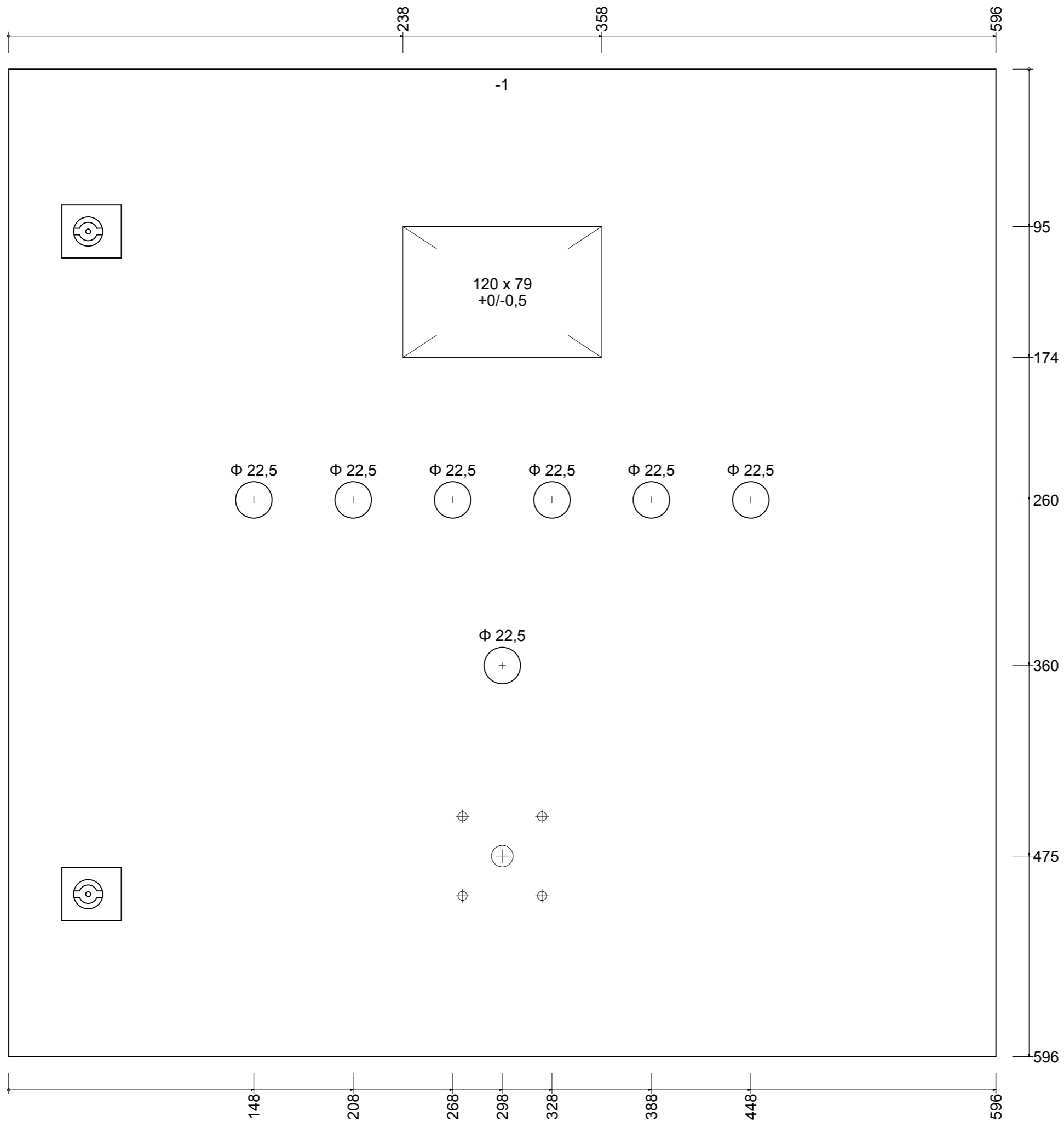


-20Q1
VCF0



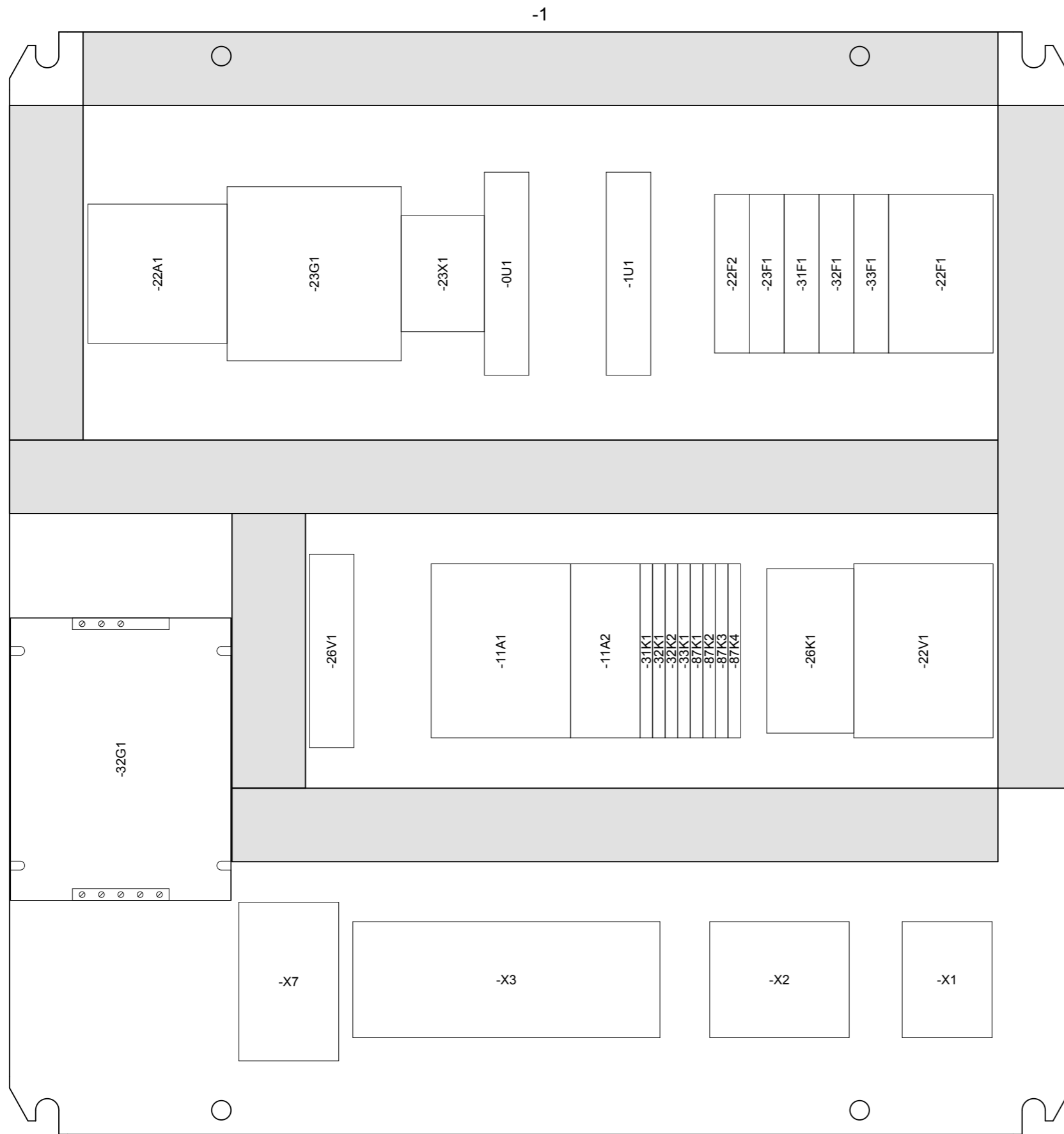
-1



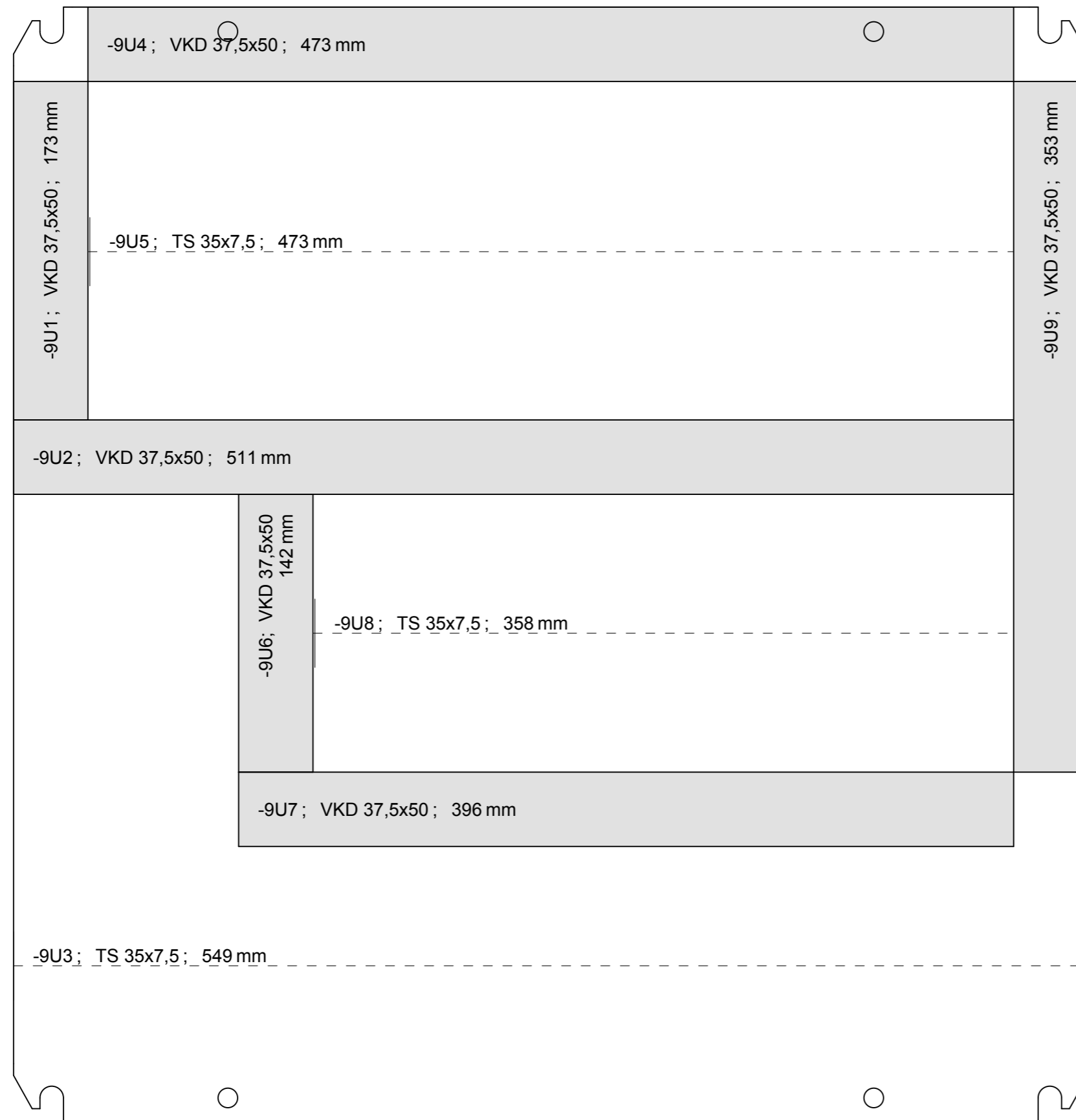


05.a

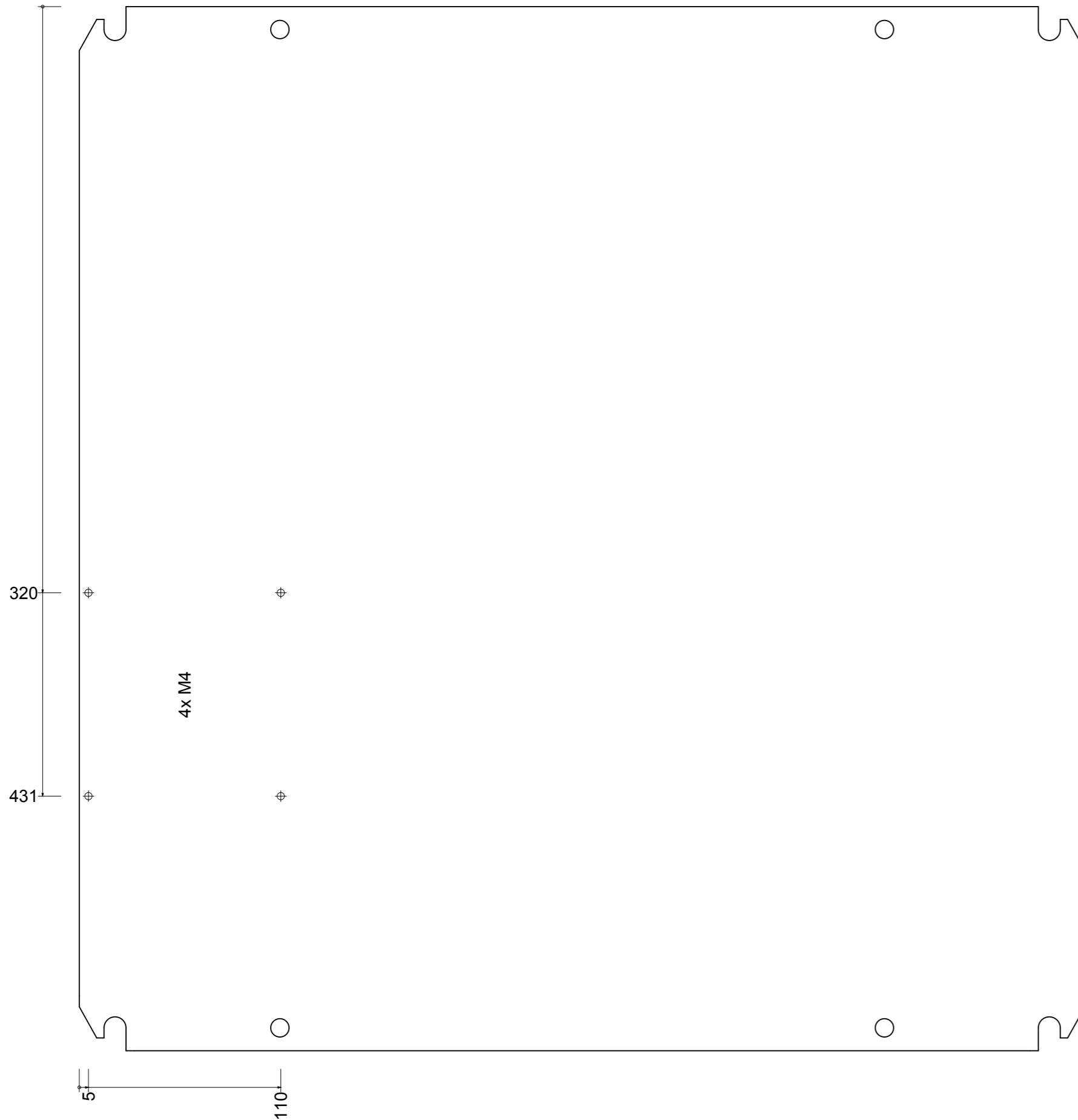
04.b

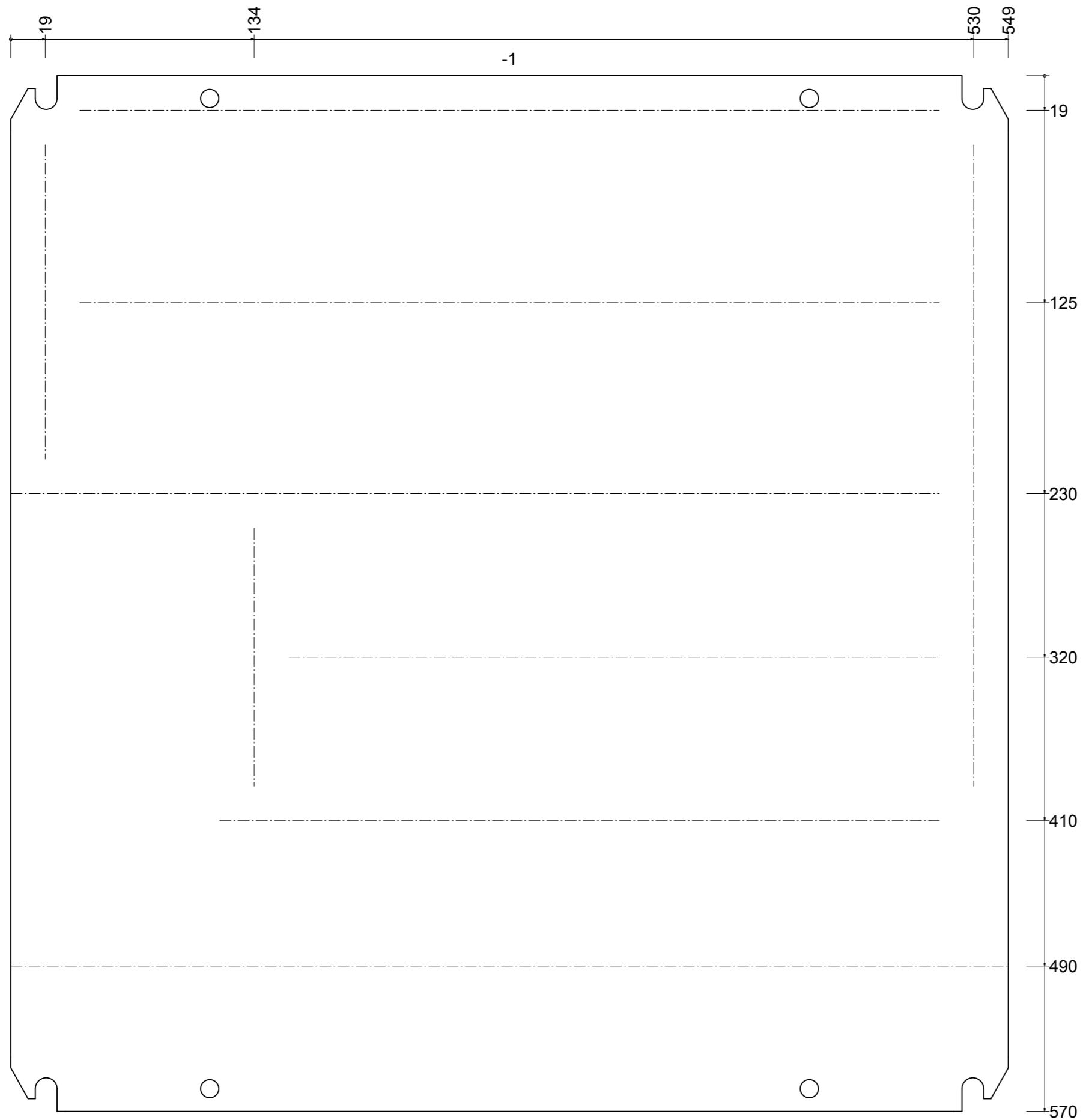


-1

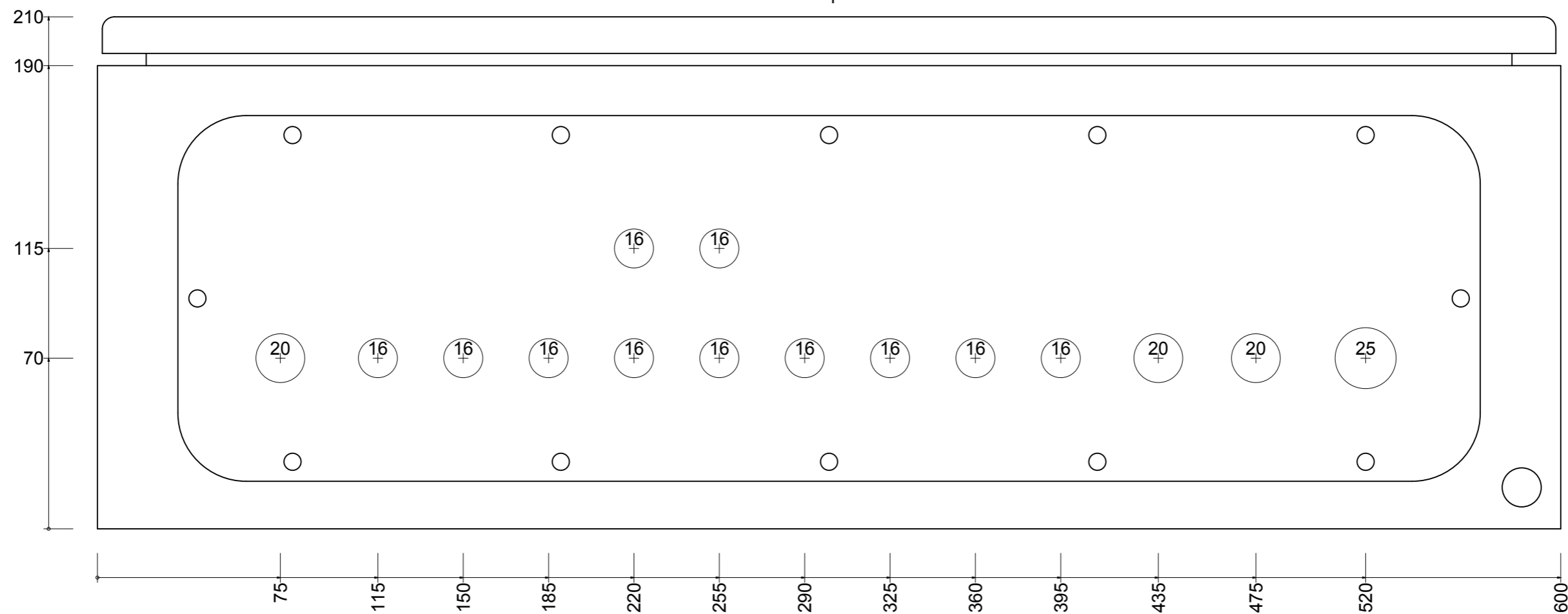


-1

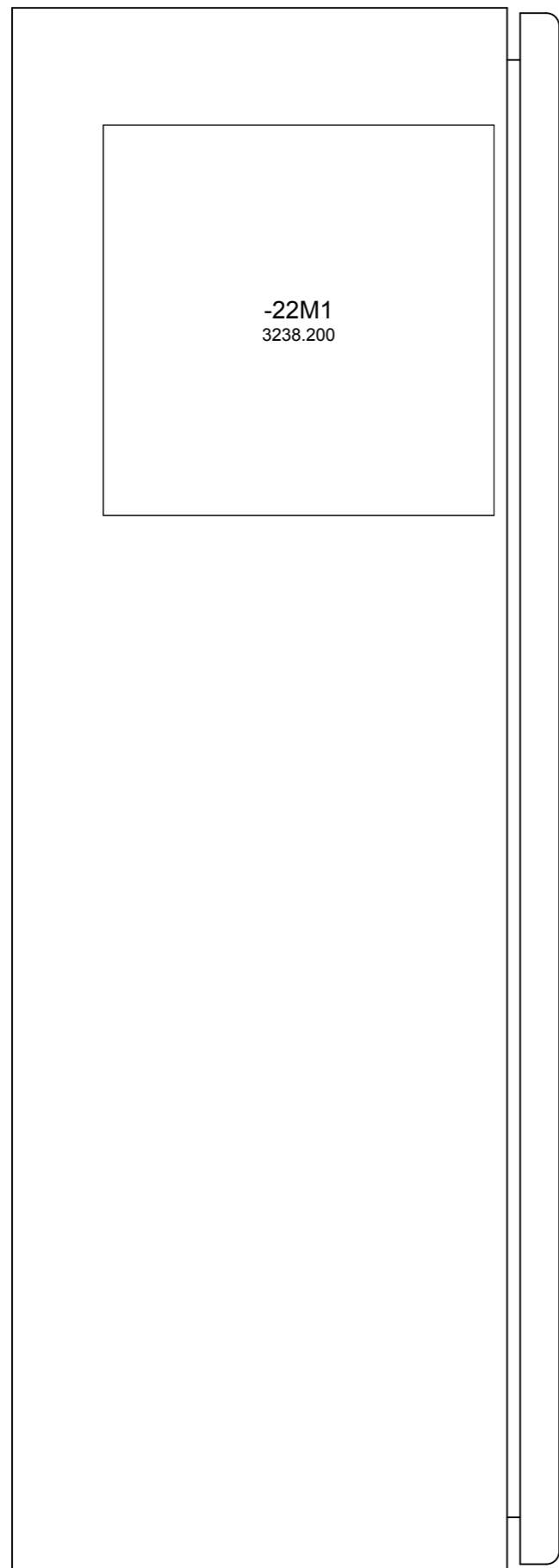




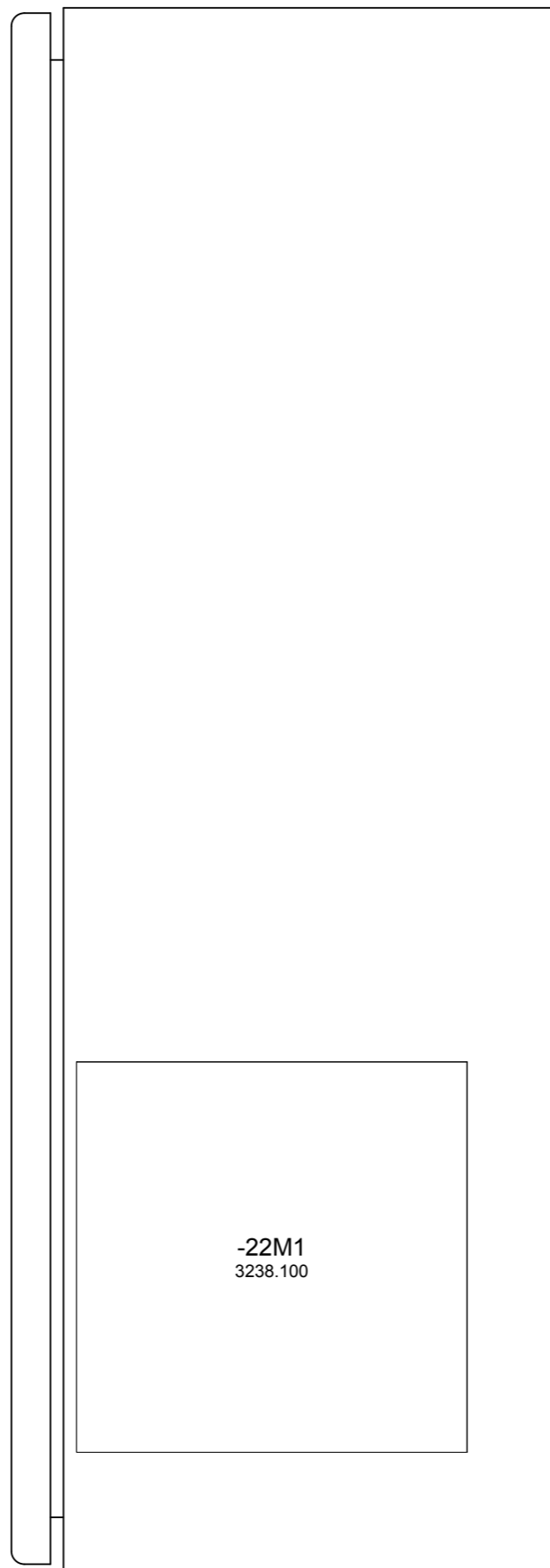
-1

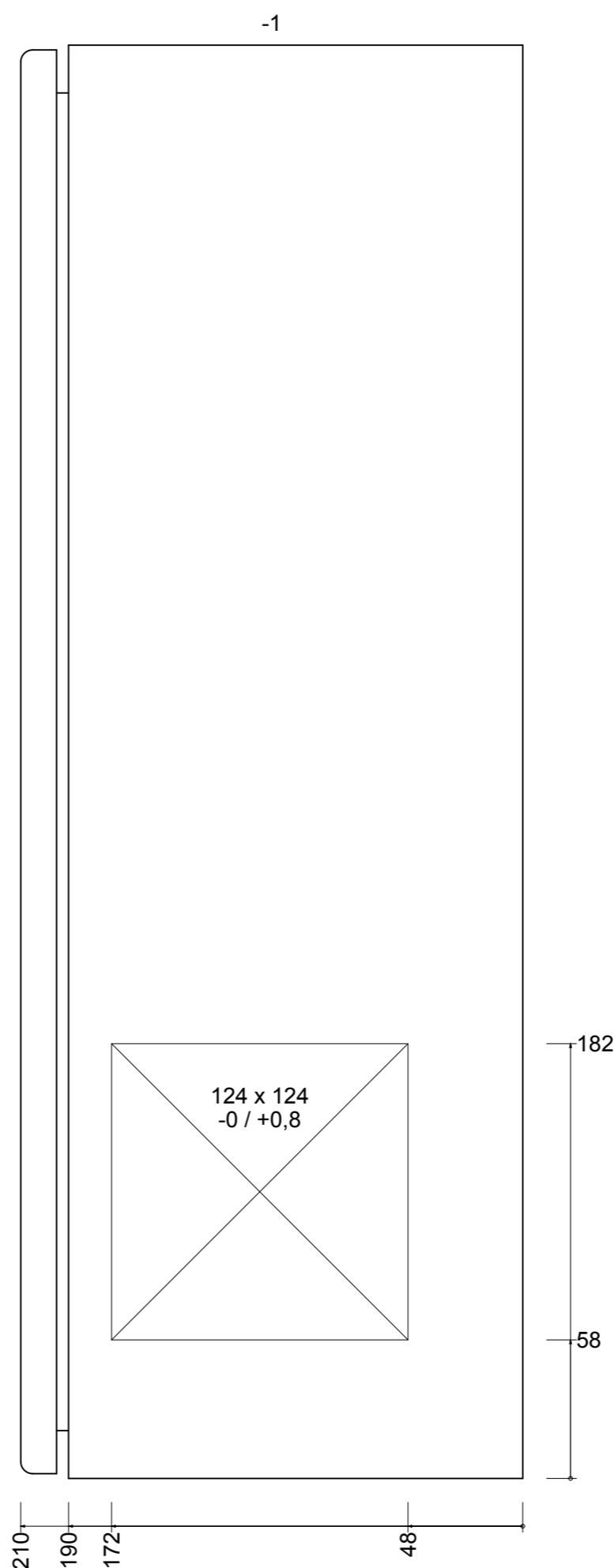
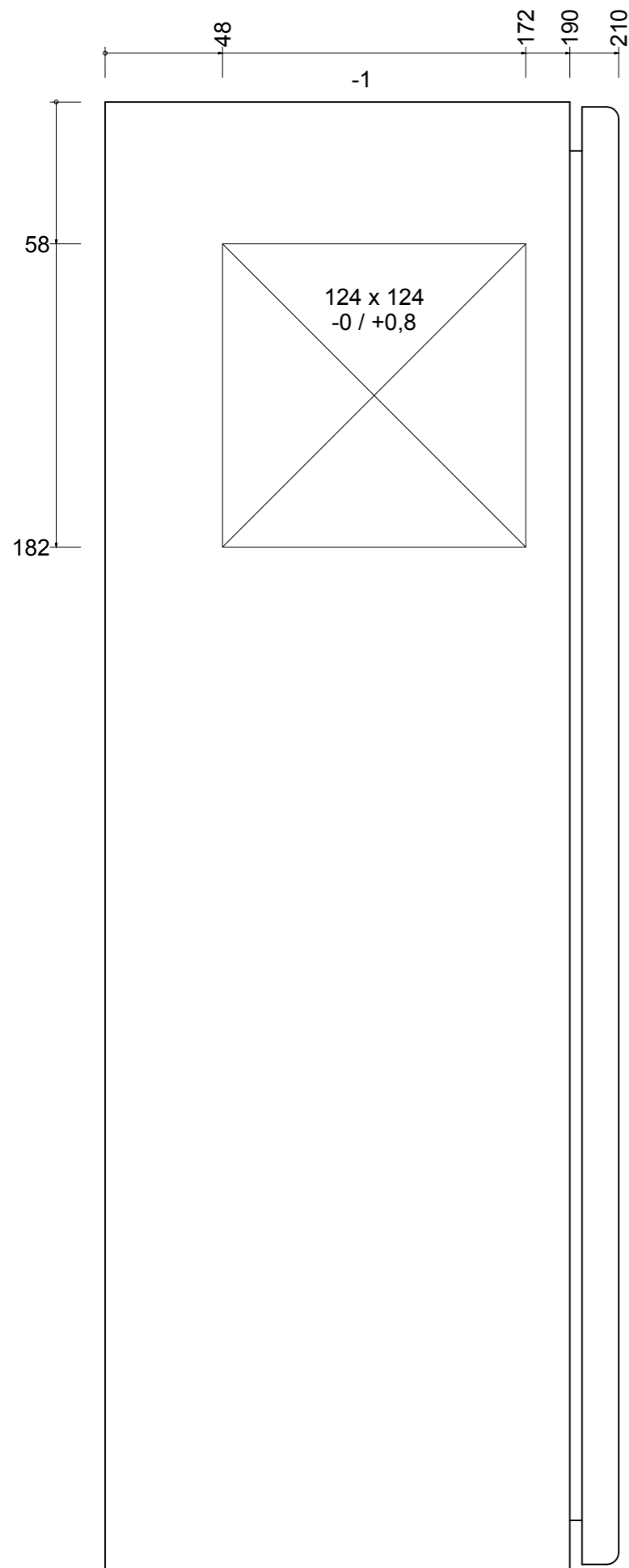


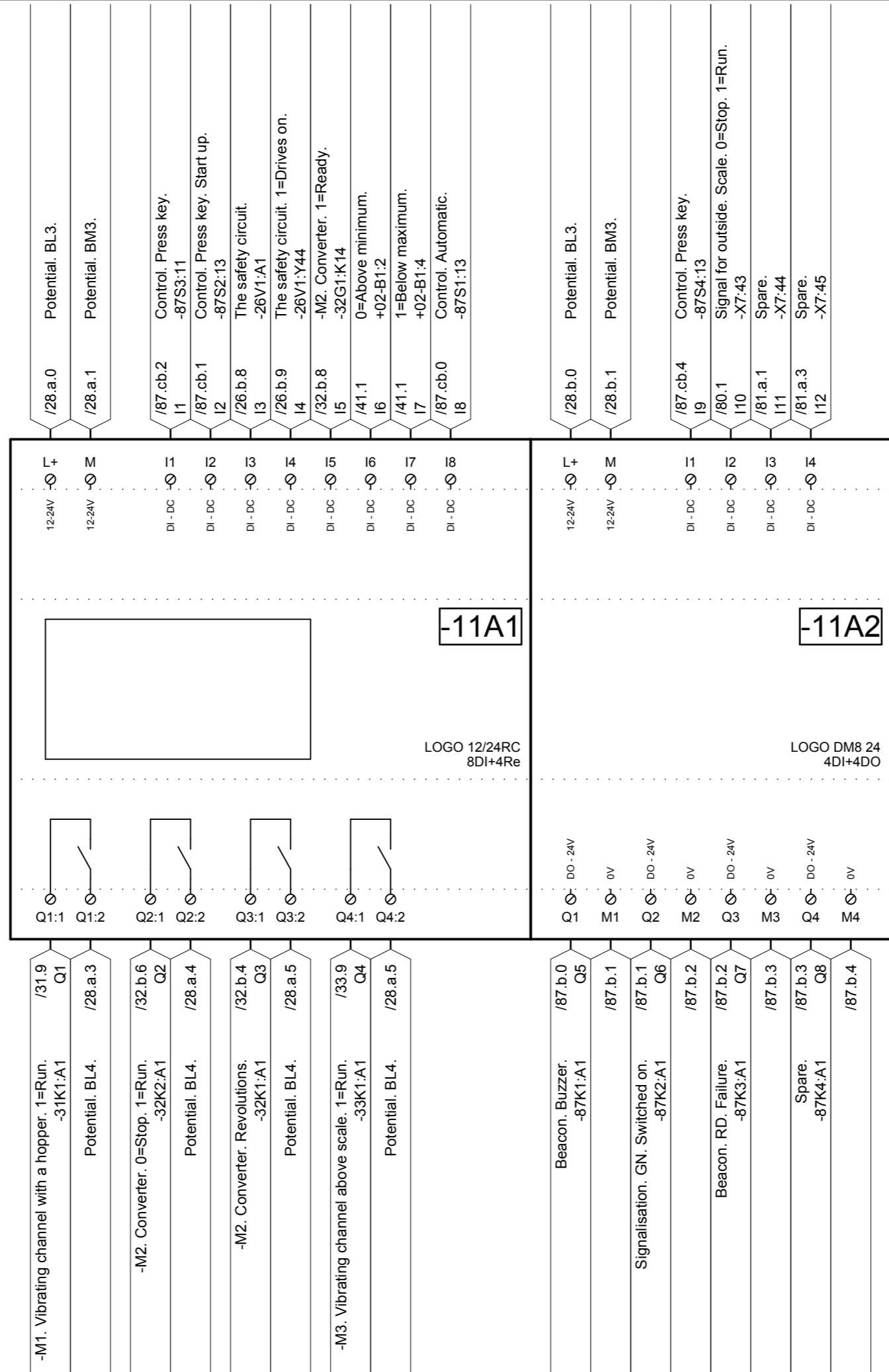
-1

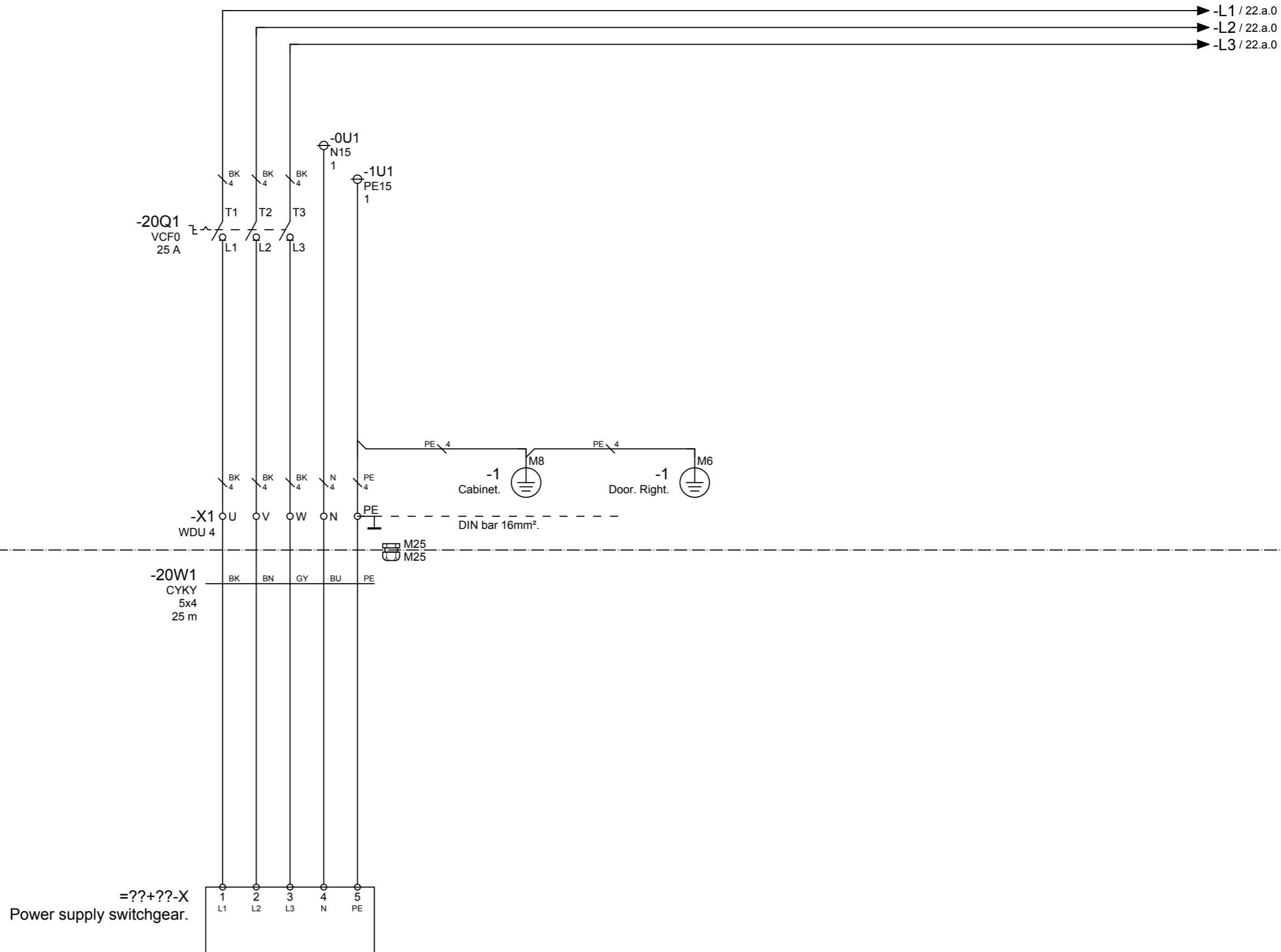


-1







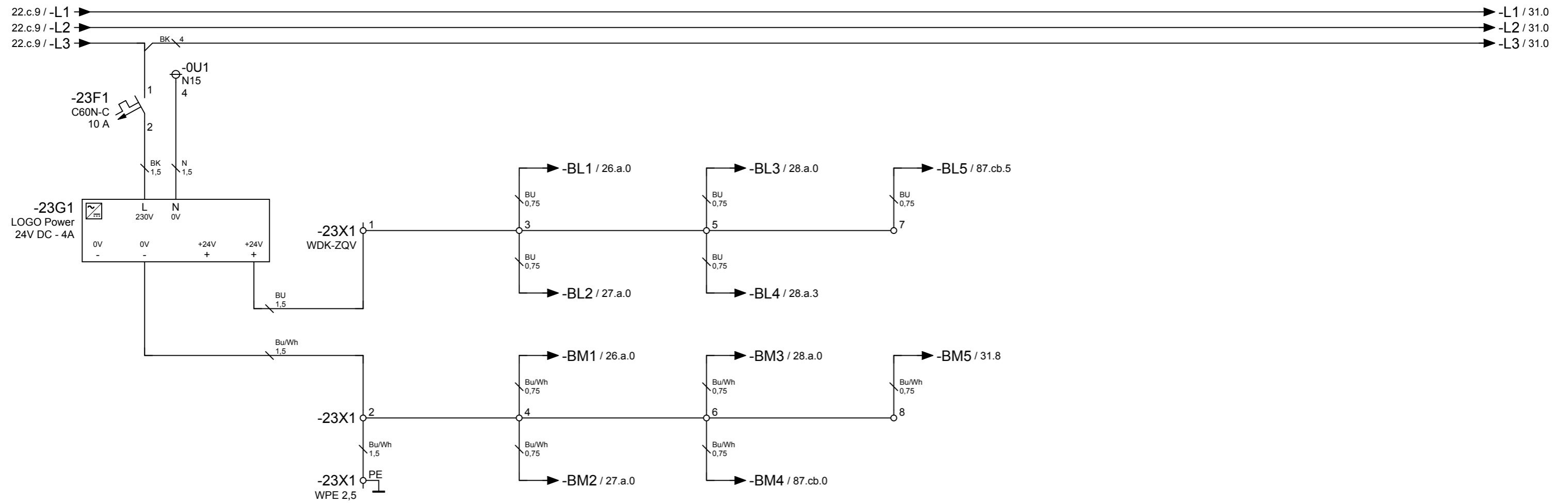




