

**JHI, USA**

**Filter & Humidifiers**

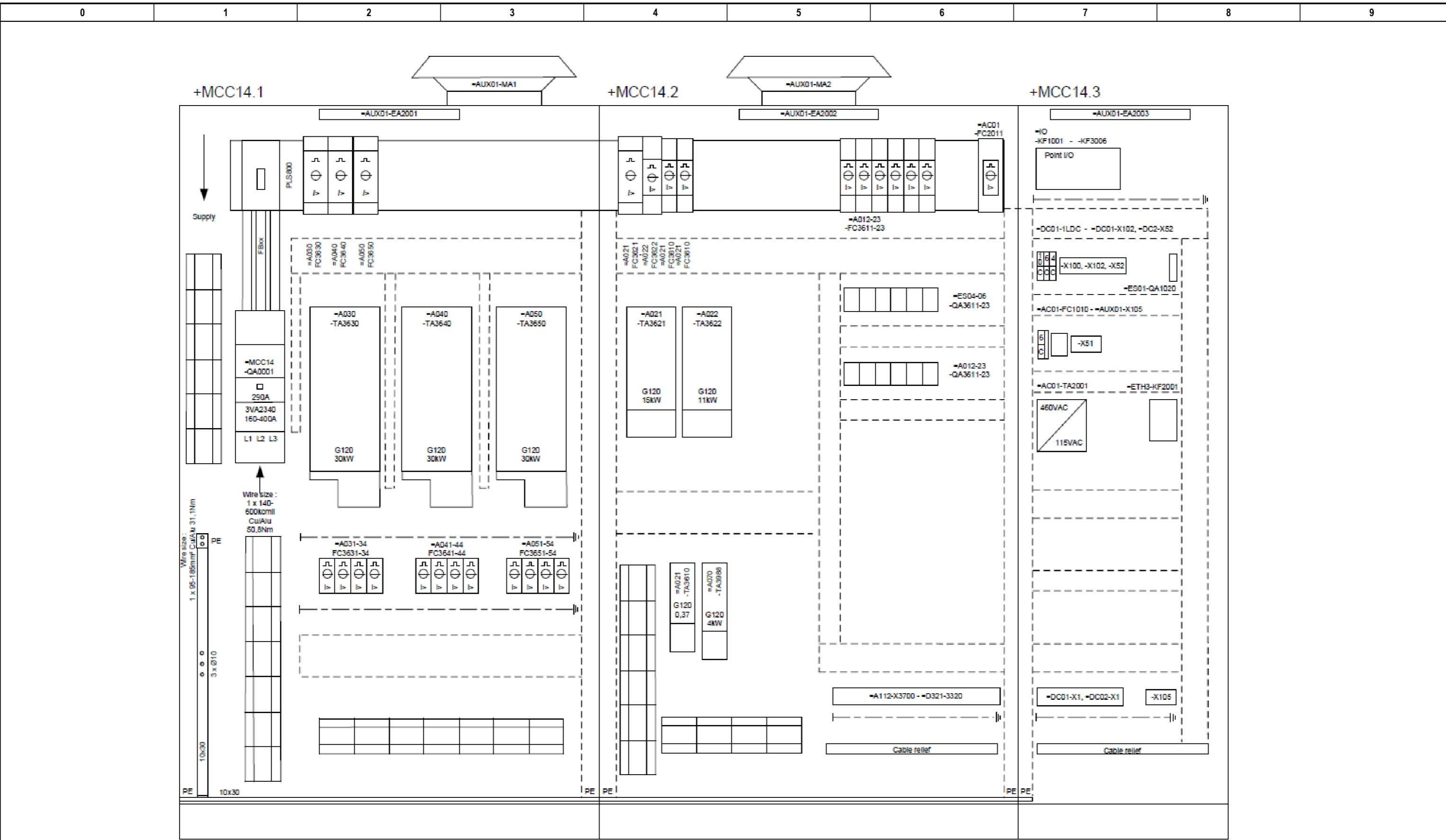
**+MCC14**



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

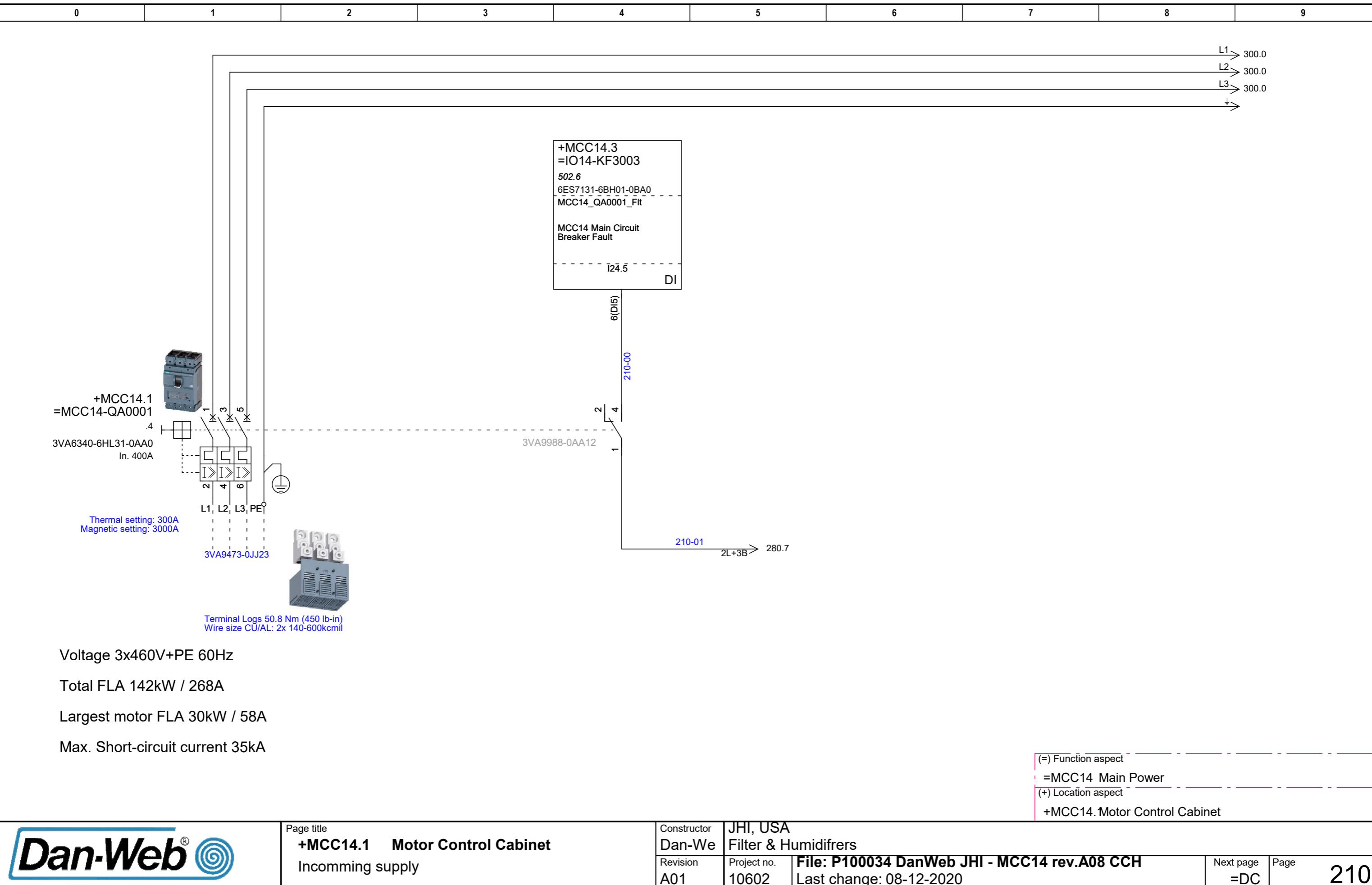
0 1 2 3 4 5 6 7 8 9





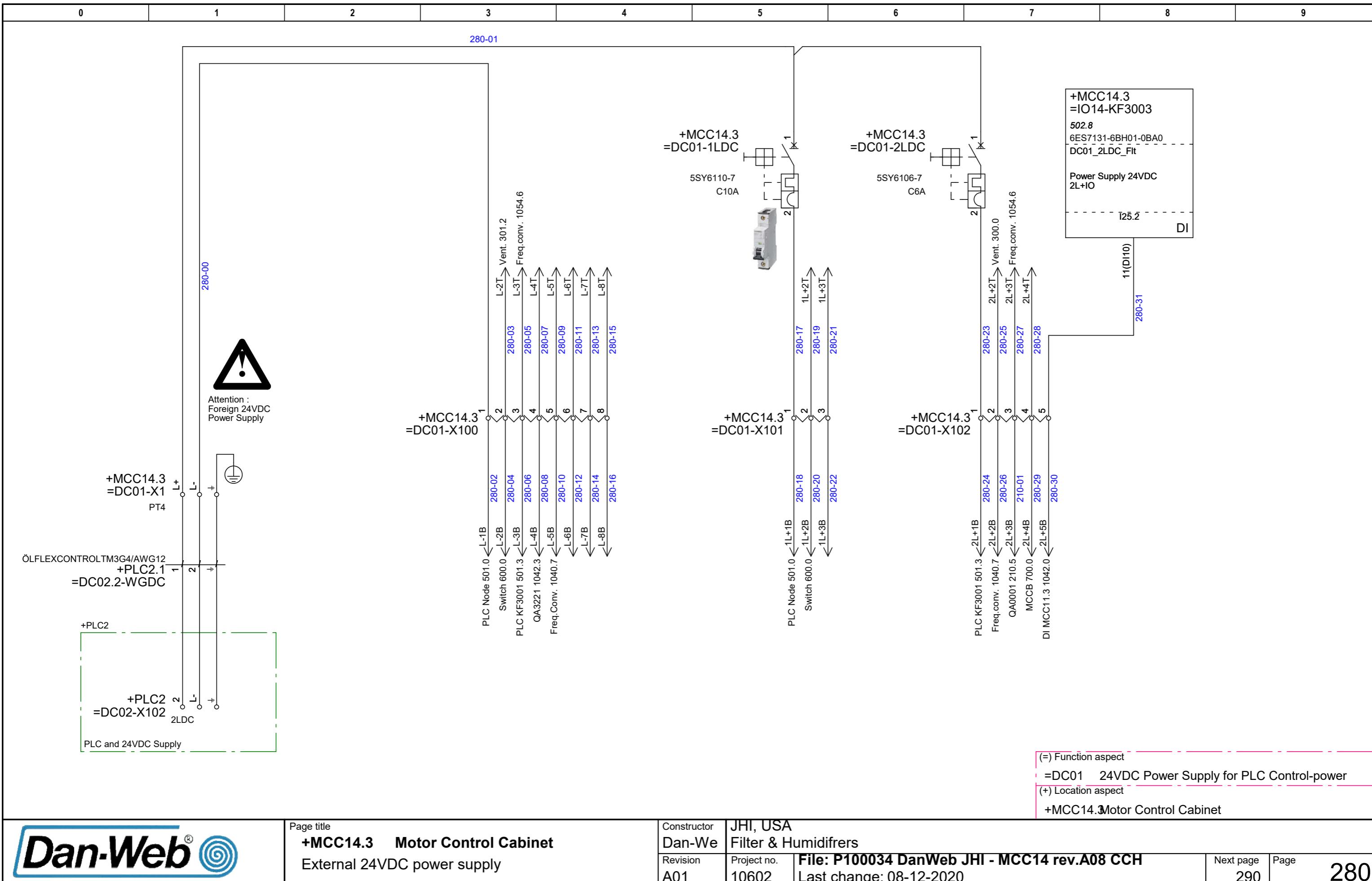
