

JHI, USA

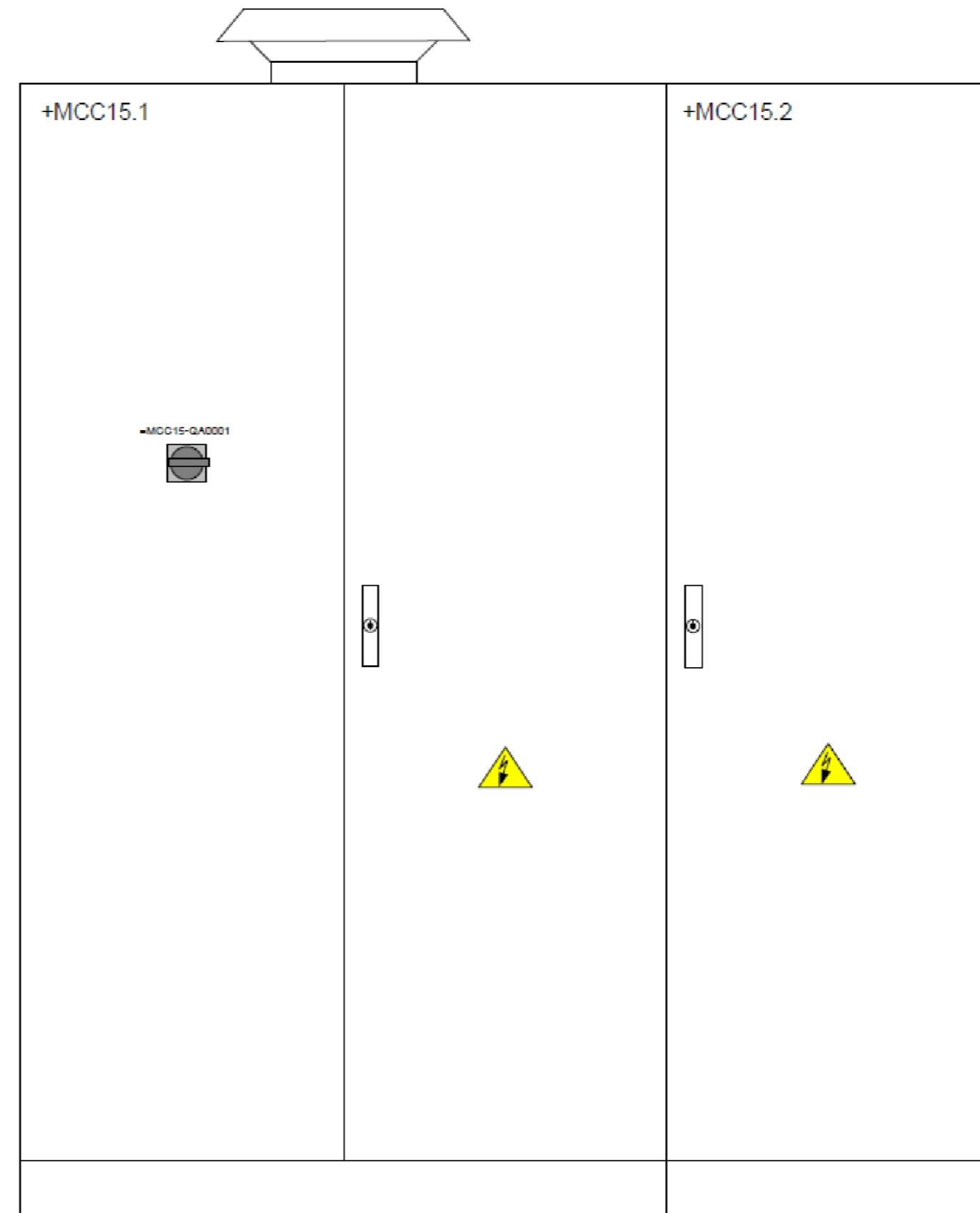
Fans for filter

+MCC15

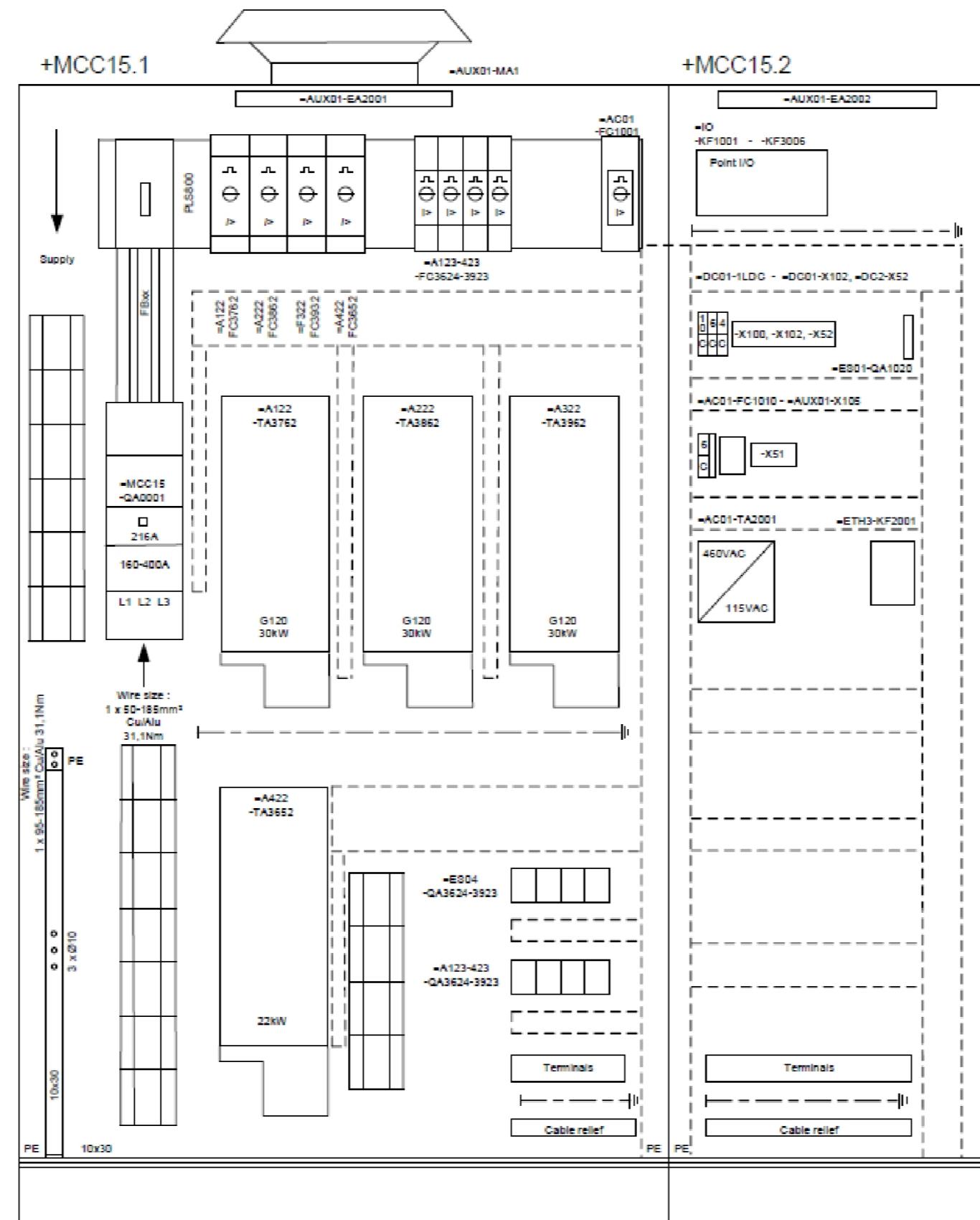


Dan-Web Machinery A/S > Røddikvej 82 > DK-8464 Galten > Tel. +45 87 43 95 00

0 1 2 3 4 5 6 7 8 9



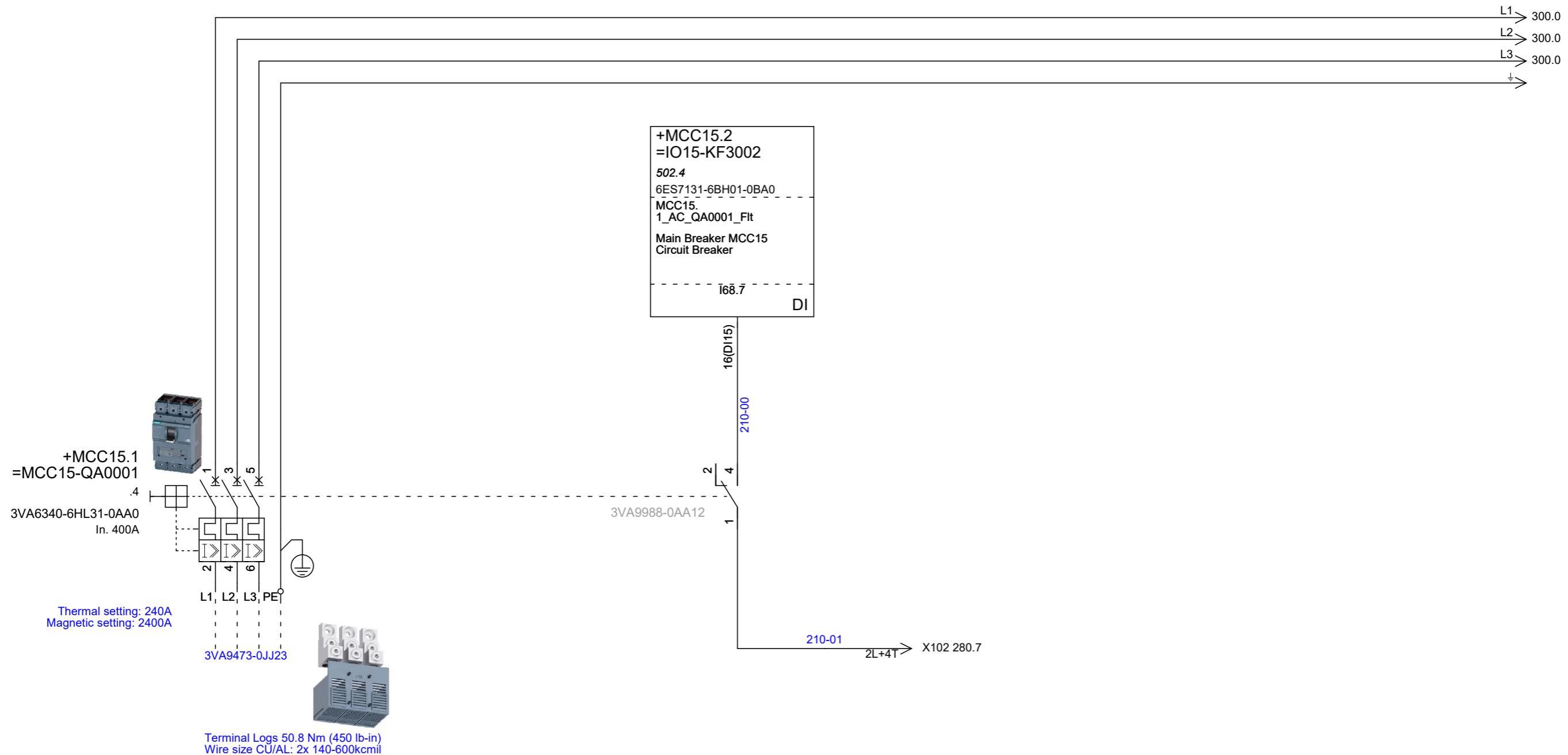
0 1 2 3 4 5 6 7 8 9



Power distribution



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Voltage 3x460V+PE 60Hz

Total FLA 112kW / 173A

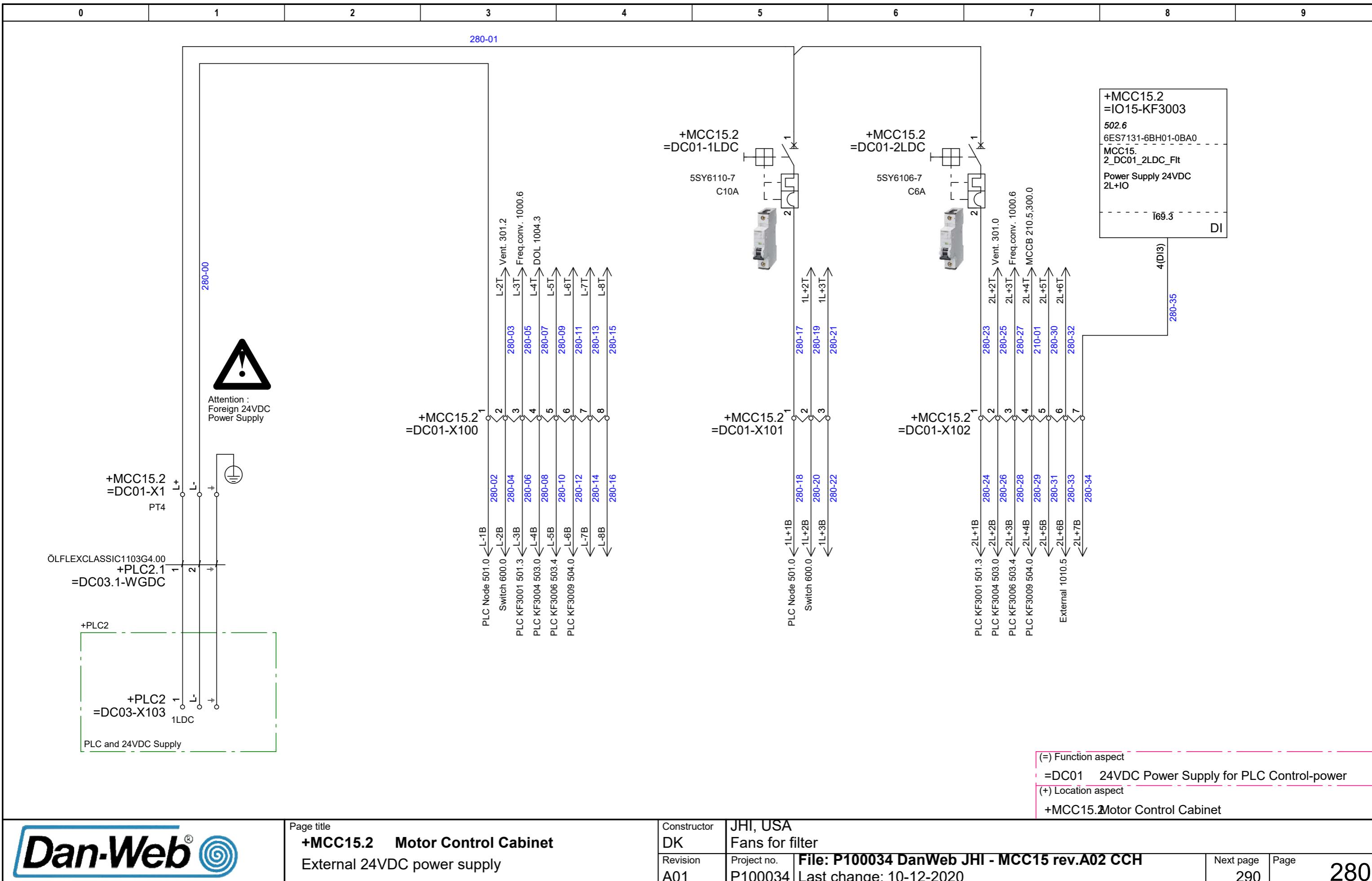
Largest motor FLA 30kW / 46A

Max. Short-circuit current 35kA

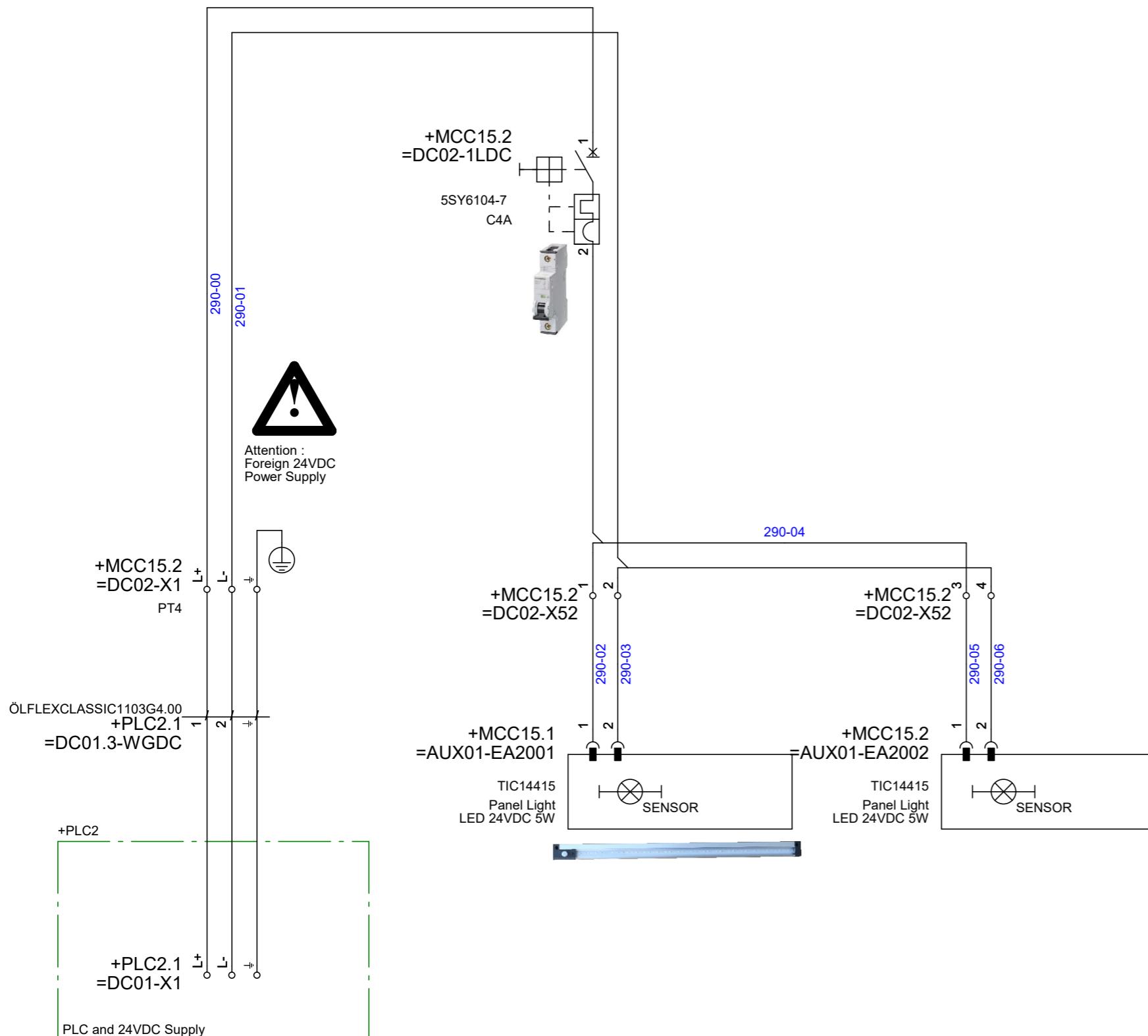
(=) Function aspect