Protection
against overvoltage.

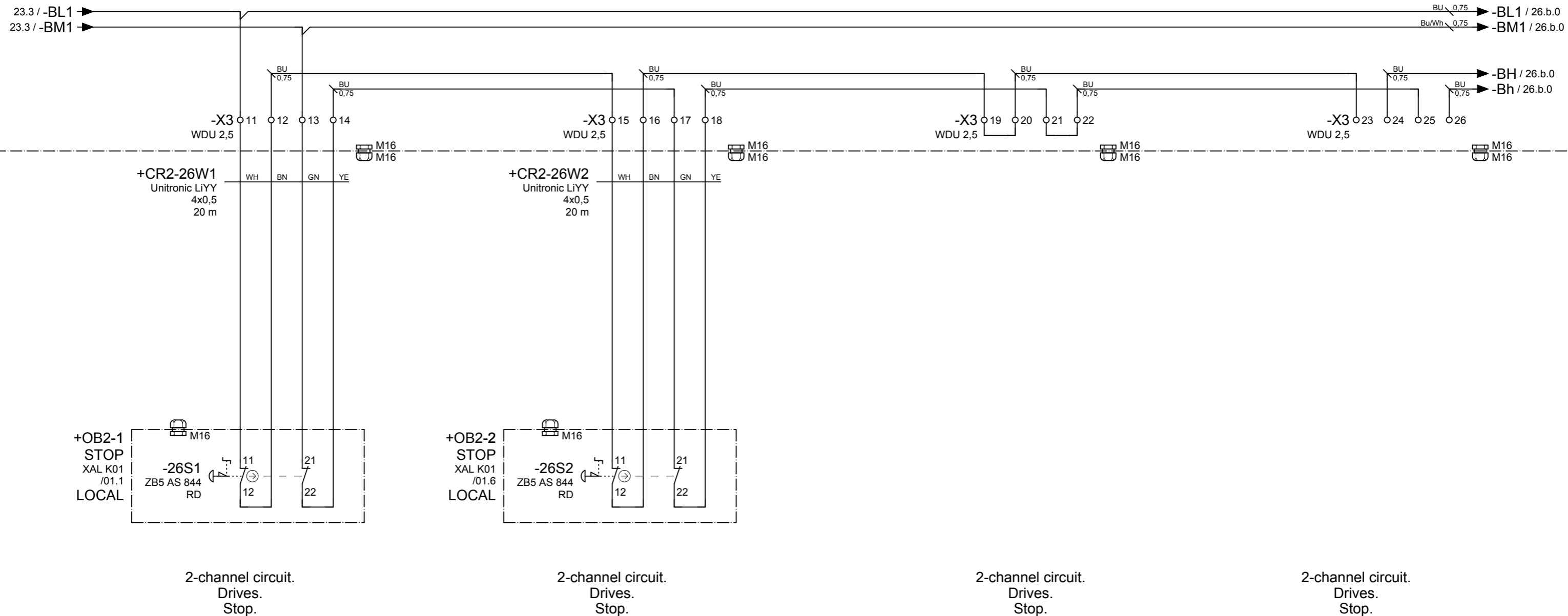


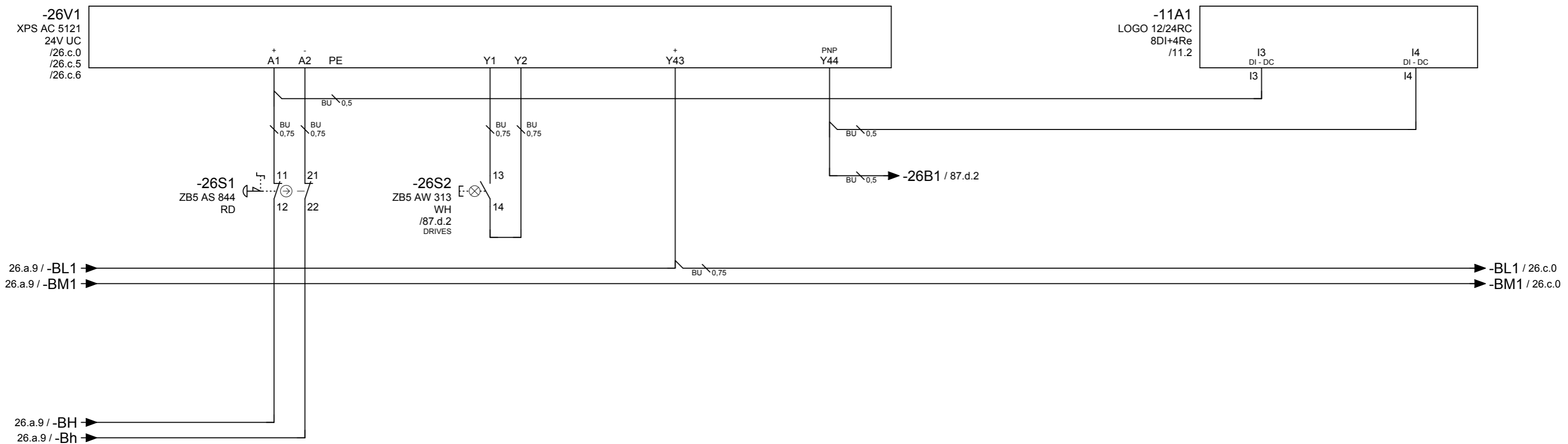
Cooling of switchgear.
Ventilator.



Source.
24V DC.

Jumper.
SELV / PELV.





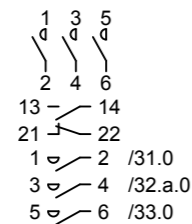
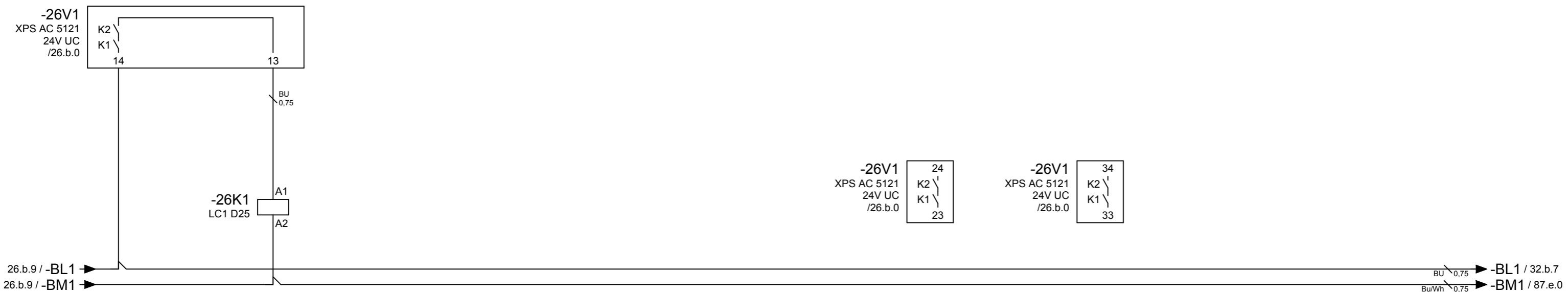
2-channel circuit.
Drives.
Stop.

Button.
Drives. Start.

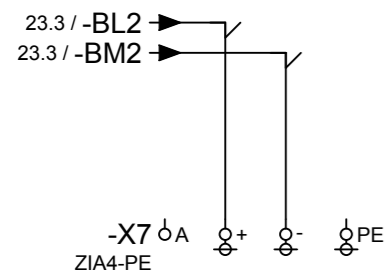
Signalisation.
Drives.
Switched on.

The safety circuit.

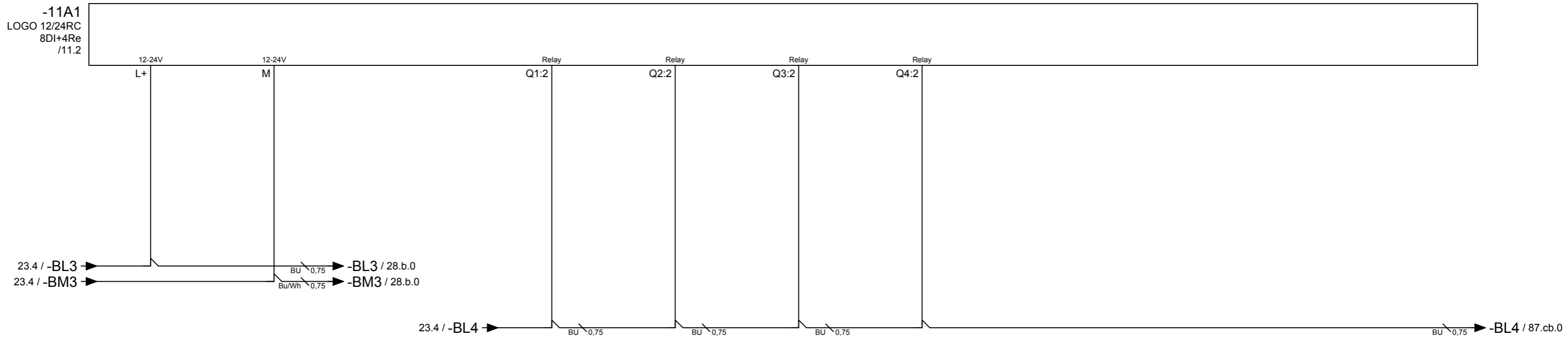
The safety circuit.
1=Drives on.




Contactor.
Drives.

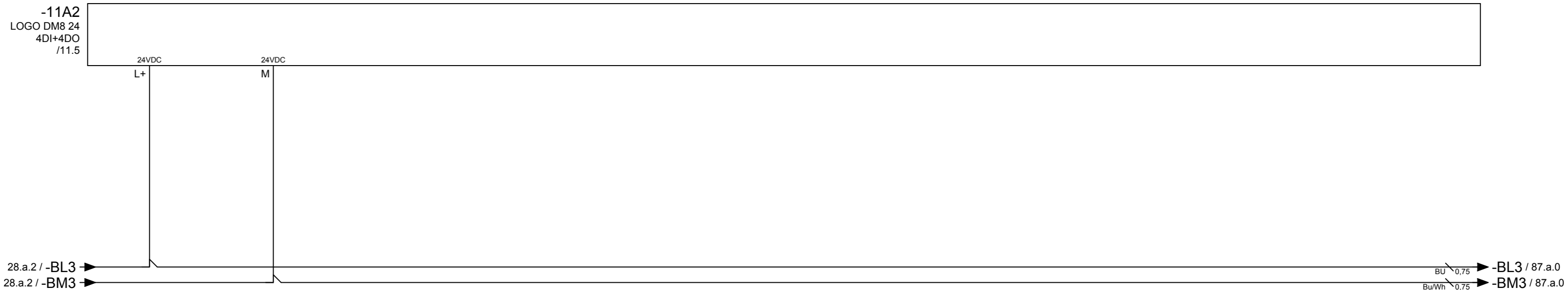


Power supply.
X7.