**Power distribution**



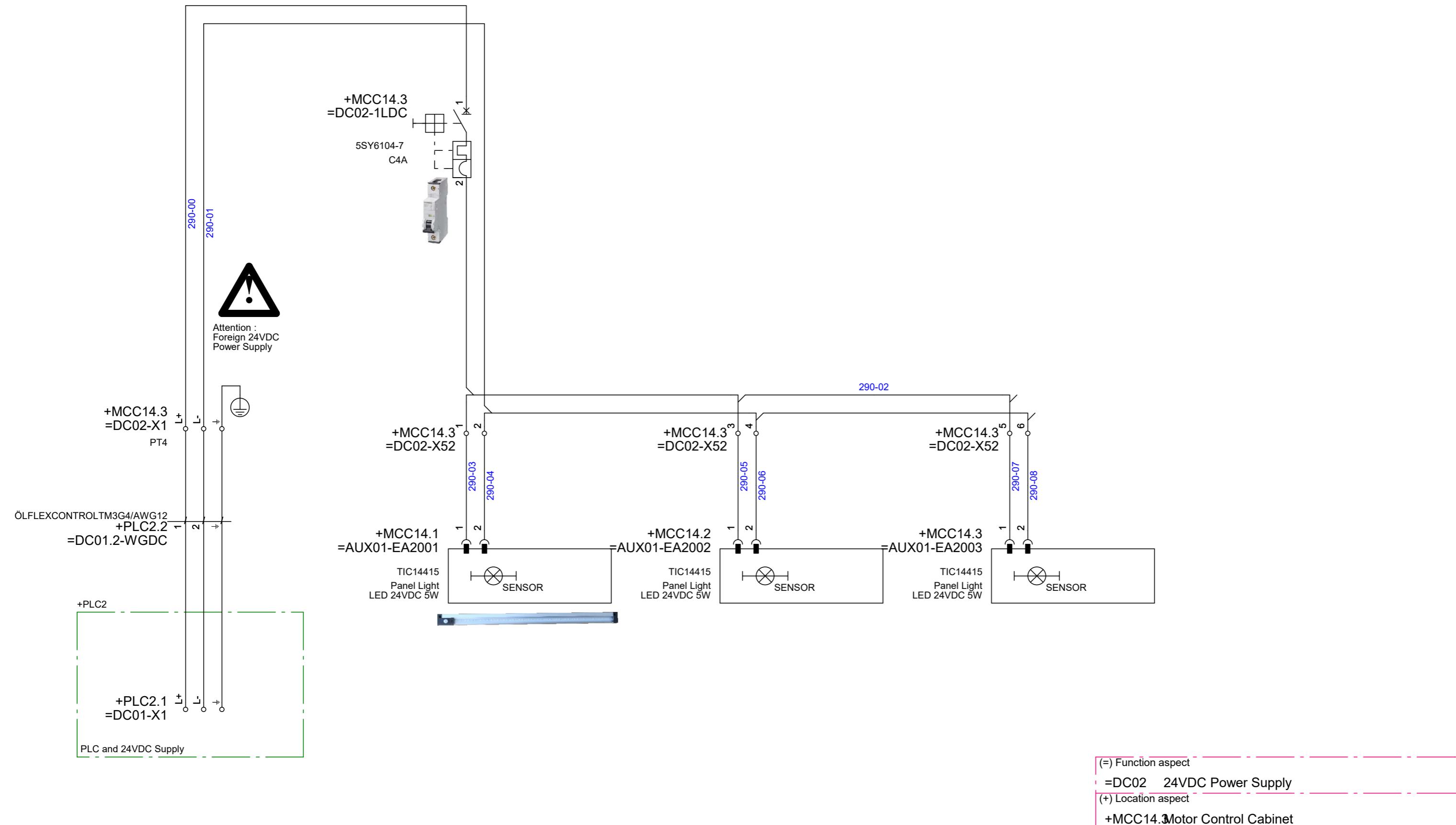




**24VDC Power Supply**

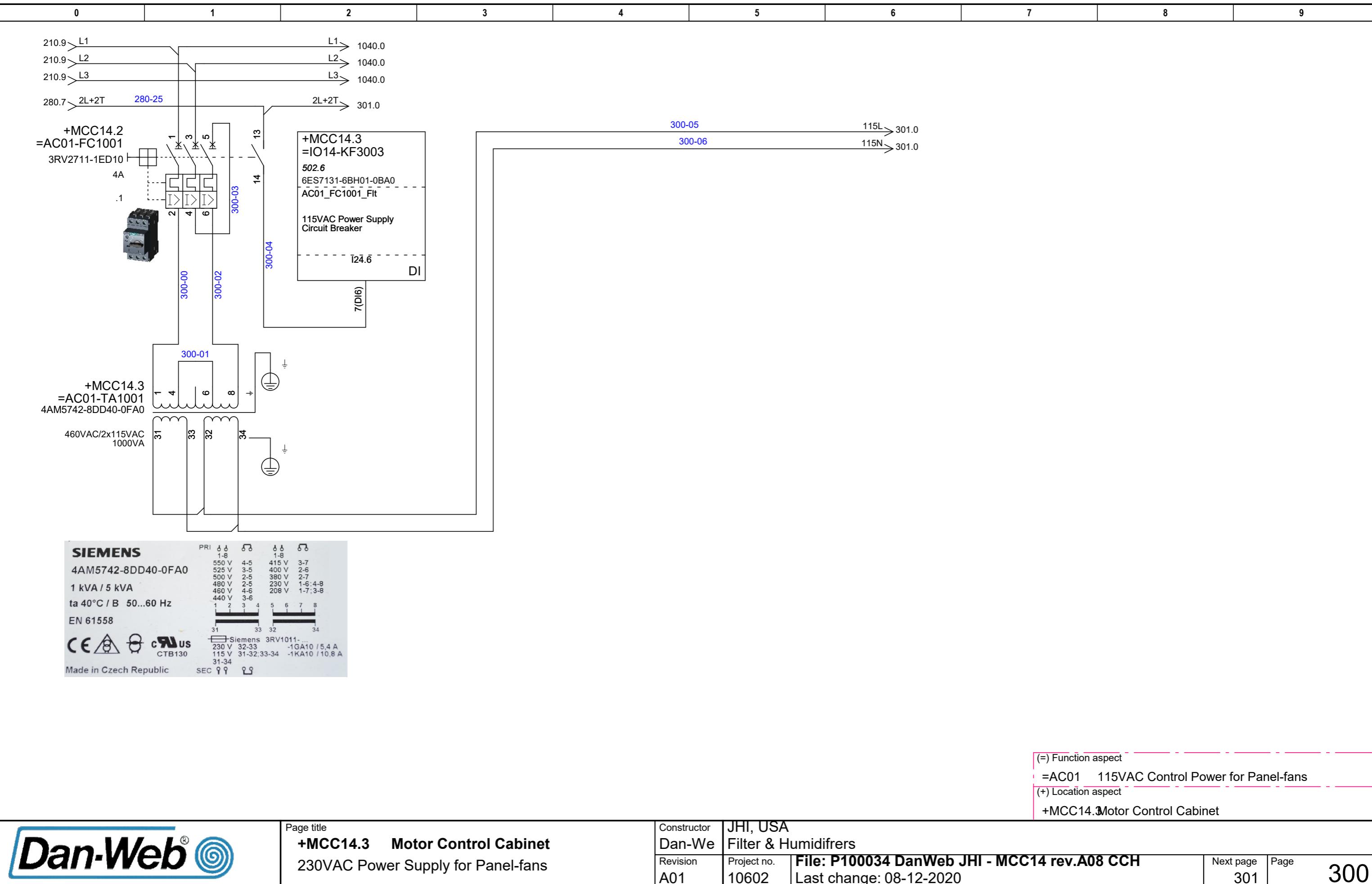


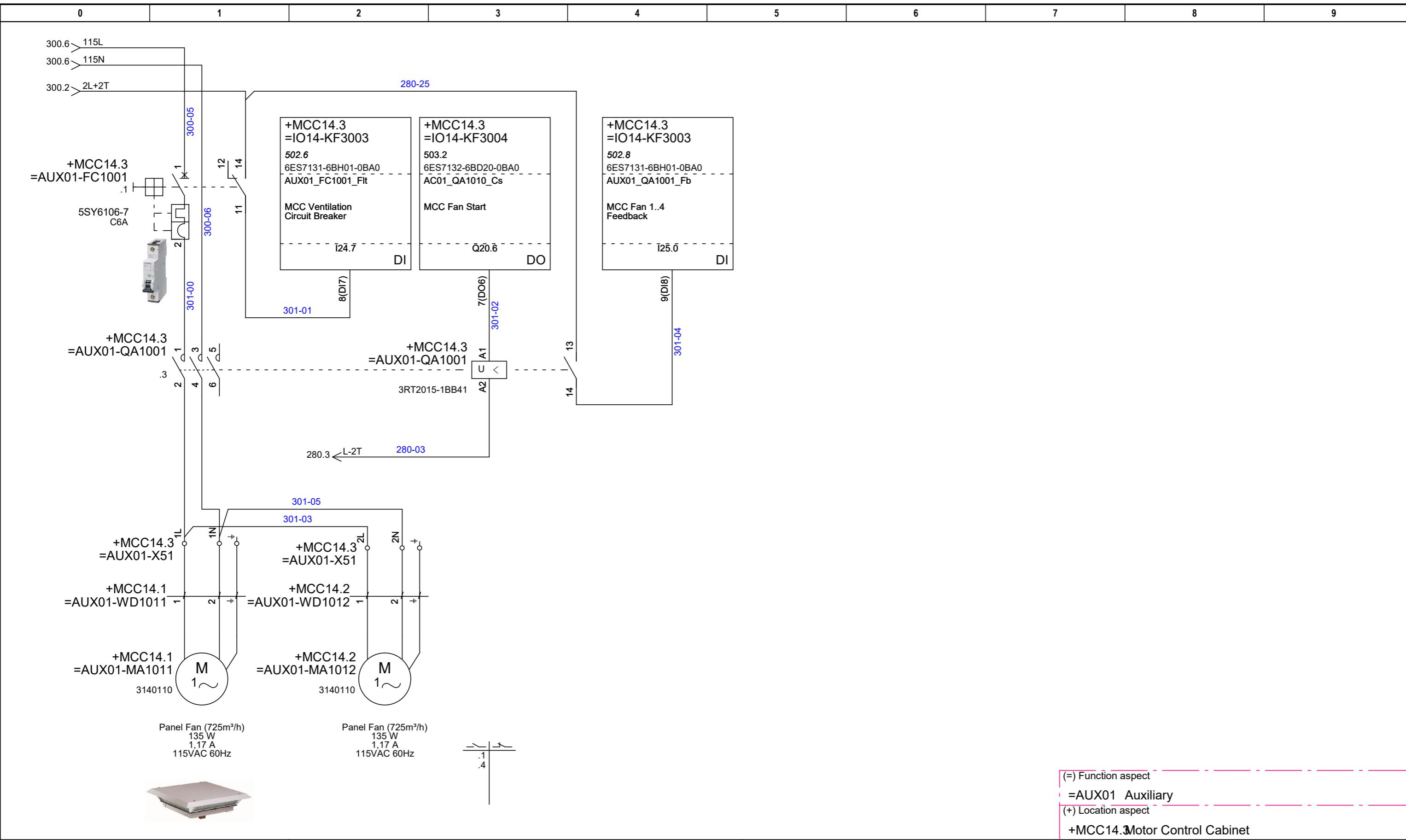
0 1 2 3 4 5 6 7 8 9



**115VAC Power Supply for Panel-fans**



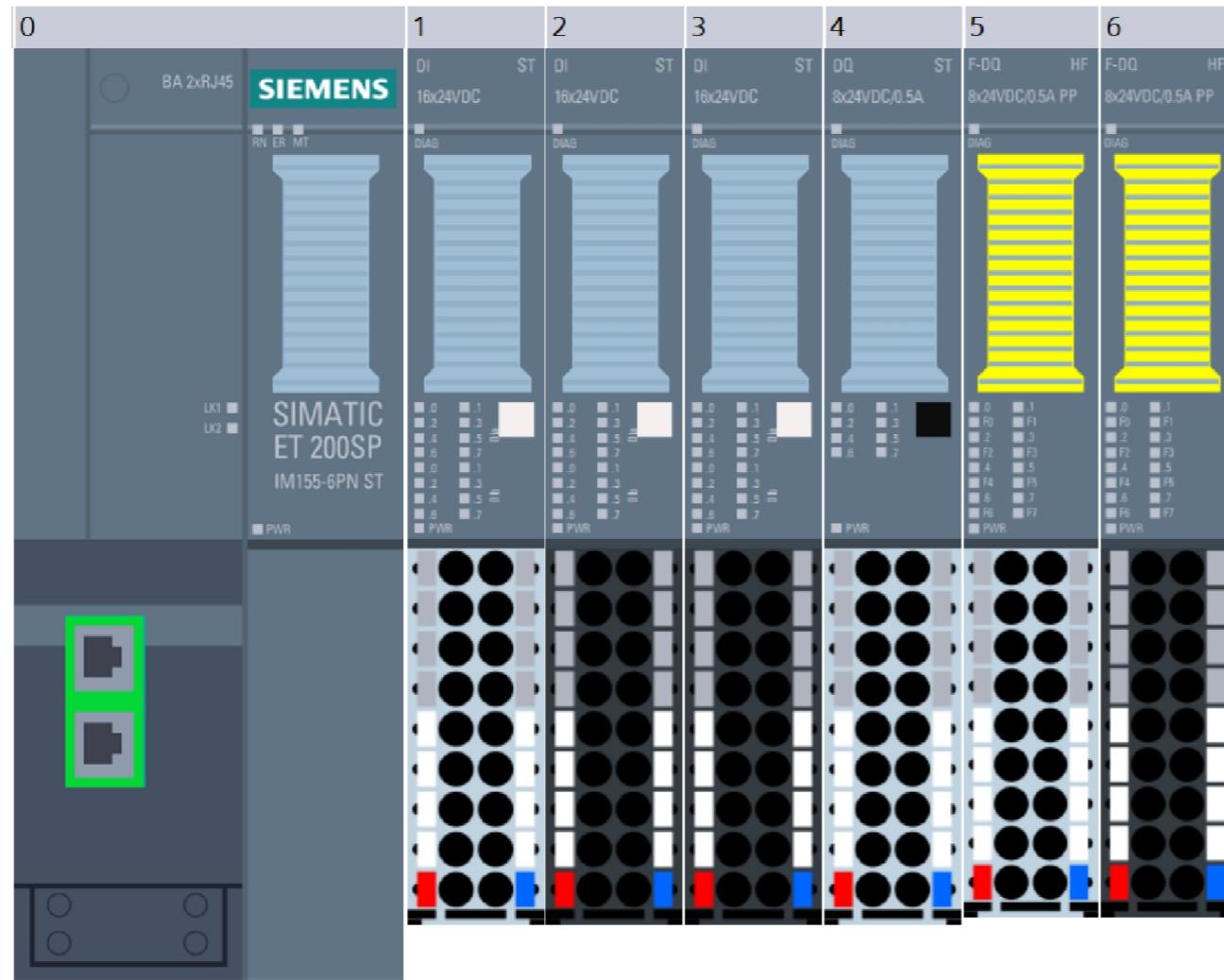