 =MCC15 Main Power
 (+) Location aspect
 +MCC15.1 Motor Control Cabinet



24VDC Power Supply



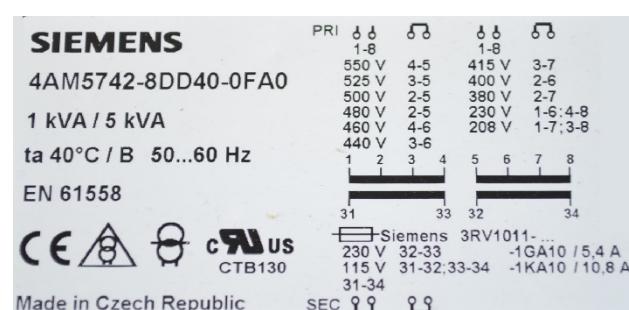
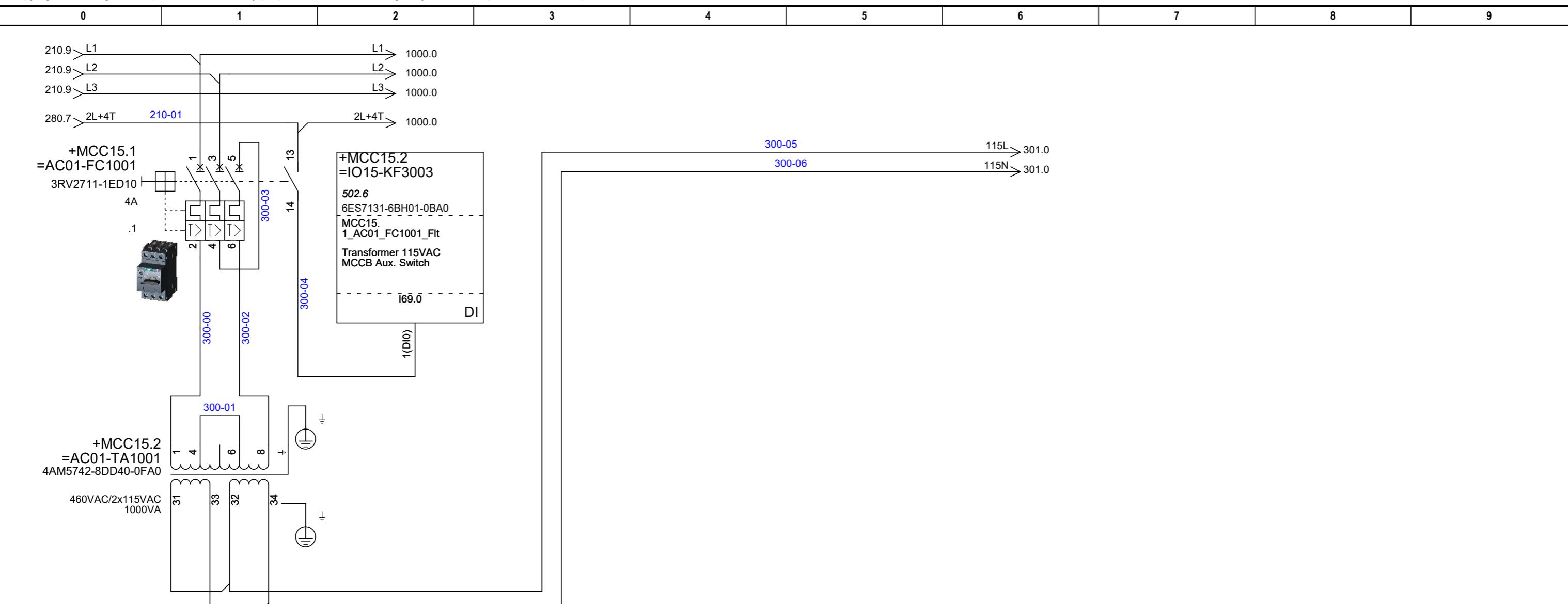
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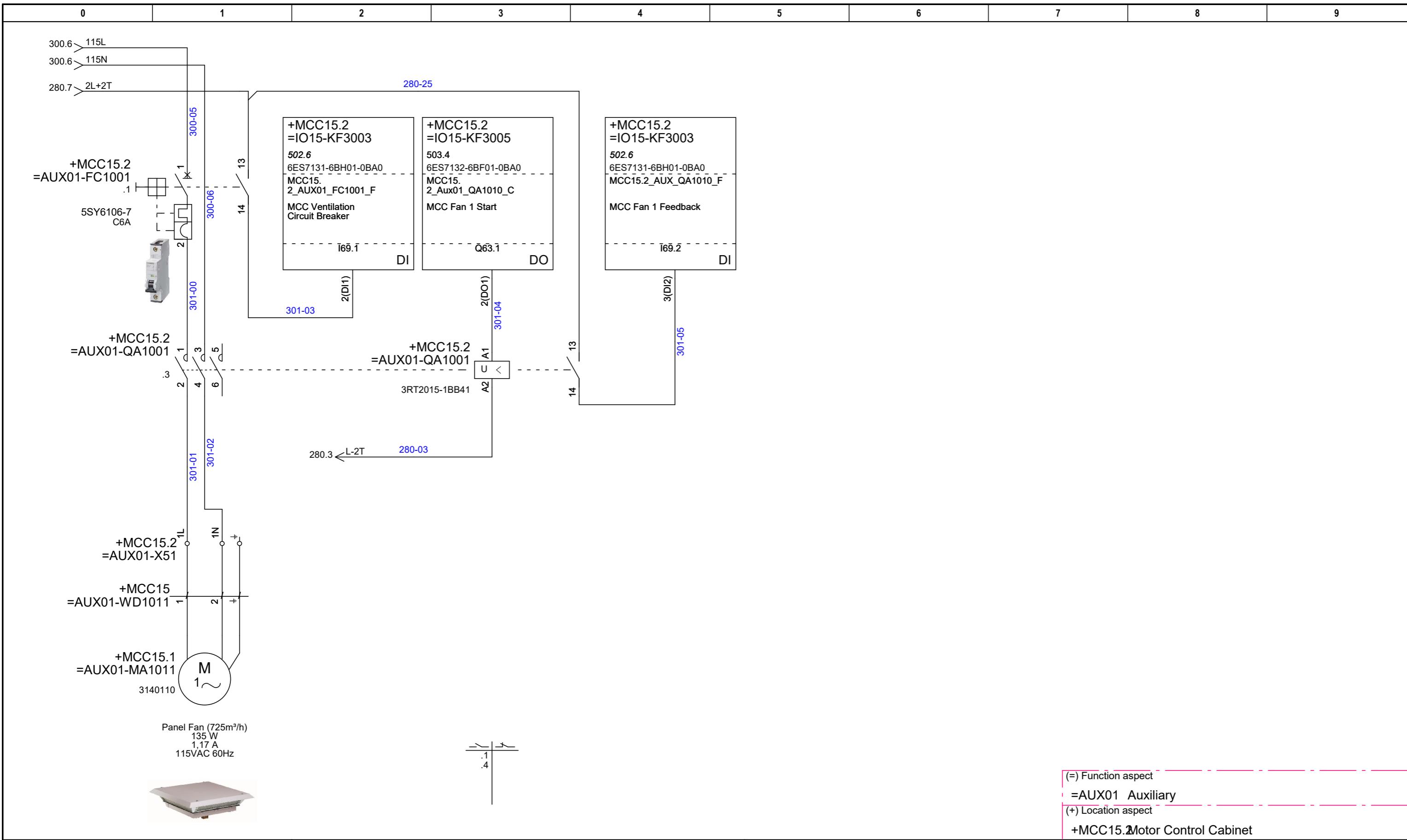
(=) Function aspect
 =DC02 24VDC Power Supply
 (+) Location aspect
 +MCC15.2 Motor Control Cabinet

115VAC Power Supply for Panel-fans



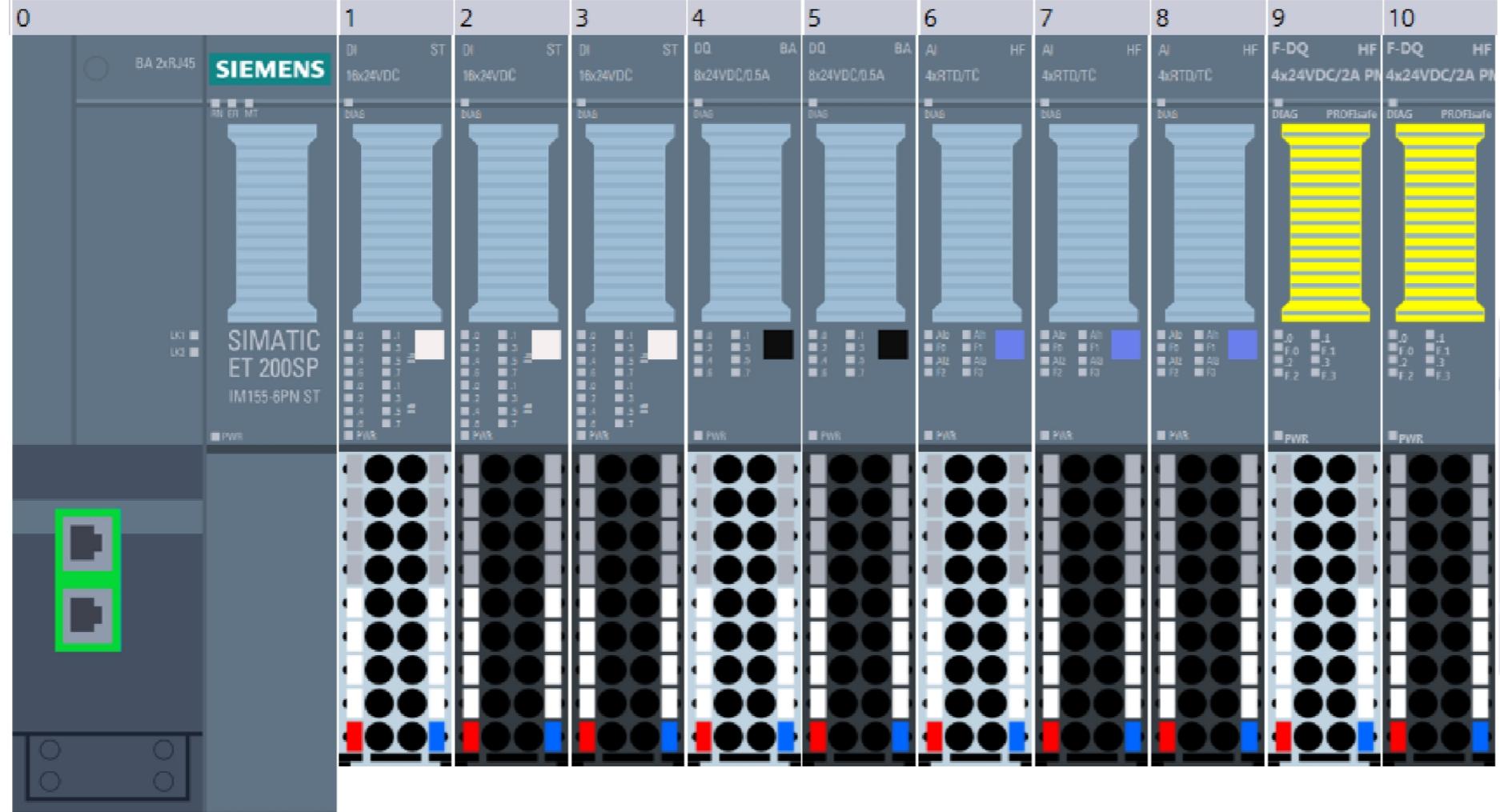


(=) Function aspect
 =AC01 115VAC Control Power for Panel-fans
 (+) Location aspect
 +MCC15.2 Motor Control Cabinet