Potential. BL3. Potential. BM3. Potential. BL4. Potential. BL4. Potential. BL4. Potential. BL4.

| | | | | | | |
|--|--|--|---|-----------------------|----------------------|--------------------|
|  <p>TISKO elektrotechnická konštruktívna kancelária SLOVAKIA (SK) - BA www.tisko.sk</p> | <p>Packaging line. End User Client</p> | <p>Power supply. 11A1. Line 2.</p> | Creator V00 01.04.2014 Ing. Tisovčík Ivan | | <p>= 9425</p> | |
| | | | Last revision of project | | | |
| | | | Last revision of page | | | |
| | | | M = 1 : 1 Schéma vícepólového zapojení | 11.04.2015 WUP0U34409 | <p>+ EB2</p> | <p>28.a</p> |



Potential.
BL3.

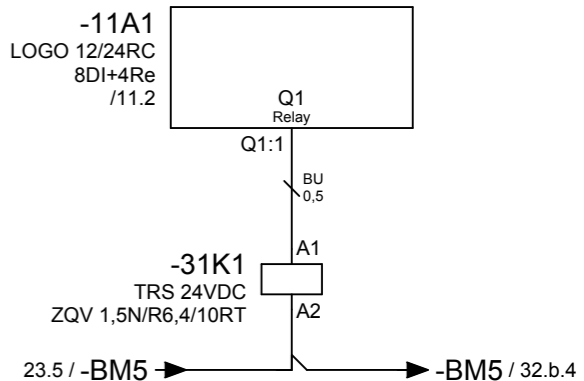
Potential.
BM3.

23.9 / -L1 →
 23.9 / -L2 →
 23.9 / -L3 →

-OU1
 N15
 11

-31F1
 C60N-C
 6 A

-26K1
 LC1 D25
 /26.c.1



14
 12 11 /31.5

-31K1
 /31.9

-X3
 WDU 2,5

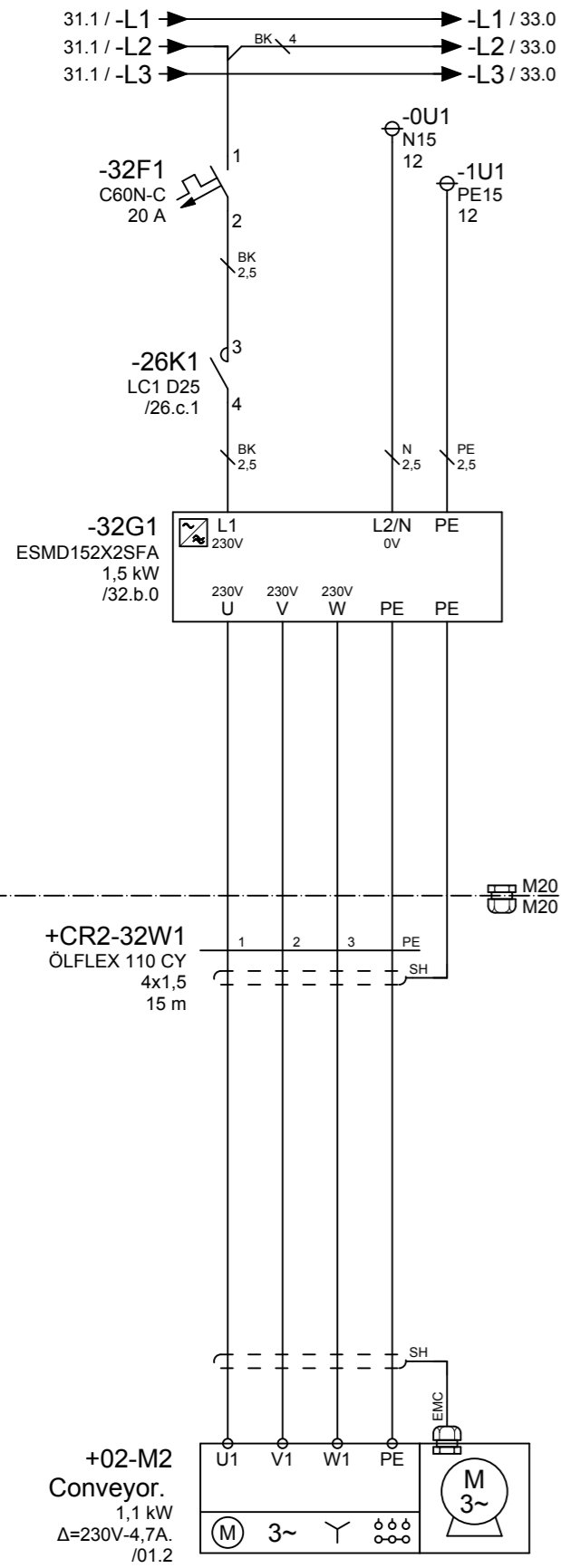
+CR2-31W2
 Unitronic LiYY
 4x0,5
 20 m

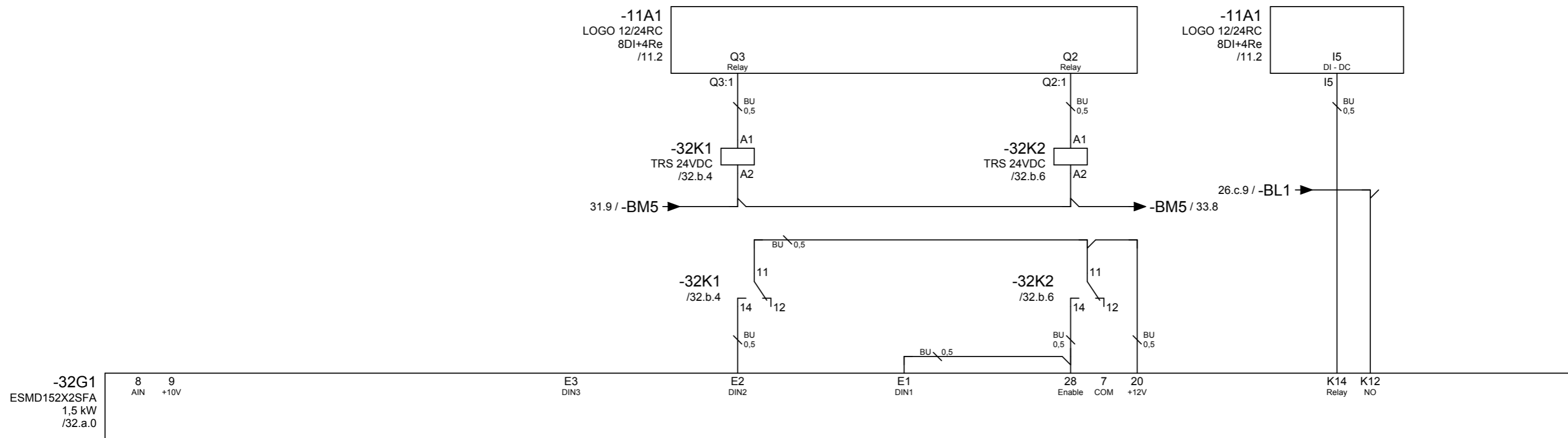
+CR2-31W1
 ÖLFLEX 100 CY
 3x1,5
 20 m

+02-G1
 PV R5FCX Z2 STM
 230V - 6A
 /01.1

+02-M1
 Vibrating channel
 with a hopper.
 230V. 1,9A.
 /01.2

-M1.
 Vibrating channel with a
 hopper. 1=Run.





| Parameter. | Name. | Value. |
|------------|----------------------------------|-------------|
| C00 | Password entry | 0 |
| C01 | Setpoint source: Analog input | 0 |
| C02 | Load Lenze factory setting | !!! 1-0 !!! |
| CE1 | Fixed setpoint 1 (JOG1) | 1 |
| ** CE2 | Fixed setpoint 2 (JOG2) | 2 |
| CE3 | DC braking (DCB) | 3 |
| ** C08 | Relay is energized if "Ready" | 0 |
| * C10 | Minimum output frequency | 0,0 Hz |
| * C11 | Maximum output frequency | 50,0 Hz |
| * C12 | Acceleration time | 1,0 s |
| * C13 | Deceleration time | 1,0 s |
| C14 | Linear characteristic with boost | 2 |
| C15 | V/f reference point | 50,0 Hz |
| C16 | Vmin boost | 6 % |
| C17 | Frequency threshold | 0,0 Hz |
| C18 | Chopper frequency | 8 kHz |

| Parameter. | Name. | Value. |
|------------|------------------------------------|---------|
| C21 | Slip compensation | 0 % |
| C22 | Current limit (from SMD rate) | 150 % |
| C24 | Accel boost | 0 % |
| ** C34 | AI range = 0-20 mA | 2 |
| C36 | (DCB) Voltage - DC injection brake | 4 % |
| * C37 | Fixed setpoint 1 (JOG 1) | 50,0 Hz |
| C38 | Fixed setpoint 2 (JOG 2) | 12,0 Hz |
| * C39 | Fixed setpoint 3 (JOG 3) | 12,0 Hz |
| C46 | Frequency setpoint | ... |
| C50 | Output frequency | ... |
| C53 | DC bus voltage | ... |
| C54 | Motor current | ... |
| C94 | User password | 0 |
| C99 | Software version | ... |
| ... | ... | ... |
| ... | ... | ... |

| Parameter. | Name. | Value. |
|------------|--|--------|
| c06 | Holding time (Auto-DCB) | 0,0 s |
| ** c20 | I ² t switch-off time (from SMD rate) | 67 % |
| c40 | Frequency setpoint via keys | 0,0 Hz |
| ** c42 | Start after 0-1 change at terminal 28 | 0 |
| c61 | Present status/error message | ... |
| c62 | Last error message | ... |
| c63 | Last but one error message | ... |
| c70 | TRIP reset (manual on 28 or DI) | 0 |
| c71 | Auto TRIP reset delay | 0,0 s |
| c78 | Operating time counter | ... |
| c79 | Mains connection time counter | ... |
| ... | ... | ... |
| ... | ... | ... |
| * | Set during activation. | ... |
| ** | Necessary project settings. | ... |
| ... | Unchanged. | ... |

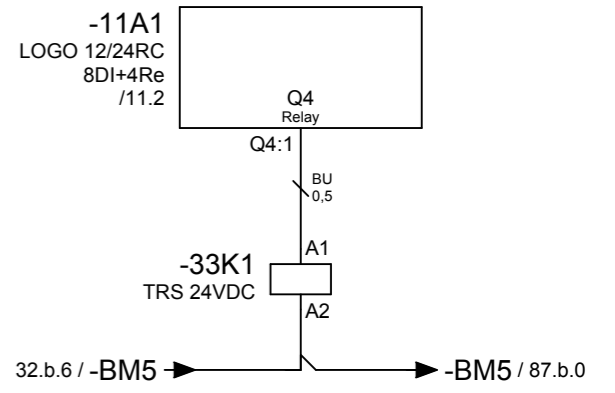
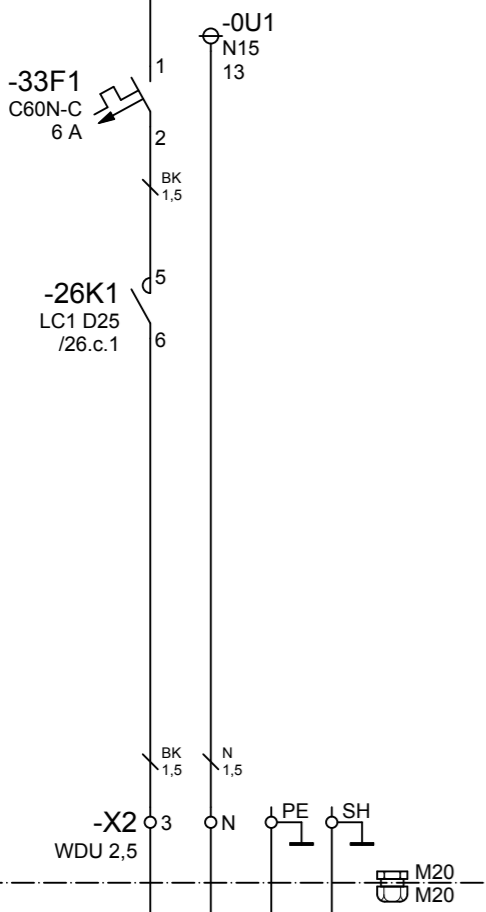
-M2.
Converter.
Revolutions.

-M2.
Converter.

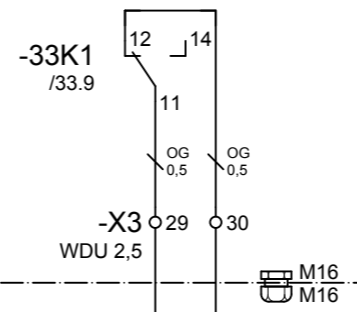
-M2.
Converter.
0=Stop.
1=Run.

-M2.
Converter.
1=Ready.

32.a.1 / -L1 → -L1 /
 32.a.1 / -L2 → -L2 /
 32.a.1 / -L3 → -L3 /



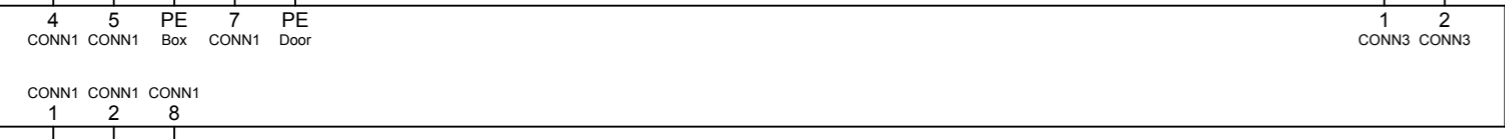
14 ↗
 12 ↘ 11 /33.5



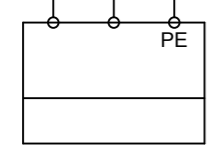
+CR2-33W1
 ÖLFLEX 100 CY
 3x1,5
 15 m

+CR2-33W2
 Unitronic LiYY
 4x0,5
 15 m

Modul of vibratory drive.
 +02-G3
 PV R5FCX Z2 STM
 230V - 6A
 /01.4

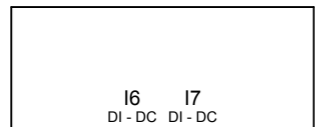


+02-M3
 Vibrating channel
 above scale.
 230V. 1,9A.
 /01.4



-M3.
 Vibrating channel above
 scale. 1=Run.

-11A1
LOGO 12/24RC
8DI+4Re
/11.2



16 17
DI-DC DI-DC
BU 0,5 BU 0,5

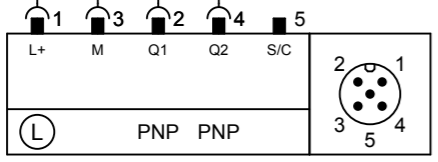
-X7 PE +
ZIA4



+CR2-41W1
Unitronic LiYY
4x0,5
15 m

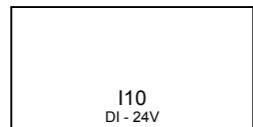
WH GN BN YE

90°M12
E11252
+CR2-41X1
+02-B1
LS-L-H
UP56-211112
30...250 mm
/01.5



0=Above minimum.
1=Below maximum.

-11A2
LOGO DM8 24
4DI+4DO
/11.5



I10
DI - 24V

I2

BU
0,5



-X7 ♂+ ♂- ♂43 ♂PE

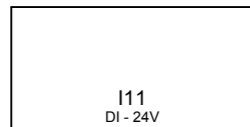
ZIA4



+CR2-80W1
Unitronic LiYY
4x0,5
15 m

Signal for outside.
Scale.
0=Stop.
1=Run.

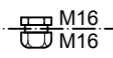
-11A2
LOGO DM8 24
4DI+4DO
/11.5



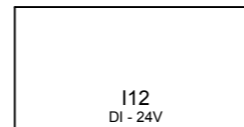
I3
BU
0.5

-X7 ♂+ ♂-
ZIA4

Spare.



-11A2
LOGO DM8 24
4DI+4DO
/11.5

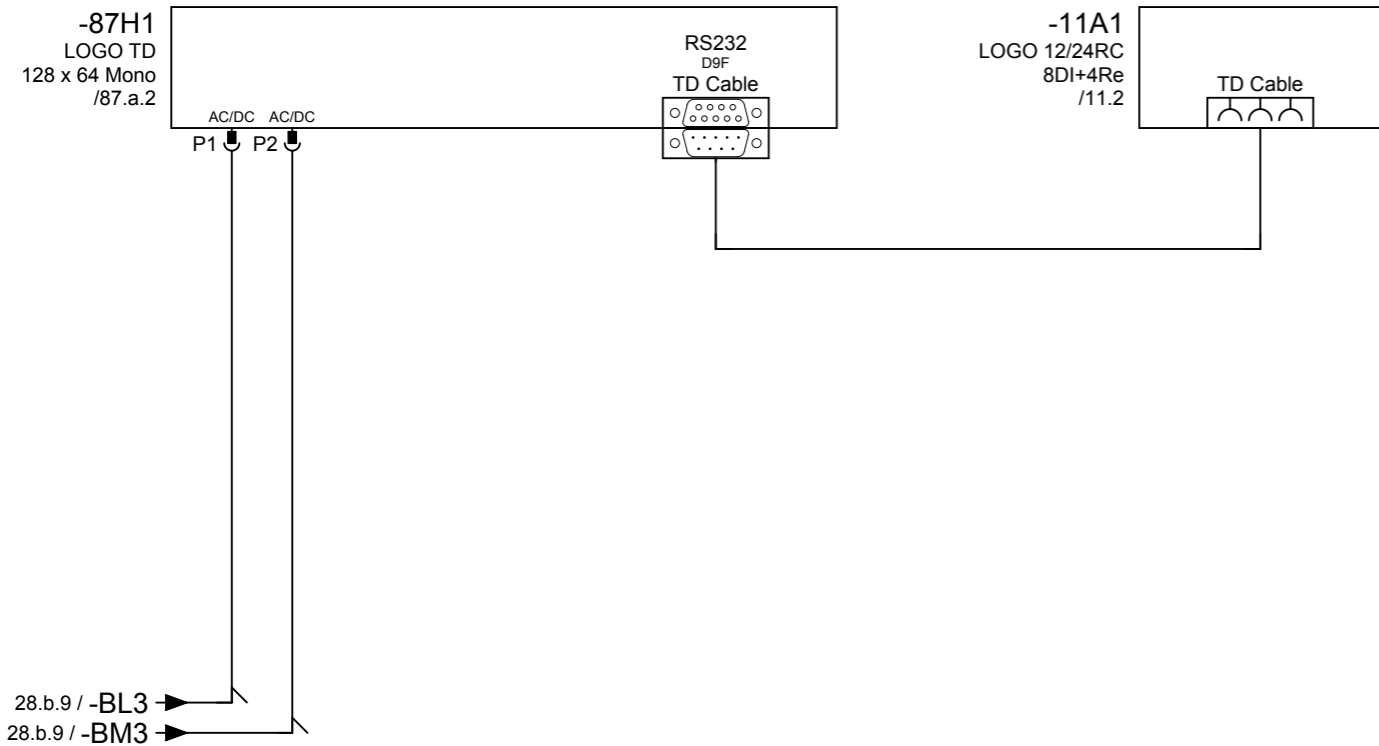


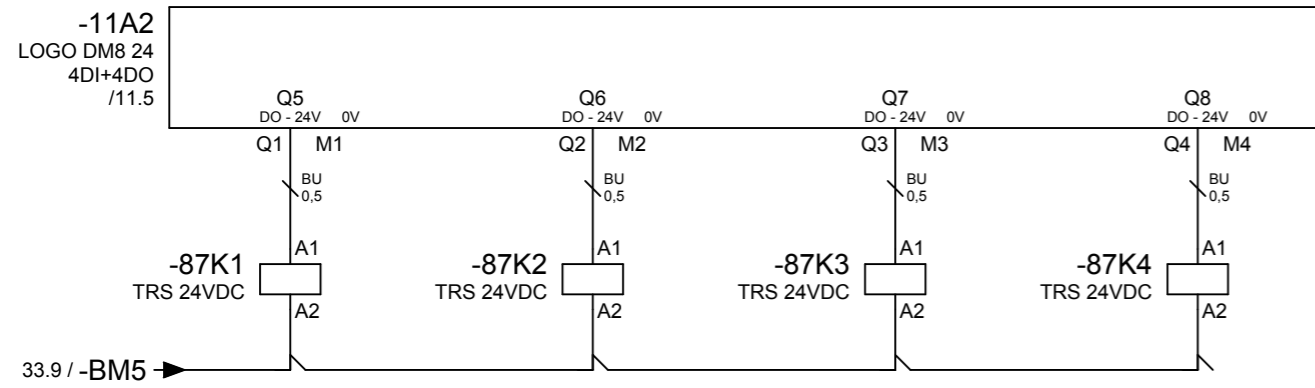
I4
BU
0.5

-X7 ♂+ ♂-
ZIA4

Spare.



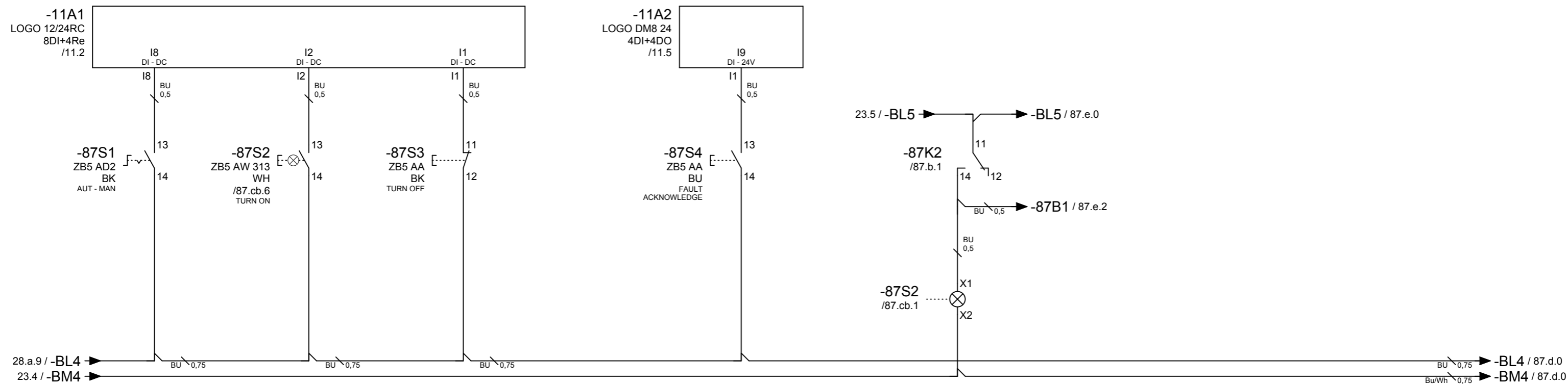




Beacon. Buzzer. Signalisation. GN. Switched on. Beacon. RD. Failure. Spare.

87.a

87.cb



Control.
Automatic.

Control. Press
key. Start
up.

Control. Press
key.

Control. Press
key.