# Distributed I/O system

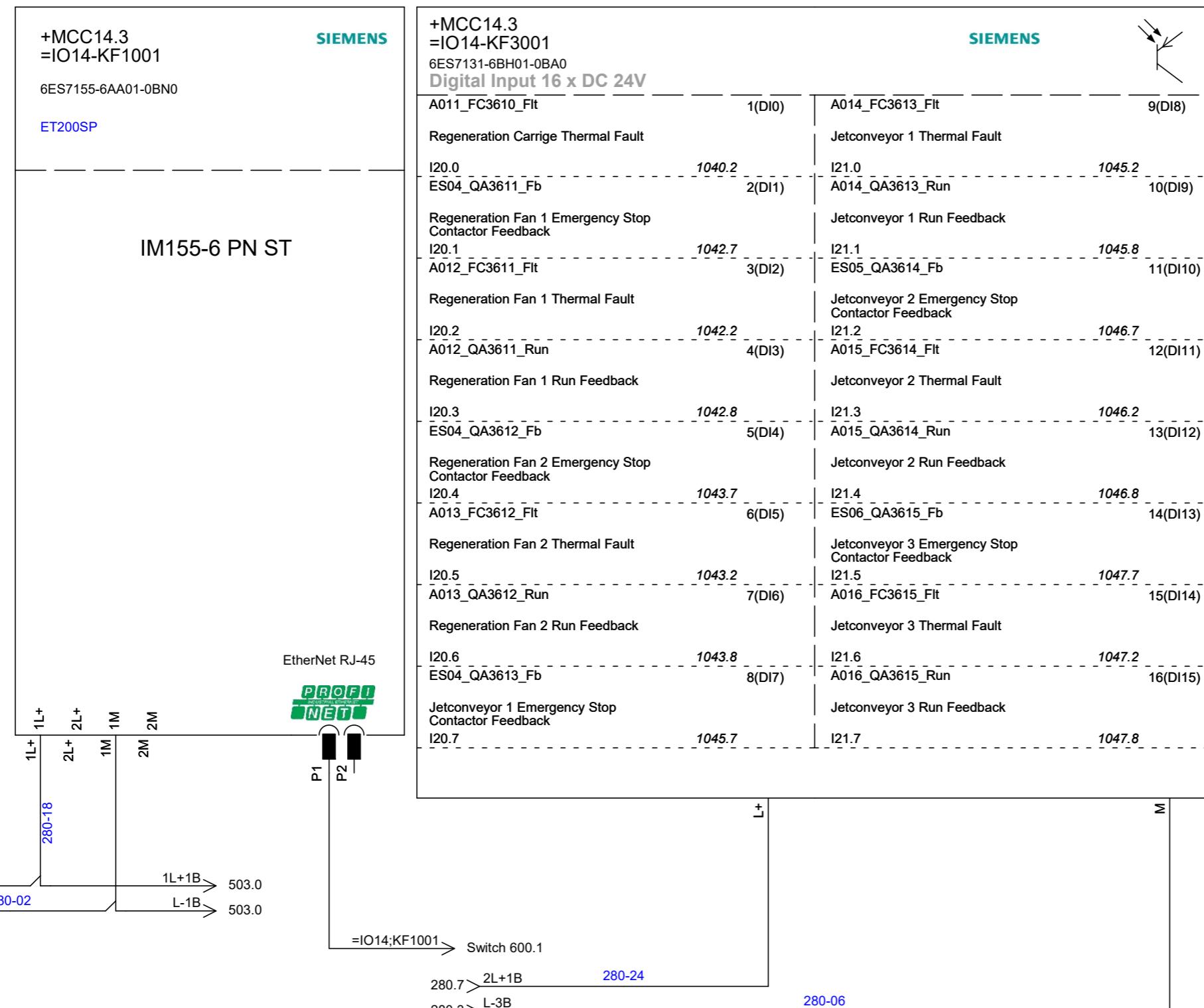


0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---

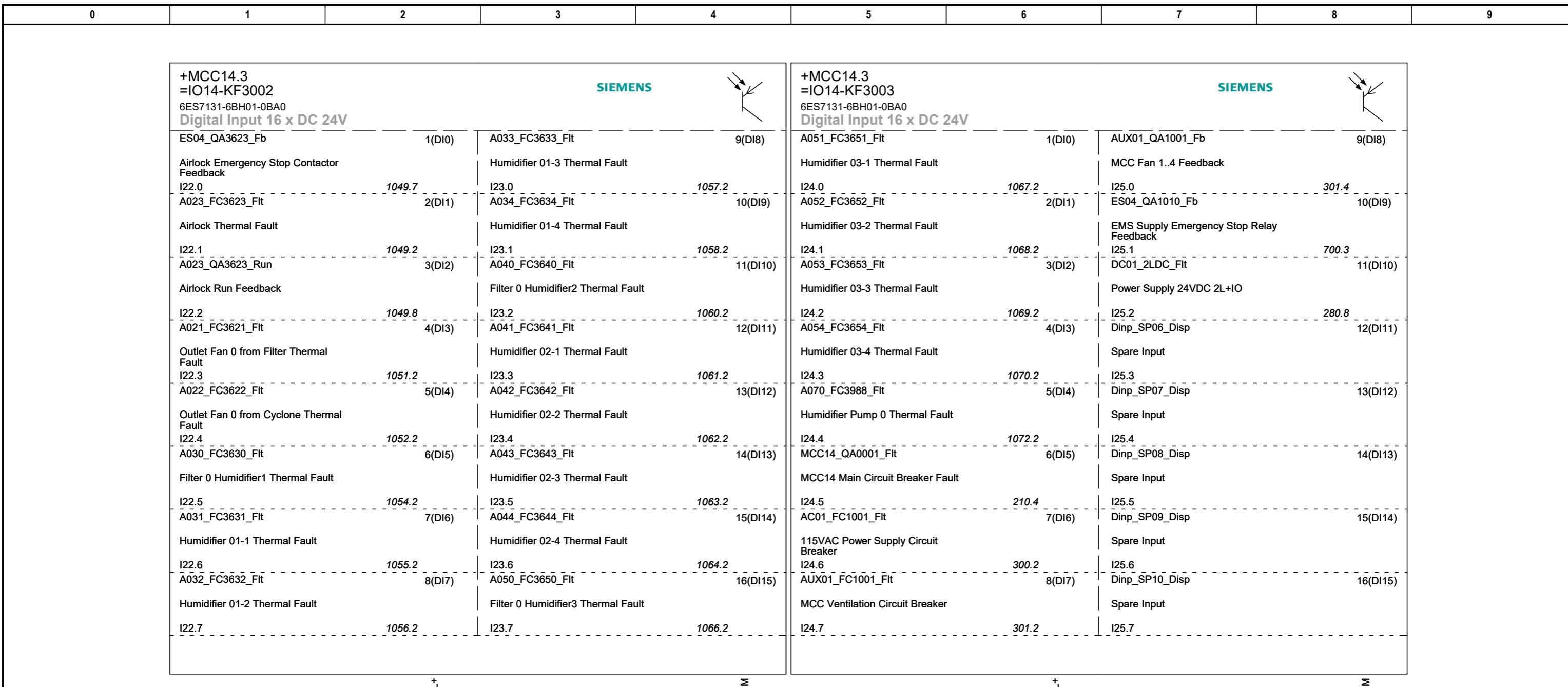


(=) Function aspect  
 =IO14 I/O System MCC14  
 (+) Location aspect  
 +MCC14.3 Motor Control Cabinet