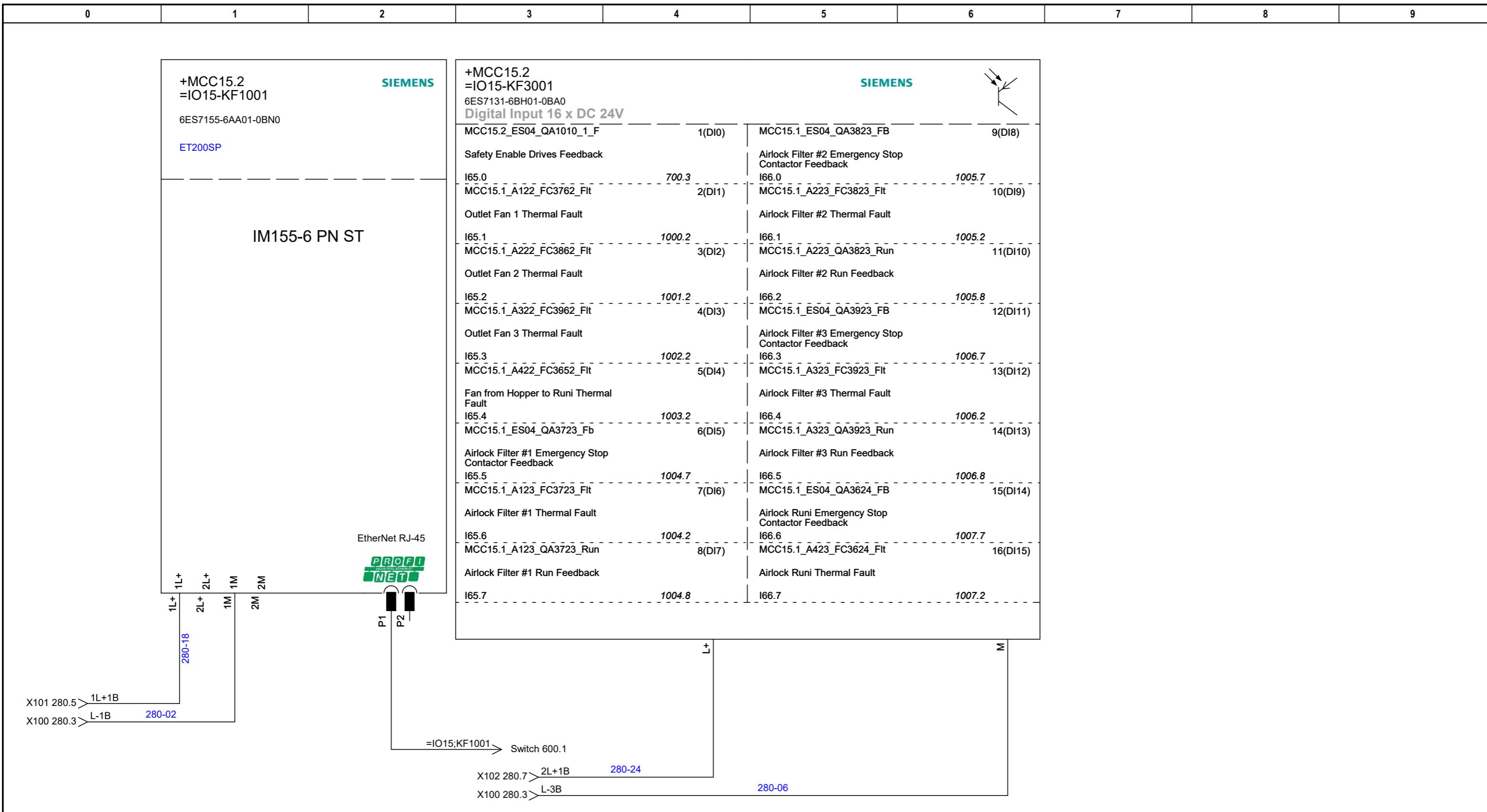


Distributed I/O system

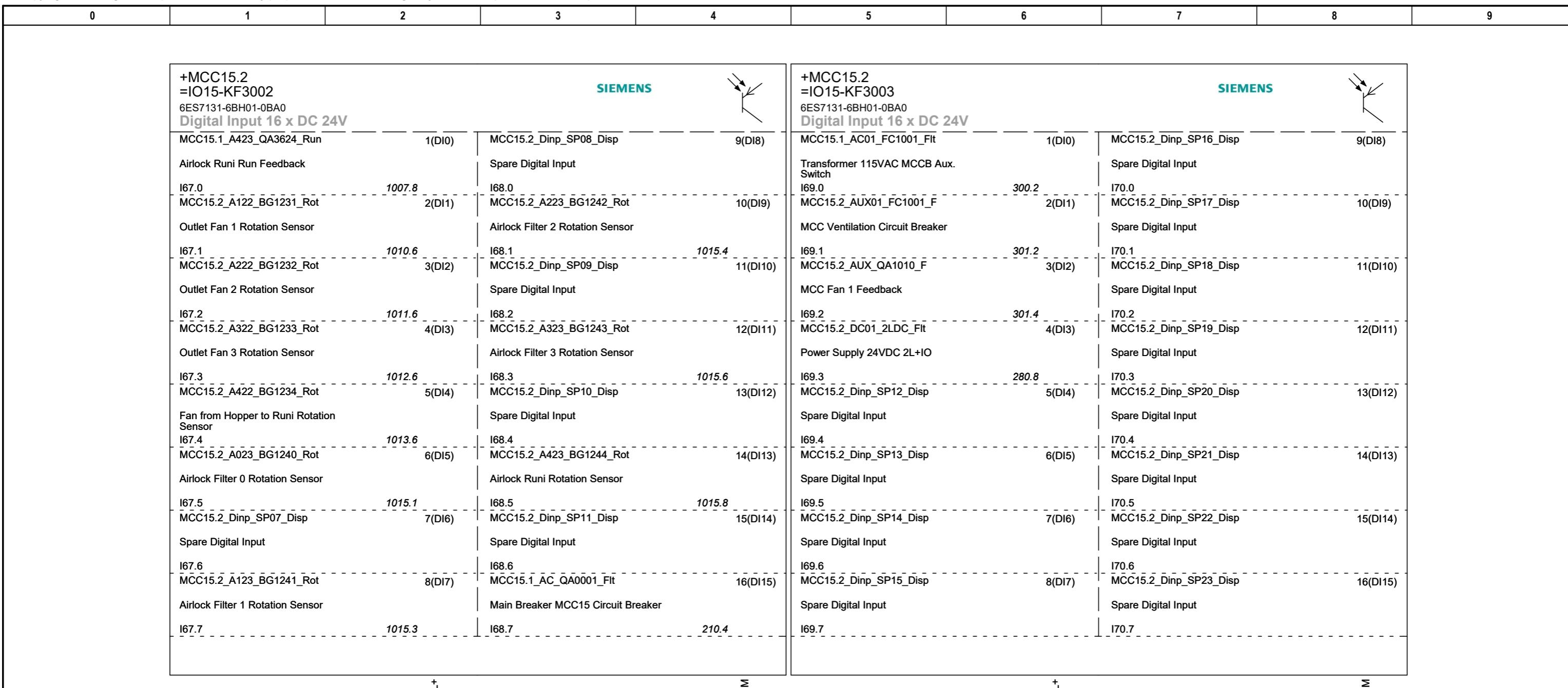


0	1	2	3	4	5	6	7	8	9
 <p>0 BA 2xRJ45 SIEMENS SIMATIC ET 200SP IM155-6PN ST ■ PWR</p> <p>1 DI 16x24VDC 2 DI 16x24VDC 3 DI 16x24VDC 4 DQ 8x24VDC/0.5A 5 DQ 8x24VDC/0.5A 6 AI 4xRTD/T_C HF 7 AI 4xRTD/T_C HF 8 AI 4xRTD/T_C HF 9 F-DQ 4x24VDC/2A PN HF 10 F-DQ 4x24VDC/2A PN HF PROFIsafe PROFIsafe</p>									

(=) Function aspect
 =I015 I/O system
 (+) Location aspect
 +MCC15.2 Motor Control Cabinet



(=) Function aspect
 =IO15 I/O system
 (+) Location aspect
 +MCC15.2 Motor Control Cabinet



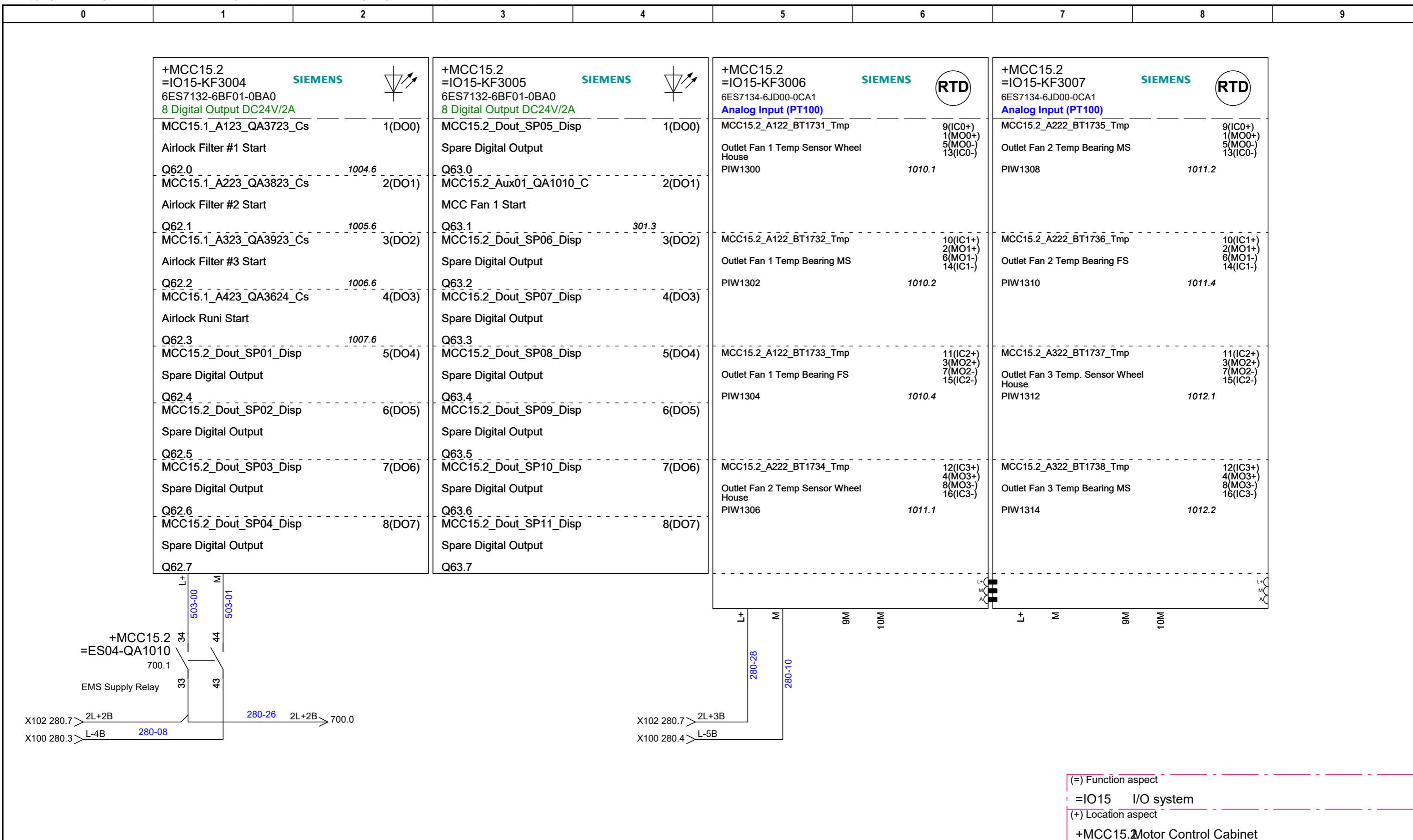
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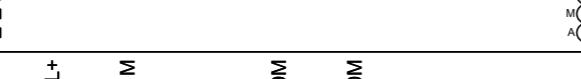
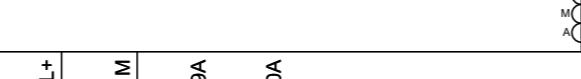
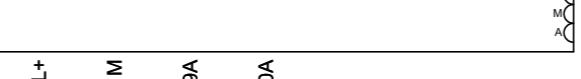
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(=) Function aspect
=IO15 I/O system
(+) Location aspect
+MCC15.2 Motor Control Cabinet



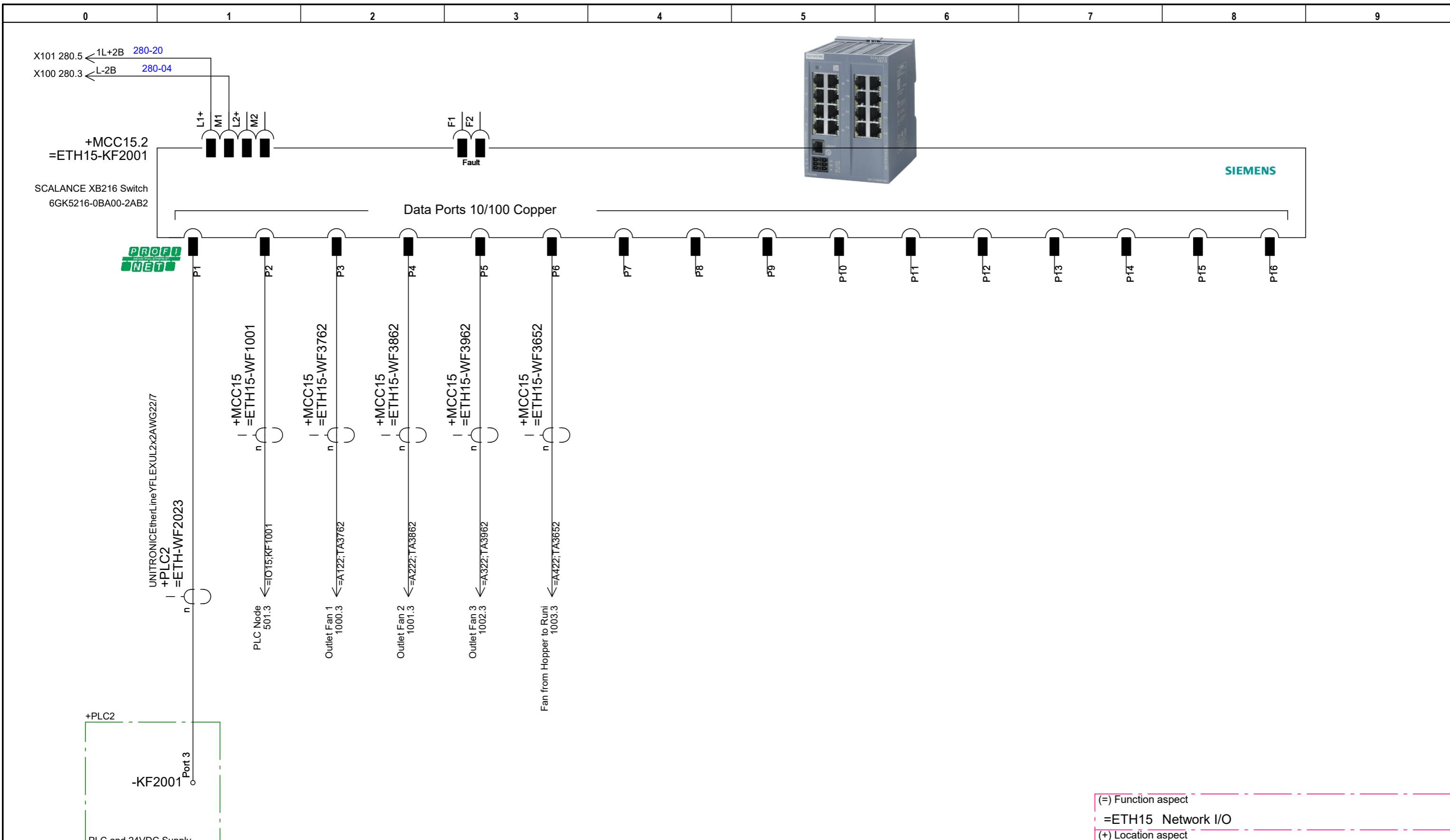
(=) Function aspect
=I015 I/O system
(+) Location aspect
+MCC15.2 Motor Control Cabinet