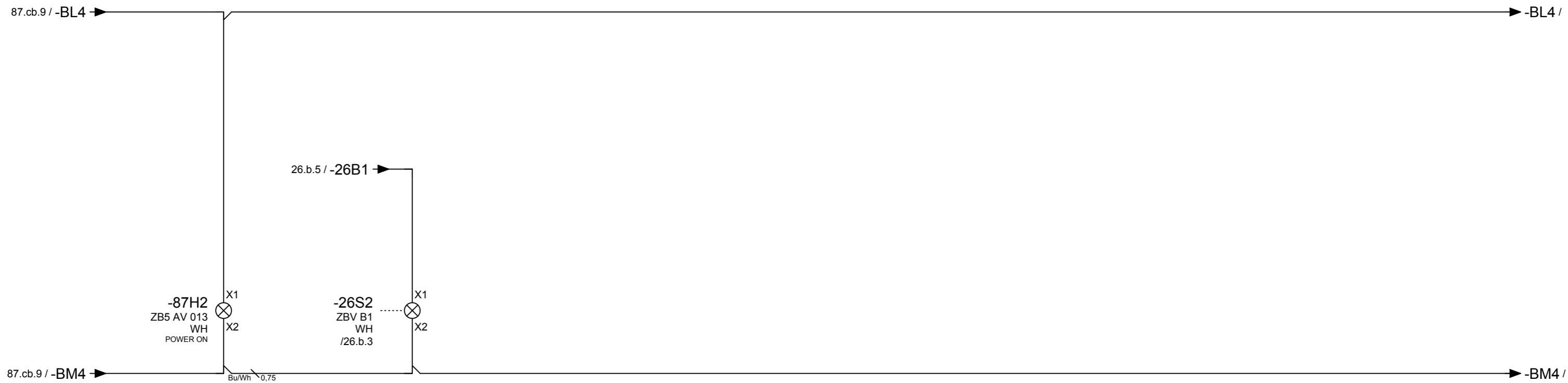
Control.
Line 2.

| | | | |
|--------------------------|------------------------------|------------|--------------------|
| Creator | V00 | 01.04.2014 | Ing. Tisovčík Ivan |
| Last revision of project | | | |
| Last revision of page | | | |
| M = 1 : 1 | Schéma vícepólového zapojení | 09.05.2015 | WUP0U34409 |

= 9425

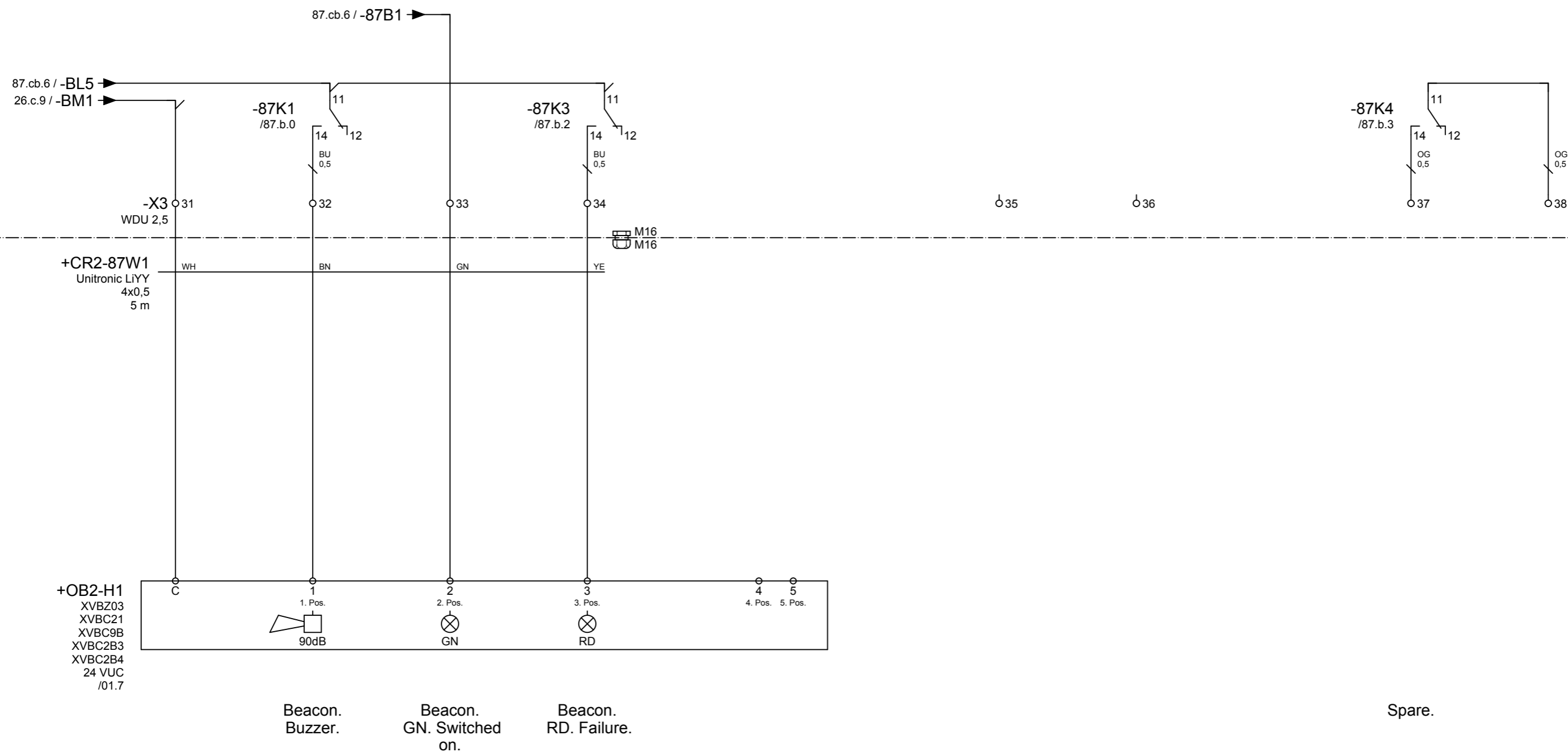
+ EB2

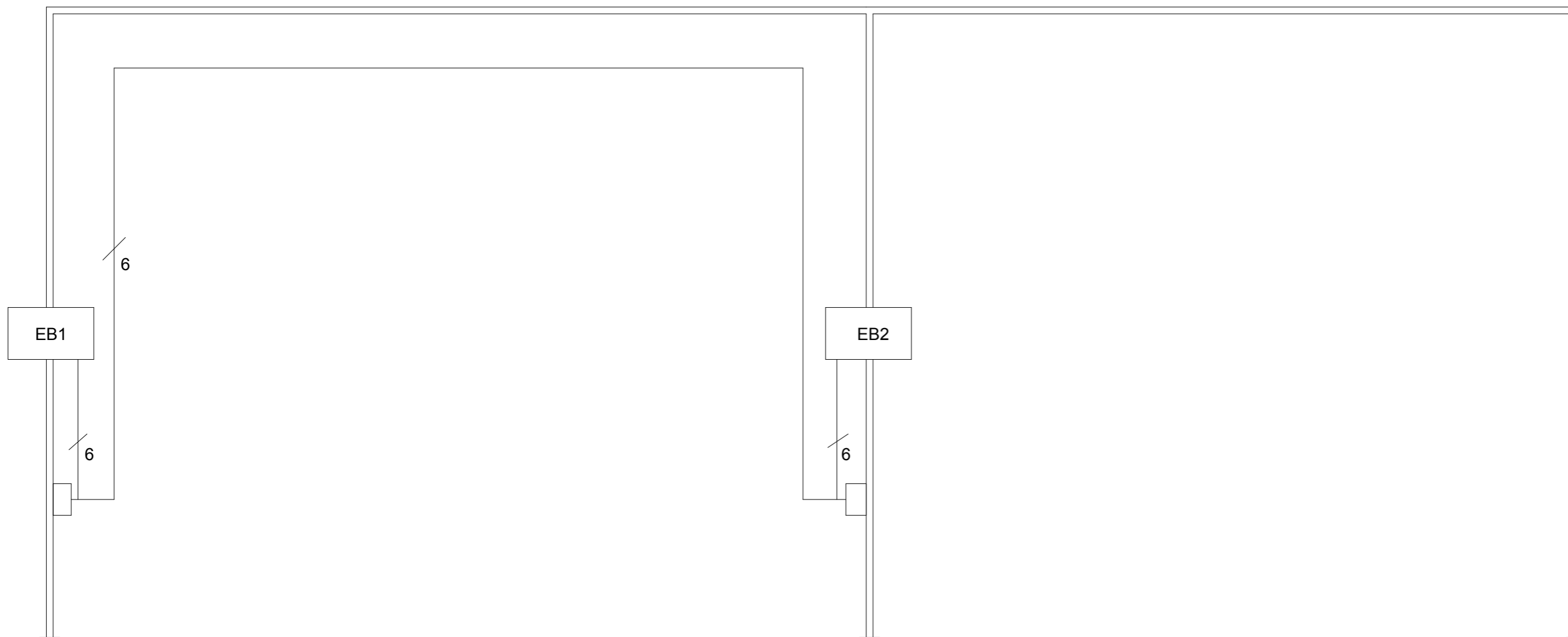
87.cb

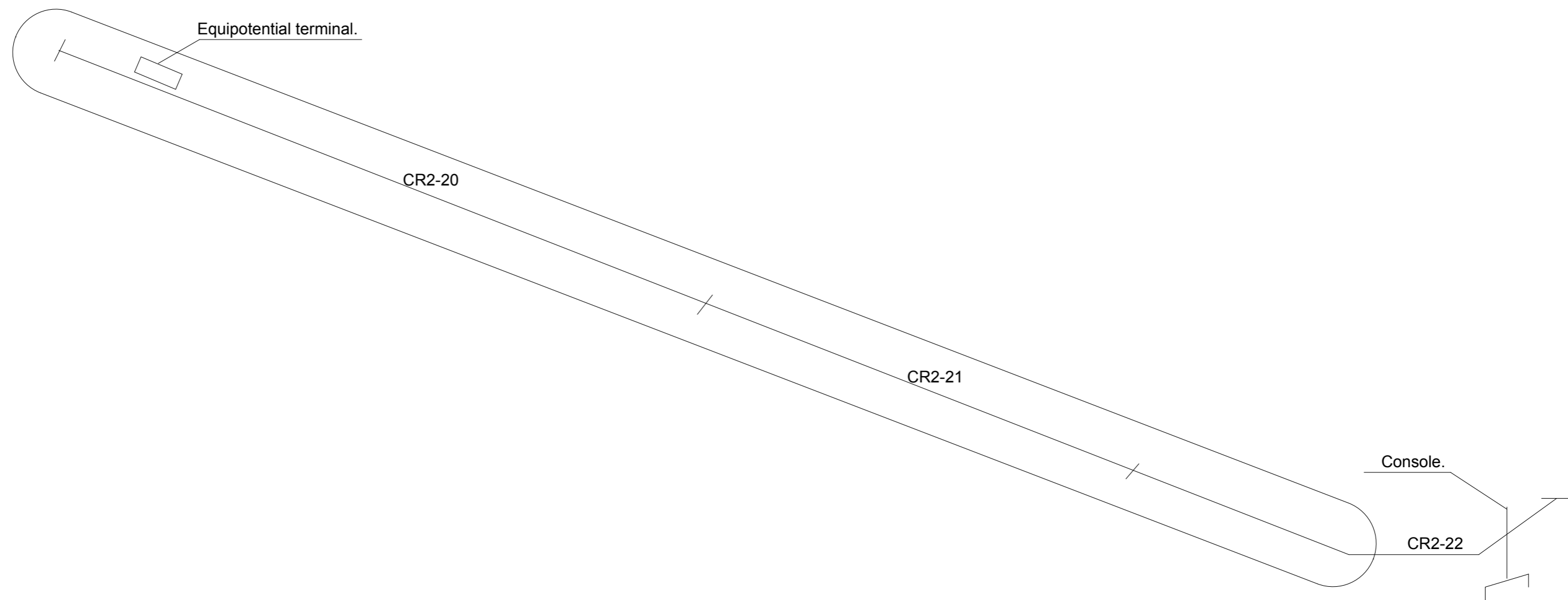


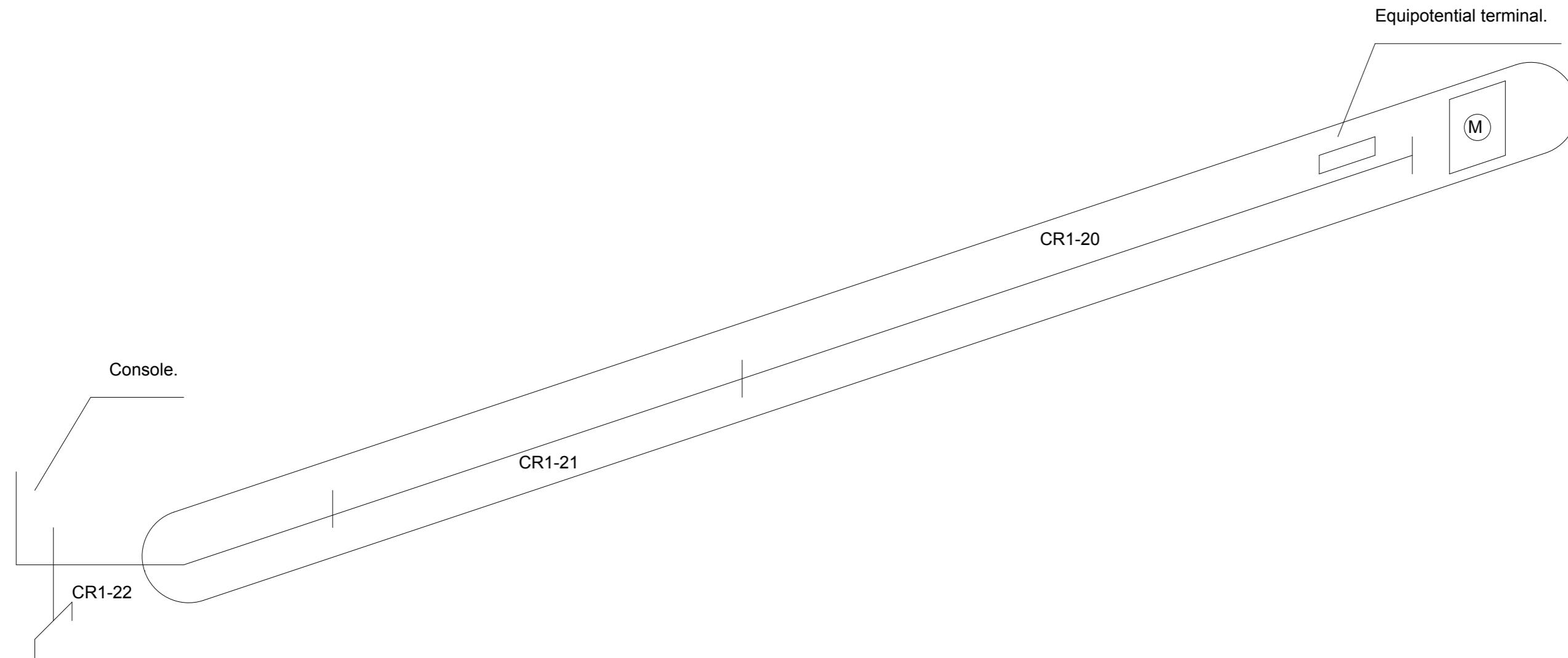
Indicator.
POWER ON

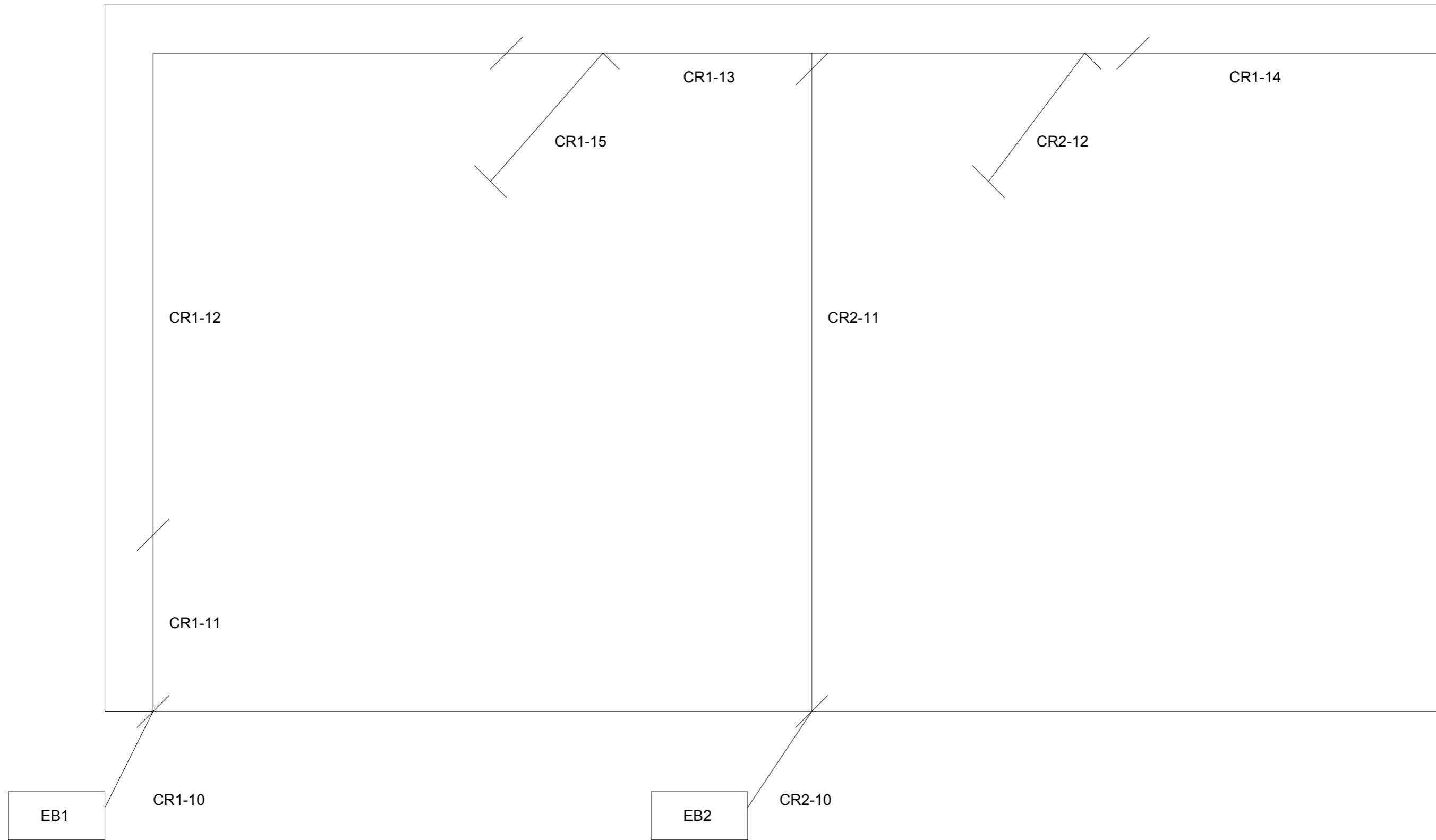
Signalisation.
Drives.
Switched on.











Piece list of the group of components. Devices.

TIE_F01_Vyr_Prs_ALL_V01

| Full designation. | Name. | Type number. | Quantity. | Order number. | Supplier. |
|-------------------|-----------------------|--------------------|-----------|---------------------------------|------------|
| +EB1-1 | Distribution cabinet. | AE 1060 | 1 | AE1060.500 | Rittal |
| +EB1-11A1 | Programmable module. | LOGO 12/24RC | 1 | 6ED1052-1MD00-0BA6 | Siemens |
| +EB1-11A2 | Module. 4xDI. 4xDO. | LOGO DM8 24 | 1 | 6ED1055-1CB00-0BA0 | Siemens |
| +EB1-22A1 | Thermostat. | SK 3110 | 1 | SK3110.000 | Rittal |
| +EB1-22F1 | Circuit breaker. | C60N-B | 1 | 24092. C60N 3P 25A "B". | Schneider |
| +EB1-22F2 | Circuit breaker. | C60N-C | 1 | 24396. C60N 1P 2A "C". | Schneider |
| +EB1-23F1 | Circuit breaker. | C60N-C | 1 | 24401. C60N 1P 10A "C". | Schneider |
| +EB1-31F1 | Circuit breaker. | C60N-C | 1 | 24399. C60N 1P 6A "C". | Schneider |
| +EB1-32F1 | Circuit breaker. | C60N-C | 1 | 24404. C60N 1P 20A "C". | Schneider |
| +EB1-33F1 | Circuit breaker. | C60N-C | 1 | 24399. C60N 1P 6A "C". | Schneider |
| +EB1-23G1 | Source. 24VDC. | LOGO Power | 1 | 6EP1332-1SH52 | Siemens |
| +EB1-32G1 | Converter. 1x230V. | ESMD152X2SFA | 1 | ESMD152X2SFA. 1x230V. 1,50kW | Lenze |
| +EB1-87H1 | Control panel. | LOGO TD | 1 | 6ED1055-4MH00-0BA0 | Siemens |
| +EB1-87H2 | Indicator. WH. LED. | ZB5 AV 013 | 1 | ZB5 AV 013 | Schneider |
| +EB1-87H2 | label 18x27 | ZBZ 33 | 1 | ZBZ 33 | Schneider |
| +EB1-87H2 | Connector. | ZB5 AZ009 | 1 | ZB5 AZ009 | Schneider |
| +EB1-87H2 | LED. 24V. WH. | ZBV B1 | 1 | ZBV B1 | Schneider |
| +EB1-26K1 | Contacto. | LC1 D25 | 1 | LC1 D25 BD | Schneider |
| +EB1-31K1 | Relay. 1P. | TRS 24VDC | 1 | 1122770000. TRS 24VDC 1CO | Weidmüller |
| +EB1-31K1 | Jumper. | ZQV 1,5N/R6,4/10RT | 1 | 1391640000. ZQV 1,5N/R6,4/10RT. | Weidmüller |
| +EB1-31K1 | Jumper. | ZQV 1,5N/R6,4/10BL | 1 | 1390350000. ZQV 1,5N/R6,4/10BL. | Weidmüller |
| +EB1-32K1 | Relay. 1P. | TRS 24VDC | 1 | 1122770000. TRS 24VDC 1CO | Weidmüller |
| +EB1-32K2 | Relay. 1P. | TRS 24VDC | 1 | 1122770000. TRS 24VDC 1CO | Weidmüller |
| +EB1-33K1 | Relay. 1P. | TRS 24VDC | 1 | 1122770000. TRS 24VDC 1CO | Weidmüller |
| +EB1-87K1 | Relay. 1P. | TRS 24VDC | 1 | 1122770000. TRS 24VDC 1CO | Weidmüller |
| +EB1-87K2 | Relay. 1P. | TRS 24VDC | 1 | 1122770000. TRS 24VDC 1CO | Weidmüller |
| +EB1-87K3 | Relay. 1P. | TRS 24VDC | 1 | 1122770000. TRS 24VDC 1CO | Weidmüller |
| +EB1-87K4 | Relay. 1P. | TRS 24VDC | 1 | 1122770000. TRS 24VDC 1CO | Weidmüller |
| +EB1-22M1 | Ventilator. 230V. | 3238.100 | 1 | SK 3238.100 | Rittal |
| +EB1-22M1 | The output filter. | 3238.200 | 1 | SK 3238.200 | Rittal |

+EB2/99.d

30.2



Packaging line.
End User Client

Piece list of the group of components.

| | | | |
|--------------------------|------------------|------------|--------------------|
| Creator | V00 | 01.04.2014 | Ing. Tisovčík Ivan |
| Last revision of project | | | |
| Last revision of page | | | |
| M = 1 : 1 | Kusovník artiklů | 11.05.2015 | WUP0U34409 |

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30.1

Piece list of the group of components. Devices.

TIE_F01_Vyr_Prs_ALL_V01

| Full designation. | Name. | Type number. | Quantity. | Order number. | Supplier. |
|-------------------|---|--------------|-----------|---------------|-----------|
| +EB1-20Q1 | Power disconnecter. | VCF0 | 1 | VARIO. VCF0. | Schneider |
| +EB1-26S1 | Control head. Mushroom Push Button. RD. | ZB5 AS 844 | 1 | ZB5 AS 844 | Schneider |
| +EB1-26S1 | label EMERGENCY STOP | ZBY 9330 | 1 | ZBY 9330 | Schneider |
| +EB1-26S1 | Connector. | ZB5 AZ009 | 1 | ZB5 AZ009 | Schneider |
| +EB1-26S1 | Switching unit. NC. | ZBE 102 | 2 | ZBE 102 | Schneider |
| +EB1-26S2 | Backlit press key. WH. LED. | ZB5 AW 313 | 1 | ZB5 AW 313 | Schneider |
| +EB1-26S2 | LED. 24V. WH. | ZBV B1 | 1 | ZBV B1 | Schneider |
| +EB1-26S2 | label 18x27 | ZBZ 33 | 1 | ZBZ 33 | Schneider |
| +EB1-26S2 | Connector. | ZB5 AZ009 | 1 | ZB5 AZ009 | Schneider |
| +EB1-26S2 | Switching unit. NO. | ZBE 101 | 1 | ZBE 101 | Schneider |
| +EB1-87S1 | Rotary switch. BK. | ZB5 AD2 | 1 | ZB5AD2 | Schneider |
| +EB1-87S1 | label 18x27 | ZBZ 33 | 1 | ZBZ 33 | Schneider |
| +EB1-87S1 | Connector. | ZB5 AZ009 | 1 | ZB5 AZ009 | Schneider |
| +EB1-87S1 | Switching unit. NO. | ZBE 101 | 1 | ZBE 101 | Schneider |
| +EB1-87S2 | Backlit press key. WH. LED. | ZB5 AW 313 | 1 | ZB5 AW 313 | Schneider |
| +EB1-87S2 | LED. 24V. WH. | ZBV B1 | 1 | ZBV B1 | Schneider |
| +EB1-87S2 | label 18x27 | ZBZ 33 | 1 | ZBZ 33 | Schneider |
| +EB1-87S2 | Connector. | ZB5 AZ009 | 1 | ZB5 AZ009 | Schneider |
| +EB1-87S2 | Switching unit. NO. | ZBE 101 | 1 | ZBE 101 | Schneider |
| +EB1-87S3 | Press key. Without fretboard. | ZB5 AA | 1 | ZB5 AA0 | Schneider |
| +EB1-87S3 | Button. Black. | ZBA 2 | 1 | ZBA 2 | Schneider |
| +EB1-87S3 | label 18x27 | ZBZ 33 | 1 | ZBZ 33 | Schneider |
| +EB1-87S3 | Connector. | ZB5 AZ009 | 1 | ZB5 AZ009 | Schneider |
| +EB1-87S3 | Switching unit. NC. | ZBE 102 | 1 | ZBE 102 | Schneider |
| +EB1-87S4 | Press key. Without fretboard. | ZB5 AA | 1 | ZB5 AA0 | Schneider |
| +EB1-87S4 | Button. | ZBA 6 | 1 | ZBA 6 | Schneider |
| +EB1-87S4 | label 18x27 | ZBZ 33 | 1 | ZBZ 33 | Schneider |
| +EB1-87S4 | Connector. | ZB5 AZ009 | 1 | ZB5 AZ009 | Schneider |
| +EB1-87S4 | Switching unit. NO. | ZBE 101 | 1 | ZBE 101 | Schneider |
| +EB1-0U1 | Isolated bridge. | N15 | 1 | 11123. N15 | OEZ |

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30.3

Piece list of the group of components. Devices.

TIE_F01_Vyr_Prs_ALL_V01

| Full designation. | Name. | Type number. | Quantity. | Order number. | Supplier. |
|-------------------|------------------|--------------|-----------|---------------|-----------|
| +EB1-1U1 | Isolated bridge. | PE15 | 1 | 11126. PE15 | OEZ |
| +EB1-7U1 | Gland. | M25 | 1 | 805.5425 | SCAME |
| +EB1-7U1 | Nut. | M25 | 1 | 805.5625 | SCAME |
| +EB1-7U2 | Gland. | M16 | 1 | 805.5416 | SCAME |
| +EB1-7U2 | Nut. | M16 | 1 | 805.5616 | SCAME |
| +EB1-7U3 | Gland. | M16 | 1 | 805.5416 | SCAME |
| +EB1-7U3 | Nut. | M16 | 1 | 805.5616 | SCAME |
| +EB1-7U4 | Gland. | M16 | 1 | 805.5416 | SCAME |
| +EB1-7U4 | Nut. | M16 | 1 | 805.5616 | SCAME |
| +EB1-7U5 | Gland. | M16 | 1 | 805.5416 | SCAME |
| +EB1-7U5 | Nut. | M16 | 1 | 805.5616 | SCAME |
| +EB1-7U6 | Gland. | M20 | 1 | 805.5420 | SCAME |
| +EB1-7U6 | Nut. | M20 | 1 | 805.5620 | SCAME |
| +EB1-7U7 | Gland. | M16 | 1 | 805.5416 | SCAME |
| +EB1-7U7 | Nut. | M16 | 1 | 805.5616 | SCAME |
| +EB1-7U8 | Gland. | M20 | 1 | 805.5420 | SCAME |
| +EB1-7U8 | Nut. | M20 | 1 | 805.5620 | SCAME |
| +EB1-7U9 | Gland. | M20 | 1 | 805.5420 | SCAME |
| +EB1-7U9 | Nut. | M20 | 1 | 805.5620 | SCAME |
| +EB1-7U10 | Gland. | M16 | 1 | 805.5416 | SCAME |
| +EB1-7U10 | Nut. | M16 | 1 | 805.5616 | SCAME |
| +EB1-7U11 | Gland. | M16 | 1 | 805.5416 | SCAME |
| +EB1-7U11 | Nut. | M16 | 1 | 805.5616 | SCAME |
| +EB1-7U12 | Gland. | M16 | 1 | 805.5416 | SCAME |
| +EB1-7U12 | Nut. | M16 | 1 | 805.5616 | SCAME |
| +EB1-7U13 | Gland. | M16 | 1 | 805.5416 | SCAME |
| +EB1-7U13 | Nut. | M16 | 1 | 805.5616 | SCAME |
| +EB1-7U14 | Gland. | M16 | 1 | 805.5416 | SCAME |
| +EB1-7U14 | Nut. | M16 | 1 | 805.5616 | SCAME |
| +EB1-7U15 | Gland. | M16 | 1 | 805.5416 | SCAME |

30.2

30.4



Packaging line.
End User Client

Piece list of the group of components.

| | | | |
|--------------------------|------------------|------------|--------------------|
| Creator | V00 | 01.04.2014 | Ing. Tisovčík Ivan |
| Last revision of project | | | |
| Last revision of page | | | |
| M = 1 : 1 | Kusovník artiklů | 11.05.2015 | WUP0U34409 |

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30.3

Piece list of the group of components. Devices.