0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---



(=) Function aspect  
 =IO14 I/O System MCC14  
 (+) Location aspect  
 +MCC14.3 Motor Control Cabinet



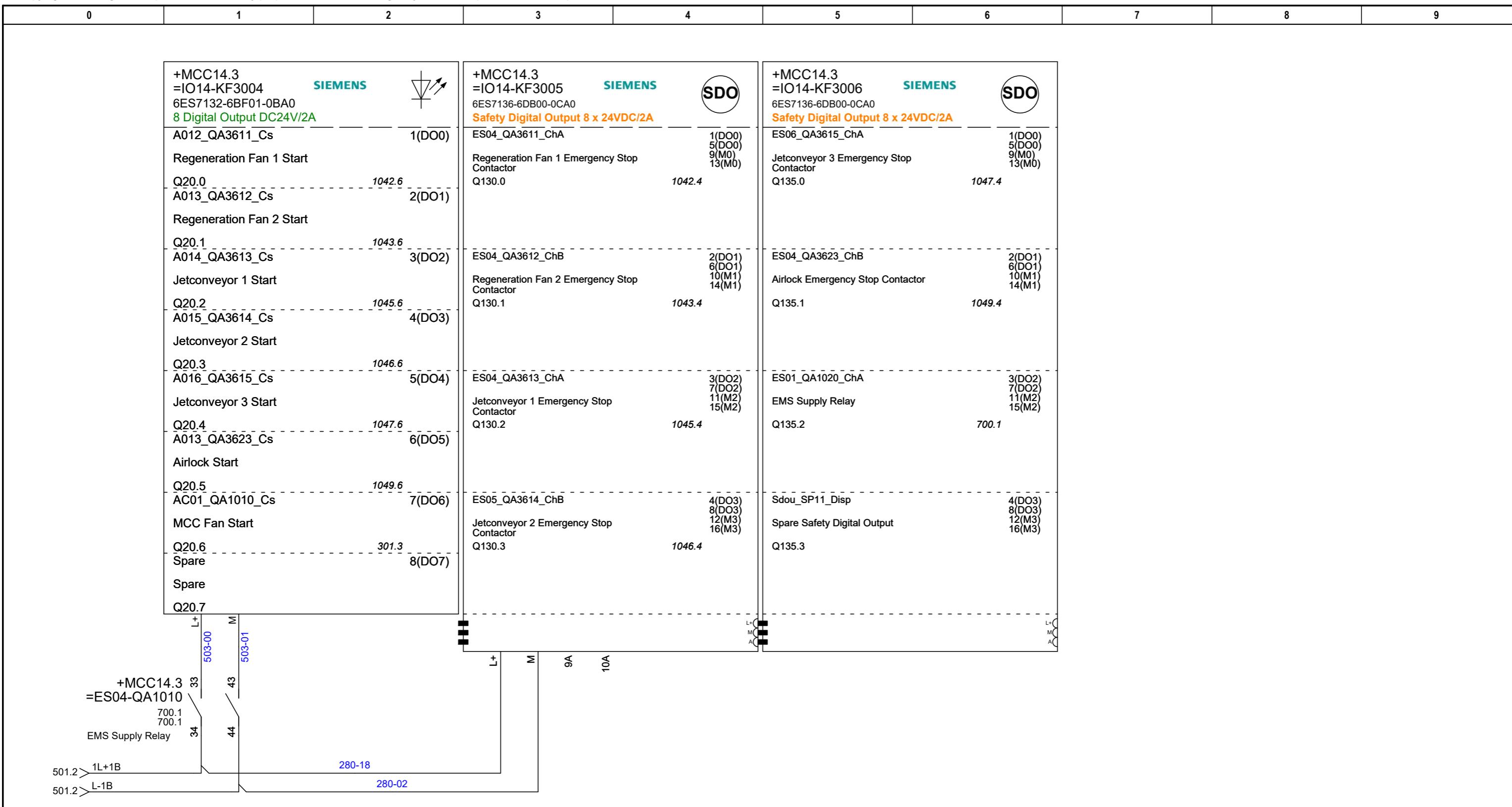
±

Ξ

±

Ξ

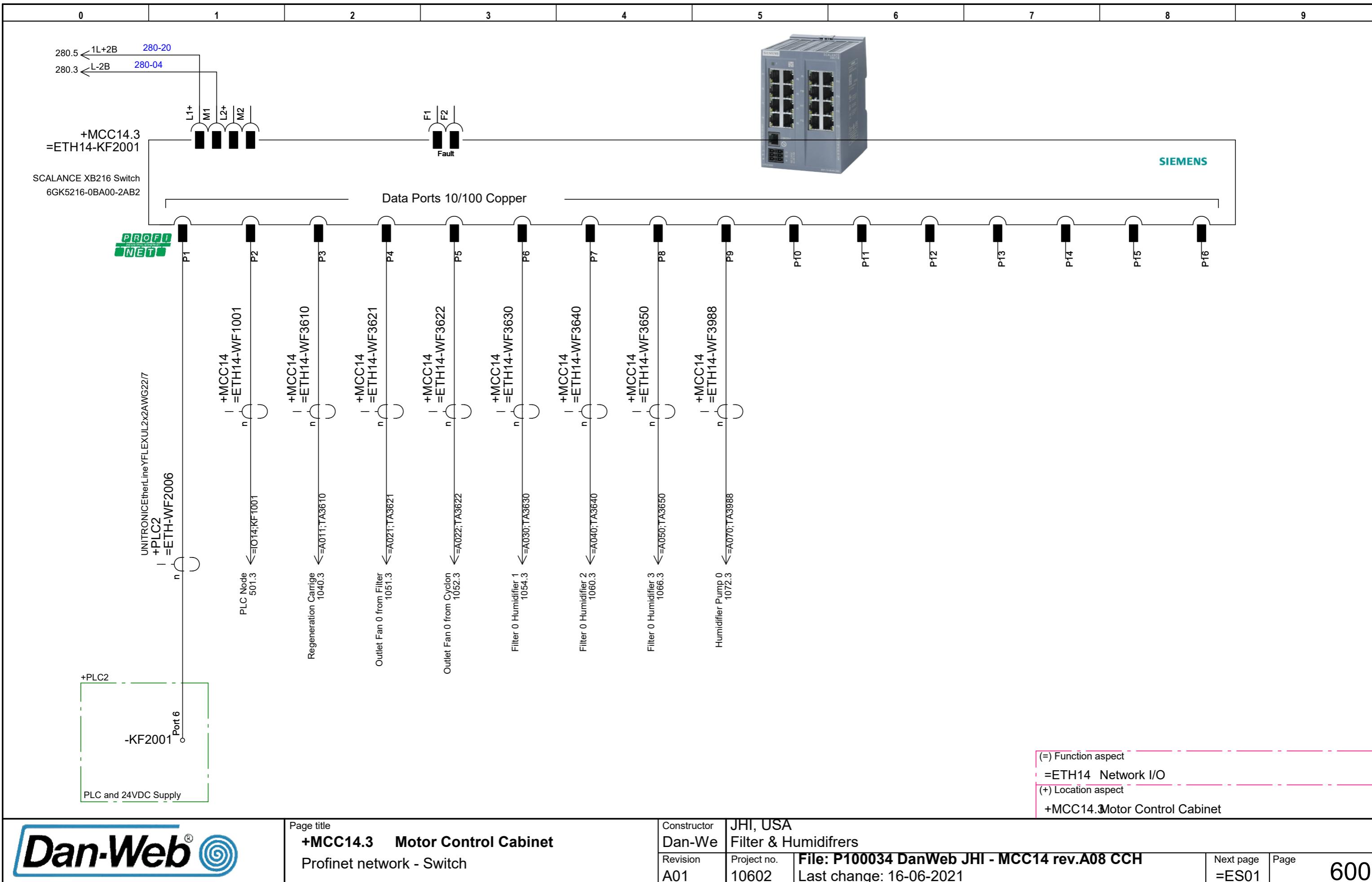
(=) Function aspect  
=IO14 I/O System MCC14  
(+) Location aspect  
+MCC14.3 Motor Control Cabinet



(=) Function aspect  
=IO14 I/O System MCC14  
(+ Location aspect  
+MCC14.3 Motor Control Cabinet