0	1	2	3	4	5	6	7	8	9
+MCC15.2 =IO15-KF3008 6ES7134-6JD00-0CA1 Analog Input (PT100)	SIEMENS	RTD	+MCC15.2 =IO15-KF3009 6ES7136-6DB00-0CA0 Safety Digital Output 8 x 24VDC/2A	SIEMENS	SDO	+MCC15.2 =IO15-KF3010 6ES7136-6DB00-0CA0 Safety Digital Output 8 x 24VDC/2A	SIEMENS	SDO	
MCC15.2_A322_BT1739_Tmp Outlet Fan 3 Temp Bearing FS PIW1316		9(IC0+) 1(MO0+) 5(MO0-) 13(IC0-)	MCC15.2_ES04_QA1010_Cs Safety Ensble Drives Power to KF300x - Enable DO Q75.0		1(DO0) 5(DO0) 9(M0) 13(M0)	MCC15.1_ES04_QA3624_Cs Airlock Runi Emergency Stop Contactor Q80.0		1(DO0) 5(DO0) 9(M0) 13(M0)	
MCC15.2_A422_BT1740_Tmp Fan from Hpper to Runi Temp. Sensor Wheel House PIW1318		10(IC1+) 2(MO1+) 6(MO1-) 14(IC1-)	MCC15.1_ES04_QA3723_Cs Airlock Filter #1 Emergency Stop Contactor Q75.1		2(DO1) 6(DO1) 10(M1) 14(M1)	MCC15.2_Sdou_SP18_Displ Spare Safety Digital Output Q80.1		2(DO1) 6(DO1) 10(M1) 14(M1)	
MCC15.2_A422_BT1741_Tmp Fan from Hpper to Runi Temp. Bearing MS PIW1320		11(IC2+) 3(MO2+) 7(MO2-) 15(IC2-)	MCC15.1_ES04_QA3823_Cs Airlock Filter #2 Emergency Stop Contactor Q75.2		3(DO2) 7(DO2) 11(M2) 15(M2)	MCC15.2_Sdou_SP19_Displ Spare Safety Digital Output Q80.2		3(DO2) 7(DO2) 11(M2) 15(M2)	
MCC15.2_A422_BT1742_Tmp Fan from Hpper to Runi Temp. Bearing FS PIW1322		12(IC3+) 4(MO3+) 8(MO3-) 16(IC3-)	MCC15.1_ES04_QA3923_Cs Airlock Filter #3 Emergency Stop Contactor Q75.3		4(DO3) 8(DO3) 12(M3) 16(M3)	MCC15.2_Sdou_SP20_Displ Spare Safety Digital Output Q80.3		4(DO3) 8(DO3) 12(M3) 16(M3)	
									
X102 280.7 > 2L+4B	280-29		280-12						

- (=) Function aspect
- I/O15 I/O system
- (+) Location aspect
- +MCC15.2 Motor Control Cabinet



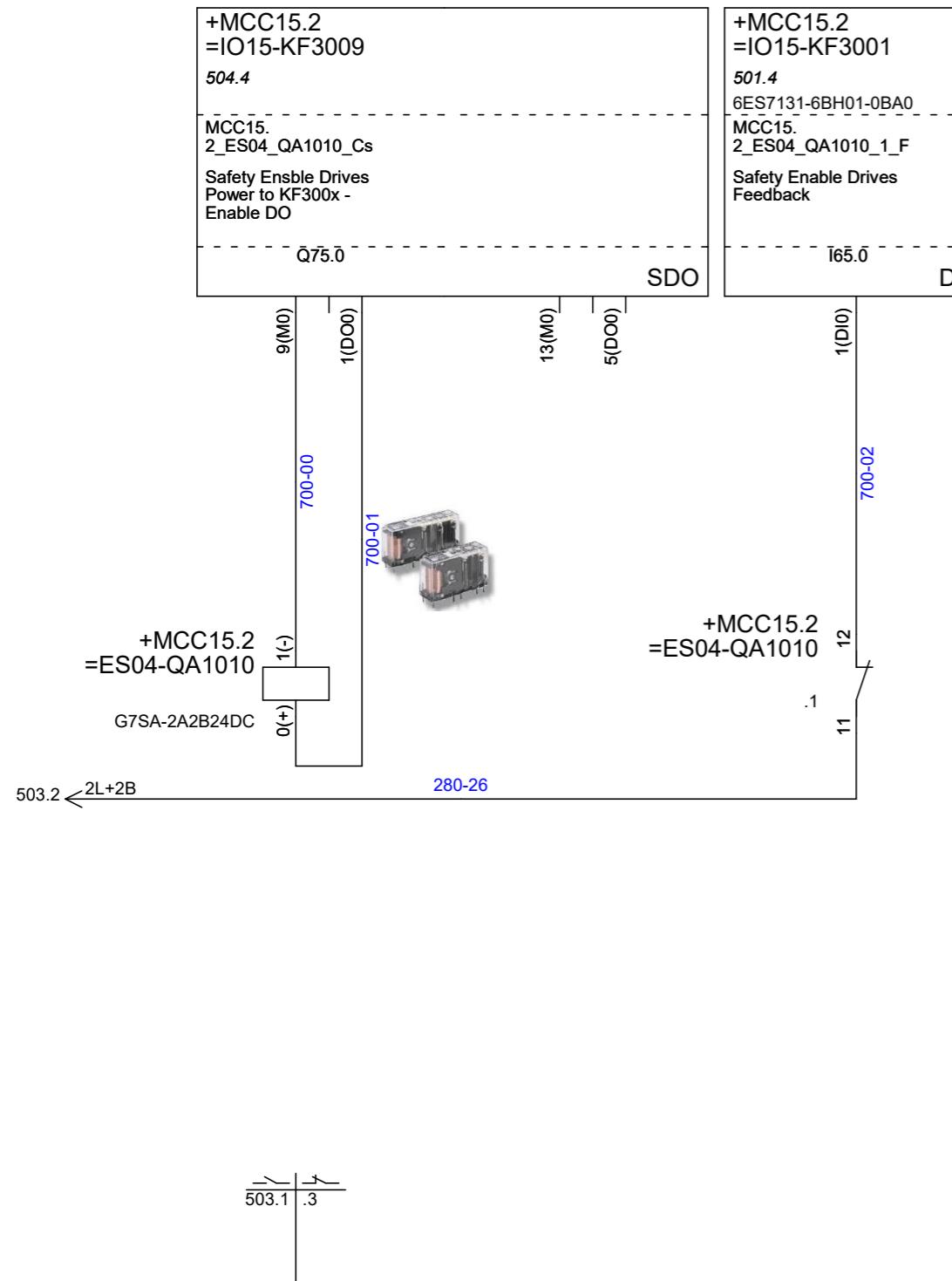
Network I/O





Emergency Stop

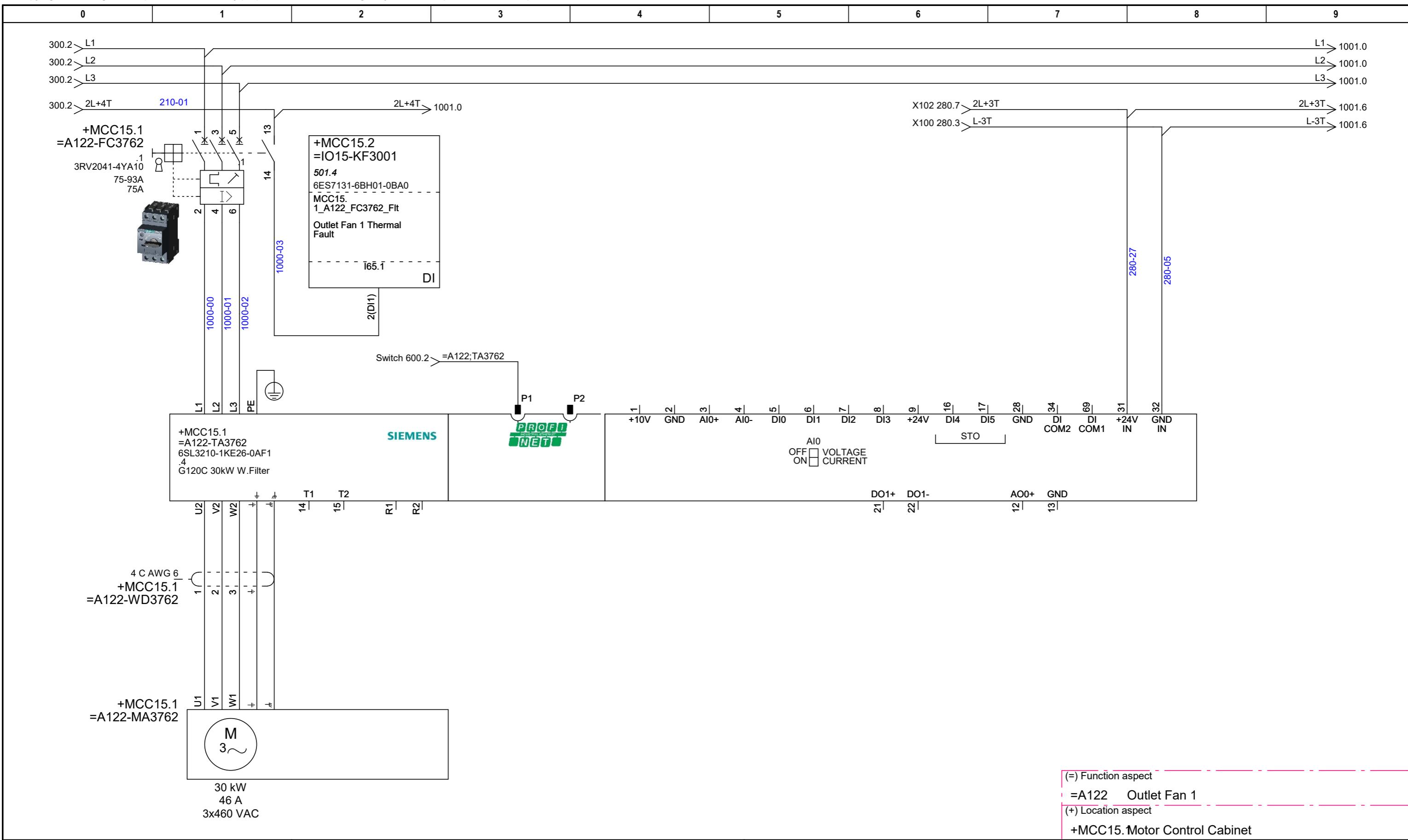
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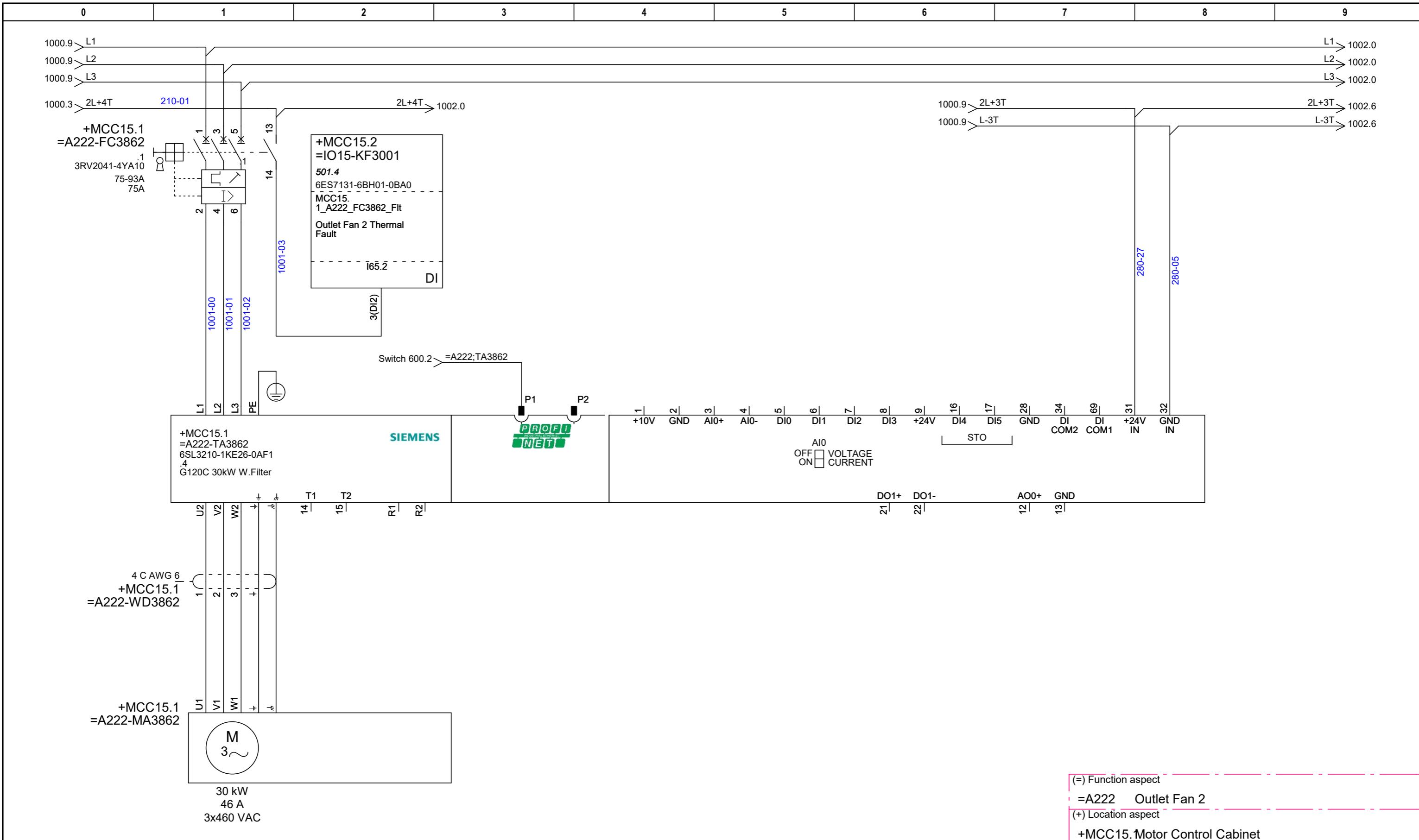


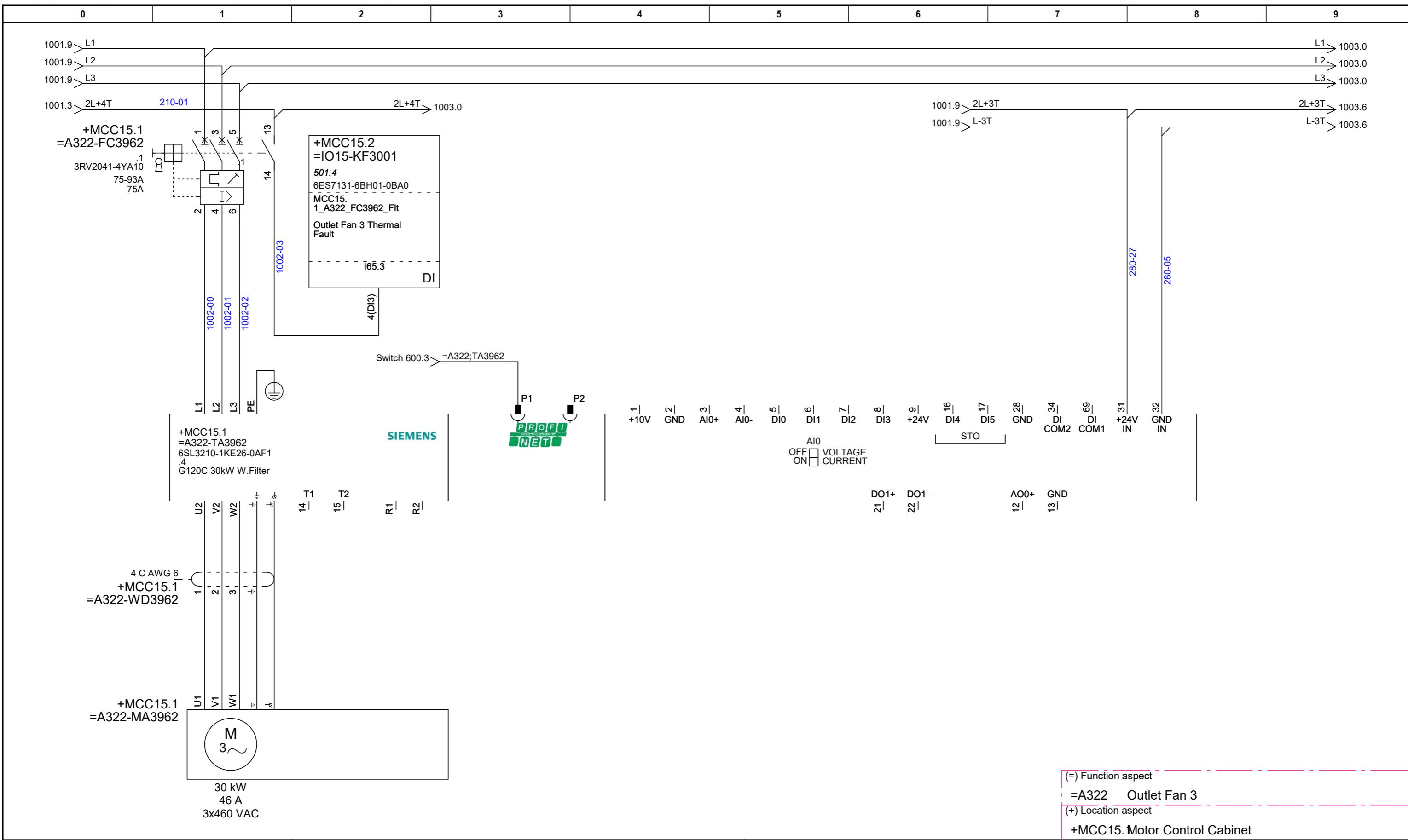
(=) Function aspect
=ES04 Safety Zone 4
(+) Location aspect
+MCC15.2 Motor Control Cabinet