TIE_F01_Vyr_Prs_ALL_V01

| Full designation. | Name. | Type number. | Quantity. | Order number. | Supplier. |
|-------------------|-------------------------|---------------------|-----------|--|------------|
| +EB1-7U15 | Nut. | M16 | 1 | 805.5616 | SCAME |
| +EB1-9U1 | Perforated tray PVC. | VKD 37,5x50 | 173 | VKD š/v 37,5x50 - NP 48207 | I-center |
| +EB1-9U2 | Perforated tray PVC. | VKD 37,5x50 | 511 | VKD š/v 37,5x50 - NP 48207 | I-center |
| +EB1-9U3 | Perforated DIN bar. | TS 35x7,5 | 549 | 0514500000. TS 35x7,5. | Weidmüller |
| +EB1-9U4 | Perforated tray PVC. | VKD 37,5x50 | 473 | VKD š/v 37,5x50 - NP 48207 | I-center |
| +EB1-9U5 | Perforated DIN bar. | TS 35x7,5 | 473 | 0514500000. TS 35x7,5. | Weidmüller |
| +EB1-9U6 | Perforated tray PVC. | VKD 37,5x50 | 142 | VKD š/v 37,5x50 - NP 48207 | I-center |
| +EB1-9U7 | Perforated tray PVC. | VKD 37,5x50 | 396 | VKD š/v 37,5x50 - NP 48207 | I-center |
| +EB1-9U8 | Perforated DIN bar. | TS 35x7,5 | 358 | 0514500000. TS 35x7,5. | Weidmüller |
| +EB1-9U9 | Perforated tray PVC. | VKD 37,5x50 | 353 | VKD š/v 37,5x50 - NP 48207 | I-center |
| +EB1-9U10 | Perforated tray PVC. | VKD 25x37,5 | 500 | VKD š/v 25x37,5 | I-center |
| +EB1-9U10 | Screw for metal plates. | 5,5x13 - DIN 7981C | 5 | skrutka do plechu 5,5x13 - DIN 7981C Zn | ??? |
| +EB1-9U10 | Big washer. | DIN9021 M5 | 5 | DIN9021. M5. Zn. | ??? |
| +EB1-9U10 | Mounting brace. | 2326.000 | 1 | SZ2326.000 | Rittal |
| +EB1-9U10 | Screw for metal plates. | 4,8x9,5 - DIN 7981C | 2 | skrutka do plechu 4,8x9,5 - DIN 7981C Zn | ??? |
| +EB1-9U10 | Serrated lock washer. | DIN6798A M4 | 2 | DIN6798A. M4. Zn. | ??? |
| +EB1-9U11 | Perforated tray PVC. | VKD 25x37,5 | 500 | VKD š/v 25x37,5 | I-center |
| +EB1-9U11 | Screw for metal plates. | 5,5x13 - DIN 7981C | 5 | skrutka do plechu 5,5x13 - DIN 7981C Zn | ??? |
| +EB1-9U11 | Big washer. | DIN9021 M5 | 5 | DIN9021. M5. Zn. | ??? |
| +EB1-9U11 | Mounting brace. | 2326.000 | 1 | SZ2326.000 | Rittal |
| +EB1-9U11 | Screw for metal plates. | 4,8x9,5 - DIN 7981C | 2 | skrutka do plechu 4,8x9,5 - DIN 7981C Zn | ??? |
| +EB1-9U11 | Serrated lock washer. | DIN6798A M4 | 2 | DIN6798A. M4. Zn. | ??? |
| +EB1-9U12 | Perforated tray PVC. | VKD 25x37,5 | 500 | VKD š/v 25x37,5 | I-center |
| +EB1-9U12 | Screw for metal plates. | 5,5x13 - DIN 7981C | 5 | skrutka do plechu 5,5x13 - DIN 7981C Zn | ??? |
| +EB1-9U12 | Big washer. | DIN9021 M5 | 5 | DIN9021. M5. Zn. | ??? |
| +EB1-9U12 | Mounting brace. | 2326.000 | 1 | SZ2326.000 | Rittal |
| +EB1-9U12 | Screw for metal plates. | 4,8x9,5 - DIN 7981C | 2 | skrutka do plechu 4,8x9,5 - DIN 7981C Zn | ??? |
| +EB1-9U12 | Serrated lock washer. | DIN6798A M4 | 2 | DIN6798A. M4. Zn. | ??? |
| +EB1-22V1 | Surge protection. | DA-275V/3+1 | 1 | 8595090518488. DA-275V / 3+1 | SALTEK |
| +EB1-26V1 | Safety module. | XPS AC 5121 | 1 | XPS AC 5121 | Schneider |

30.3

30.5

Piece list of the group of components. Devices.

TIE_F01_Vyr_Prs_ALL_V01

| Full designation. | Name. | Type number. | Quantity. | Order number. | Supplier. |
|-------------------|--|-------------------|-----------|---------------------------|------------|
| +EB1-X1 | Horizontal marking. | DEK5 "U,V,W,N,PE" | 10 | 0558360000. DEK5 "UVWNPE" | Weidmüller |
| +EB1-X1 | | | 0 | | |
| +EB1-X1 | End clamp. | WEW 35/2 | 2 | 1061200000. WEW 35/2 | Weidmüller |
| +EB1-X1 | White cover. | WAD 8 WH | 1 | 1112940000. WAD 8 | Weidmüller |
| +EB1-X1 | Terminal. Terraced. | WDU 4 | 3 | 1020100000. WDU 4 | Weidmüller |
| +EB1-X1 | Yellow covering with a lightning symbol. | WAD 5 YE | 3 | 1053460000. WAD 5 | Weidmüller |
| +EB1-X1 | Terminal. Terraced. | WDU 4 BL | 1 | 1020180000. WDU 4 BL | Weidmüller |
| +EB1-X1 | Horizontal marking. | DEK5 "N" | 2 | 0522761034. DEK5 "N" | Weidmüller |
| +EB1-X1 | Terminal. Terraced. PE. | WPE 4 | 1 | 1010100000. WPE 4 | Weidmüller |
| +EB1-X1 | Horizontal marking. | DEK5 "PE" | 2 | 0537261187. DEK5 "PE" | Weidmüller |
| +EB1-X2 | Horizontal marking. | DEK5 "1-10" | 20 | 0523060001. DEK5 "1-10" | Weidmüller |
| +EB1-X2 | | | 0 | | |
| +EB1-X2 | End clamp. | WEW 35/2 | 2 | 1061200000. WEW 35/2 | Weidmüller |
| +EB1-X2 | White cover. | WAD 8 WH | 1 | 1112940000. WAD 8 | Weidmüller |
| +EB1-X2 | Terminal. Terraced. | WDU 2,5 | 3 | 1020000000. WDU 2,5 | Weidmüller |
| +EB1-X2 | Terminal. Terraced. | WDU 2,5 BL | 3 | 1020080000. WDU 2,5 BL | Weidmüller |
| +EB1-X2 | Horizontal marking. | DEK5 "N" | 6 | 0522761034. DEK5 "N" | Weidmüller |
| +EB1-X2 | Terminal. Terraced. PE. | WPE 2,5 | 5 | 1010000000. WPE 2,5 | Weidmüller |
| +EB1-X2 | Horizontal marking. | DEK5 "PE" | 6 | 0537261187. DEK5 "PE" | Weidmüller |
| +EB1-X2 | Horizontal marking. | DEK5 "SH" | 4 | 1609801044. DEK5 "SH" | Weidmüller |
| +EB1-X3 | Horizontal marking. | DEK5 "11-20" | 20 | 0523060011. DEK5 "11-20" | Weidmüller |
| +EB1-X3 | Horizontal marking. | DEK5 "21-30" | 20 | 0523060021. DEK5 "21-30" | Weidmüller |
| +EB1-X3 | Horizontal marking. | DEK5 "31-40" | 20 | 0523060031. DEK5 "31-40" | Weidmüller |
| +EB1-X3 | | | 0 | | |
| +EB1-X3 | End clamp. | WEW 35/2 | 2 | 1061200000. WEW 35/2 | Weidmüller |
| +EB1-X3 | White cover. | WAD 8 WH | 1 | 1112940000. WAD 8 | Weidmüller |
| +EB1-X3 | Terminal. Terraced. | WDU 2,5 | 28 | 1020000000. WDU 2,5 | Weidmüller |
| +EB1-X7 | Horizontal marking. | DEK5 "+" | 1 | 0576261198. DEK5 "+" | Weidmüller |
| +EB1-X7 | Horizontal marking. | DEK5 "-" | 1 | 0576261199. DEK5 "-" | Weidmüller |
| +EB1-X7 | Horizontal marking. | DEK5 "PE" | 1 | 0537261187. DEK5 "PE" | Weidmüller |

30.4

30.6

Piece list of the group of components. Devices.

TIE_F01_Vyr_Prs_ALL_V01

| Full designation. | Name. | Type number. | Quantity. | Order number. | Supplier. |
|-------------------|-----------------------------|---------------------|-----------|-------------------------------|------------|
| +EB1-X7 | Horizontal marking. | DEK5 "41-50" | 20 | 0523060041. DEK5 "41-50" | Weidmüller |
| +EB1-X7 | | | 0 | | |
| +EB1-X7 | End clamp. | WEW 35/2 | 2 | 1061200000. WEW 35/2 | Weidmüller |
| +EB1-X7 | White cover. | WAD 8 WH | 1 | 1112940000. WAD 8 | Weidmüller |
| +EB1-X7 | Terminal. Basic module. PE. | ZIA4-PE | 1 | 1652030000. ZIA 1,5/4L-PE | Weidmüller |
| +EB1-X7 | Terminal. PE. | ZVL-PE | 6 | 1651970000. ZVL 1,5 PE | Weidmüller |
| +EB1-X7 | Terminal. Blue. | ZVL-BL | 6 | 1650360000. ZVL 1,5 BL | Weidmüller |
| +EB1-X7 | Terminal. Brown. | ZVL-BR | 6 | 1650370000. ZVL 1,5 BR | Weidmüller |
| +EB1-X7 | Horizontal marking. | DEK5 "A" | 2 | 0522761021. DEK5 "A" | Weidmüller |
| +EB1-X7 | Terminal. Basic module. | ZIA4 | 5 | 1652010000. ZIA 1,5/4L-1S | Weidmüller |
| +EB1-X7 | Side board. | ZAP/TW - ZIA 1,5/4L | 1 | 1649550000. ZAP/TW ZIA 1,5/4L | Weidmüller |
| +EB1-23X1 | Horizontal marking. | DEK5 "1-10" | 20 | 0523060001. DEK5 "1-10" | Weidmüller |
| +EB1-23X1 | | | 0 | | |
| +EB1-23X1 | End clamp. | WEW 35/2 | 2 | 1061200000. WEW 35/2 | Weidmüller |
| +EB1-23X1 | White cover. | WAD 8 WH | 1 | 1112940000. WAD 8 | Weidmüller |
| +EB1-23X1 | Terminal. Terraced. PE. | WPE 2,5 | 1 | 1010000000. WPE 2,5 | Weidmüller |
| +EB1-23X1 | Horizontal marking. | DEK5 "PE" | 2 | 0537261187. DEK5 "PE" | Weidmüller |
| +EB1-23X1 | Double level terminal. | WDK-ZQV | 4 | 1041100000. WDK 2,5 ZQV. | Weidmüller |
| +EB1-23X1 | low changer 4P | ZQV 2,5N/4 | 1 | 171 792 0000 - ZQV 2,5N/4 RT | Weidmüller |
| +EB1-23X1 | low changer 4P | ZQV 2,5N/4 | 1 | 171 801 0000 - ZQV 2,5N/4 BL | Weidmüller |
| +EB1-23X1 | Side board. | WAP WDK 2,5 | 1 | 1059100000. WAP WDK 2,5 | Weidmüller |
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Piece list of the group of components. Devices.

TIE_F01_Vyr_Prs_ALL_V01

| Full designation. | Name. | Type number. | Quantity. | Order number. | Supplier. |
|-------------------|---|--------------|-----------|---------------|-----------|
| +OB1-1 | Box. PVC. YE. | XAL K01 | 1 | XAL K01 | Schneider |
| +OB1-2 | Box. PVC. YE. | XAL K01 | 1 | XAL K01 | Schneider |
| +OB1-H1 | Support. 420mm. | XVBZ03 | 1 | XVBZ03 | Schneider |
| +OB1-H1 | Sleeve. Cover. | XVBC21 | 1 | XVBC21 | Schneider |
| +OB1-H1 | Buzzer. 90dB. | XVBC9B | 1 | XVBC9B | Schneider |
| +OB1-H1 | Lamp. LED. GN. | XVBC2B3 | 1 | XVBC2B3 | Schneider |
| +OB1-H1 | Lamp. LED. RD. | XVBC2B4 | 1 | XVBC2B4 | Schneider |
| +OB1-26S1 | Control head. Mushroom Push Button. RD. | ZB5 AS 844 | 1 | ZB5 AS 844 | Schneider |
| +OB1-26S1 | Switching unit. NC. | ZEN L1121 | 2 | ZEN L1121 | Schneider |
| +OB1-26S2 | Control head. Mushroom Push Button. RD. | ZB5 AS 844 | 1 | ZB5 AS 844 | Schneider |
| +OB1-26S2 | Switching unit. NC. | ZEN L1121 | 2 | ZEN L1121 | Schneider |
| +OB1-7U1 | Gland. | M16 | 1 | SZ2411.610 | Rittal |
| +OB1-7U2 | Gland. | M16 | 1 | SZ2411.610 | Rittal |
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Piece list of the group of components. Devices.

TIE_F01_Vyr_Prs_ALL_V01

| Full designation. | Name. | Type number. | Quantity. | Order number. | Supplier. |
|-------------------|-----------------------|--------------------|-----------|---------------------------------|------------|
| +EB2-1 | Distribution cabinet. | AE 1060 | 1 | AE1060.500 | Rittal |
| +EB2-11A1 | Programmable module. | LOGO 12/24RC | 1 | 6ED1052-1MD00-0BA6 | Siemens |
| +EB2-11A2 | Module. 4xDI. 4xDO. | LOGO DM8 24 | 1 | 6ED1055-1CB00-0BA0 | Siemens |
| +EB2-22A1 | Thermostat. | SK 3110 | 1 | SK3110.000 | Rittal |
| +EB2-22F1 | Circuit breaker. | C60N-B | 1 | 24092. C60N 3P 25A "B". | Schneider |
| +EB2-22F2 | Circuit breaker. | C60N-C | 1 | 24396. C60N 1P 2A "C". | Schneider |
| +EB2-23F1 | Circuit breaker. | C60N-C | 1 | 24401. C60N 1P 10A "C". | Schneider |
| +EB2-31F1 | Circuit breaker. | C60N-C | 1 | 24399. C60N 1P 6A "C". | Schneider |
| +EB2-32F1 | Circuit breaker. | C60N-C | 1 | 24404. C60N 1P 20A "C". | Schneider |
| +EB2-33F1 | Circuit breaker. | C60N-C | 1 | 24399. C60N 1P 6A "C". | Schneider |
| +EB2-23G1 | Source. 24VDC. | LOGO Power | 1 | 6EP1332-1SH52 | Siemens |
| +EB2-32G1 | Converter. 1x230V. | ESMD152X2SFA | 1 | ESMD152X2SFA. 1x230V. 1,50kW | Lenze |
| +EB2-87H1 | Control panel. | LOGO TD | 1 | 6ED1055-4MH00-0BA0 | Siemens |
| +EB2-87H2 | Indicator. WH. LED. | ZB5 AV 013 | 1 | ZB5 AV 013 | Schneider |
| +EB2-87H2 | label 18x27 | ZBZ 33 | 1 | ZBZ 33 | Schneider |
| +EB2-87H2 | Connector. | ZB5 AZ009 | 1 | ZB5 AZ009 | Schneider |
| +EB2-87H2 | LED. 24V. WH. | ZBV B1 | 1 | ZBV B1 | Schneider |
| +EB2-26K1 | Contacto. | LC1 D25 | 1 | LC1 D25 BD | Schneider |
| +EB2-31K1 | Relay. 1P. | TRS 24VDC | 1 | 1122770000. TRS 24VDC 1CO | Weidmüller |
| +EB2-31K1 | Jumper. | ZQV 1,5N/R6,4/10RT | 1 | 1391640000. ZQV 1,5N/R6,4/10RT. | Weidmüller |
| +EB2-31K1 | Jumper. | ZQV 1,5N/R6,4/10BL | 1 | 1390350000. ZQV 1,5N/R6,4/10BL. | Weidmüller |
| +EB2-32K1 | Relay. 1P. | TRS 24VDC | 1 | 1122770000. TRS 24VDC 1CO | Weidmüller |
| +EB2-32K2 | Relay. 1P. | TRS 24VDC | 1 | 1122770000. TRS 24VDC 1CO | Weidmüller |
| +EB2-33K1 | Relay. 1P. | TRS 24VDC | 1 | 1122770000. TRS 24VDC 1CO | Weidmüller |
| +EB2-87K1 | Relay. 1P. | TRS 24VDC | 1 | 1122770000. TRS 24VDC 1CO | Weidmüller |
| +EB2-87K2 | Relay. 1P. | TRS 24VDC | 1 | 1122770000. TRS 24VDC 1CO | Weidmüller |
| +EB2-87K3 | Relay. 1P. | TRS 24VDC | 1 | 1122770000. TRS 24VDC 1CO | Weidmüller |
| +EB2-87K4 | Relay. 1P. | TRS 24VDC | 1 | 1122770000. TRS 24VDC 1CO | Weidmüller |
| +EB2-22M1 | Ventilator. 230V. | 3238.100 | 1 | SK 3238.100 | Rittal |
| +EB2-22M1 | The output filter. | 3238.200 | 1 | SK 3238.200 | Rittal |

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30.9

Piece list of the group of components. Devices.

TIE_F01_Vyr_Prs_ALL_V01

| Full designation. | Name. | Type number. | Quantity. | Order number. | Supplier. |
|-------------------|---|--------------|-----------|---------------|-----------|
| +EB2-20Q1 | Power disconnecter. | VCF0 | 1 | VARIO. VCF0. | Schneider |
| +EB2-26S1 | Control head. Mushroom Push Button. RD. | ZB5 AS 844 | 1 | ZB5 AS 844 | Schneider |
| +EB2-26S1 | label EMERGENCY STOP | ZBY 9330 | 1 | ZBY 9330 | Schneider |
| +EB2-26S1 | Connector. | ZB5 AZ009 | 1 | ZB5 AZ009 | Schneider |
| +EB2-26S1 | Switching unit. NC. | ZBE 102 | 2 | ZBE 102 | Schneider |
| +EB2-26S2 | Backlit press key. WH. LED. | ZB5 AW 313 | 1 | ZB5 AW 313 | Schneider |
| +EB2-26S2 | LED. 24V. WH. | ZBV B1 | 1 | ZBV B1 | Schneider |
| +EB2-26S2 | label 18x27 | ZBZ 33 | 1 | ZBZ 33 | Schneider |
| +EB2-26S2 | Connector. | ZB5 AZ009 | 1 | ZB5 AZ009 | Schneider |
| +EB2-26S2 | Switching unit. NO. | ZBE 101 | 1 | ZBE 101 | Schneider |
| +EB2-87S1 | Rotary switch. BK. | ZB5 AD2 | 1 | ZB5AD2 | Schneider |
| +EB2-87S1 | label 18x27 | ZBZ 33 | 1 | ZBZ 33 | Schneider |
| +EB2-87S1 | Connector. | ZB5 AZ009 | 1 | ZB5 AZ009 | Schneider |
| +EB2-87S1 | Switching unit. NO. | ZBE 101 | 1 | ZBE 101 | Schneider |
| +EB2-87S2 | Backlit press key. WH. LED. | ZB5 AW 313 | 1 | ZB5 AW 313 | Schneider |
| +EB2-87S2 | LED. 24V. WH. | ZBV B1 | 1 | ZBV B1 | Schneider |
| +EB2-87S2 | label 18x27 | ZBZ 33 | 1 | ZBZ 33 | Schneider |
| +EB2-87S2 | Connector. | ZB5 AZ009 | 1 | ZB5 AZ009 | Schneider |
| +EB2-87S2 | Switching unit. NO. | ZBE 101 | 1 | ZBE 101 | Schneider |
| +EB2-87S3 | Press key. Without fretboard. | ZB5 AA | 1 | ZB5 AA0 | Schneider |
| +EB2-87S3 | Button. Black. | ZBA 2 | 1 | ZBA 2 | Schneider |
| +EB2-87S3 | label 18x27 | ZBZ 33 | 1 | ZBZ 33 | Schneider |
| +EB2-87S3 | Connector. | ZB5 AZ009 | 1 | ZB5 AZ009 | Schneider |
| +EB2-87S3 | Switching unit. NC. | ZBE 102 | 1 | ZBE 102 | Schneider |
| +EB2-87S4 | Press key. Without fretboard. | ZB5 AA | 1 | ZB5 AA0 | Schneider |
| +EB2-87S4 | Button. | ZBA 6 | 1 | ZBA 6 | Schneider |
| +EB2-87S4 | label 18x27 | ZBZ 33 | 1 | ZBZ 33 | Schneider |
| +EB2-87S4 | Connector. | ZB5 AZ009 | 1 | ZB5 AZ009 | Schneider |
| +EB2-87S4 | Switching unit. NO. | ZBE 101 | 1 | ZBE 101 | Schneider |
| +EB2-0U1 | Isolated bridge. | N15 | 1 | 11123. N15 | OEZ |

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Piece list of the group of components. Devices.

TIE_F01_Vyr_Prs_ALL_V01

| Full designation. | Name. | Type number. | Quantity. | Order number. | Supplier. |
|-------------------|------------------|--------------|-----------|---------------|-----------|
| +EB2-1U1 | Isolated bridge. | PE15 | 1 | 11126. PE15 | OEZ |
| +EB2-7U1 | Gland. | M25 | 1 | 805.5425 | SCAME |
| +EB2-7U1 | Nut. | M25 | 1 | 805.5625 | SCAME |
| +EB2-7U2 | Gland. | M16 | 1 | 805.5416 | SCAME |
| +EB2-7U2 | Nut. | M16 | 1 | 805.5616 | SCAME |
| +EB2-7U3 | Gland. | M16 | 1 | 805.5416 | SCAME |
| +EB2-7U3 | Nut. | M16 | 1 | 805.5616 | SCAME |
| +EB2-7U4 | Gland. | M16 | 1 | 805.5416 | SCAME |
| +EB2-7U4 | Nut. | M16 | 1 | 805.5616 | SCAME |
| +EB2-7U5 | Gland. | M16 | 1 | 805.5416 | SCAME |
| +EB2-7U5 | Nut. | M16 | 1 | 805.5616 | SCAME |
| +EB2-7U6 | Gland. | M20 | 1 | 805.5420 | SCAME |
| +EB2-7U6 | Nut. | M20 | 1 | 805.5620 | SCAME |
| +EB2-7U7 | Gland. | M16 | 1 | 805.5416 | SCAME |
| +EB2-7U7 | Nut. | M16 | 1 | 805.5616 | SCAME |
| +EB2-7U8 | Gland. | M20 | 1 | 805.5420 | SCAME |
| +EB2-7U8 | Nut. | M20 | 1 | 805.5620 | SCAME |
| +EB2-7U9 | Gland. | M20 | 1 | 805.5420 | SCAME |
| +EB2-7U9 | Nut. | M20 | 1 | 805.5620 | SCAME |
| +EB2-7U10 | Gland. | M16 | 1 | 805.5416 | SCAME |
| +EB2-7U10 | Nut. | M16 | 1 | 805.5616 | SCAME |
| +EB2-7U11 | Gland. | M16 | 1 | 805.5416 | SCAME |
| +EB2-7U11 | Nut. | M16 | 1 | 805.5616 | SCAME |
| +EB2-7U12 | Gland. | M16 | 1 | 805.5416 | SCAME |
| +EB2-7U12 | Nut. | M16 | 1 | 805.5616 | SCAME |
| +EB2-7U13 | Gland. | M16 | 1 | 805.5416 | SCAME |
| +EB2-7U13 | Nut. | M16 | 1 | 805.5616 | SCAME |
| +EB2-7U14 | Gland. | M16 | 1 | 805.5416 | SCAME |
| +EB2-7U14 | Nut. | M16 | 1 | 805.5616 | SCAME |
| +EB2-7U15 | Gland. | M16 | 1 | 805.5416 | SCAME |

Piece list of the group of components. Devices.