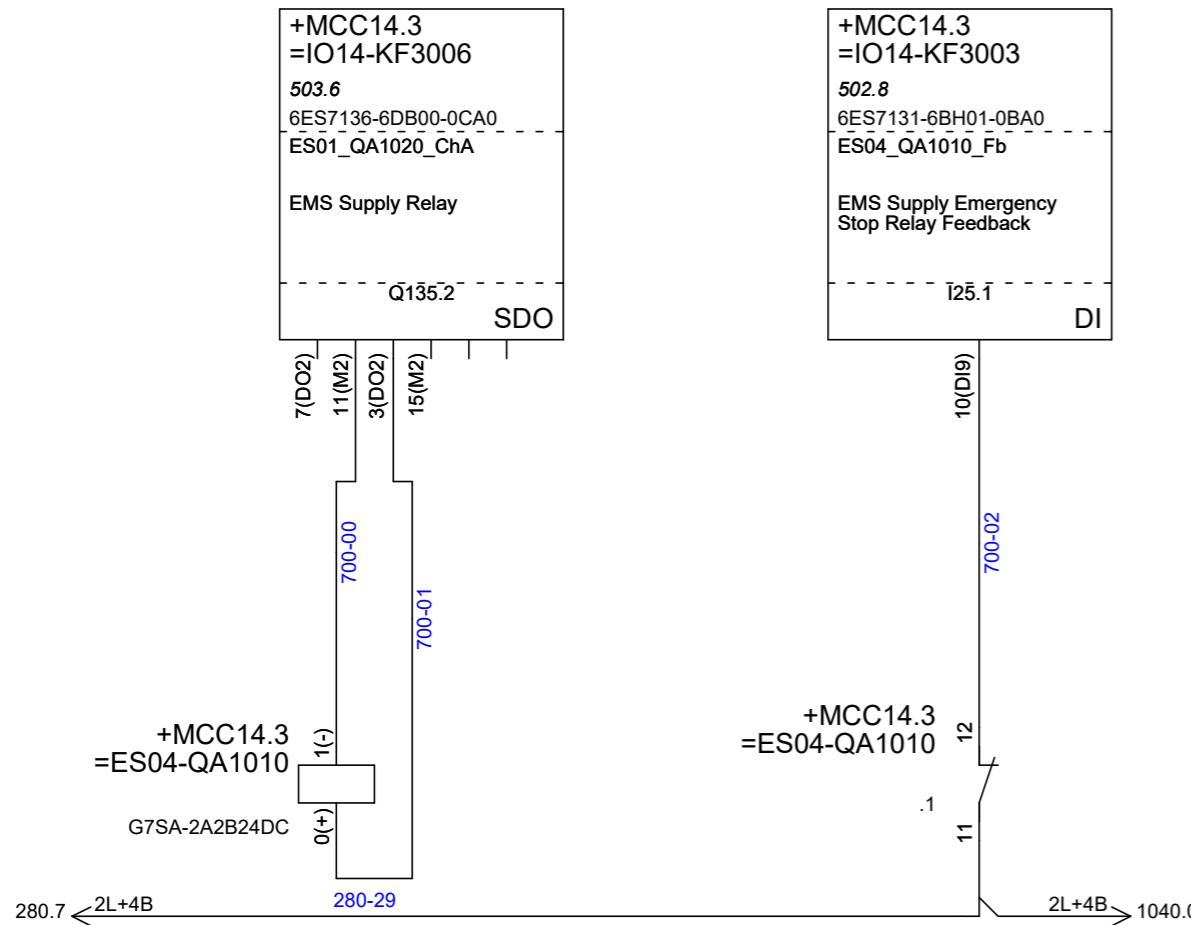
**Network I/O**





**Emergency Stop**

0	1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---	---

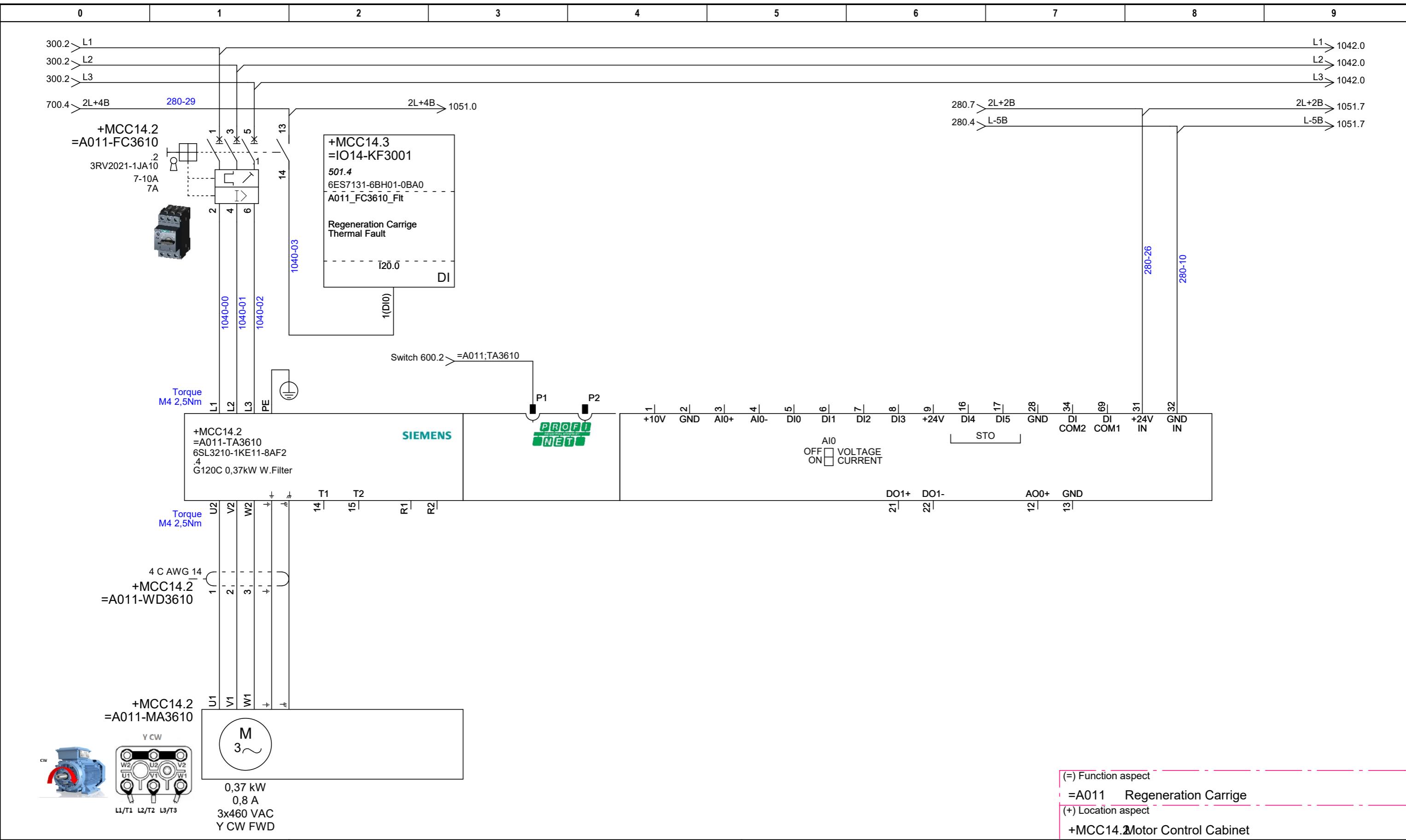


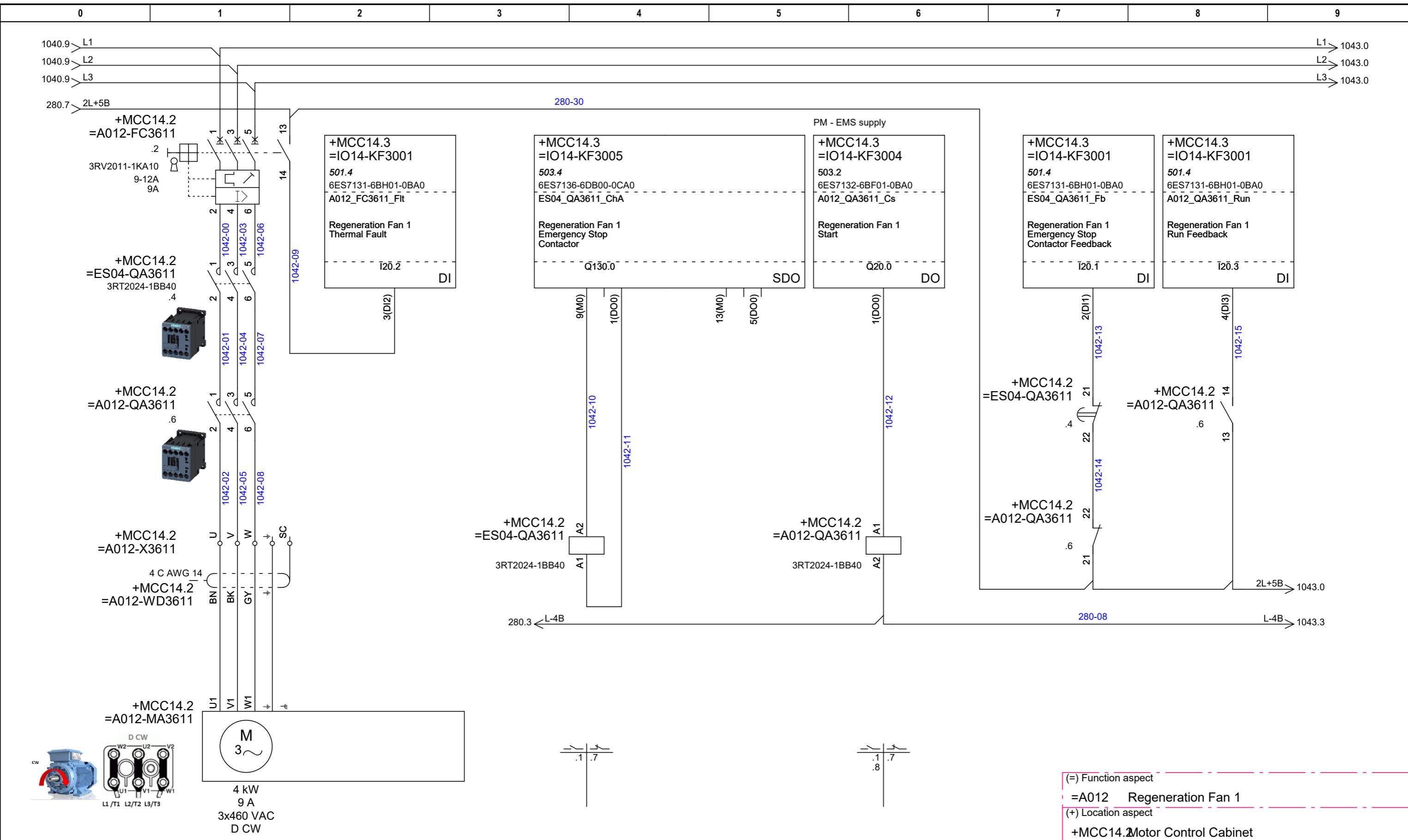
503.1 .3  
503.1

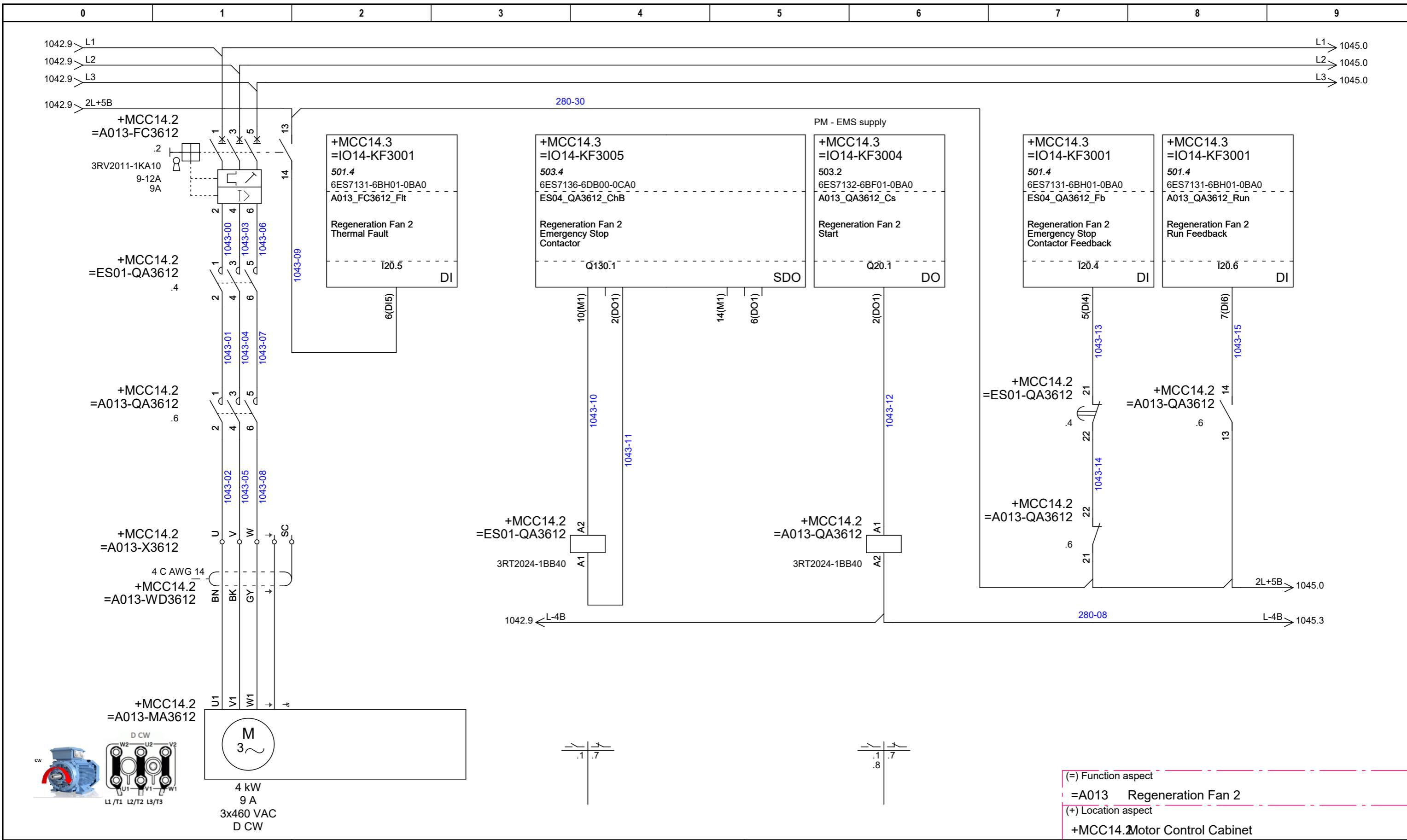
(=) Function aspect  
 (=) ES01 Safety Zone 1  