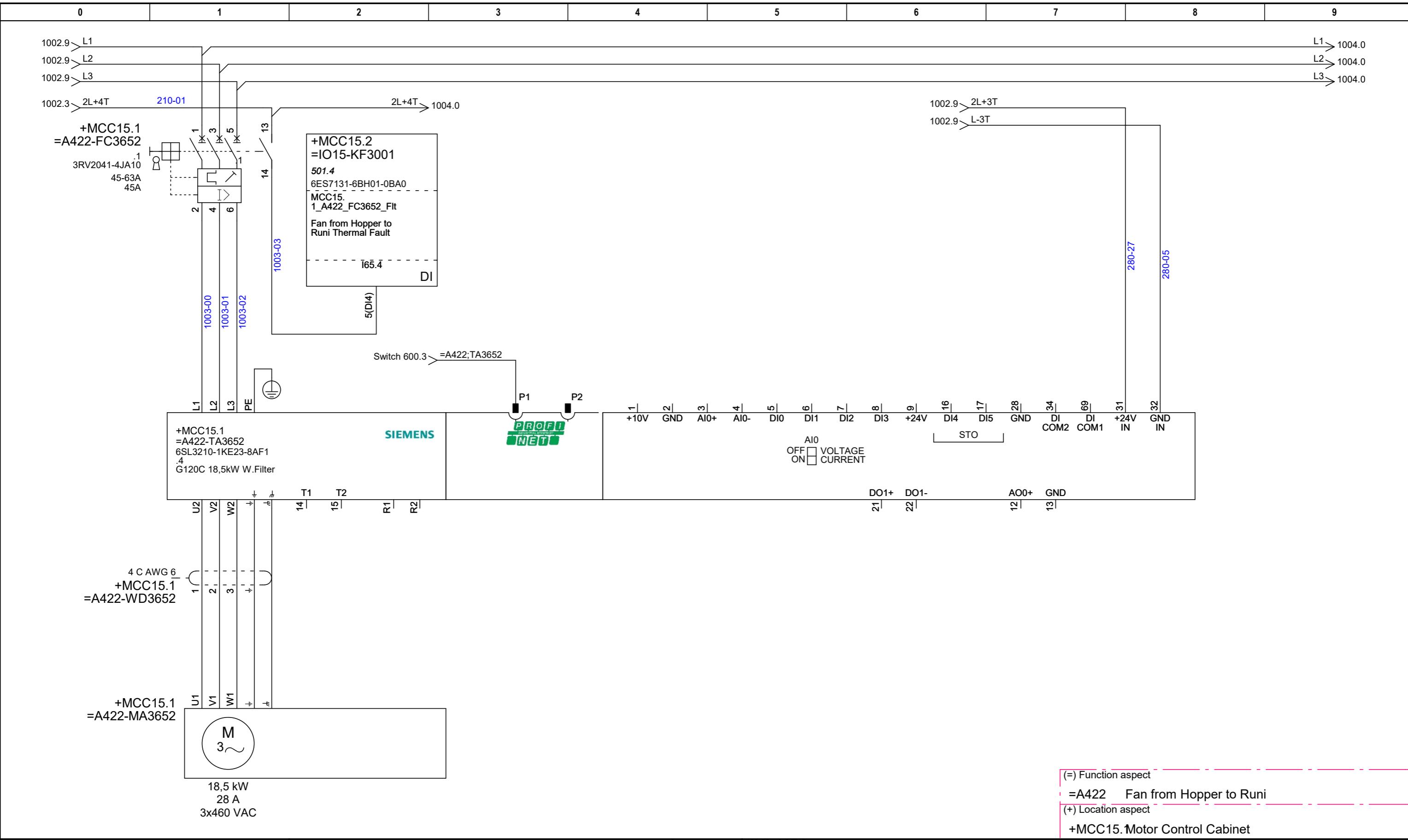


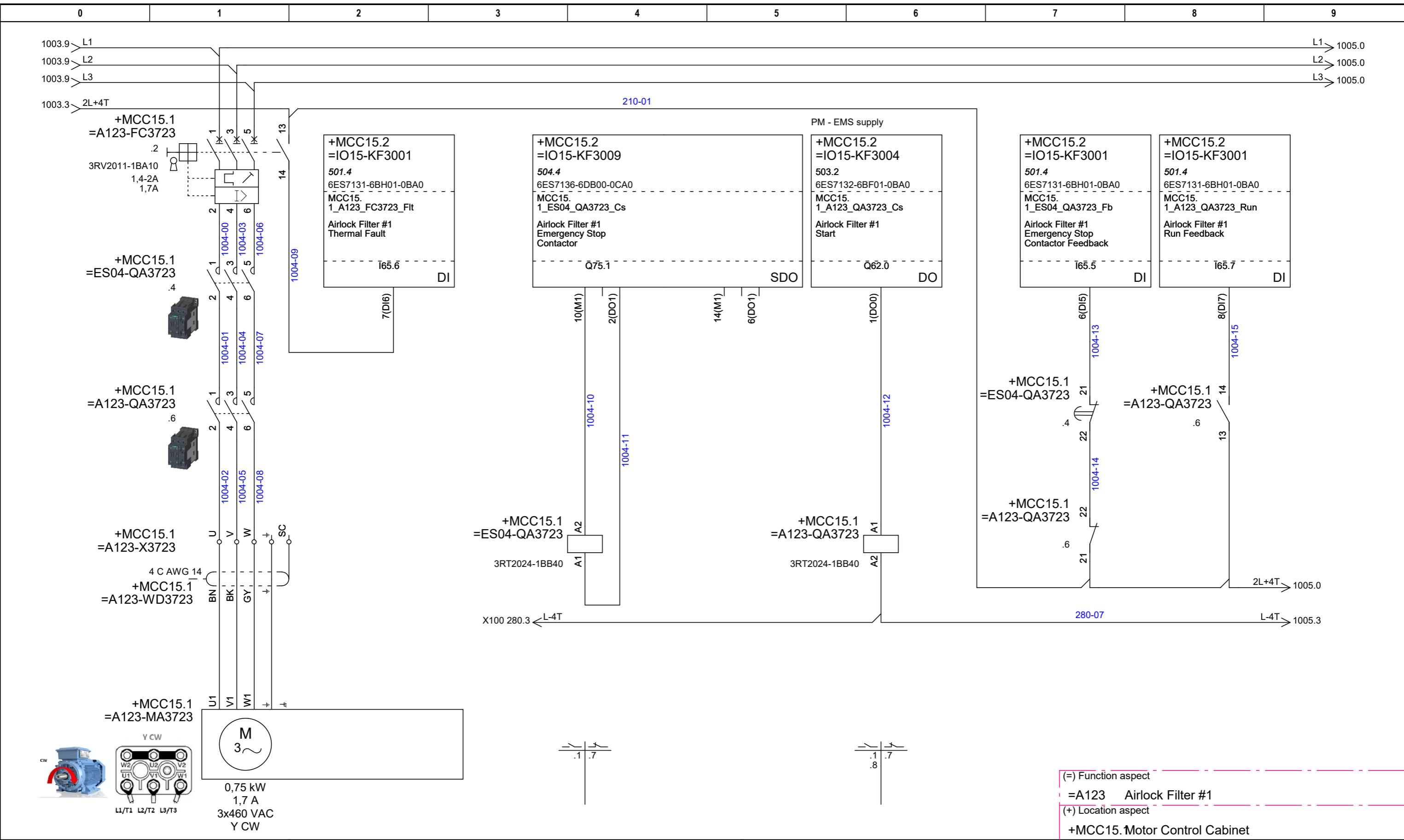
Motors

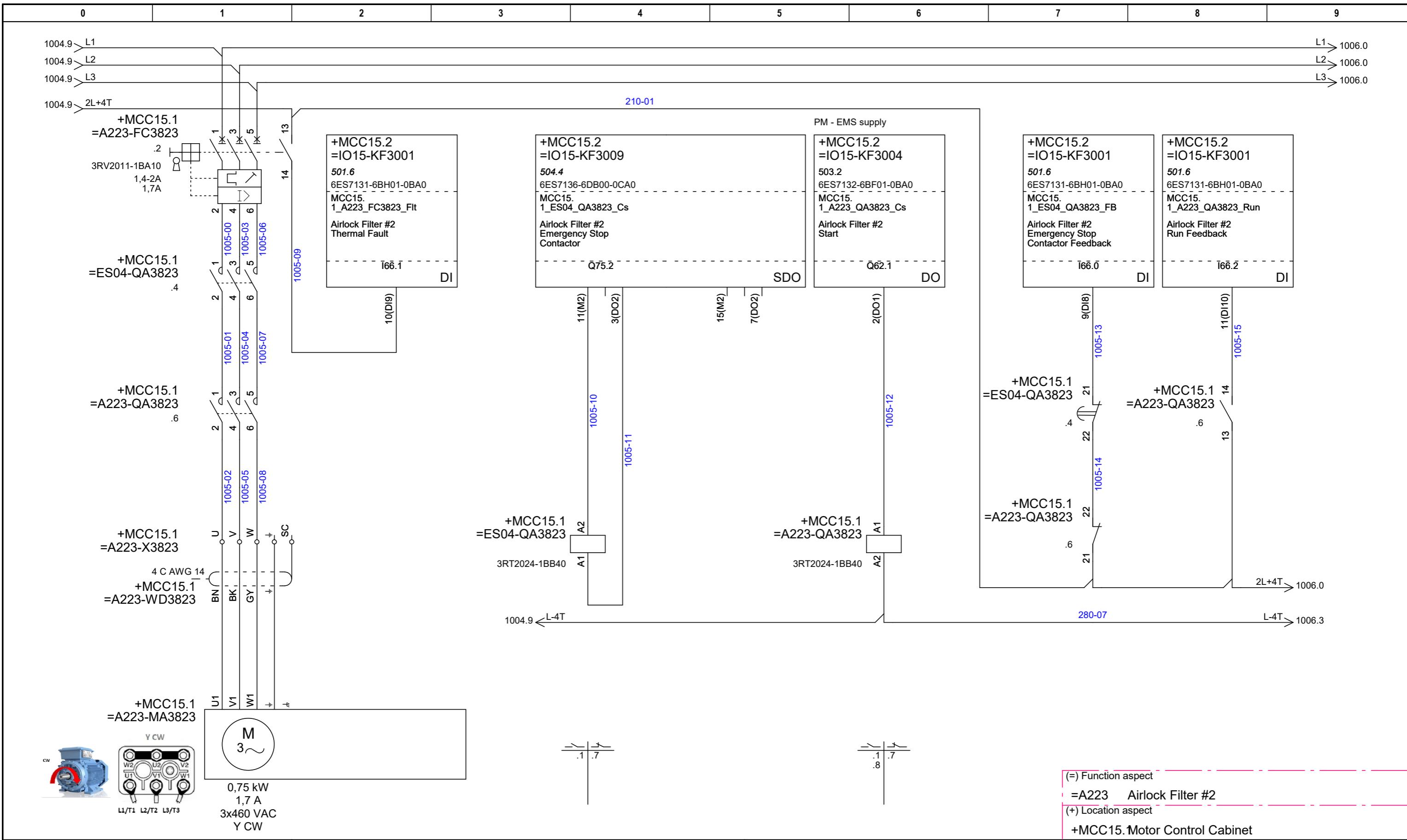




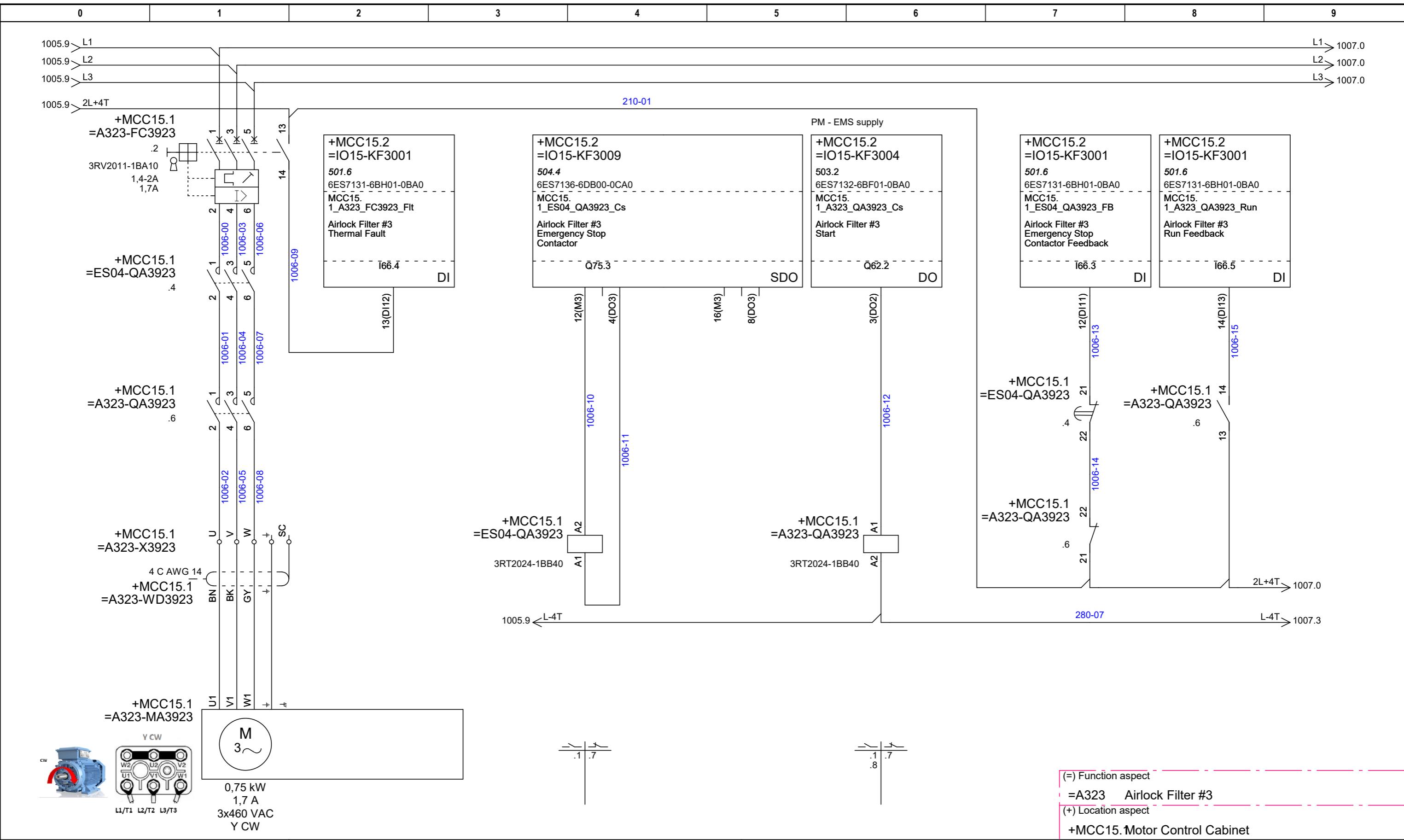


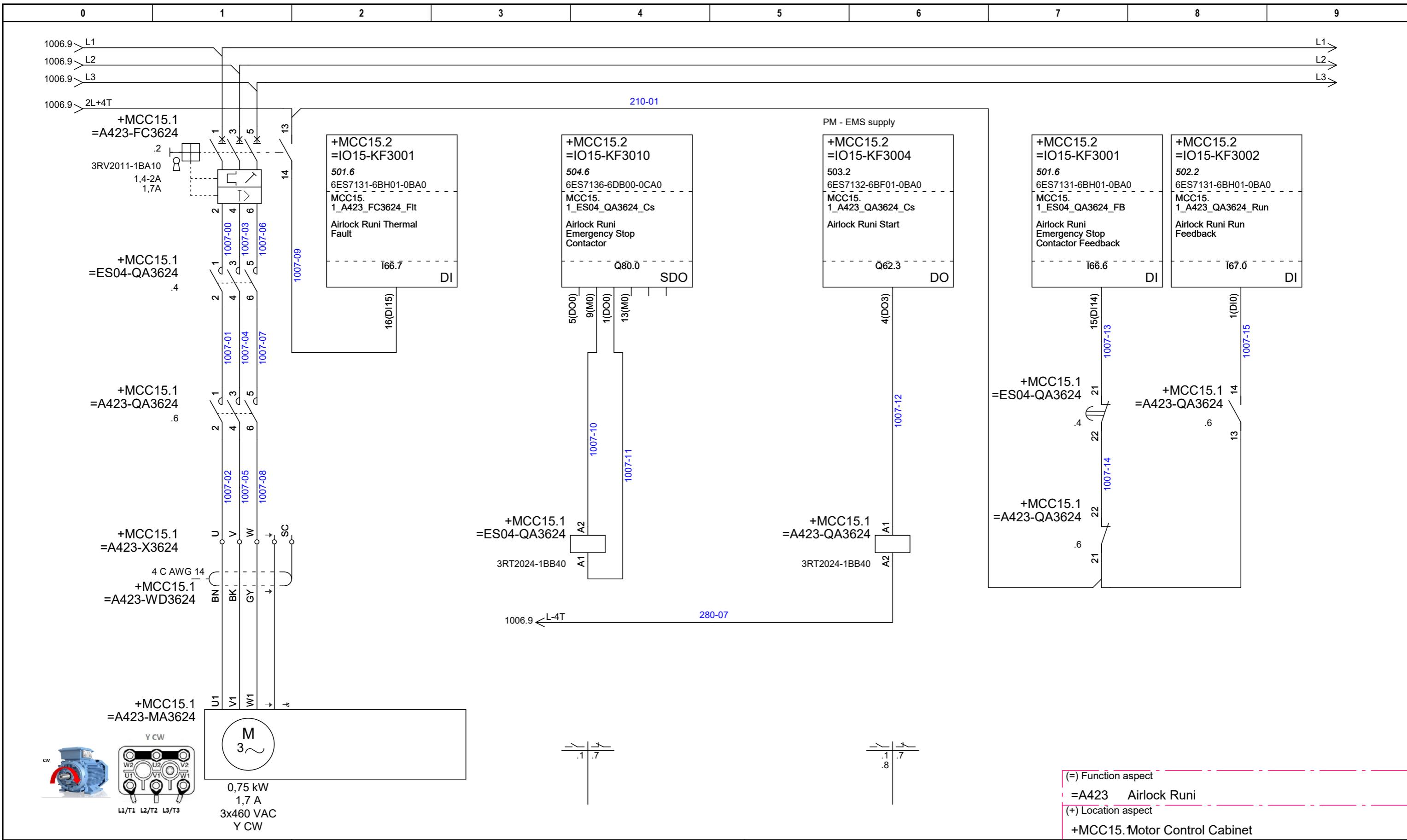




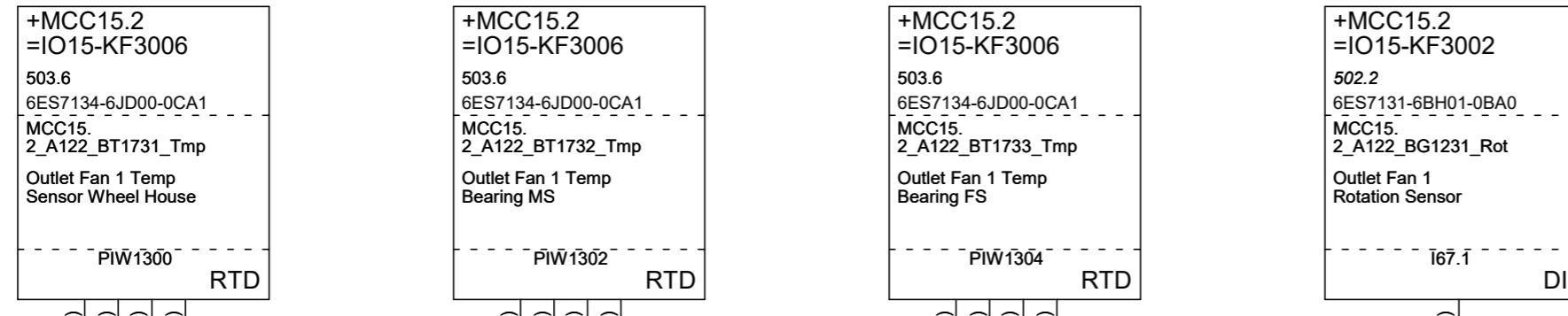


(=) Function aspect
=A223 Airlock Filter #2
(+) Location aspect
+MCC15.1 Motor Control Cabinet





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9(IC0+) 10(IC1+)
1(MO0+) 1(MO1+)
5(MO0-) 6(MO1-)
13(IC0-) 14(IC1-)

1010-00 1010-03 1010-04 1010-05
1010-01 1010-02 1010-06 1010-07 1010-08

1010-09 X102 280.7 2L+6B 280-33 2L+6B 1011.5