TIE_F01_Vyr_Prs_ALL_V01

| Full designation. | Name. | Type number. | Quantity. | Order number. | Supplier. |
|-------------------|-------------------------|---------------------|-----------|--|------------|
| +EB2-7U15 | Nut. | M16 | 1 | 805.5616 | SCAME |
| +EB2-9U1 | Perforated tray PVC. | VKD 37,5x50 | 173 | VKD š/v 37,5x50 - NP 48207 | I-center |
| +EB2-9U2 | Perforated tray PVC. | VKD 37,5x50 | 511 | VKD š/v 37,5x50 - NP 48207 | I-center |
| +EB2-9U3 | Perforated DIN bar. | TS 35x7,5 | 549 | 0514500000. TS 35x7,5. | Weidmüller |
| +EB2-9U4 | Perforated tray PVC. | VKD 37,5x50 | 473 | VKD š/v 37,5x50 - NP 48207 | I-center |
| +EB2-9U5 | Perforated DIN bar. | TS 35x7,5 | 473 | 0514500000. TS 35x7,5. | Weidmüller |
| +EB2-9U6 | Perforated tray PVC. | VKD 37,5x50 | 142 | VKD š/v 37,5x50 - NP 48207 | I-center |
| +EB2-9U7 | Perforated tray PVC. | VKD 37,5x50 | 396 | VKD š/v 37,5x50 - NP 48207 | I-center |
| +EB2-9U8 | Perforated DIN bar. | TS 35x7,5 | 358 | 0514500000. TS 35x7,5. | Weidmüller |
| +EB2-9U9 | Perforated tray PVC. | VKD 37,5x50 | 353 | VKD š/v 37,5x50 - NP 48207 | I-center |
| +EB2-9U10 | Perforated tray PVC. | VKD 25x37,5 | 500 | VKD š/v 25x37,5 | I-center |
| +EB2-9U10 | Screw for metal plates. | 5,5x13 - DIN 7981C | 5 | skrutka do plechu 5,5x13 - DIN 7981C Zn | ??? |
| +EB2-9U10 | Big washer. | DIN9021 M5 | 5 | DIN9021. M5. Zn. | ??? |
| +EB2-9U10 | Mounting brace. | 2326.000 | 1 | SZ2326.000 | Rittal |
| +EB2-9U10 | Screw for metal plates. | 4,8x9,5 - DIN 7981C | 2 | skrutka do plechu 4,8x9,5 - DIN 7981C Zn | ??? |
| +EB2-9U10 | Serrated lock washer. | DIN6798A M4 | 2 | DIN6798A. M4. Zn. | ??? |
| +EB2-9U11 | Perforated tray PVC. | VKD 25x37,5 | 500 | VKD š/v 25x37,5 | I-center |
| +EB2-9U11 | Screw for metal plates. | 5,5x13 - DIN 7981C | 5 | skrutka do plechu 5,5x13 - DIN 7981C Zn | ??? |
| +EB2-9U11 | Big washer. | DIN9021 M5 | 5 | DIN9021. M5. Zn. | ??? |
| +EB2-9U11 | Mounting brace. | 2326.000 | 1 | SZ2326.000 | Rittal |
| +EB2-9U11 | Screw for metal plates. | 4,8x9,5 - DIN 7981C | 2 | skrutka do plechu 4,8x9,5 - DIN 7981C Zn | ??? |
| +EB2-9U11 | Serrated lock washer. | DIN6798A M4 | 2 | DIN6798A. M4. Zn. | ??? |
| +EB2-9U12 | Perforated tray PVC. | VKD 25x37,5 | 500 | VKD š/v 25x37,5 | I-center |
| +EB2-9U12 | Screw for metal plates. | 5,5x13 - DIN 7981C | 5 | skrutka do plechu 5,5x13 - DIN 7981C Zn | ??? |
| +EB2-9U12 | Big washer. | DIN9021 M5 | 5 | DIN9021. M5. Zn. | ??? |
| +EB2-9U12 | Mounting brace. | 2326.000 | 1 | SZ2326.000 | Rittal |
| +EB2-9U12 | Screw for metal plates. | 4,8x9,5 - DIN 7981C | 2 | skrutka do plechu 4,8x9,5 - DIN 7981C Zn | ??? |
| +EB2-9U12 | Serrated lock washer. | DIN6798A M4 | 2 | DIN6798A. M4. Zn. | ??? |
| +EB2-22V1 | Surge protection. | DA-275V/3+1 | 1 | 8595090518488. DA-275V / 3+1 | SALTEK |
| +EB2-26V1 | Safety module. | XPS AC 5121 | 1 | XPS AC 5121 | Schneider |

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30.12

Piece list of the group of components. Devices.

TIE_F01_Vyr_Prs_ALL_V01

| Full designation. | Name. | Type number. | Quantity. | Order number. | Supplier. |
|-------------------|--|-------------------|-----------|---------------------------|------------|
| +EB2-X1 | Horizontal marking. | DEK5 "U,V,W,N,PE" | 10 | 0558360000. DEK5 "UVWNPE" | Weidmüller |
| +EB2-X1 | | | 0 | | |
| +EB2-X1 | End clamp. | WEW 35/2 | 2 | 1061200000. WEW 35/2 | Weidmüller |
| +EB2-X1 | White cover. | WAD 8 WH | 1 | 1112940000. WAD 8 | Weidmüller |
| +EB2-X1 | Terminal. Terraced. | WDU 4 | 3 | 1020100000. WDU 4 | Weidmüller |
| +EB2-X1 | Yellow covering with a lightning symbol. | WAD 5 YE | 3 | 1053460000. WAD 5 | Weidmüller |
| +EB2-X1 | Terminal. Terraced. | WDU 4 BL | 1 | 1020180000. WDU 4 BL | Weidmüller |
| +EB2-X1 | Horizontal marking. | DEK5 "N" | 2 | 0522761034. DEK5 "N" | Weidmüller |
| +EB2-X1 | Terminal. Terraced. PE. | WPE 4 | 1 | 1010100000. WPE 4 | Weidmüller |
| +EB2-X1 | Horizontal marking. | DEK5 "PE" | 2 | 0537261187. DEK5 "PE" | Weidmüller |
| +EB2-X2 | Horizontal marking. | DEK5 "1-10" | 20 | 0523060001. DEK5 "1-10" | Weidmüller |
| +EB2-X2 | | | 0 | | |
| +EB2-X2 | End clamp. | WEW 35/2 | 2 | 1061200000. WEW 35/2 | Weidmüller |
| +EB2-X2 | White cover. | WAD 8 WH | 1 | 1112940000. WAD 8 | Weidmüller |
| +EB2-X2 | Terminal. Terraced. | WDU 2,5 | 3 | 1020000000. WDU 2,5 | Weidmüller |
| +EB2-X2 | Terminal. Terraced. | WDU 2,5 BL | 3 | 1020080000. WDU 2,5 BL | Weidmüller |
| +EB2-X2 | Horizontal marking. | DEK5 "N" | 6 | 0522761034. DEK5 "N" | Weidmüller |
| +EB2-X2 | Terminal. Terraced. PE. | WPE 2,5 | 5 | 1010000000. WPE 2,5 | Weidmüller |
| +EB2-X2 | Horizontal marking. | DEK5 "PE" | 6 | 0537261187. DEK5 "PE" | Weidmüller |
| +EB2-X2 | Horizontal marking. | DEK5 "SH" | 4 | 1609801044. DEK5 "SH" | Weidmüller |
| +EB2-X3 | Horizontal marking. | DEK5 "11-20" | 20 | 0523060011. DEK5 "11-20" | Weidmüller |
| +EB2-X3 | Horizontal marking. | DEK5 "21-30" | 20 | 0523060021. DEK5 "21-30" | Weidmüller |
| +EB2-X3 | Horizontal marking. | DEK5 "31-40" | 20 | 0523060031. DEK5 "31-40" | Weidmüller |
| +EB2-X3 | | | 0 | | |
| +EB2-X3 | End clamp. | WEW 35/2 | 2 | 1061200000. WEW 35/2 | Weidmüller |
| +EB2-X3 | White cover. | WAD 8 WH | 1 | 1112940000. WAD 8 | Weidmüller |
| +EB2-X3 | Terminal. Terraced. | WDU 2,5 | 28 | 1020000000. WDU 2,5 | Weidmüller |
| +EB2-X7 | Horizontal marking. | DEK5 "+" | 1 | 0576261198. DEK5 "+" | Weidmüller |
| +EB2-X7 | Horizontal marking. | DEK5 "-" | 1 | 0576261199. DEK5 "-" | Weidmüller |
| +EB2-X7 | Horizontal marking. | DEK5 "PE" | 1 | 0537261187. DEK5 "PE" | Weidmüller |

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Piece list of the group of components. Devices.

TIE_F01_Vyr_Prs_ALL_V01

| Full designation. | Name. | Type number. | Quantity. | Order number. | Supplier. |
|-------------------|-----------------------------|---------------------|-----------|-------------------------------|------------|
| +EB2-X7 | Horizontal marking. | DEK5 "41-50" | 20 | 0523060041. DEK5 "41-50" | Weidmüller |
| +EB2-X7 | | | 0 | | |
| +EB2-X7 | End clamp. | WEW 35/2 | 2 | 1061200000. WEW 35/2 | Weidmüller |
| +EB2-X7 | White cover. | WAD 8 WH | 1 | 1112940000. WAD 8 | Weidmüller |
| +EB2-X7 | Terminal. Basic module. PE. | ZIA4-PE | 1 | 1652030000. ZIA 1,5/4L-PE | Weidmüller |
| +EB2-X7 | Terminal. PE. | ZVL-PE | 6 | 1651970000. ZVL 1,5 PE | Weidmüller |
| +EB2-X7 | Terminal. Blue. | ZVL-BL | 6 | 1650360000. ZVL 1,5 BL | Weidmüller |
| +EB2-X7 | Terminal. Brown. | ZVL-BR | 6 | 1650370000. ZVL 1,5 BR | Weidmüller |
| +EB2-X7 | Horizontal marking. | DEK5 "A" | 2 | 0522761021. DEK5 "A" | Weidmüller |
| +EB2-X7 | Terminal. Basic module. | ZIA4 | 5 | 1652010000. ZIA 1,5/4L-1S | Weidmüller |
| +EB2-X7 | Side board. | ZAP/TW - ZIA 1,5/4L | 1 | 1649550000. ZAP/TW ZIA 1,5/4L | Weidmüller |
| +EB2-23X1 | Horizontal marking. | DEK5 "1-10" | 20 | 0523060001. DEK5 "1-10" | Weidmüller |
| +EB2-23X1 | | | 0 | | |
| +EB2-23X1 | End clamp. | WEW 35/2 | 2 | 1061200000. WEW 35/2 | Weidmüller |
| +EB2-23X1 | White cover. | WAD 8 WH | 1 | 1112940000. WAD 8 | Weidmüller |
| +EB2-23X1 | Terminal. Terraced. PE. | WPE 2,5 | 1 | 1010000000. WPE 2,5 | Weidmüller |
| +EB2-23X1 | Horizontal marking. | DEK5 "PE" | 2 | 0537261187. DEK5 "PE" | Weidmüller |
| +EB2-23X1 | Double level terminal. | WDK-ZQV | 4 | 1041100000. WDK 2,5 ZQV. | Weidmüller |
| +EB2-23X1 | low changer 4P | ZQV 2,5N/4 | 1 | 171 792 0000 - ZQV 2,5N/4 RT | Weidmüller |
| +EB2-23X1 | low changer 4P | ZQV 2,5N/4 | 1 | 171 801 0000 - ZQV 2,5N/4 BL | Weidmüller |
| +EB2-23X1 | Side board. | WAP WDK 2,5 | 1 | 1059100000. WAP WDK 2,5 | Weidmüller |
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Piece list of the group of components. Devices.

TIE_F01_Vyr_Prs_ALL_V01

| Full designation. | Name. | Type number. | Quantity. | Order number. | Supplier. |
|-------------------|---|--------------|-----------|---------------|-----------|
| +OB2-1 | Box. PVC. YE. | XAL K01 | 1 | XAL K01 | Schneider |
| +OB2-2 | Box. PVC. YE. | XAL K01 | 1 | XAL K01 | Schneider |
| +OB2-H1 | Support. 420mm. | XVBZ03 | 1 | XVBZ03 | Schneider |
| +OB2-H1 | Sleeve. Cover. | XVBC21 | 1 | XVBC21 | Schneider |
| +OB2-H1 | Buzzer. 90dB. | XVBC9B | 1 | XVBC9B | Schneider |
| +OB2-H1 | Lamp. LED. GN. | XVBC2B3 | 1 | XVBC2B3 | Schneider |
| +OB2-H1 | Lamp. LED. RD. | XVBC2B4 | 1 | XVBC2B4 | Schneider |
| +OB2-26S1 | Control head. Mushroom Push Button. RD. | ZB5 AS 844 | 1 | ZB5 AS 844 | Schneider |
| +OB2-26S1 | Switching unit. NC. | ZEN L1121 | 2 | ZEN L1121 | Schneider |
| +OB2-26S2 | Control head. Mushroom Push Button. RD. | ZB5 AS 844 | 1 | ZB5 AS 844 | Schneider |
| +OB2-26S2 | Switching unit. NC. | ZEN L1121 | 2 | ZEN L1121 | Schneider |
| +OB2-7U1 | Gland. | M16 | 1 | SZ2411.610 | Rittal |
| +OB2-7U2 | Gland. | M16 | 1 | SZ2411.610 | Rittal |
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Pre-production. Material cutting. List of bars and troughs.

TIE_F01_Vyr_Prs_LaZ_V01

| Name. | Type number. | Full designation. | Quantity. | Unit. | Remark. |
|----------------------|--------------|-------------------|-----------|-------|---------|
| Perforated tray PVC. | VKD 37,5x50 | +EB1-9U1 | 173 | mm | |
| Perforated tray PVC. | VKD 37,5x50 | +EB1-9U2 | 511 | mm | |
| Perforated DIN bar. | TS 35x7,5 | +EB1-9U3 | 549 | mm | |
| Perforated tray PVC. | VKD 37,5x50 | +EB1-9U4 | 473 | mm | |
| Perforated DIN bar. | TS 35x7,5 | +EB1-9U5 | 473 | mm | |
| Perforated tray PVC. | VKD 37,5x50 | +EB1-9U6 | 142 | mm | |
| Perforated tray PVC. | VKD 37,5x50 | +EB1-9U7 | 396 | mm | |
| Perforated DIN bar. | TS 35x7,5 | +EB1-9U8 | 358 | mm | |
| Perforated tray PVC. | VKD 37,5x50 | +EB1-9U9 | 353 | mm | |
| Perforated tray PVC. | VKD 25x37,5 | +EB1-9U10 | 500 | mm | |
| Perforated tray PVC. | VKD 25x37,5 | +EB1-9U11 | 500 | mm | |
| Perforated tray PVC. | VKD 25x37,5 | +EB1-9U12 | 500 | mm | |
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Distribution frame group of components.

=9425+EB1-X1

TIE_F13_Terminal_V_01

| | | |
|-----|----------|-----------|
| □ | WEW 35/2 | WAD 8 WH |
| □ 4 | WDU 4 | WAD 5 YE |
| □ 4 | WDU 4 | WAD 5 YE |
| □ 4 | WDU 4 | WAD 5 YE |
| □ 4 | WDU 4 BL | DEK5 "N" |
| □ 4 | WPE 4 | DEK5 "PE" |
| □ | WEW 35/2 | |

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| U |
| V |
| W |
| N |
| PE |
| . |

Distribution frame group of components.

=9425+EB1-X2

TIE_F13_Terminal_V_01

| | | | |
|----|-------|------------|-----------|
| | □ | WEW 35/2 | WAD 8 WH |
| 1 | □ 2,5 | WDU 2,5 | |
| N | □ 2,5 | WDU 2,5 BL | DEK5 "N" |
| PE | □ 2,5 | WPE 2,5 | DEK5 "PE" |
| 2 | □ 2,5 | WDU 2,5 | |
| N | □ 2,5 | WDU 2,5 BL | DEK5 "N" |
| PE | □ 2,5 | WPE 2,5 | DEK5 "PE" |
| SH | □ 2,5 | WPE 2,5 | DEK5 "SH" |
| 3 | □ 2,5 | WDU 2,5 | |
| N | □ 2,5 | WDU 2,5 BL | DEK5 "N" |
| PE | □ 2,5 | WPE 2,5 | DEK5 "PE" |
| SH | □ 2,5 | WPE 2,5 | DEK5 "SH" |
| | □ | WEW 35/2 | |

Distribution frame group of components.

=9425+EB1-X3

TIE_F13_Terminal_V_01

| | | |
|----|---------------|----------|
| | WEW 35/2 | WAD 8 WH |
| 11 | □ 2,5 WDU 2,5 | |
| 12 | □ 2,5 WDU 2,5 | |
| 13 | □ 2,5 WDU 2,5 | |
| 14 | □ 2,5 WDU 2,5 | |
| 15 | □ 2,5 WDU 2,5 | |
| 16 | □ 2,5 WDU 2,5 | |
| 17 | □ 2,5 WDU 2,5 | |
| 18 | □ 2,5 WDU 2,5 | |
| 19 | □ 2,5 WDU 2,5 | |
| 20 | □ 2,5 WDU 2,5 | |
| 21 | □ 2,5 WDU 2,5 | |
| 22 | □ 2,5 WDU 2,5 | |
| 23 | □ 2,5 WDU 2,5 | |
| 24 | □ 2,5 WDU 2,5 | |
| 25 | □ 2,5 WDU 2,5 | |
| 26 | □ 2,5 WDU 2,5 | |
| 27 | □ 2,5 WDU 2,5 | |
| 28 | □ 2,5 WDU 2,5 | |
| 29 | □ 2,5 WDU 2,5 | |
| 30 | □ 2,5 WDU 2,5 | |
| 31 | □ 2,5 WDU 2,5 | |
| 32 | □ 2,5 WDU 2,5 | |
| 33 | □ 2,5 WDU 2,5 | |
| 34 | □ 2,5 WDU 2,5 | |
| 35 | □ 2,5 WDU 2,5 | |
| 36 | □ 2,5 WDU 2,5 | |
| 37 | □ 2,5 WDU 2,5 | |
| 38 | □ 2,5 WDU 2,5 | |
| | □ WEW 35/2 | |

Distribution frame group of components.

=9425+EB1-X7

TIE_F13_Terminal_V_01

| | | | | |
|---|---------------------|----------|--------|----------|
| | WEW 35/2 | WAD 8 WH | | |
| □ | 1,5 ZIA4-PE | ZVL-PE | ZVL-BL | ZVL-BR |
| □ | 1,5 ZIA4 | ZVL-PE | ZVL-BL | ZVL-BR |
| □ | 1,5 ZIA4 | ZVL-PE | ZVL-BL | ZVL-BR |
| □ | 1,5 ZIA4 | ZVL-PE | ZVL-BL | ZVL-BR |
| □ | 1,5 ZIA4 | ZVL-PE | ZVL-BL | ZVL-BR |
| □ | 1,5 ZIA4 | ZVL-PE | ZVL-BL | ZVL-BR |
| □ | ZAP/TW - ZIA 1,5/4L | | | |
| □ | WEW 35/2 | | | |
| | | | | DEK5 "A" |

Distribution frame group of components.

=9425+EB1-23X1

TIE_F13_Terminal_V_01

| | | | |
|---|-------------|------------|------------|
| □ | WEW 35/2 | WAD 8 WH | |
| □ | 2,5 WPE 2,5 | DEK5 "PE" | |
| □ | 2,5 WDK-ZQV | ZQV 2,5N/4 | ZQV 2,5N/4 |
| □ | | | |
| □ | 2,5 WDK-ZQV | ZQV 2,5N/4 | ZQV 2,5N/4 |
| □ | | | |
| □ | 2,5 WDK-ZQV | ZQV 2,5N/4 | ZQV 2,5N/4 |
| □ | | | |
| □ | 2,5 WDK-ZQV | ZQV 2,5N/4 | ZQV 2,5N/4 |
| □ | | | |
| □ | 2,5 WDK-ZQV | ZQV 2,5N/4 | ZQV 2,5N/4 |
| □ | | | |
| □ | WAP WDK 2,5 | | |
| □ | WEW 35/2 | | |

| |
|----|
| . |
| PE |
| 1 |
| 2 |
| 3 |
| 4 |
| 5 |
| 6 |
| 7 |
| 8 |
| . |
| . |

Distribution frame group of components.

=9425+EB2-X1

TIE_F13_Terminal_V_01

| | | |
|---|----------|-----------|
| □ | WEW 35/2 | WAD 8 WH |
| □ | 4 | WAD 5 YE |
| □ | 4 | WAD 5 YE |
| □ | 4 | WAD 5 YE |
| □ | 4 | WAD 5 YE |
| □ | 4 | WAD 5 YE |
| □ | 4 | DEK5 "N" |
| □ | 4 | DEK5 "PE" |
| □ | WEW 35/2 | |

| |
|----|
| . |
| U |
| V |
| W |
| N |
| PE |
| . |

Distribution frame group of components.

=9425+EB2-X2

TIE_F13_Terminal_V_01

| | | | |
|----|-------|------------|-----------|
| | □ | WEW 35/2 | WAD 8 WH |
| 1 | □ 2,5 | WDU 2,5 | |
| N | □ 2,5 | WDU 2,5 BL | DEK5 "N" |
| PE | □ 2,5 | WPE 2,5 | DEK5 "PE" |
| 2 | □ 2,5 | WDU 2,5 | |
| N | □ 2,5 | WDU 2,5 BL | DEK5 "N" |
| PE | □ 2,5 | WPE 2,5 | DEK5 "PE" |
| SH | □ 2,5 | WPE 2,5 | DEK5 "SH" |
| 3 | □ 2,5 | WDU 2,5 | |
| N | □ 2,5 | WDU 2,5 BL | DEK5 "N" |
| PE | □ 2,5 | WPE 2,5 | DEK5 "PE" |
| SH | □ 2,5 | WPE 2,5 | DEK5 "SH" |
| | □ | WEW 35/2 | |

Distribution frame group of components.

=9425+EB2-X3

TIE_F13_Terminal_V_01

| | | |
|----|---------------|----------|
| | WEW 35/2 | WAD 8 WH |
| 11 | □ 2,5 WDU 2,5 | |
| 12 | □ 2,5 WDU 2,5 | |
| 13 | □ 2,5 WDU 2,5 | |
| 14 | □ 2,5 WDU 2,5 | |
| 15 | □ 2,5 WDU 2,5 | |
| 16 | □ 2,5 WDU 2,5 | |
| 17 | □ 2,5 WDU 2,5 | |
| 18 | □ 2,5 WDU 2,5 | |
| 19 | □ 2,5 WDU 2,5 | |
| 20 | □ 2,5 WDU 2,5 | |
| 21 | □ 2,5 WDU 2,5 | |
| 22 | □ 2,5 WDU 2,5 | |
| 23 | □ 2,5 WDU 2,5 | |
| 24 | □ 2,5 WDU 2,5 | |
| 25 | □ 2,5 WDU 2,5 | |
| 26 | □ 2,5 WDU 2,5 | |
| 27 | □ 2,5 WDU 2,5 | |
| 28 | □ 2,5 WDU 2,5 | |
| 29 | □ 2,5 WDU 2,5 | |
| 30 | □ 2,5 WDU 2,5 | |
| 31 | □ 2,5 WDU 2,5 | |
| 32 | □ 2,5 WDU 2,5 | |
| 33 | □ 2,5 WDU 2,5 | |
| 34 | □ 2,5 WDU 2,5 | |
| 35 | □ 2,5 WDU 2,5 | |
| 36 | □ 2,5 WDU 2,5 | |
| 37 | □ 2,5 WDU 2,5 | |
| 38 | □ 2,5 WDU 2,5 | |
| | □ WEW 35/2 | |

Distribution frame group of components.

=9425+EB2-X7

| | | | | | | |
|----|---|-----|---------------------|----------|--------|----------|
| | | | WEW 35/2 | WAD 8 WH | | |
| | □ | 1,5 | ZIA4-PE | ZVL-PE | ZVL-BL | ZVL-BR |
| A | | | | | | DEK5 "A" |
| 41 | □ | 1,5 | ZIA4 | ZVL-PE | ZVL-BL | ZVL-BR |
| 42 | □ | 1,5 | ZIA4 | ZVL-PE | ZVL-BL | ZVL-BR |
| 43 | □ | 1,5 | ZIA4 | ZVL-PE | ZVL-BL | ZVL-BR |
| 44 | □ | 1,5 | ZIA4 | ZVL-PE | ZVL-BL | ZVL-BR |
| 45 | □ | 1,5 | ZIA4 | ZVL-PE | ZVL-BL | ZVL-BR |
| | □ | | ZAP/TW - ZIA 1,5/4L | | | |
| | □ | | WEW 35/2 | | | |

Distribution frame group of components.

=9425+EB2-23X1

TIE_F13_Terminal_V_01

| | | | |
|----|---|-------------|------------|
| | □ | WEW 35/2 | WAD 8 WH |
| PE | □ | 2,5 WPE 2,5 | DEK5 "PE" |
| 1 | □ | 2,5 WDK-ZQV | ZQV 2,5N/4 |
| 2 | □ | | ZQV 2,5N/4 |
| 3 | □ | 2,5 WDK-ZQV | ZQV 2,5N/4 |
| 4 | □ | | ZQV 2,5N/4 |
| 5 | □ | 2,5 WDK-ZQV | ZQV 2,5N/4 |
| 6 | □ | | ZQV 2,5N/4 |
| 7 | □ | 2,5 WDK-ZQV | ZQV 2,5N/4 |
| 8 | □ | | ZQV 2,5N/4 |
| . | □ | WAP WDK 2,5 | |
| . | □ | WEW 35/2 | |

Parts list.