 (+) Location aspect  
 +MCC14.3 Motor Control Cabinet

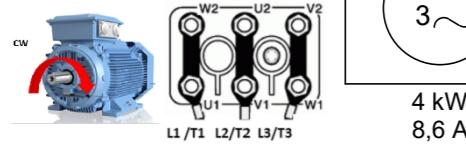
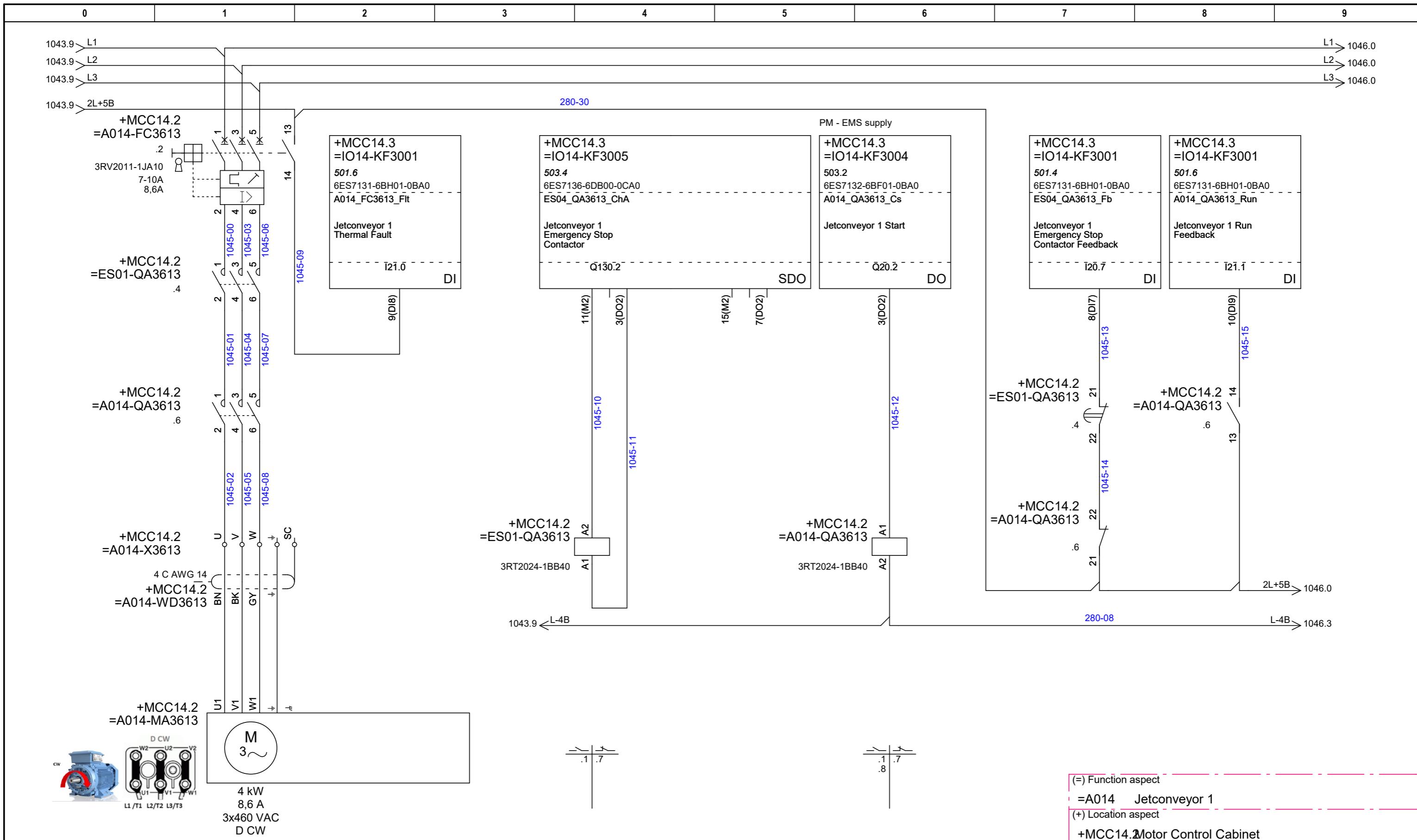


**Motors**









Page tit

## +MCC14.2 Motor Control Cabinet

Constructive  
Dan-W

Constructor  
Dan-We

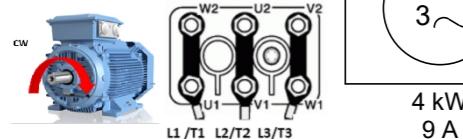
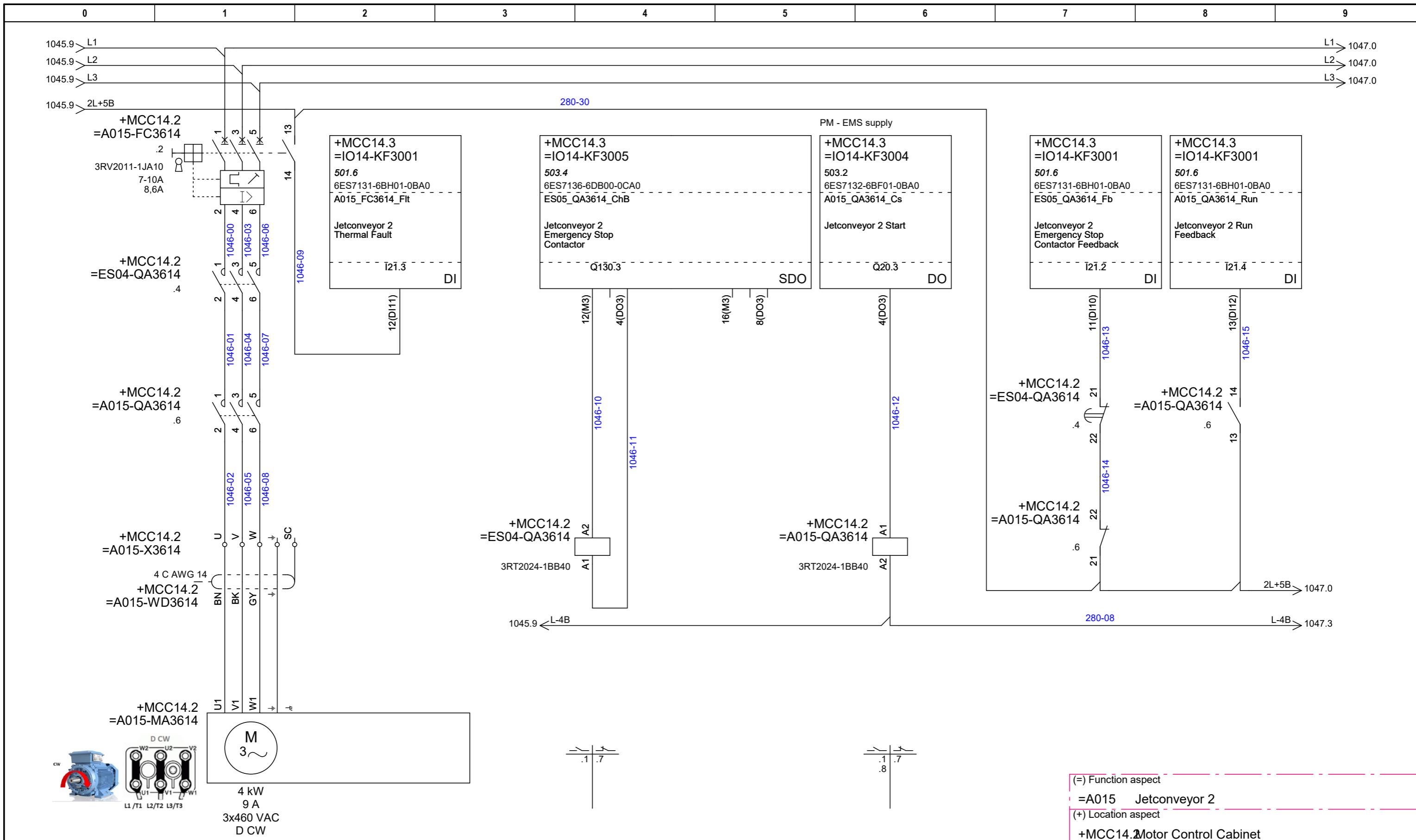
Revision  
A01