CLFLEXCONTROLTCY18G1/AWG18
+MCC15.2
=A122-WG.A122-01

+CB.A122.01

Control Box

+MCC15.2
=A122-WG1731 RD RD WH

+MCC15.2
=A122-BT1731 RD RD WH PT100 t°

+MCC15.2
=A122-WG1732 RD RD WH

+MCC15.2
=A122-BT1732 PT100 t°

+MCC15.2
=A122-WG1733 RD RD WH

+MCC15.2
=A122-BT1733 PT100 t°

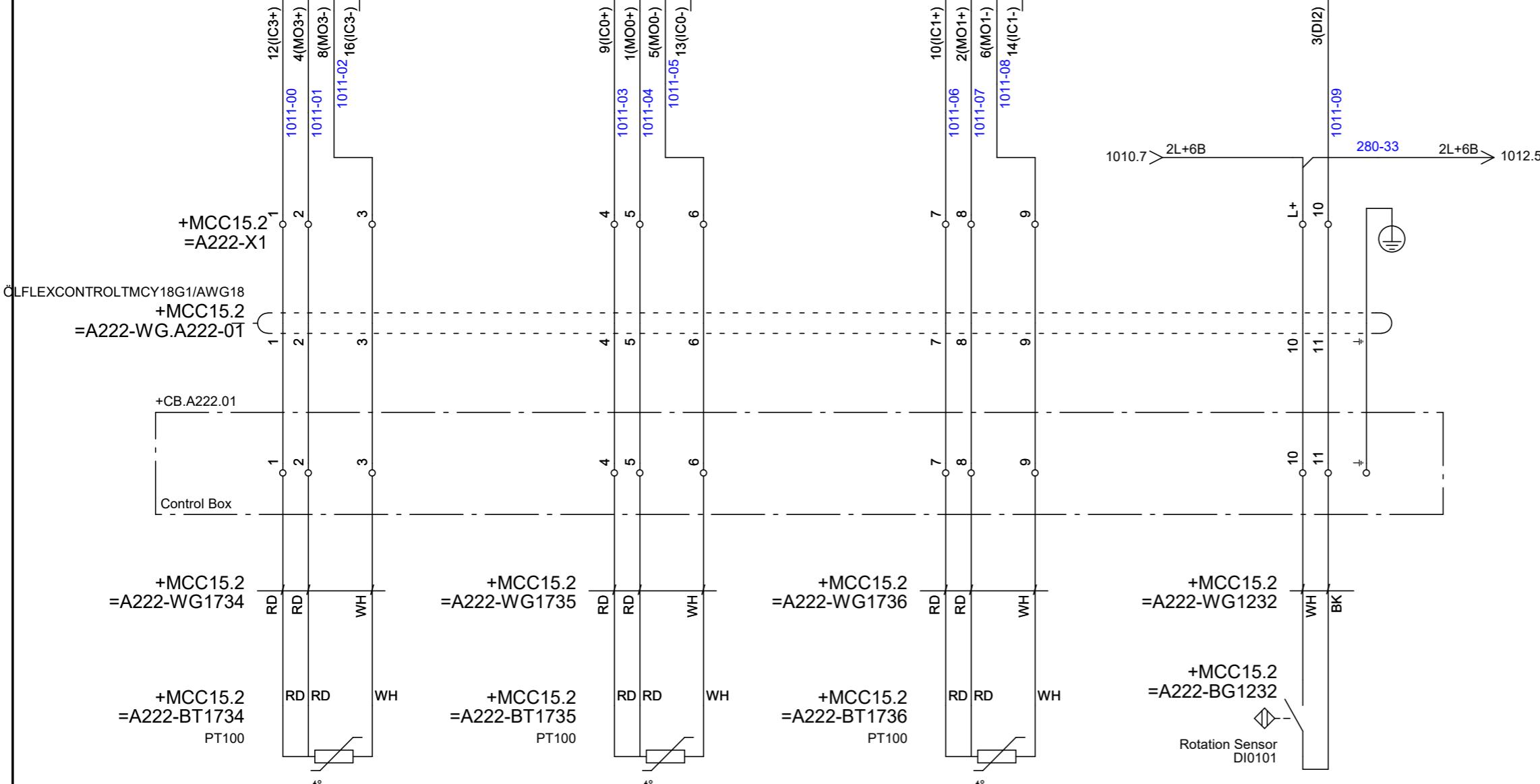
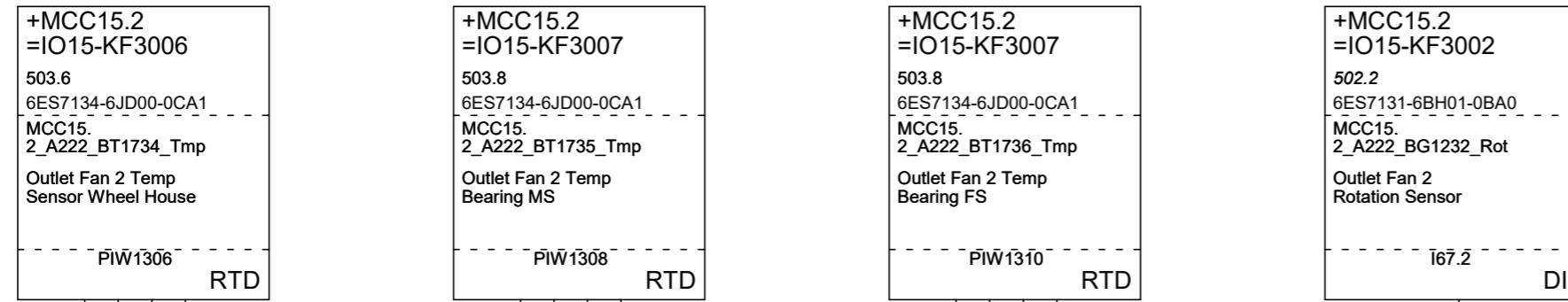
+MCC15.2
=A122-WG1231 WH BK

+MCC15.2
=A122-BG1231 Rotation Sensor DI011

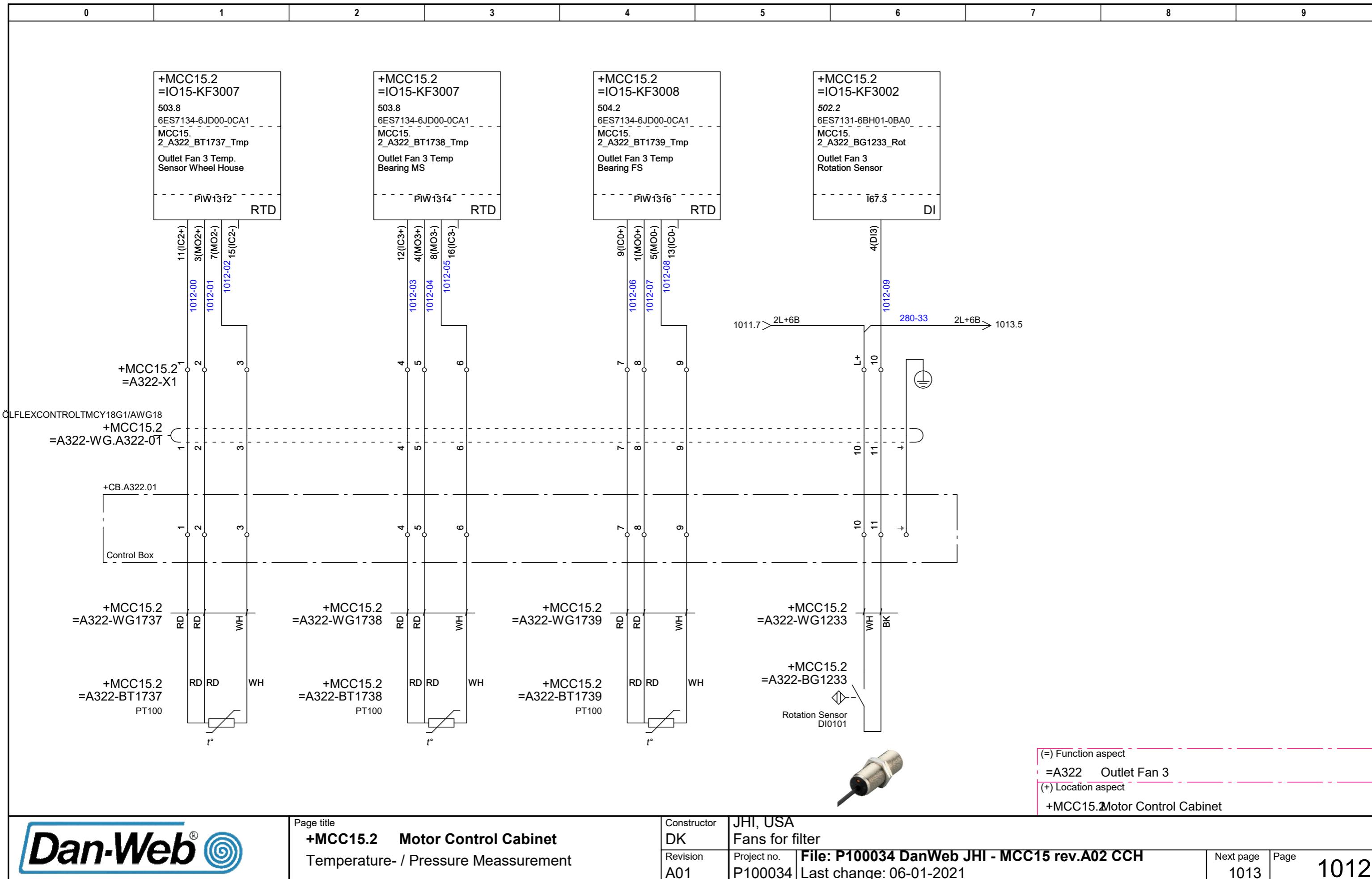


- (=) Function aspect
- =A122 Outlet Fan 1
- (+) Location aspect
- +MCC15.2 Motor Control Cabinet