TIE_F01_Zak_Prs_ALL_V01

| Full designation | Name | Type number | Quantity | Unit | Order number. | Manufacturer |
|------------------|---------------------------|--------------------|----------|------|---------------------------------|--------------|
| +01-B1 | Level sensor. | UP56-211112 | 1 | pcs | 6041661. UP56-211112 | SICK |
| +01-G1 | Modul of vibratory drive. | PV R5FCX Z2 STM | 1 | pcs | PV R5FCX Z2 STM | ROX |
| +01-G3 | Modul of vibratory drive. | PV R5FCX Z2 STM | 1 | pcs | PV R5FCX Z2 STM | ROX |
| +01-M1 | | | 0 | | | |
| +01-M2 | Motor. 3x230/400V. | | 1 | pcs | 1,1 kW | ??? |
| +01-M3 | | | 0 | | | |
| +02-B1 | Level sensor. | UP56-211112 | 1 | pcs | 6041661. UP56-211112 | SICK |
| +02-G1 | Modul of vibratory drive. | PV R5FCX Z2 STM | 1 | pcs | PV R5FCX Z2 STM | ROX |
| +02-G3 | Modul of vibratory drive. | PV R5FCX Z2 STM | 1 | pcs | PV R5FCX Z2 STM | ROX |
| +02-M1 | | | 0 | | | |
| +02-M2 | Motor. 3x230/400V. | | 1 | pcs | 1,1 kW | ??? |
| +02-M3 | | | 0 | | | |
| +EB1-1 | Distribution cabinet. | AE 1060 | 1 | pcs | AE1060.500 | Rittal |
| +EB1-11A1 | Programmable module. | LOGO 12/24RC | 1 | pcs | 6ED1052-1MD00-0BA6 | Siemens |
| +EB1-11A2 | Module. 4xDI. 4xDO. | LOGO DM8 24 | 1 | pcs | 6ED1055-1CB00-0BA0 | Siemens |
| +EB1-22A1 | Thermostat. | SK 3110 | 1 | pcs | SK3110.000 | Rittal |
| +EB1-22F1 | Circuit breaker. | C60N-B | 1 | pcs | 24092. C60N 3P 25A "B". | Schneider |
| +EB1-22F2 | Circuit breaker. | C60N-C | 1 | pcs | 24396. C60N 1P 2A "C". | Schneider |
| +EB1-23F1 | Circuit breaker. | C60N-C | 1 | pcs | 24401. C60N 1P 10A "C". | Schneider |
| +EB1-31F1 | Circuit breaker. | C60N-C | 1 | pcs | 24399. C60N 1P 6A "C". | Schneider |
| +EB1-32F1 | Circuit breaker. | C60N-C | 1 | pcs | 24404. C60N 1P 20A "C". | Schneider |
| +EB1-33F1 | Circuit breaker. | C60N-C | 1 | pcs | 24399. C60N 1P 6A "C". | Schneider |
| +EB1-23G1 | Source. 24VDC. | LOGO Power | 1 | pcs | 6EP1332-1SH52 | Siemens |
| +EB1-32G1 | Converter. 1x230V. | ESMD152X2SFA | 1 | pcs | ESMD152X2SFA. 1x230V. 1,50kW | Lenze |
| +EB1-87H1 | Control panel. | LOGO TD | 1 | pcs | 6ED1055-4MH00-0BA0 | Siemens |
| +EB1-87H2 | Indicator. WH. LED. | ZB5 AV 013 | 1 | pcs | ZB5 AV 013 | Schneider |
| +EB1-87H2 | label 18x27 | ZBZ 33 | 1 | pcs | ZBZ 33 | Schneider |
| +EB1-87H2 | Connector. | ZB5 AZ009 | 1 | pcs | ZB5 AZ009 | Schneider |
| +EB1-87H2 | LED. 24V. WH. | ZBV B1 | 1 | pcs | ZBV B1 | Schneider |
| +EB1-26K1 | Contacto. | LC1 D25 | 1 | pcs | LC1 D25 BD | Schneider |
| +EB1-31K1 | Relay. 1P. | TRS 24VDC | 1 | pcs | 1122770000. TRS 24VDC 1CO | Weidmüller |
| +EB1-31K1 | Jumper. | ZQV 1,5N/R6,4/10RT | 1 | pcs | 1391640000. ZQV 1,5N/R6,4/10RT. | Weidmüller |
| +EB1-31K1 | Jumper. | ZQV 1,5N/R6,4/10BL | 1 | pcs | 1390350000. ZQV 1,5N/R6,4/10BL. | Weidmüller |
| +EB1-32K1 | Relay. 1P. | TRS 24VDC | 1 | pcs | 1122770000. TRS 24VDC 1CO | Weidmüller |
| +EB1-32K2 | Relay. 1P. | TRS 24VDC | 1 | pcs | 1122770000. TRS 24VDC 1CO | Weidmüller |
| +EB1-33K1 | Relay. 1P. | TRS 24VDC | 1 | pcs | 1122770000. TRS 24VDC 1CO | Weidmüller |
| +EB1-87K1 | Relay. 1P. | TRS 24VDC | 1 | pcs | 1122770000. TRS 24VDC 1CO | Weidmüller |
| +EB1-87K2 | Relay. 1P. | TRS 24VDC | 1 | pcs | 1122770000. TRS 24VDC 1CO | Weidmüller |
| +EB1-87K3 | Relay. 1P. | TRS 24VDC | 1 | pcs | 1122770000. TRS 24VDC 1CO | Weidmüller |
| +EB1-87K4 | Relay. 1P. | TRS 24VDC | 1 | pcs | 1122770000. TRS 24VDC 1CO | Weidmüller |

+XXXIII/33j.1

39.2

| | | | | | | | |
|---|--|--------------------|--------------------------|------------------|------------|--------------------|---------------|
|  TISKO elektrotechnická konštruktívna kancelária SLOVAKIA (SK) - BA www.tisko.sk | Packaging line. End User Client | Parts list. | Creator | V00 | 01.04.2014 | Ing. Tisovčík Ivan | = 9425 |
| | | | Last revision of project | | | | |
| | | | Last revision of page | | | | |
| | | | M = 1 : 1 | Kusovník artiklů | 11.05.2015 | WUP0U34409 | |
| | | | | | | | 39.1 |

Parts list.

TIE_F01_Zak_Prs_ALL_V01

| Full designation | Name | Type number | Quantity | Unit | Order number. | Manufacturer |
|------------------|---|-------------|----------|------|---------------|--------------|
| +EB1-22M1 | Ventilator. 230V. | 3238.100 | 1 | pcs | SK 3238.100 | Rittal |
| +EB1-22M1 | The output filter. | 3238.200 | 1 | pcs | SK 3238.200 | Rittal |
| +EB1-20Q1 | Power disconnecter. | VCF0 | 1 | pcs | VARIO. VCF0. | Schneider |
| +EB1-26S1 | Control head. Mushroom Push Button. RD. | ZB5 AS 844 | 1 | pcs | ZB5 AS 844 | Schneider |
| +EB1-26S1 | label EMERGENCY STOP | ZBY 9330 | 1 | pcs | ZBY 9330 | Schneider |
| +EB1-26S1 | Connector. | ZB5 AZ009 | 1 | pcs | ZB5 AZ009 | Schneider |
| +EB1-26S1 | Switching unit. NC. | ZBE 102 | 2 | pcs | ZBE 102 | Schneider |
| +EB1-26S2 | Backlit press key. WH. LED. | ZB5 AW 313 | 1 | pcs | ZB5 AW 313 | Schneider |
| +EB1-26S2 | LED. 24V. WH. | ZBV B1 | 1 | pcs | ZBV B1 | Schneider |
| +EB1-26S2 | label 18x27 | ZBZ 33 | 1 | pcs | ZBZ 33 | Schneider |
| +EB1-26S2 | Connector. | ZB5 AZ009 | 1 | pcs | ZB5 AZ009 | Schneider |
| +EB1-26S2 | Switching unit. NO. | ZBE 101 | 1 | pcs | ZBE 101 | Schneider |
| +EB1-87S1 | Rotary switch. BK. | ZB5 AD2 | 1 | pcs | ZB5AD2 | Schneider |
| +EB1-87S1 | label 18x27 | ZBZ 33 | 1 | pcs | ZBZ 33 | Schneider |
| +EB1-87S1 | Connector. | ZB5 AZ009 | 1 | pcs | ZB5 AZ009 | Schneider |
| +EB1-87S1 | Switching unit. NO. | ZBE 101 | 1 | pcs | ZBE 101 | Schneider |
| +EB1-87S2 | Backlit press key. WH. LED. | ZB5 AW 313 | 1 | pcs | ZB5 AW 313 | Schneider |
| +EB1-87S2 | LED. 24V. WH. | ZBV B1 | 1 | pcs | ZBV B1 | Schneider |
| +EB1-87S2 | label 18x27 | ZBZ 33 | 1 | pcs | ZBZ 33 | Schneider |
| +EB1-87S2 | Connector. | ZB5 AZ009 | 1 | pcs | ZB5 AZ009 | Schneider |
| +EB1-87S2 | Switching unit. NO. | ZBE 101 | 1 | pcs | ZBE 101 | Schneider |
| +EB1-87S3 | Press key. Without fretboard. | ZB5 AA | 1 | pcs | ZB5 AA0 | Schneider |
| +EB1-87S3 | Button. Black. | ZBA 2 | 1 | pcs | ZBA 2 | Schneider |
| +EB1-87S3 | label 18x27 | ZBZ 33 | 1 | pcs | ZBZ 33 | Schneider |
| +EB1-87S3 | Connector. | ZB5 AZ009 | 1 | pcs | ZB5 AZ009 | Schneider |
| +EB1-87S3 | Switching unit. NC. | ZBE 102 | 1 | pcs | ZBE 102 | Schneider |
| +EB1-87S4 | Press key. Without fretboard. | ZB5 AA | 1 | pcs | ZB5 AA0 | Schneider |
| +EB1-87S4 | Button. | ZBA 6 | 1 | pcs | ZBA 6 | Schneider |
| +EB1-87S4 | label 18x27 | ZBZ 33 | 1 | pcs | ZBZ 33 | Schneider |
| +EB1-87S4 | Connector. | ZB5 AZ009 | 1 | pcs | ZB5 AZ009 | Schneider |
| +EB1-87S4 | Switching unit. NO. | ZBE 101 | 1 | pcs | ZBE 101 | Schneider |
| +EB1-0U1 | Isolated bridge. | N15 | 1 | pcs | 11123. N15 | OEZ |
| +EB1-1U1 | Isolated bridge. | PE15 | 1 | pcs | 11126. PE15 | OEZ |
| +EB1-7U1 | Gland. | M25 | 1 | pcs | 805.5425 | SCAME |
| +EB1-7U1 | Nut. | M25 | 1 | pcs | 805.5625 | SCAME |
| +EB1-7U2 | Gland. | M16 | 1 | pcs | 805.5416 | SCAME |
| +EB1-7U2 | Nut. | M16 | 1 | pcs | 805.5616 | SCAME |
| +EB1-7U3 | Gland. | M16 | 1 | pcs | 805.5416 | SCAME |
| +EB1-7U3 | Nut. | M16 | 1 | pcs | 805.5616 | SCAME |
| +EB1-7U4 | Gland. | M16 | 1 | pcs | 805.5416 | SCAME |

Parts list.

TIE_F01_Zak_Prs_ALL_V01

| Full designation | Name | Type number | Quantity | Unit | Order number. | Manufacturer |
|------------------|-------------------------|---------------------|----------|------|--|--------------|
| +EB1-7U4 | Nut. | M16 | 1 | pcs | 805.5616 | SCAME |
| +EB1-7U5 | Gland. | M16 | 1 | pcs | 805.5416 | SCAME |
| +EB1-7U5 | Nut. | M16 | 1 | pcs | 805.5616 | SCAME |
| +EB1-7U6 | Gland. | M20 | 1 | pcs | 805.5420 | SCAME |
| +EB1-7U6 | Nut. | M20 | 1 | pcs | 805.5620 | SCAME |
| +EB1-7U7 | Gland. | M16 | 1 | pcs | 805.5416 | SCAME |
| +EB1-7U7 | Nut. | M16 | 1 | pcs | 805.5616 | SCAME |
| +EB1-7U8 | Gland. | M20 | 1 | pcs | 805.5420 | SCAME |
| +EB1-7U8 | Nut. | M20 | 1 | pcs | 805.5620 | SCAME |
| +EB1-7U9 | Gland. | M20 | 1 | pcs | 805.5420 | SCAME |
| +EB1-7U9 | Nut. | M20 | 1 | pcs | 805.5620 | SCAME |
| +EB1-7U10 | Gland. | M16 | 1 | pcs | 805.5416 | SCAME |
| +EB1-7U10 | Nut. | M16 | 1 | pcs | 805.5616 | SCAME |
| +EB1-7U11 | Gland. | M16 | 1 | pcs | 805.5416 | SCAME |
| +EB1-7U11 | Nut. | M16 | 1 | pcs | 805.5616 | SCAME |
| +EB1-7U12 | Gland. | M16 | 1 | pcs | 805.5416 | SCAME |
| +EB1-7U12 | Nut. | M16 | 1 | pcs | 805.5616 | SCAME |
| +EB1-7U13 | Gland. | M16 | 1 | pcs | 805.5416 | SCAME |
| +EB1-7U13 | Nut. | M16 | 1 | pcs | 805.5616 | SCAME |
| +EB1-7U14 | Gland. | M16 | 1 | pcs | 805.5416 | SCAME |
| +EB1-7U14 | Nut. | M16 | 1 | pcs | 805.5616 | SCAME |
| +EB1-7U15 | Gland. | M16 | 1 | pcs | 805.5416 | SCAME |
| +EB1-7U15 | Nut. | M16 | 1 | pcs | 805.5616 | SCAME |
| +EB1-9U1 | Perforated tray PVC. | VKD 37,5x50 | 173 | mm | VKD š/v 37,5x50 - NP 48207 | Nowaplast |
| +EB1-9U2 | Perforated tray PVC. | VKD 37,5x50 | 511 | mm | VKD š/v 37,5x50 - NP 48207 | Nowaplast |
| +EB1-9U3 | Perforated DIN bar. | TS 35x7,5 | 549 | mm | 0514500000. TS 35x7,5. | Weidmüller |
| +EB1-9U4 | Perforated tray PVC. | VKD 37,5x50 | 473 | mm | VKD š/v 37,5x50 - NP 48207 | Nowaplast |
| +EB1-9U5 | Perforated DIN bar. | TS 35x7,5 | 473 | mm | 0514500000. TS 35x7,5. | Weidmüller |
| +EB1-9U6 | Perforated tray PVC. | VKD 37,5x50 | 142 | mm | VKD š/v 37,5x50 - NP 48207 | Nowaplast |
| +EB1-9U7 | Perforated tray PVC. | VKD 37,5x50 | 396 | mm | VKD š/v 37,5x50 - NP 48207 | Nowaplast |
| +EB1-9U8 | Perforated DIN bar. | TS 35x7,5 | 358 | mm | 0514500000. TS 35x7,5. | Weidmüller |
| +EB1-9U9 | Perforated tray PVC. | VKD 37,5x50 | 353 | mm | VKD š/v 37,5x50 - NP 48207 | Nowaplast |
| +EB1-9U10 | Perforated tray PVC. | VKD 25x37,5 | 500 | mm | VKD š/v 25x37,5 | Nowaplast |
| +EB1-9U10 | Screw for metal plates. | 5,5x13 - DIN 7981C | 5 | pcs | skrutka do plechu 5,5x13 - DIN 7981C Zn | ??? |
| +EB1-9U10 | Big washer. | DIN9021 M5 | 5 | pcs | DIN9021. M5. Zn. | ??? |
| +EB1-9U10 | Mounting brace. | 2326.000 | 1 | pcs | SZ2326.000 | Rittal |
| +EB1-9U10 | Screw for metal plates. | 4,8x9,5 - DIN 7981C | 2 | pcs | skrutka do plechu 4,8x9,5 - DIN 7981C Zn | ??? |
| +EB1-9U10 | Serrated lock washer. | DIN6798A M4 | 2 | pcs | DIN6798A. M4. Zn. | ??? |
| +EB1-9U11 | Perforated tray PVC. | VKD 25x37,5 | 500 | mm | VKD š/v 25x37,5 | Nowaplast |
| +EB1-9U11 | Screw for metal plates. | 5,5x13 - DIN 7981C | 5 | pcs | skrutka do plechu 5,5x13 - DIN 7981C Zn | ??? |

39.2

39.4



Packaging line.
End User Client

Parts list.

| | | | |
|--------------------------|------------------|------------|--------------------|
| Creator | V00 | 01.04.2014 | Ing. Tisovčík Ivan |
| Last revision of project | | | |
| Last revision of page | | | |
| M = 1 : 1 | Kusovník artiklů | 11.05.2015 | WUP0U34409 |

= 9425

+ XXXIX

39.3

Parts list.

TIE_F01_Zak_Prs_ALL_V01

| Full designation | Name | Type number | Quantity | Unit | Order number. | Manufacturer |
|------------------|--|---------------------|----------|------|--|--------------|
| +EB1-9U11 | Big washer. | DIN9021 M5 | 5 | pcs | DIN9021. M5. Zn. | ??? |
| +EB1-9U11 | Mounting brace. | 2326.000 | 1 | pcs | SZ2326.000 | Rittal |
| +EB1-9U11 | Screw for metal plates. | 4,8x9,5 - DIN 7981C | 2 | pcs | skrutka do plechu 4,8x9,5 - DIN 7981C Zn | ??? |
| +EB1-9U11 | Serrated lock washer. | DIN6798A M4 | 2 | pcs | DIN6798A. M4. Zn. | ??? |
| +EB1-9U12 | Perforated tray PVC. | VKD 25x37,5 | 500 | mm | VKD š/v 25x37,5 | Nowaplast |
| +EB1-9U12 | Screw for metal plates. | 5,5x13 - DIN 7981C | 5 | pcs | skrutka do plechu 5,5x13 - DIN 7981C Zn | ??? |
| +EB1-9U12 | Big washer. | DIN9021 M5 | 5 | pcs | DIN9021. M5. Zn. | ??? |
| +EB1-9U12 | Mounting brace. | 2326.000 | 1 | pcs | SZ2326.000 | Rittal |
| +EB1-9U12 | Screw for metal plates. | 4,8x9,5 - DIN 7981C | 2 | pcs | skrutka do plechu 4,8x9,5 - DIN 7981C Zn | ??? |
| +EB1-9U12 | Serrated lock washer. | DIN6798A M4 | 2 | pcs | DIN6798A. M4. Zn. | ??? |
| +EB1-22V1 | Surge protection. | DA-275V/3+1 | 1 | pcs | 8595090518488. DA-275V / 3+1 | SALTEK |
| +EB1-26V1 | Safety module. | XPS AC 5121 | 1 | pcs | XPS AC 5121 | Schneider |
| +EB1-22W1 | Cable. 300/500V. | 3G 1,0 | 1 | m | 00100424; CLASSIC 100; 3G 1,0 | LAPP |
| +EB1-X1 | Horizontal marking. | DEK5 "U,V,W,N,PE" | 10 | pcs | 0558360000. DEK5 "UVWNPE" | Weidmüller |
| +EB1-X1 | | | 0 | | | |
| +EB1-X1 | End clamp. | WEW 35/2 | 2 | pcs | 1061200000. WEW 35/2 | Weidmüller |
| +EB1-X1 | White cover. | WAD 8 WH | 1 | pcs | 1112940000. WAD 8 | Weidmüller |
| +EB1-X1 | Terminal. Terraced. | WDU 4 | 3 | pcs | 1020100000. WDU 4 | Weidmüller |
| +EB1-X1 | Yellow covering with a lightning symbol. | WAD 5 YE | 3 | pcs | 1053460000. WAD 5 | Weidmüller |
| +EB1-X1 | Terminal. Terraced. | WDU 4 BL | 1 | pcs | 1020180000. WDU 4 BL | Weidmüller |
| +EB1-X1 | Horizontal marking. | DEK5 "N" | 2 | pcs | 0522761034. DEK5 "N" | Weidmüller |
| +EB1-X1 | Terminal. Terraced. PE. | WPE 4 | 1 | pcs | 1010100000. WPE 4 | Weidmüller |
| +EB1-X1 | Horizontal marking. | DEK5 "PE" | 2 | pcs | 0537261187. DEK5 "PE" | Weidmüller |
| +EB1-X2 | Horizontal marking. | DEK5 "1-10" | 20 | pcs | 0523060001. DEK5 "1-10" | Weidmüller |
| +EB1-X2 | | | 0 | | | |
| +EB1-X2 | End clamp. | WEW 35/2 | 2 | pcs | 1061200000. WEW 35/2 | Weidmüller |
| +EB1-X2 | White cover. | WAD 8 WH | 1 | pcs | 1112940000. WAD 8 | Weidmüller |
| +EB1-X2 | Terminal. Terraced. | WDU 2,5 | 3 | pcs | 1020000000. WDU 2,5 | Weidmüller |
| +EB1-X2 | Terminal. Terraced. | WDU 2,5 BL | 3 | pcs | 1020080000. WDU 2,5 BL | Weidmüller |
| +EB1-X2 | Horizontal marking. | DEK5 "N" | 6 | pcs | 0522761034. DEK5 "N" | Weidmüller |
| +EB1-X2 | Terminal. Terraced. PE. | WPE 2,5 | 5 | pcs | 1010000000. WPE 2,5 | Weidmüller |
| +EB1-X2 | Horizontal marking. | DEK5 "PE" | 6 | pcs | 0537261187. DEK5 "PE" | Weidmüller |
| +EB1-X2 | Horizontal marking. | DEK5 "SH" | 4 | pcs | 1609801044. DEK5 "SH" | Weidmüller |
| +EB1-X3 | Horizontal marking. | DEK5 "11-20" | 20 | pcs | 0523060011. DEK5 "11-20" | Weidmüller |
| +EB1-X3 | Horizontal marking. | DEK5 "21-30" | 20 | pcs | 0523060021. DEK5 "21-30" | Weidmüller |
| +EB1-X3 | Horizontal marking. | DEK5 "31-40" | 20 | pcs | 0523060031. DEK5 "31-40" | Weidmüller |
| +EB1-X3 | | | 0 | | | |
| +EB1-X3 | End clamp. | WEW 35/2 | 2 | pcs | 1061200000. WEW 35/2 | Weidmüller |
| +EB1-X3 | White cover. | WAD 8 WH | 1 | pcs | 1112940000. WAD 8 | Weidmüller |
| +EB1-X3 | Terminal. Terraced. | WDU 2,5 | 28 | pcs | 1020000000. WDU 2,5 | Weidmüller |

Parts list.

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| Full designation | Name | Type number | Quantity | Unit | Order number. | Manufacturer |
|------------------|---|---------------------|----------|------|----------------------------------|--------------|
| +EB1-X7 | Horizontal marking. | DEK5 "+" | 1 | pcs | 0576261198. DEK5 "+" | Weidmüller |
| +EB1-X7 | Horizontal marking. | DEK5 "-" | 1 | pcs | 0576261199. DEK5 "-" | Weidmüller |
| +EB1-X7 | Horizontal marking. | DEK5 "PE" | 1 | pcs | 0537261187. DEK5 "PE" | Weidmüller |
| +EB1-X7 | Horizontal marking. | DEK5 "41-50" | 20 | pcs | 0523060041. DEK5 "41-50" | Weidmüller |
| +EB1-X7 | | | 0 | | | |
| +EB1-X7 | End clamp. | WEW 35/2 | 2 | pcs | 1061200000. WEW 35/2 | Weidmüller |
| +EB1-X7 | White cover. | WAD 8 WH | 1 | pcs | 1112940000. WAD 8 | Weidmüller |
| +EB1-X7 | Terminal. Basic module. PE. | ZIA4-PE | 1 | pcs | 1652030000. ZIA 1,5/4L-PE | Weidmüller |
| +EB1-X7 | Terminal. PE. | ZVL-PE | 6 | pcs | 1651970000. ZVL 1,5 PE | Weidmüller |
| +EB1-X7 | Terminal. Blue. | ZVL-BL | 6 | pcs | 1650360000. ZVL 1,5 BL | Weidmüller |
| +EB1-X7 | Terminal. Brown. | ZVL-BR | 6 | pcs | 1650370000. ZVL 1,5 BR | Weidmüller |
| +EB1-X7 | Horizontal marking. | DEK5 "A" | 2 | pcs | 0522761021. DEK5 "A" | Weidmüller |
| +EB1-X7 | Terminal. Basic module. | ZIA4 | 5 | pcs | 1652010000. ZIA 1,5/4L-1S | Weidmüller |
| +EB1-X7 | Side board. | ZAP/TW - ZIA 1,5/4L | 1 | pcs | 1649550000. ZAP/TW ZIA 1,5/4L | Weidmüller |
| +EB1-23X1 | Horizontal marking. | DEK5 "1-10" | 20 | pcs | 0523060001. DEK5 "1-10" | Weidmüller |
| +EB1-23X1 | | | 0 | | | |
| +EB1-23X1 | End clamp. | WEW 35/2 | 2 | pcs | 1061200000. WEW 35/2 | Weidmüller |
| +EB1-23X1 | White cover. | WAD 8 WH | 1 | pcs | 1112940000. WAD 8 | Weidmüller |
| +EB1-23X1 | Terminal. Terraced. PE. | WPE 2,5 | 1 | pcs | 1010000000. WPE 2,5 | Weidmüller |
| +EB1-23X1 | Horizontal marking. | DEK5 "PE" | 2 | pcs | 0537261187. DEK5 "PE" | Weidmüller |
| +EB1-23X1 | Double level terminal. | WDK-ZQV | 4 | pcs | 1041100000. WDK 2,5 ZQV. | Weidmüller |
| +EB1-23X1 | low changer 4P | ZQV 2,5N/4 | 1 | pcs | 171 792 0000 - ZQV 2,5N/4 RT | Weidmüller |
| +EB1-23X1 | low changer 4P | ZQV 2,5N/4 | 1 | pcs | 171 801 0000 - ZQV 2,5N/4 BL | Weidmüller |
| +EB1-23X1 | Side board. | WAP WDK 2,5 | 1 | pcs | 1059100000. WAP WDK 2,5 | Weidmüller |
| +OB1-1 | Box. PVC. YE. | XAL K01 | 1 | pcs | XAL K01 | Schneider |
| +OB1-2 | Box. PVC. YE. | XAL K01 | 1 | pcs | XAL K01 | Schneider |
| +OB1-H1 | Support. 420mm. | XVBZ03 | 1 | pcs | XVBZ03 | Schneider |
| +OB1-H1 | Sleeve. Cover. | XVBC21 | 1 | pcs | XVBC21 | Schneider |
| +OB1-H1 | Buzzer. 90dB. | XVBC9B | 1 | pcs | XVBC9B | Schneider |
| +OB1-H1 | Lamp. LED. GN. | XVBC2B3 | 1 | pcs | XVBC2B3 | Schneider |
| +OB1-H1 | Lamp. LED. RD. | XVBC2B4 | 1 | pcs | XVBC2B4 | Schneider |
| +OB1-26S1 | Control head. Mushroom Push Button. RD. | ZB5 AS 844 | 1 | pcs | ZB5 AS 844 | Schneider |
| +OB1-26S1 | Switching unit. NC. | ZEN L1121 | 2 | pcs | ZEN L1121 | Schneider |
| +OB1-26S2 | Control head. Mushroom Push Button. RD. | ZB5 AS 844 | 1 | pcs | ZB5 AS 844 | Schneider |
| +OB1-26S2 | Switching unit. NC. | ZEN L1121 | 2 | pcs | ZEN L1121 | Schneider |
| +OB1-7U1 | Gland. | M16 | 1 | pcs | SZ2411.610 | Rittal |
| +OB1-7U2 | Gland. | M16 | 1 | pcs | SZ2411.610 | Rittal |
| +CR1-26W1 | Cable. | 4X 0,5 | 1 | m | 0028504. Unitronic. LiYY. 4X 0,5 | LAPP |
| +CR1-26W2 | Cable. | 4X 0,5 | 1 | m | 0028504. Unitronic. LiYY. 4X 0,5 | LAPP |
| +CR1-31W1 | Shielded cable. 450/750V. | 3G 1,5 | 1 | m | 0035458; CLASSIC 100 CY; 3G 1,5 | LAPP |

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39.6



Packaging line.
End User Client

Parts list.

Creator V00 01.04.2014 Ing. Tisovčík Ivan
Last revision of project
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Parts list.