Project no.  
10602

File: P100034 DanWeb JHI - MCC14 rev.A08 CCH  
Last change: 08-12-2020

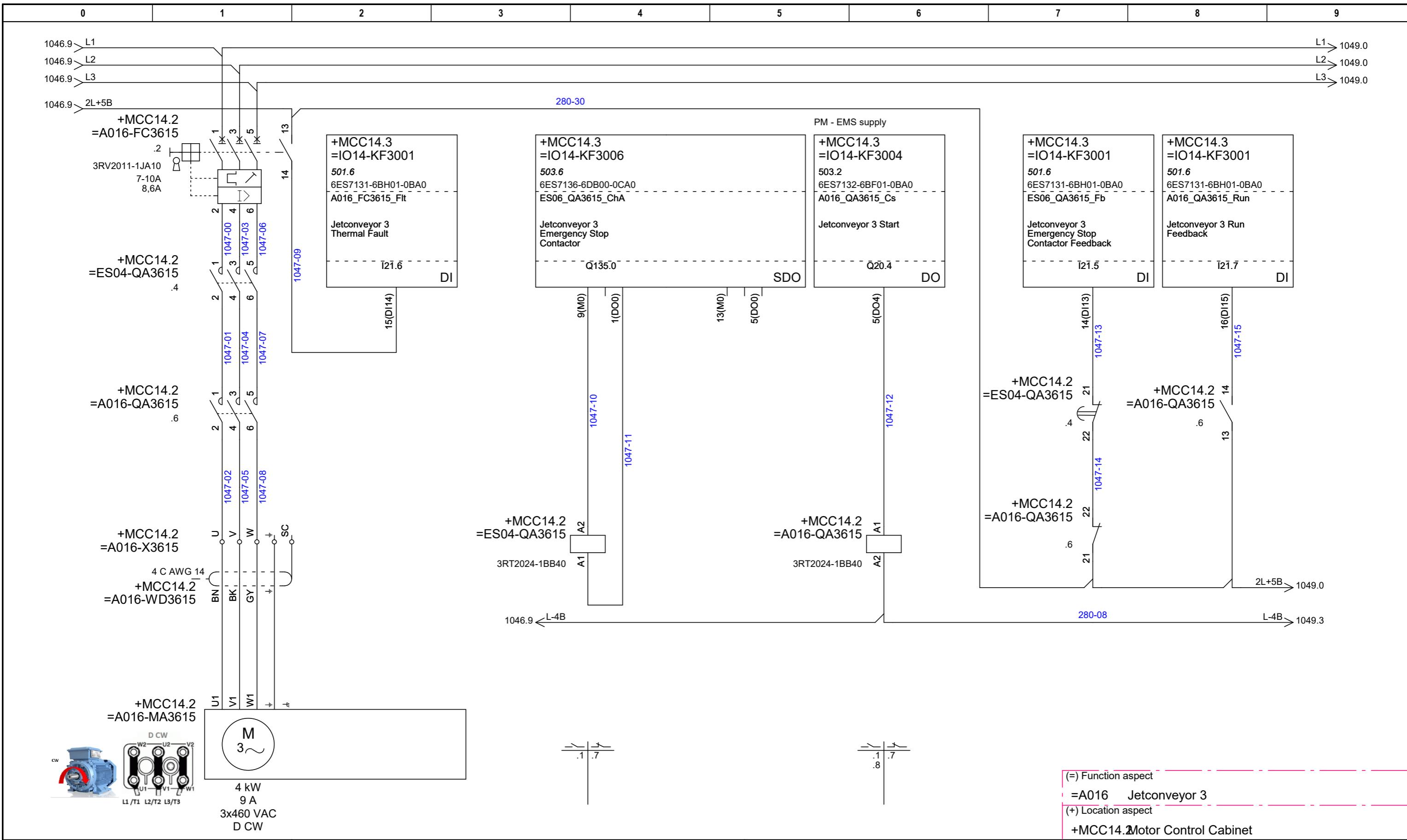
Next page Page  
1046

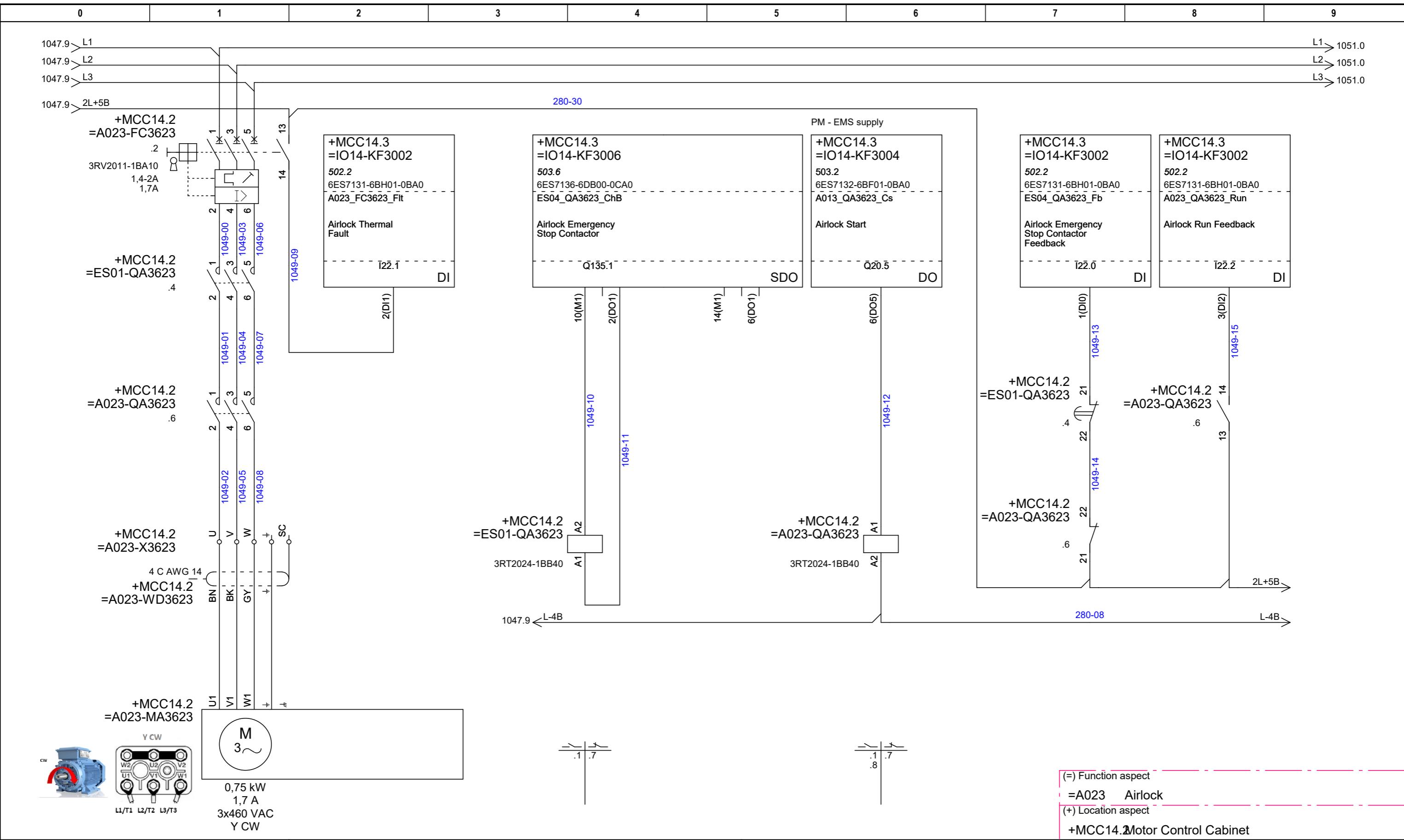
1045

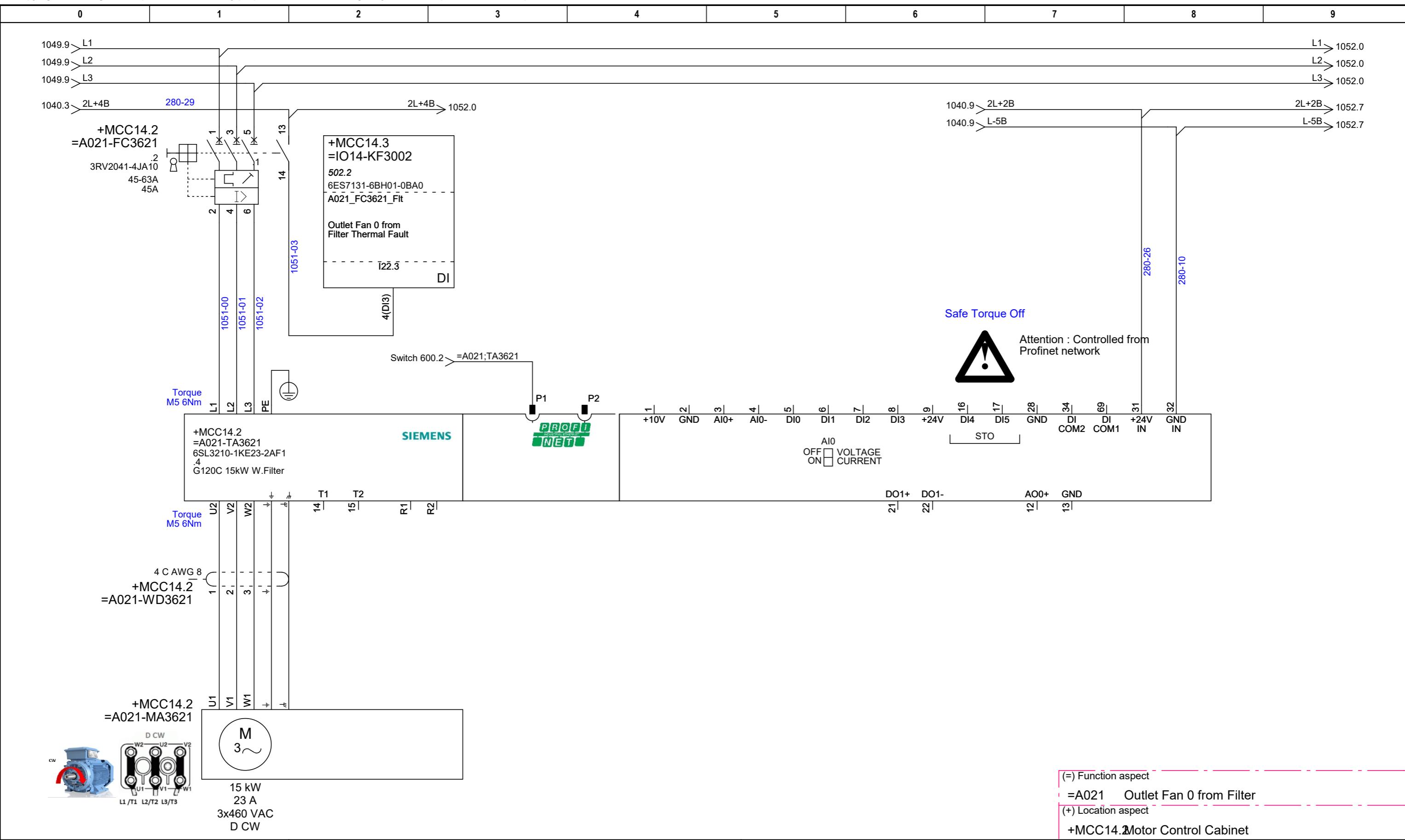