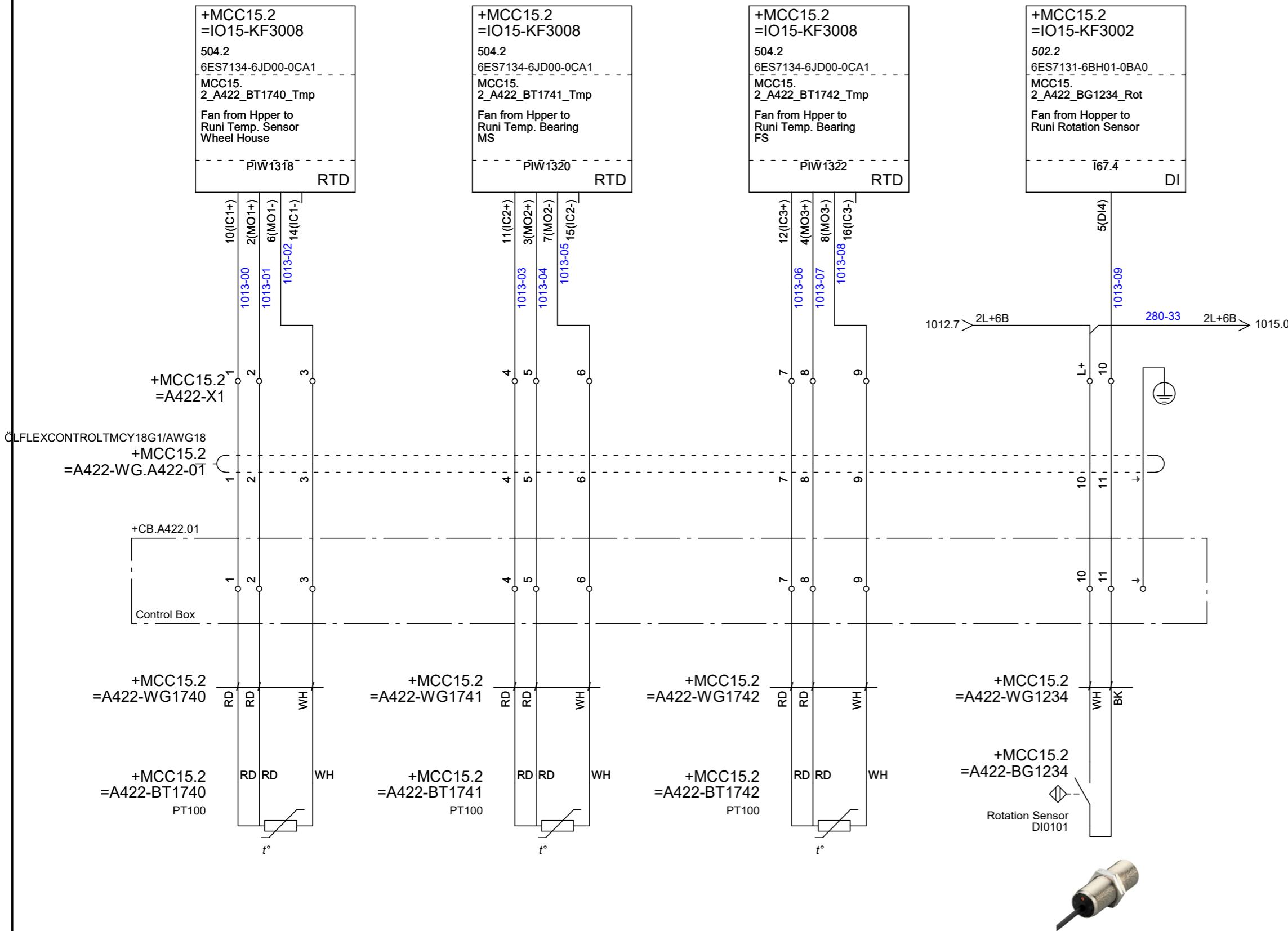
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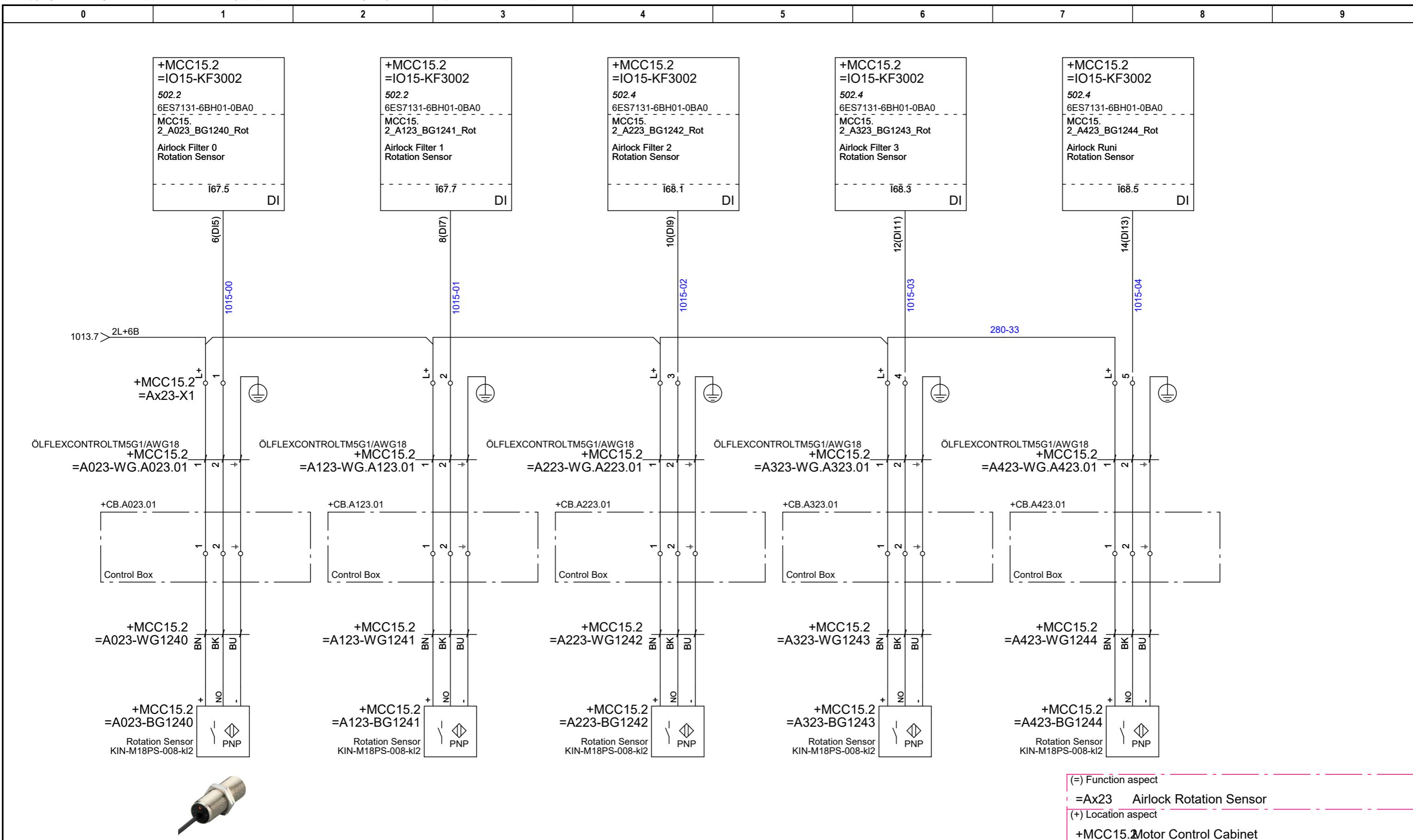


- (=) Function aspect
- =A222 Outlet Fan 2
- (+) Location aspect
- +MCC15.2 Motor Control Cabinet



0 1 2 3 4 5 6 7 8 9







Componentlist

Component list

Pos.	Component Page/path	Type Description	Make
1	+MCC14.3=ES04-QA1010 =IO15/503.1	G7SA-2A2B24DC Safetyrelay 2NO+2NC, 6A	Omron
2	+MCC15.1=A122-FC3762 =A122/1000.1	9342410 Circuit-breaker component adaptors 3-pole 100Amp	Rittal
3	+MCC15.1=A122-FC3762 =A122/1000.1	3RV2901-1E TRANSVERSE AUX. SWITCH, 1NO+1NC, CIRCUIT-BREAKERS, SZ S00/S0	Siemens
4	+MCC15.1=A122-FC3762 =A122/1000.1	3RT2946-4GA07 TERMINAL BLOCK	Siemens
5	+MCC15.1=A122-FC3762 =A122/1000.1	3RV2041-4YA10 Circuit breaker size S3 for motor protection, CLASS 10 A-rel	Siemens
6	+MCC15.1=A122-TA3762 =A122/1000.1	6SL3210-1KE26-0AF1 SINAMICS G120C 30KW W. FILTER, PN	Siemens
7	+MCC15.1=A123-FC3723 =A123/1004.1	9340340 OM adaptors with connection cables, 25A, 690V	Rittal
8	+MCC15.1=A123-FC3723 =A123/1004.2	3RV2901-1E TRANSVERSE AUX. SWITCH, 1NO+1NC, CIRCUIT-BREAKERS, SZ S00/S0	Siemens
9	+MCC15.1=A123-FC3723 =A123/1004.1	3RV2928-1H TERMINAL BLOCK TYPE E ACC. TO UL508 CIRC	Siemens
10	+MCC15.1=A123-FC3723 =A123/1004.1	3RV2011-1BA10 CIRCUIT-BREAKER, MOTOR PROTECT CL.10 A-REL. 1.4-2A N-REL.26A	Siemens
11	+MCC15.1=A123-QA3723 =A123/1004.5	3RH2911-1HA11 AUX.SWITCH BLOCK,FRONT,1NO+1NC, MOTOR CONT., SZ S00 AND S0	Siemens
12	+MCC15.1=A123-QA3723 =A123/1004.5	3RT2024-1BB40 CONTACTOR, AC-3, 5.5KW/400V, 1NO+1NC, DC 24V, 3-POLE, SZ S0	Siemens
13	+MCC15.1=A123-QA3723 =A123/1004.5	3RT2916-1EH00 Surge Arrestor 400VAC	Siemens
14	+MCC15.1=A123-X3723 (3) =A123/1004.1	PT2,5 Terminal spring	Phoenix Contact
15	+MCC15.1=A123-X3723 =A123/1004.2	PT2,5-PE Ground terminal spring	Phoenix Contact
16	+MCC15.1=A222-FC3862 =A222/1001.1	9342410 Circuit-breaker component adaptors 3-pole 100Amp	Rittal
17	+MCC15.1=A222-FC3862 =A222/1001.1	3RV2901-1E TRANSVERSE AUX. SWITCH, 1NO+1NC, CIRCUIT-BREAKERS, SZ S00/S0	Siemens
18	+MCC15.1=A222-FC3862 =A222/1001.1	3RT2946-4GA07 TERMINAL BLOCK	Siemens
19	+MCC15.1=A222-FC3862 =A222/1001.1	3RV2041-4YA10 Circuit breaker size S3 for motor protection, CLASS 10 A-rel	Siemens
20	+MCC15.1=A222-TA3862 =A222/1001.1	6SL3210-1KE26-0AF1 SINAMICS G120C 30KW W. FILTER, PN	Siemens
21	+MCC15.1=A223-FC3823 =A223/1005.1	9340340 OM adaptors with connection cables, 25A, 690V	Rittal
22	+MCC15.1=A223-FC3823 =A223/1005.2	3RV2901-1E TRANSVERSE AUX. SWITCH, 1NO+1NC, CIRCUIT-BREAKERS, SZ S00/S0	Siemens
23	+MCC15.1=A223-FC3823 =A223/1005.1	3RV2928-1H TERMINAL BLOCK TYPE E ACC. TO UL508 CIRC	Siemens
24	+MCC15.1=A223-FC3823 =A223/1005.1	3RV2011-1BA10 CIRCUIT-BREAKER, MOTOR PROTECT CL.10 A-REL. 1.4-2A N-REL.26A	Siemens
25	+MCC15.1=A223-QA3823 =A223/1005.5	3RH2911-1HA11 AUX.SWITCH BLOCK,FRONT,1NO+1NC, MOTOR CONT., SZ S00 AND S0	Siemens



JHI, USA

Forming Head #1

P100034

Rev.: A01

Dcc.: &EPB

Next page : 1101

Component list

Pos.	Component Page/path	Type Description	Make
26	+MCC15.1=A223-QA3823 =A223/1005.5	3RT2024-1BB40 CONTACTOR, AC-3, 5.5KW/400V, 1NO+1NC, DC 24V, 3-POLE, SZ S0	Siemens
27	+MCC15.1=A223-QA3823 =A223/1005.5	3RT2916-1EH00 Surge Arrestor 400VAC	Siemens
28	+MCC15.1=A223-X3823 (3) =A223/1005.1	PT2,5 Terminal spring	Phoenix Contact
29	+MCC15.1=A223-X3823 =A223/1005.2	PT2,5-PE Ground terminal spring	Phoenix Contact
30	+MCC15.1=A322-FC3962 =A322/1002.1	9342410 Circuit-breaker component adaptors 3-pole 100Amp	Rittal
31	+MCC15.1=A322-FC3962 =A322/1002.1	3RV2901-1E TRANSVERSE AUX. SWITCH, 1NO+1NC, CIRCUIT-BREAKERS, SZ S00/S0	Siemens
32	+MCC15.1=A322-FC3962 =A322/1002.1	3RT2946-4GA07 TERMINAL BLOCK	Siemens
33	+MCC15.1=A322-FC3962 =A322/1002.1	3RV2041-4YA10 Circuit breaker size S3 for motor protection, CLASS 10 A-rel	Siemens
34	+MCC15.1=A322-TA3962 =A322/1002.1	6SL3210-1KE26-0AF1 SINAMICS G120C 30KW W. FILTER, PN	Siemens
35	+MCC15.1=A323-FC3923 =A323/1006.1	9340340 OM adaptors with connection cables, 25A, 690V	Rittal
36	+MCC15.1=A323-FC3923 =A323/1006.2	3RV2901-1E TRANSVERSE AUX. SWITCH, 1NO+1NC, CIRCUIT-BREAKERS, SZ S00/S0	Siemens
37	+MCC15.1=A323-FC3923 =A323/1006.1	3RV2928-1H TERMINAL BLOCK TYPE E ACC. TO UL508 CIRC	Siemens
38	+MCC15.1=A323-FC3923 =A323/1006.1	3RV2011-1BA10 CIRCUIT-BREAKER, MOTOR PROTECT CL.10 A-REL. 1.4-2A N-REL.26A	Siemens
39	+MCC15.1=A323-QA3923 =A323/1006.5	3RH2911-1HA11 AUX.SWITCH BLOCK, FRONT, 1NO+1NC, MOTOR CONT., SZ S00 AND S0	Siemens
40	+MCC15.1=A323-QA3923 =A323/1006.5	3RT2024-1BB40 CONTACTOR, AC-3, 5.5KW/400V, 1NO+1NC, DC 24V, 3-POLE, SZ S0	Siemens
41	+MCC15.1=A323-QA3923 =A323/1006.5	3RT2916-1EH00 Surge Arrestor 400VAC	Siemens
42	+MCC15.1=A323-X3923 (3) =A323/1006.1	PT2,5 Terminal spring	Phoenix Contact
43	+MCC15.1=A323-X3923 =A323/1006.2	PT2,5-PE Ground terminal spring	Phoenix Contact
44	+MCC15.1=A422-FC3652 =A422/1003.1	9342410 Circuit-breaker component adaptors 3-pole 100Amp	Rittal
45	+MCC15.1=A422-FC3652 =A422/1003.1	3RV2901-1E TRANSVERSE AUX. SWITCH, 1NO+1NC, CIRCUIT-BREAKERS, SZ S00/S0	Siemens
46	+MCC15.1=A422-FC3652 =A422/1003.1	3RT2946-4GA07 TERMINAL BLOCK	Siemens
47	+MCC15.1=A422-FC3652 =A422/1003.1	3RV2938-1K PHASE BARRIERS INCREASED CREEPAGES AND C	Siemens
48	+MCC15.1=A422-FC3652 =A422/1003.1	3RV2041-4JA10 Circuit breaker size S3 for motor protection, CLASS 10 A-rel	Siemens
49	+MCC15.1=A422-TA3652 =A422/1003.1	6SL3210-1KE23-8AF1 SINAMICS G120C 18,5KW W. FILTER, PN	Siemens
50	+MCC15.1=A423-FC3624 =A423/1007.1	9340340 OM adaptors with connection cables, 25A, 690V	Rittal