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| Full designation | Name | Type number | Quantity | Unit | Order number. | Manufacturer |
|------------------|---|--------------------|----------|------|----------------------------------|--------------|
| +CR1-31W2 | Cable. | 4X 0,5 | 1 | m | 0028504. Unitronic. LiYY. 4X 0,5 | LAPP |
| +CR1-32W1 | Shielded cable. 300/500V. | 4G 1,5 | 1 | m | 1135304; CLASSIC 110 CY; 4G 1,5 | LAPP |
| +CR1-33W1 | Shielded cable. 450/750V. | 3G 1,5 | 1 | m | 0035458; CLASSIC 100 CY; 3G 1,5 | LAPP |
| +CR1-33W2 | Cable. | 4X 0,5 | 1 | m | 0028504. Unitronic. LiYY. 4X 0,5 | LAPP |
| +CR1-41W1 | Cable. | 4X 0,5 | 1 | m | 0028504. Unitronic. LiYY. 4X 0,5 | LAPP |
| +CR1-80W1 | Cable. | 4X 0,5 | 1 | m | 0028504. Unitronic. LiYY. 4X 0,5 | LAPP |
| +CR1-87W1 | Cable. | 4X 0,5 | 1 | m | 0028504. Unitronic. LiYY. 4X 0,5 | LAPP |
| +CR1-41X1 | Connector. M12. 90°. | E11252 | 1 | pcs | E11252 | IFM |
| +EB2-1 | Distribution cabinet. | AE 1060 | 1 | pcs | AE1060.500 | Rittal |
| +EB2-11A1 | Programmable module. | LOGO 12/24RC | 1 | pcs | 6ED1052-1MD00-0BA6 | Siemens |
| +EB2-11A2 | Module. 4xDI. 4xDO. | LOGO DM8 24 | 1 | pcs | 6ED1055-1CB00-0BA0 | Siemens |
| +EB2-22A1 | Thermostat. | SK 3110 | 1 | pcs | SK3110.000 | Rittal |
| +EB2-22F1 | Circuit breaker. | C60N-B | 1 | pcs | 24092. C60N 3P 25A "B". | Schneider |
| +EB2-22F2 | Circuit breaker. | C60N-C | 1 | pcs | 24396. C60N 1P 2A "C". | Schneider |
| +EB2-23F1 | Circuit breaker. | C60N-C | 1 | pcs | 24401. C60N 1P 10A "C". | Schneider |
| +EB2-31F1 | Circuit breaker. | C60N-C | 1 | pcs | 24399. C60N 1P 6A "C". | Schneider |
| +EB2-32F1 | Circuit breaker. | C60N-C | 1 | pcs | 24404. C60N 1P 20A "C". | Schneider |
| +EB2-33F1 | Circuit breaker. | C60N-C | 1 | pcs | 24399. C60N 1P 6A "C". | Schneider |
| +EB2-23G1 | Source. 24VDC. | LOGO Power | 1 | pcs | 6EP1332-1SH52 | Siemens |
| +EB2-32G1 | Converter. 1x230V. | ESMD152X2SFA | 1 | pcs | ESMD152X2SFA. 1x230V. 1,50kW | Lenze |
| +EB2-87H1 | Control panel. | LOGO TD | 1 | pcs | 6ED1055-4MH00-0BA0 | Siemens |
| +EB2-87H2 | Indicator. WH. LED. | ZB5 AV 013 | 1 | pcs | ZB5 AV 013 | Schneider |
| +EB2-87H2 | label 18x27 | ZBZ 33 | 1 | pcs | ZBZ 33 | Schneider |
| +EB2-87H2 | Connector. | ZB5 AZ009 | 1 | pcs | ZB5 AZ009 | Schneider |
| +EB2-87H2 | LED. 24V. WH. | ZBV B1 | 1 | pcs | ZBV B1 | Schneider |
| +EB2-26K1 | Contacto. | LC1 D25 | 1 | pcs | LC1 D25 BD | Schneider |
| +EB2-31K1 | Relay. 1P. | TRS 24VDC | 1 | pcs | 1122770000. TRS 24VDC 1CO | Weidmüller |
| +EB2-31K1 | Jumper. | ZQV 1,5N/R6,4/10RT | 1 | pcs | 1391640000. ZQV 1,5N/R6,4/10RT. | Weidmüller |
| +EB2-31K1 | Jumper. | ZQV 1,5N/R6,4/10BL | 1 | pcs | 1390350000. ZQV 1,5N/R6,4/10BL. | Weidmüller |
| +EB2-32K1 | Relay. 1P. | TRS 24VDC | 1 | pcs | 1122770000. TRS 24VDC 1CO | Weidmüller |
| +EB2-32K2 | Relay. 1P. | TRS 24VDC | 1 | pcs | 1122770000. TRS 24VDC 1CO | Weidmüller |
| +EB2-33K1 | Relay. 1P. | TRS 24VDC | 1 | pcs | 1122770000. TRS 24VDC 1CO | Weidmüller |
| +EB2-87K1 | Relay. 1P. | TRS 24VDC | 1 | pcs | 1122770000. TRS 24VDC 1CO | Weidmüller |
| +EB2-87K2 | Relay. 1P. | TRS 24VDC | 1 | pcs | 1122770000. TRS 24VDC 1CO | Weidmüller |
| +EB2-87K3 | Relay. 1P. | TRS 24VDC | 1 | pcs | 1122770000. TRS 24VDC 1CO | Weidmüller |
| +EB2-87K4 | Relay. 1P. | TRS 24VDC | 1 | pcs | 1122770000. TRS 24VDC 1CO | Weidmüller |
| +EB2-22M1 | Ventilator. 230V. | 3238.100 | 1 | pcs | SK 3238.100 | Rittal |
| +EB2-22M1 | The output filter. | 3238.200 | 1 | pcs | SK 3238.200 | Rittal |
| +EB2-20Q1 | Power disconnecto. | VCF0 | 1 | pcs | VARIO. VCF0. | Schneider |
| +EB2-26S1 | Control head. Mushroom Push Button. RD. | ZB5 AS 844 | 1 | pcs | ZB5 AS 844 | Schneider |

Parts list.

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| Full designation | Name | Type number | Quantity | Unit | Order number. | Manufacturer |
|------------------|-------------------------------|-------------|----------|------|---------------|--------------|
| +EB2-26S1 | label EMERGENCY STOP | ZBY 9330 | 1 | pcs | ZBY 9330 | Schneider |
| +EB2-26S1 | Connector. | ZB5 AZ009 | 1 | pcs | ZB5 AZ009 | Schneider |
| +EB2-26S1 | Switching unit. NC. | ZBE 102 | 2 | pcs | ZBE 102 | Schneider |
| +EB2-26S2 | Backlit press key. WH. LED. | ZB5 AW 313 | 1 | pcs | ZB5 AW 313 | Schneider |
| +EB2-26S2 | LED. 24V. WH. | ZBV B1 | 1 | pcs | ZBV B1 | Schneider |
| +EB2-26S2 | label 18x27 | ZBZ 33 | 1 | pcs | ZBZ 33 | Schneider |
| +EB2-26S2 | Connector. | ZB5 AZ009 | 1 | pcs | ZB5 AZ009 | Schneider |
| +EB2-26S2 | Switching unit. NO. | ZBE 101 | 1 | pcs | ZBE 101 | Schneider |
| +EB2-87S1 | Rotary switch. BK. | ZB5 AD2 | 1 | pcs | ZB5AD2 | Schneider |
| +EB2-87S1 | label 18x27 | ZBZ 33 | 1 | pcs | ZBZ 33 | Schneider |
| +EB2-87S1 | Connector. | ZB5 AZ009 | 1 | pcs | ZB5 AZ009 | Schneider |
| +EB2-87S1 | Switching unit. NO. | ZBE 101 | 1 | pcs | ZBE 101 | Schneider |
| +EB2-87S2 | Backlit press key. WH. LED. | ZB5 AW 313 | 1 | pcs | ZB5 AW 313 | Schneider |
| +EB2-87S2 | LED. 24V. WH. | ZBV B1 | 1 | pcs | ZBV B1 | Schneider |
| +EB2-87S2 | label 18x27 | ZBZ 33 | 1 | pcs | ZBZ 33 | Schneider |
| +EB2-87S2 | Connector. | ZB5 AZ009 | 1 | pcs | ZB5 AZ009 | Schneider |
| +EB2-87S2 | Switching unit. NO. | ZBE 101 | 1 | pcs | ZBE 101 | Schneider |
| +EB2-87S3 | Press key. Without fretboard. | ZB5 AA | 1 | pcs | ZB5 AA0 | Schneider |
| +EB2-87S3 | Button. Black. | ZBA 2 | 1 | pcs | ZBA 2 | Schneider |
| +EB2-87S3 | label 18x27 | ZBZ 33 | 1 | pcs | ZBZ 33 | Schneider |
| +EB2-87S3 | Connector. | ZB5 AZ009 | 1 | pcs | ZB5 AZ009 | Schneider |
| +EB2-87S3 | Switching unit. NC. | ZBE 102 | 1 | pcs | ZBE 102 | Schneider |
| +EB2-87S4 | Press key. Without fretboard. | ZB5 AA | 1 | pcs | ZB5 AA0 | Schneider |
| +EB2-87S4 | Button. | ZBA 6 | 1 | pcs | ZBA 6 | Schneider |
| +EB2-87S4 | label 18x27 | ZBZ 33 | 1 | pcs | ZBZ 33 | Schneider |
| +EB2-87S4 | Connector. | ZB5 AZ009 | 1 | pcs | ZB5 AZ009 | Schneider |
| +EB2-87S4 | Switching unit. NO. | ZBE 101 | 1 | pcs | ZBE 101 | Schneider |
| +EB2-0U1 | Isolated bridge. | N15 | 1 | pcs | 11123. N15 | OEZ |
| +EB2-1U1 | Isolated bridge. | PE15 | 1 | pcs | 11126. PE15 | OEZ |
| +EB2-7U1 | Gland. | M25 | 1 | pcs | 805.5425 | SCAME |
| +EB2-7U1 | Nut. | M25 | 1 | pcs | 805.5625 | SCAME |
| +EB2-7U2 | Gland. | M16 | 1 | pcs | 805.5416 | SCAME |
| +EB2-7U2 | Nut. | M16 | 1 | pcs | 805.5616 | SCAME |
| +EB2-7U3 | Gland. | M16 | 1 | pcs | 805.5416 | SCAME |
| +EB2-7U3 | Nut. | M16 | 1 | pcs | 805.5616 | SCAME |
| +EB2-7U4 | Gland. | M16 | 1 | pcs | 805.5416 | SCAME |
| +EB2-7U4 | Nut. | M16 | 1 | pcs | 805.5616 | SCAME |
| +EB2-7U5 | Gland. | M16 | 1 | pcs | 805.5416 | SCAME |
| +EB2-7U5 | Nut. | M16 | 1 | pcs | 805.5616 | SCAME |
| +EB2-7U6 | Gland. | M20 | 1 | pcs | 805.5420 | SCAME |

Parts list.

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| Full designation | Name | Type number | Quantity | Unit | Order number. | Manufacturer |
|------------------|-------------------------|---------------------|----------|------|--|--------------|
| +EB2-7U6 | Nut. | M20 | 1 | pcs | 805.5620 | SCAME |
| +EB2-7U7 | Gland. | M16 | 1 | pcs | 805.5416 | SCAME |
| +EB2-7U7 | Nut. | M16 | 1 | pcs | 805.5616 | SCAME |
| +EB2-7U8 | Gland. | M20 | 1 | pcs | 805.5420 | SCAME |
| +EB2-7U8 | Nut. | M20 | 1 | pcs | 805.5620 | SCAME |
| +EB2-7U9 | Gland. | M20 | 1 | pcs | 805.5420 | SCAME |
| +EB2-7U9 | Nut. | M20 | 1 | pcs | 805.5620 | SCAME |
| +EB2-7U10 | Gland. | M16 | 1 | pcs | 805.5416 | SCAME |
| +EB2-7U10 | Nut. | M16 | 1 | pcs | 805.5616 | SCAME |
| +EB2-7U11 | Gland. | M16 | 1 | pcs | 805.5416 | SCAME |
| +EB2-7U11 | Nut. | M16 | 1 | pcs | 805.5616 | SCAME |
| +EB2-7U12 | Gland. | M16 | 1 | pcs | 805.5416 | SCAME |
| +EB2-7U12 | Nut. | M16 | 1 | pcs | 805.5616 | SCAME |
| +EB2-7U13 | Gland. | M16 | 1 | pcs | 805.5416 | SCAME |
| +EB2-7U13 | Nut. | M16 | 1 | pcs | 805.5616 | SCAME |
| +EB2-7U14 | Gland. | M16 | 1 | pcs | 805.5416 | SCAME |
| +EB2-7U14 | Nut. | M16 | 1 | pcs | 805.5616 | SCAME |
| +EB2-7U15 | Gland. | M16 | 1 | pcs | 805.5416 | SCAME |
| +EB2-7U15 | Nut. | M16 | 1 | pcs | 805.5616 | SCAME |
| +EB2-9U1 | Perforated tray PVC. | VKD 37,5x50 | 173 | mm | VKD š/v 37,5x50 - NP 48207 | Nowaplast |
| +EB2-9U2 | Perforated tray PVC. | VKD 37,5x50 | 511 | mm | VKD š/v 37,5x50 - NP 48207 | Nowaplast |
| +EB2-9U3 | Perforated DIN bar. | TS 35x7,5 | 549 | mm | 0514500000. TS 35x7,5. | Weidmüller |
| +EB2-9U4 | Perforated tray PVC. | VKD 37,5x50 | 473 | mm | VKD š/v 37,5x50 - NP 48207 | Nowaplast |
| +EB2-9U5 | Perforated DIN bar. | TS 35x7,5 | 473 | mm | 0514500000. TS 35x7,5. | Weidmüller |
| +EB2-9U6 | Perforated tray PVC. | VKD 37,5x50 | 142 | mm | VKD š/v 37,5x50 - NP 48207 | Nowaplast |
| +EB2-9U7 | Perforated tray PVC. | VKD 37,5x50 | 396 | mm | VKD š/v 37,5x50 - NP 48207 | Nowaplast |
| +EB2-9U8 | Perforated DIN bar. | TS 35x7,5 | 358 | mm | 0514500000. TS 35x7,5. | Weidmüller |
| +EB2-9U9 | Perforated tray PVC. | VKD 37,5x50 | 353 | mm | VKD š/v 37,5x50 - NP 48207 | Nowaplast |
| +EB2-9U10 | Perforated tray PVC. | VKD 25x37,5 | 500 | mm | VKD š/v 25x37,5 | Nowaplast |
| +EB2-9U10 | Screw for metal plates. | 5,5x13 - DIN 7981C | 5 | pcs | skrutka do plechu 5,5x13 - DIN 7981C Zn | ??? |
| +EB2-9U10 | Big washer. | DIN9021 M5 | 5 | pcs | DIN9021. M5. Zn. | ??? |
| +EB2-9U10 | Mounting brace. | 2326.000 | 1 | pcs | SZ2326.000 | Rittal |
| +EB2-9U10 | Screw for metal plates. | 4,8x9,5 - DIN 7981C | 2 | pcs | skrutka do plechu 4,8x9,5 - DIN 7981C Zn | ??? |
| +EB2-9U10 | Serrated lock washer. | DIN6798A M4 | 2 | pcs | DIN6798A. M4. Zn. | ??? |
| +EB2-9U11 | Perforated tray PVC. | VKD 25x37,5 | 500 | mm | VKD š/v 25x37,5 | Nowaplast |
| +EB2-9U11 | Screw for metal plates. | 5,5x13 - DIN 7981C | 5 | pcs | skrutka do plechu 5,5x13 - DIN 7981C Zn | ??? |
| +EB2-9U11 | Big washer. | DIN9021 M5 | 5 | pcs | DIN9021. M5. Zn. | ??? |
| +EB2-9U11 | Mounting brace. | 2326.000 | 1 | pcs | SZ2326.000 | Rittal |
| +EB2-9U11 | Screw for metal plates. | 4,8x9,5 - DIN 7981C | 2 | pcs | skrutka do plechu 4,8x9,5 - DIN 7981C Zn | ??? |
| +EB2-9U11 | Serrated lock washer. | DIN6798A M4 | 2 | pcs | DIN6798A. M4. Zn. | ??? |

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Packaging line.
End User Client

Parts list.

| | | | |
|--------------------------|------------------|------------|--------------------|
| Creator | V00 | 01.04.2014 | Ing. Tisovčík Ivan |
| Last revision of project | | | |
| Last revision of page | | | |
| M = 1 : 1 | Kusovník artiklů | 11.05.2015 | WUP0U34409 |

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Parts list.

TIE_F01_Zak_Prs_ALL_V01

| Full designation | Name | Type number | Quantity | Unit | Order number. | Manufacturer |
|------------------|--|---------------------|----------|------|--|--------------|
| +EB2-9U12 | Perforated tray PVC. | VKD 25x37,5 | 500 | mm | VKD š/v 25x37,5 | Nowaplast |
| +EB2-9U12 | Screw for metal plates. | 5,5x13 - DIN 7981C | 5 | pcs | skrutka do plechu 5,5x13 - DIN 7981C Zn | ??? |
| +EB2-9U12 | Big washer. | DIN9021 M5 | 5 | pcs | DIN9021. M5. Zn. | ??? |
| +EB2-9U12 | Mounting brace. | 2326.000 | 1 | pcs | SZ2326.000 | Rittal |
| +EB2-9U12 | Screw for metal plates. | 4,8x9,5 - DIN 7981C | 2 | pcs | skrutka do plechu 4,8x9,5 - DIN 7981C Zn | ??? |
| +EB2-9U12 | Serrated lock washer. | DIN6798A M4 | 2 | pcs | DIN6798A. M4. Zn. | ??? |
| +EB2-22V1 | Surge protection. | DA-275V/3+1 | 1 | pcs | 8595090518488. DA-275V / 3+1 | SALTEK |
| +EB2-26V1 | Safety module. | XPS AC 5121 | 1 | pcs | XPS AC 5121 | Schneider |
| +EB2-22W1 | Cable. 300/500V. | 3G 1,0 | 1 | m | 00100424; CLASSIC 100; 3G 1,0 | LAPP |
| +EB2-X1 | Horizontal marking. | DEK5 "U,V,W,N,PE" | 10 | pcs | 0558360000. DEK5 "UVWNPE" | Weidmüller |
| +EB2-X1 | | | 0 | | | |
| +EB2-X1 | End clamp. | WEW 35/2 | 2 | pcs | 1061200000. WEW 35/2 | Weidmüller |
| +EB2-X1 | White cover. | WAD 8 WH | 1 | pcs | 1112940000. WAD 8 | Weidmüller |
| +EB2-X1 | Terminal. Terraced. | WDU 4 | 3 | pcs | 1020100000. WDU 4 | Weidmüller |
| +EB2-X1 | Yellow covering with a lightning symbol. | WAD 5 YE | 3 | pcs | 1053460000. WAD 5 | Weidmüller |
| +EB2-X1 | Terminal. Terraced. | WDU 4 BL | 1 | pcs | 1020180000. WDU 4 BL | Weidmüller |
| +EB2-X1 | Horizontal marking. | DEK5 "N" | 2 | pcs | 0522761034. DEK5 "N" | Weidmüller |
| +EB2-X1 | Terminal. Terraced. PE. | WPE 4 | 1 | pcs | 1010100000. WPE 4 | Weidmüller |
| +EB2-X1 | Horizontal marking. | DEK5 "PE" | 2 | pcs | 0537261187. DEK5 "PE" | Weidmüller |
| +EB2-X2 | Horizontal marking. | DEK5 "1-10" | 20 | pcs | 0523060001. DEK5 "1-10" | Weidmüller |
| +EB2-X2 | | | 0 | | | |
| +EB2-X2 | End clamp. | WEW 35/2 | 2 | pcs | 1061200000. WEW 35/2 | Weidmüller |
| +EB2-X2 | White cover. | WAD 8 WH | 1 | pcs | 1112940000. WAD 8 | Weidmüller |
| +EB2-X2 | Terminal. Terraced. | WDU 2,5 | 3 | pcs | 1020000000. WDU 2,5 | Weidmüller |
| +EB2-X2 | Terminal. Terraced. | WDU 2,5 BL | 3 | pcs | 1020080000. WDU 2,5 BL | Weidmüller |
| +EB2-X2 | Horizontal marking. | DEK5 "N" | 6 | pcs | 0522761034. DEK5 "N" | Weidmüller |
| +EB2-X2 | Terminal. Terraced. PE. | WPE 2,5 | 5 | pcs | 1010000000. WPE 2,5 | Weidmüller |
| +EB2-X2 | Horizontal marking. | DEK5 "PE" | 6 | pcs | 0537261187. DEK5 "PE" | Weidmüller |
| +EB2-X2 | Horizontal marking. | DEK5 "SH" | 4 | pcs | 1609801044. DEK5 "SH" | Weidmüller |
| +EB2-X3 | Horizontal marking. | DEK5 "11-20" | 20 | pcs | 0523060011. DEK5 "11-20" | Weidmüller |
| +EB2-X3 | Horizontal marking. | DEK5 "21-30" | 20 | pcs | 0523060021. DEK5 "21-30" | Weidmüller |
| +EB2-X3 | Horizontal marking. | DEK5 "31-40" | 20 | pcs | 0523060031. DEK5 "31-40" | Weidmüller |
| +EB2-X3 | | | 0 | | | |
| +EB2-X3 | End clamp. | WEW 35/2 | 2 | pcs | 1061200000. WEW 35/2 | Weidmüller |
| +EB2-X3 | White cover. | WAD 8 WH | 1 | pcs | 1112940000. WAD 8 | Weidmüller |
| +EB2-X3 | Terminal. Terraced. | WDU 2,5 | 28 | pcs | 1020000000. WDU 2,5 | Weidmüller |
| +EB2-X7 | Horizontal marking. | DEK5 "+" | 1 | pcs | 0576261198. DEK5 "+" | Weidmüller |
| +EB2-X7 | Horizontal marking. | DEK5 "-" | 1 | pcs | 0576261199. DEK5 "-" | Weidmüller |
| +EB2-X7 | Horizontal marking. | DEK5 "PE" | 1 | pcs | 0537261187. DEK5 "PE" | Weidmüller |
| +EB2-X7 | Horizontal marking. | DEK5 "41-50" | 20 | pcs | 0523060041. DEK5 "41-50" | Weidmüller |

Parts list.

TIE_F01_Zak_Prs_ALL_V01

| Full designation | Name | Type number | Quantity | Unit | Order number. | Manufacturer |
|------------------|---|---------------------|----------|------|----------------------------------|--------------|
| +EB2-X7 | | | 0 | | | |
| +EB2-X7 | End clamp. | WEW 35/2 | 2 | pcs | 1061200000. WEW 35/2 | Weidmüller |
| +EB2-X7 | White cover. | WAD 8 WH | 1 | pcs | 1112940000. WAD 8 | Weidmüller |
| +EB2-X7 | Terminal. Basic module. PE. | ZIA4-PE | 1 | pcs | 1652030000. ZIA 1,5/4L-PE | Weidmüller |
| +EB2-X7 | Terminal. PE. | ZVL-PE | 6 | pcs | 1651970000. ZVL 1,5 PE | Weidmüller |
| +EB2-X7 | Terminal. Blue. | ZVL-BL | 6 | pcs | 1650360000. ZVL 1,5 BL | Weidmüller |
| +EB2-X7 | Terminal. Brown. | ZVL-BR | 6 | pcs | 1650370000. ZVL 1,5 BR | Weidmüller |
| +EB2-X7 | Horizontal marking. | DEK5 "A" | 2 | pcs | 0522761021. DEK5 "A" | Weidmüller |
| +EB2-X7 | Terminal. Basic module. | ZIA4 | 5 | pcs | 1652010000. ZIA 1,5/4L-1S | Weidmüller |
| +EB2-X7 | Side board. | ZAP/TW - ZIA 1,5/4L | 1 | pcs | 1649550000. ZAP/TW ZIA 1,5/4L | Weidmüller |
| +EB2-23X1 | Horizontal marking. | DEK5 "1-10" | 20 | pcs | 0523060001. DEK5 "1-10" | Weidmüller |
| +EB2-23X1 | | | 0 | | | |
| +EB2-23X1 | End clamp. | WEW 35/2 | 2 | pcs | 1061200000. WEW 35/2 | Weidmüller |
| +EB2-23X1 | White cover. | WAD 8 WH | 1 | pcs | 1112940000. WAD 8 | Weidmüller |
| +EB2-23X1 | Terminal. Terraced. PE. | WPE 2,5 | 1 | pcs | 1010000000. WPE 2,5 | Weidmüller |
| +EB2-23X1 | Horizontal marking. | DEK5 "PE" | 2 | pcs | 0537261187. DEK5 "PE" | Weidmüller |
| +EB2-23X1 | Double level terminal. | WDK-ZQV | 4 | pcs | 1041100000. WDK 2,5 ZQV. | Weidmüller |
| +EB2-23X1 | low changer 4P | ZQV 2,5N/4 | 1 | pcs | 171 792 0000 - ZQV 2,5N/4 RT | Weidmüller |
| +EB2-23X1 | low changer 4P | ZQV 2,5N/4 | 1 | pcs | 171 801 0000 - ZQV 2,5N/4 BL | Weidmüller |
| +EB2-23X1 | Side board. | WAP WDK 2,5 | 1 | pcs | 1059100000. WAP WDK 2,5 | Weidmüller |
| +OB2-1 | Box. PVC. YE. | XAL K01 | 1 | pcs | XAL K01 | Schneider |
| +OB2-2 | Box. PVC. YE. | XAL K01 | 1 | pcs | XAL K01 | Schneider |
| +OB2-H1 | Support. 420mm. | XVBZ03 | 1 | pcs | XVBZ03 | Schneider |
| +OB2-H1 | Sleeve. Cover. | XVBC21 | 1 | pcs | XVBC21 | Schneider |
| +OB2-H1 | Buzzer. 90dB. | XVBC9B | 1 | pcs | XVBC9B | Schneider |
| +OB2-H1 | Lamp. LED. GN. | XVBC2B3 | 1 | pcs | XVBC2B3 | Schneider |
| +OB2-H1 | Lamp. LED. RD. | XVBC2B4 | 1 | pcs | XVBC2B4 | Schneider |
| +OB2-26S1 | Control head. Mushroom Push Button. RD. | ZB5 AS 844 | 1 | pcs | ZB5 AS 844 | Schneider |
| +OB2-26S1 | Switching unit. NC. | ZEN L1121 | 2 | pcs | ZEN L1121 | Schneider |
| +OB2-26S2 | Control head. Mushroom Push Button. RD. | ZB5 AS 844 | 1 | pcs | ZB5 AS 844 | Schneider |
| +OB2-26S2 | Switching unit. NC. | ZEN L1121 | 2 | pcs | ZEN L1121 | Schneider |
| +OB2-7U1 | Gland. | M16 | 1 | pcs | SZ2411.610 | Rittal |
| +OB2-7U2 | Gland. | M16 | 1 | pcs | SZ2411.610 | Rittal |
| +CR2-26W1 | Cable. | 4X 0,5 | 1 | m | 0028504. Unitronic. LiYY. 4X 0,5 | LAPP |
| +CR2-26W2 | Cable. | 4X 0,5 | 1 | m | 0028504. Unitronic. LiYY. 4X 0,5 | LAPP |
| +CR2-31W1 | Shielded cable. 450/750V. | 3G 1,5 | 1 | m | 0035458; CLASSIC 100 CY; 3G 1,5 | LAPP |
| +CR2-31W2 | Cable. | 4X 0,5 | 1 | m | 0028504. Unitronic. LiYY. 4X 0,5 | LAPP |
| +CR2-32W1 | Shielded cable. 300/500V. | 4G 1,5 | 1 | m | 1135304; CLASSIC 110 CY; 4G 1,5 | LAPP |
| +CR2-33W1 | Shielded cable. 450/750V. | 3G 1,5 | 1 | m | 0035458; CLASSIC 100 CY; 3G 1,5 | LAPP |
| +CR2-33W2 | Cable. | 4X 0,5 | 1 | m | 0028504. Unitronic. LiYY. 4X 0,5 | LAPP |

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Packaging line.
End User Client

Parts list.

Creator V00 01.04.2014 Ing. Tisovčík Ivan
Last revision of project
Last revision of page
M = 1 : 1 Kusovník artiklů 11.05.2015 WUP0U34409

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