JHI, USA

Rev.: A01

Dcc.: &EPB

Forming Head #1

Next page : 1102

P100034

Component list

Pos.	Component Page/path	Type Description	Make
51	+MCC15.1=A423-FC3624 =A423/1007.2	3RV2901-1E TRANSVERSE AUX. SWITCH, 1NO+1NC, CIRCUIT-BREAKERS, SZ S00/S0	Siemens
52	+MCC15.1=A423-FC3624 =A423/1007.1	3RV2928-1H TERMINAL BLOCK TYPE E ACC. TO UL508 CIRC	Siemens
53	+MCC15.1=A423-FC3624 =A423/1007.1	3RV2011-1BA10 CIRCUIT-BREAKER, MOTOR PROTECT CL.10 A-REL. 1.4-2A N-REL.26A	Siemens
54	+MCC15.1=A423-QA3624 =A423/1007.5	3RH2911-1HA11 AUX.SWITCH BLOCK, FRONT, 1NO+1NC, MOTOR CONT., SZ S00 AND S0	Siemens
55	+MCC15.1=A423-QA3624 =A423/1007.5	3RT2024-1BB40 CONTACTOR, AC-3, 5.5KW/400V, 1NO+1NC, DC 24V, 3-POLE, SZ S0	Siemens
56	+MCC15.1=A423-QA3624 =A423/1007.5	3RT2916-1EH00 Surge Arrestor 400VAC	Siemens
57	+MCC15.1=A423-X3624 (3) =A423/1007.1	PT2,5 Terminal spring	Phoenix Contact
58	+MCC15.1=A423-X3624 =A423/1007.2	PT2,5-PE Ground terminal spring	Phoenix Contact
59	+MCC15.1=AC01-FC1001 =AC01/300.1	9340340 OM adaptors with connection cables, 25A, 690V	Rittal
60	+MCC15.1=AC01-FC1001 =AC01/300.1	3RV2711-1ED10 CIRCUIT-BREAKER SZ S00, FOR PLANT PROTEC A-RELEASE 4 A, N-RE	Siemens
61	+MCC15.1=AC01-FC1001 =AC01/300.1	3RV2901-1E TRANSVERSE AUX. SWITCH, 1NO+1NC, CIRCUIT-BREAKERS, SZ S00/S0	Siemens
62	+MCC15.1=AUX01-EA2001 =DC02/290.3	TIC14415 LED Luminaire 24VDC w. movement sensor, 3M. cable 1 pcs pr p	TIC
63	+MCC15.1=AUX01-MA1011 =AUX01/301.1	3140110 Fan 725m³/h 115VAC	Rittal
64	+MCC15.1=ES04-QA3624 =A423/1007.4	3RH2911-1HA11 AUX.SWITCH BLOCK, FRONT, 1NO+1NC, MOTOR CONT., SZ S00 AND S0	Siemens
65	+MCC15.1=ES04-QA3624 =A423/1007.4	3RT2024-1BB40 CONTACTOR, AC-3, 5.5KW/400V, 1NO+1NC, DC 24V, 3-POLE, SZ S0	Siemens
66	+MCC15.1=ES04-QA3624 =A423/1007.4	3RT2916-1EH00 Surge Arrestor 400VAC	Siemens
67	+MCC15.1=ES04-QA3723 =A123/1004.4	3RH2911-1HA11 AUX.SWITCH BLOCK, FRONT, 1NO+1NC, MOTOR CONT., SZ S00 AND S0	Siemens
68	+MCC15.1=ES04-QA3723 =A123/1004.4	3RT2024-1BB40 CONTACTOR, AC-3, 5.5KW/400V, 1NO+1NC, DC 24V, 3-POLE, SZ S0	Siemens
69	+MCC15.1=ES04-QA3723 =A123/1004.4	3RT2916-1EH00 Surge Arrestor 400VAC	Siemens
70	+MCC15.1=ES04-QA3823 =A223/1005.4	3RH2911-1HA11 AUX.SWITCH BLOCK, FRONT, 1NO+1NC, MOTOR CONT., SZ S00 AND S0	Siemens
71	+MCC15.1=ES04-QA3823 =A223/1005.4	3RT2024-1BB40 CONTACTOR, AC-3, 5.5KW/400V, 1NO+1NC, DC 24V, 3-POLE, SZ S0	Siemens
72	+MCC15.1=ES04-QA3823 =A223/1005.4	3RT2916-1EH00 Surge Arrestor 400VAC	Siemens
73	+MCC15.1=ES04-QA3923 =A323/1006.4	3RH2911-1HA11 AUX.SWITCH BLOCK, FRONT, 1NO+1NC, MOTOR CONT., SZ S00 AND S0	Siemens
74	+MCC15.1=ES04-QA3923 =A323/1006.4	3RT2024-1BB40 CONTACTOR, AC-3, 5.5KW/400V, 1NO+1NC, DC 24V, 3-POLE, SZ S0	Siemens
75	+MCC15.1=ES04-QA3923 =A323/1006.4	3RT2916-1EH00 Surge Arrestor 400VAC	Siemens



JHI, USA

Rev.: A01

Dcc.: &EPB

Forming Head #1

Next page : 1103

P100034

Component list

Pos.	Component Page/path	Type Description	Make
76	+MCC15.1=MCC15-QA0001 =MCC15/210.1	3VA9271-0WF30 TERMINAL COVER EXTENDED 3 POLE 1 PCS. ACCESSORY FOR: 3VA6 40	Siemens
77	+MCC15.1=MCC15-QA0001 =MCC15/210.1	3VA6340-6HL31-0AA0 CIRCUIT BREAKER 3VA6 UL FRAME 400 BREAKING CAPACITY CLASS M	Siemens
78	+MCC15.1=MCC15-QA0001 =MCC15/210.4	3VA2510-5HL32-0AA0 CIRCUIT BREAKER 3VA2 1000A BREAK.CAPACITY CL. M ICU=55KA @ 4	Siemens
79	+MCC15.1=MCC15-QA0001 =MCC15/210.1	3VA9988-0AA12 AUX.SWITCH FOR: 3VA2 800/1000	Siemens
80	+MCC15.1=MCC15-QA0001 =MCC15/210.1	3VA9978-0AA11 AUX.SWITCH FOR: 3VA4/6/6	Siemens
81	+MCC15.1=MCC15-QA0001 =MCC15/210.1	(2)3VA9687-0FK21 Door mounted rotary operator std. IP65 w.door interlock acce	Siemens
82	+MCC15.2=A122-X1 (6) =A122/1010.6	PT2,5-3L Three level terminal spring	Phoenix Contact
83	+MCC15.2=A222-X1 (6) =A222/1011.6	PT2,5-3L Three level terminal spring	Phoenix Contact
84	+MCC15.2=A322-X1 (6) =A322/1012.6	PT2,5-3L Three level terminal spring	Phoenix Contact
85	+MCC15.2=A422-X1 (6) =A422/1013.6	PT2,5-3L Three level terminal spring	Phoenix Contact
86	+MCC15.2=AC01-TA1001 =AC01/300.1	4AM5742-8DD40-0FA0 TRANSFORMER SITAS; PHASES:1; PN/PN(S6)(kVA):1 /5;	Siemens
87	+MCC15.2=AUX01-EA2002 =DC02/290.5	TIC14415 LED Luminaire 24VDC w. movement sensor, 3M. cable 1 pcs pr p	TIC
88	+MCC15.2=AUX01-FC1001 =AUX01/301.1	5ST3010 AUXILIARY SWITCH MOUNT. 1S+1OE, F. LS-SWITCH T=70MM	Siemens
89	+MCC15.2=AUX01-FC1001 =AUX01/301.1	5SY6106-7 CIRCUIT BREAKER 230/400V 6KA, 1-POLE, C, 6A, D=70MM	Siemens
90	+MCC15.2=AUX01-QA1001 =AUX01/301.3	3RT2015-1BB41 CONTACTOR AC-3 3KW/400V 1NO DC24V 3P SZ S00 SCREW TERMINAL	Siemens
91	+MCC15.2=AUX01-QA1001 =AUX01/301.3	3RT2916-1EH00 Surge Arrestor 400VAC	Siemens
92	+MCC15.2=AUX01-X51 (2) =AUX01/301.1	PT2,5 Terminal spring	Phoenix Contact
93	+MCC15.2=AUX01-X51 =AUX01/301.1	PT2,5-PE Ground terminal spring	Phoenix Contact
94	+MCC15.2=Ax23-X1 (2) =Ax23/1015.1	PTTB2,5 2 level terminal spring	Phoenix Contact
95	+MCC15.2=DC01-1LDC =DC01/280.5	5SY6110-7 CIRCUIT BREAKER 230/400V 6KA, 1-POLE, C, 10A, D=70MM	Siemens
96	+MCC15.2=DC01-2LDC =DC01/280.7	5SY6106-7 CIRCUIT BREAKER 230/400V 6KA, 1-POLE, C, 6A, D=70MM	Siemens
97	+MCC15.2=DC01-X1 (2) =DC01/280.1	PT4 Terminal spring	Phoenix Contact
98	+MCC15.2=DC01-X1 =DC01/280.1	PT4-PE Ground terminal	Phoenix Contact
99	+MCC15.2=DC01-X100 (8) =DC01/280.4	PT2,5 Terminal spring	Phoenix Contact
100	+MCC15.2=DC01-X101 (3) =DC01/280.6	PT2,5 Terminal spring	Phoenix Contact



JHI, USA

Rev.: A01

Dcc.: &EPB

Forming Head #1

Next page : 1104

P100034

Component list

Pos.	Component Page/path	Type Description	Make
101	+MCC15.2=DC01-X102 (7) =DC01/280.7	PT2,5 Terminal spring	Phoenix Contact
102	+MCC15.2=DC02-1LDC =DC02/290.3	5SY6104-7 CIRCUIT BREAKER 230/400V 6KA, 1-POLE, C, 4A, D=70MM	Siemens
103	+MCC15.2=DC02-X1 (2) =DC02/290.1	PT4 Terminal spring	Phoenix Contact
104	+MCC15.2=DC02-X1 =DC02/290.1	PT4-PE Ground terminal	Phoenix Contact
105	+MCC15.2=DC02-X52 (4) =DC02/290.5	PT2,5 Terminal spring	Phoenix Contact
106	+MCC15.2=ES04-QA1010 =ES04/700.1	G7SA-2A2B24DC Safetyrelay 2NO+2NC, 6A	Omron
107	+MCC15.2=ETH15-KF2001 =ETH15/600.1	6GK5216-0BA00-2AB2 SCALANCE XB216 MANAGEABLE SWITCH 16X 10/100 MBITS/S RJ45 POR	Siemens
108	+MCC15.2=IO15-KF1001 =IO15/501.1	6ES7155-6AA01-0BN0 SIMATIC ET 200SP, PROFINET INTERFACE MODULE IM155-6PN STANDA	Siemens
109	+MCC15.2=IO15-KF3001 =IO15/501.3	6ES7193-6BP00-0DA0 SIMATIC ET 200SP, BASEUNIT BU15-P16+A0+2D, BU-TYPE A0, PUSH-	Siemens
110	+MCC15.2=IO15-KF3001 =IO15/501.3	6ES7131-6BH01-0BA0 SIMATIC ET200SP DI 16x24VDC STD	Siemens
111	+MCC15.2=IO15-KF3002 =MCC15/210.4	6ES7193-6BP00-0BA0 SIMATIC ET 200SP, BASEUNIT BU15-P16+A0+2B, BU-TYPE A0, PUSH-	Siemens
112	+MCC15.2=IO15-KF3002 =MCC15/210.4	6ES7131-6BH01-0BA0 SIMATIC ET200SP DI 16x24VDC STD	Siemens
113	+MCC15.2=IO15-KF3003 =DC01/280.8	6ES7193-6BP00-0BA0 SIMATIC ET 200SP, BASEUNIT BU15-P16+A0+2B, BU-TYPE A0, PUSH-	Siemens
114	+MCC15.2=IO15-KF3003 =DC01/280.8	6ES7131-6BH01-0BA0 SIMATIC ET200SP DI 16x24VDC STD	Siemens
115	+MCC15.2=IO15-KF3004 =IO15/503.1	6ES7193-6BP00-0DA0 SIMATIC ET 200SP, BASEUNIT BU15-P16+A0+2D, BU-TYPE A0, PUSH-	Siemens
116	+MCC15.2=IO15-KF3004 =IO15/503.1	6ES7132-6BF01-0BA0 SIMATIC ET 200SP, OUTPUT DQ 8X24VDC/0,5A STANDARD	Siemens
117	+MCC15.2=IO15-KF3005 =AUX01/301.2	6ES7193-6BP00-0BA0 SIMATIC ET 200SP, BASEUNIT BU15-P16+A0+2B, BU-TYPE A0, PUSH-	Siemens
118	+MCC15.2=IO15-KF3005 =AUX01/301.2	6ES7132-6BF01-0BA0 SIMATIC ET 200SP, OUTPUT DQ 8X24VDC/0,5A STANDARD	Siemens
119	+MCC15.2=IO15-KF3006 =IO15/503.5	6ES7134-6JD00-0CA1 SIMATIC ET 200SP, AI 4XRTD/TC HIGH FEATURE, FITS TO BU-TYPE	Siemens
120	+MCC15.2=IO15-KF3006 =IO15/503.5	6ES7193-6BP00-0DA0 SIMATIC ET 200SP, BASEUNIT BU15-P16+A0+2D, BU-TYPE A0, PUSH-	Siemens
121	+MCC15.2=IO15-KF3007 =IO15/503.7	6ES7134-6JD00-0CA1 SIMATIC ET 200SP, AI 4XRTD/TC HIGH FEATURE, FITS TO BU-TYPE	Siemens
122	+MCC15.2=IO15-KF3007 =IO15/503.7	6ES7193-6BP00-0BA0 SIMATIC ET 200SP, BASEUNIT BU15-P16+A0+2B, BU-TYPE A0, PUSH-	Siemens
123	+MCC15.2=IO15-KF3008 =IO15/504.1	6ES7134-6JD00-0CA1 SIMATIC ET 200SP, AI 4XRTD/TC HIGH FEATURE, FITS TO BU-TYPE	Siemens
124	+MCC15.2=IO15-KF3008 =IO15/504.1	6ES7193-6BP00-0BA0 SIMATIC ET 200SP, BASEUNIT BU15-P16+A0+2B, BU-TYPE A0, PUSH-	Siemens
125	+MCC15.2=IO15-KF3009 =IO15/504.3	6ES7193-6BP00-0DA0 SIMATIC ET 200SP, BASEUNIT BU15-P16+A0+2D, BU-TYPE A0, PUSH-	Siemens



JHI, USA

Forming Head #1

P100034

Rev.: A01

Dcc.: &EPB

Next page : 1105

Component list

Pos.	Component Page/path	Type Description	Make
126	+MCC15.2=IO15-KF3009 =IO15/504.3	6ES7136-6DB00-0CA0 SIMATIC ET 200SP, SAFETY F-DQ 4XDC 24V/2A	Siemens
127	+MCC15.2=IO15-KF3010 =IO15/504.5	6ES7193-6BP00-0BA0 SIMATIC ET 200SP, BASEUNIT BU15-P16+A0+2B, BU-TYPE A0, PUSH-	Siemens
128	+MCC15.2=IO15-KF3010 =IO15/504.5	6ES7136-6DB00-0CA0 SIMATIC ET 200SP, SAFETY F-DQ 4XDC 24V/2A	Siemens
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150			

	JHI, USA		Rev.: A01	Dcc.: &EPB
	Forming Head #1		Next page : kabelplan	
	P100034			
Components list	Last changed : 01-12-2020	Last printed : 08-07-2021	Page 1105	

Graphic Cable Plan