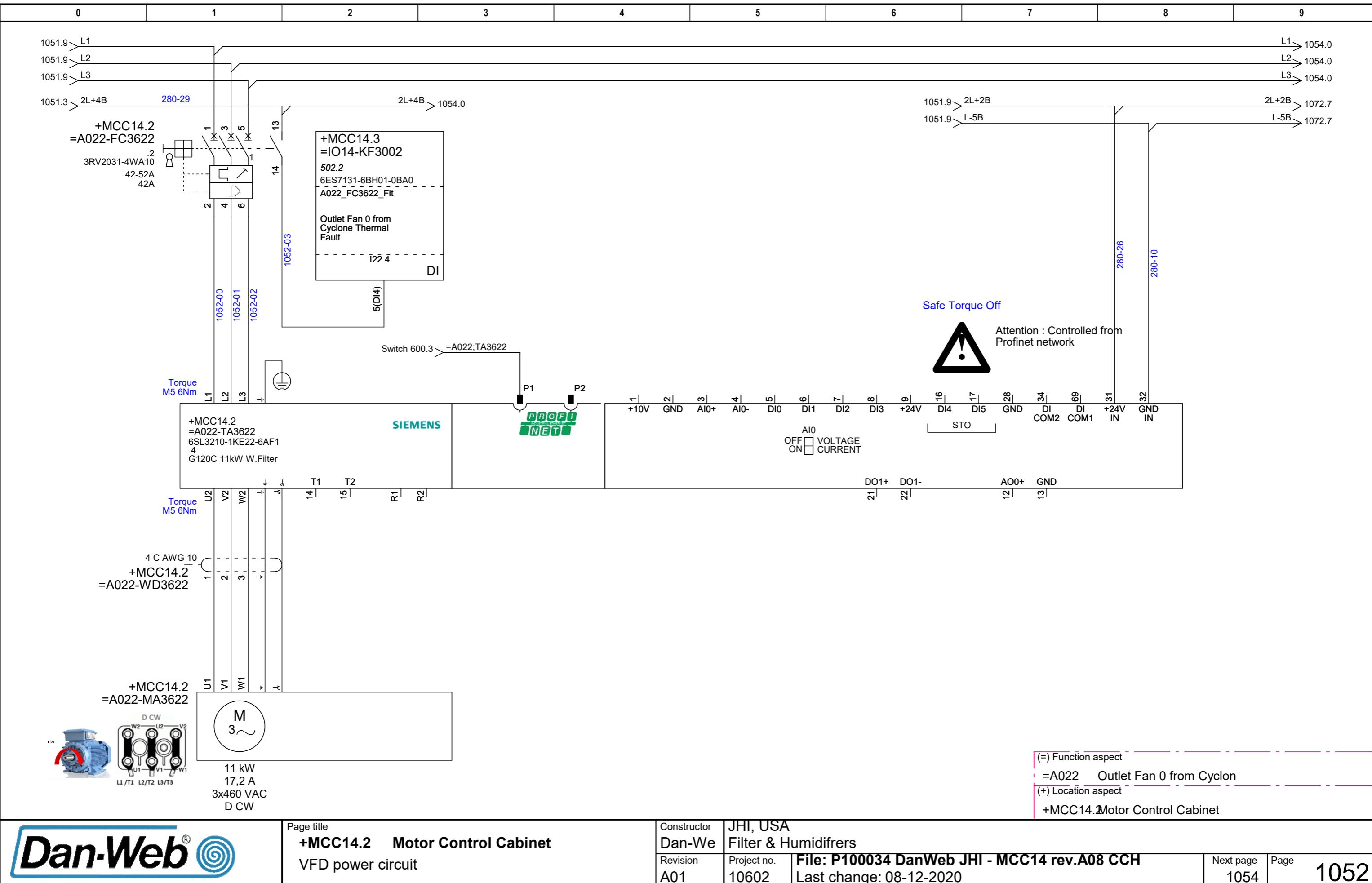
3x460 VAC  
D CW

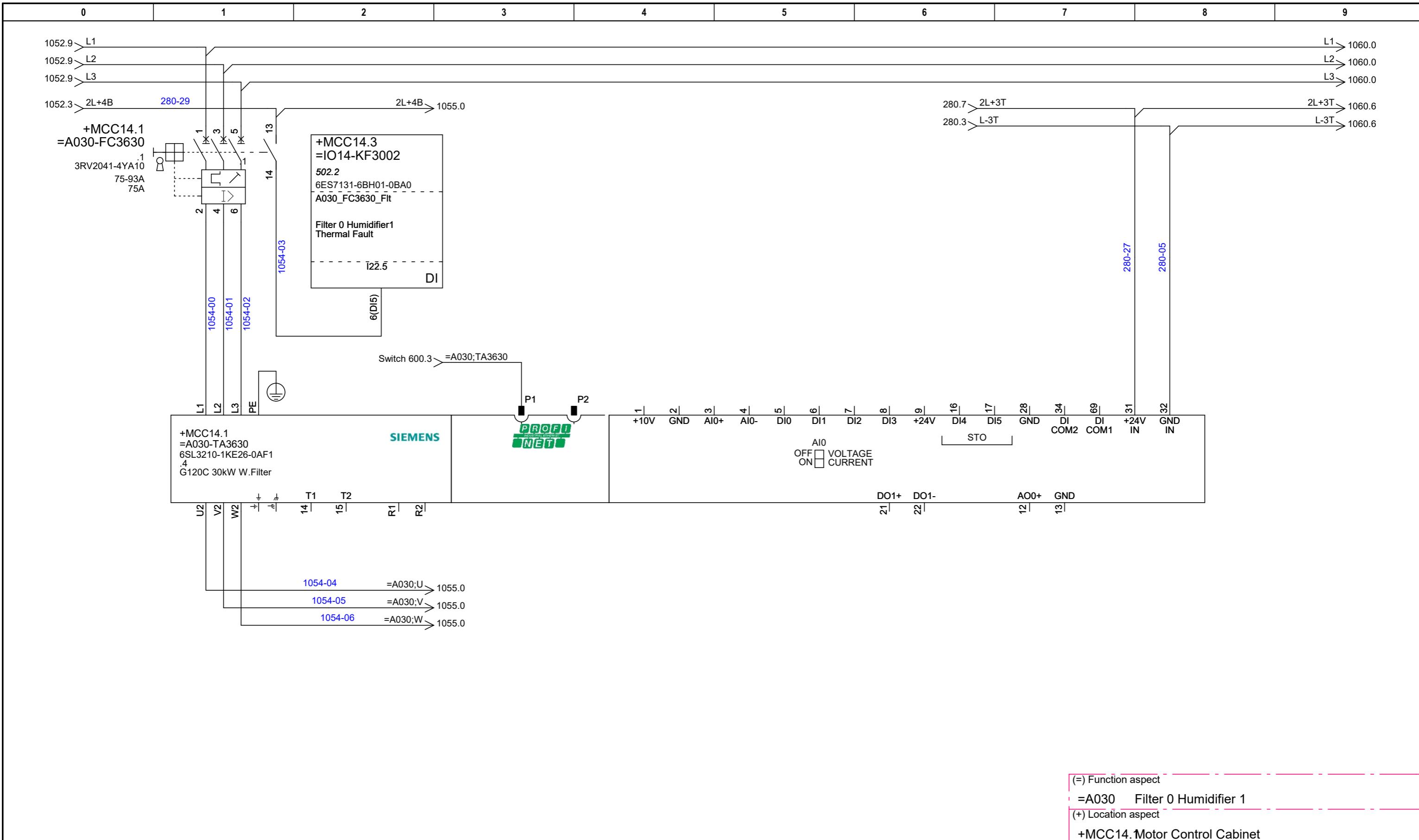
- (=) Function aspect
- =A015 Jetconveyor 2
- (+) Location aspect
- +MCC14.1 Motor Control Cabinet

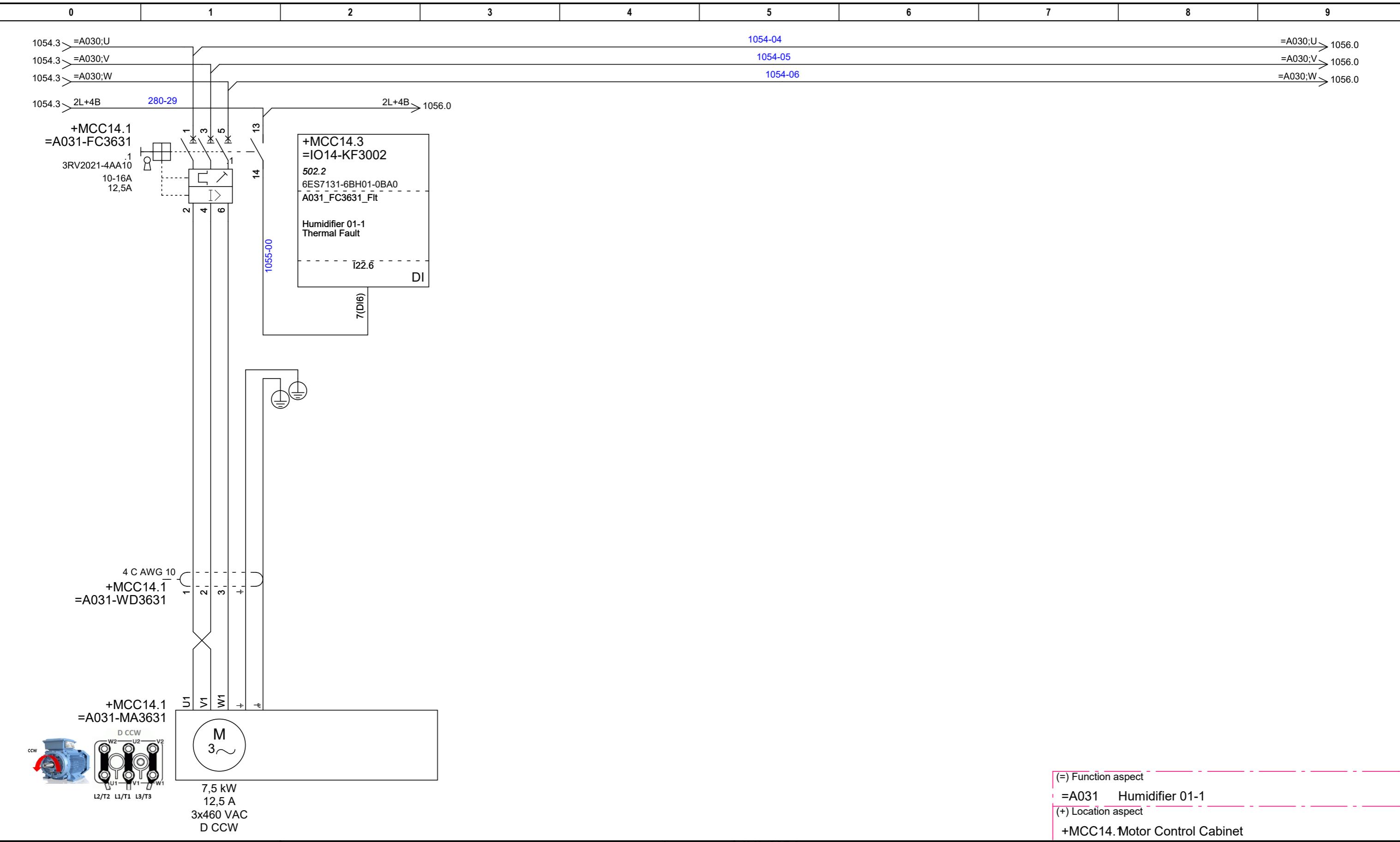


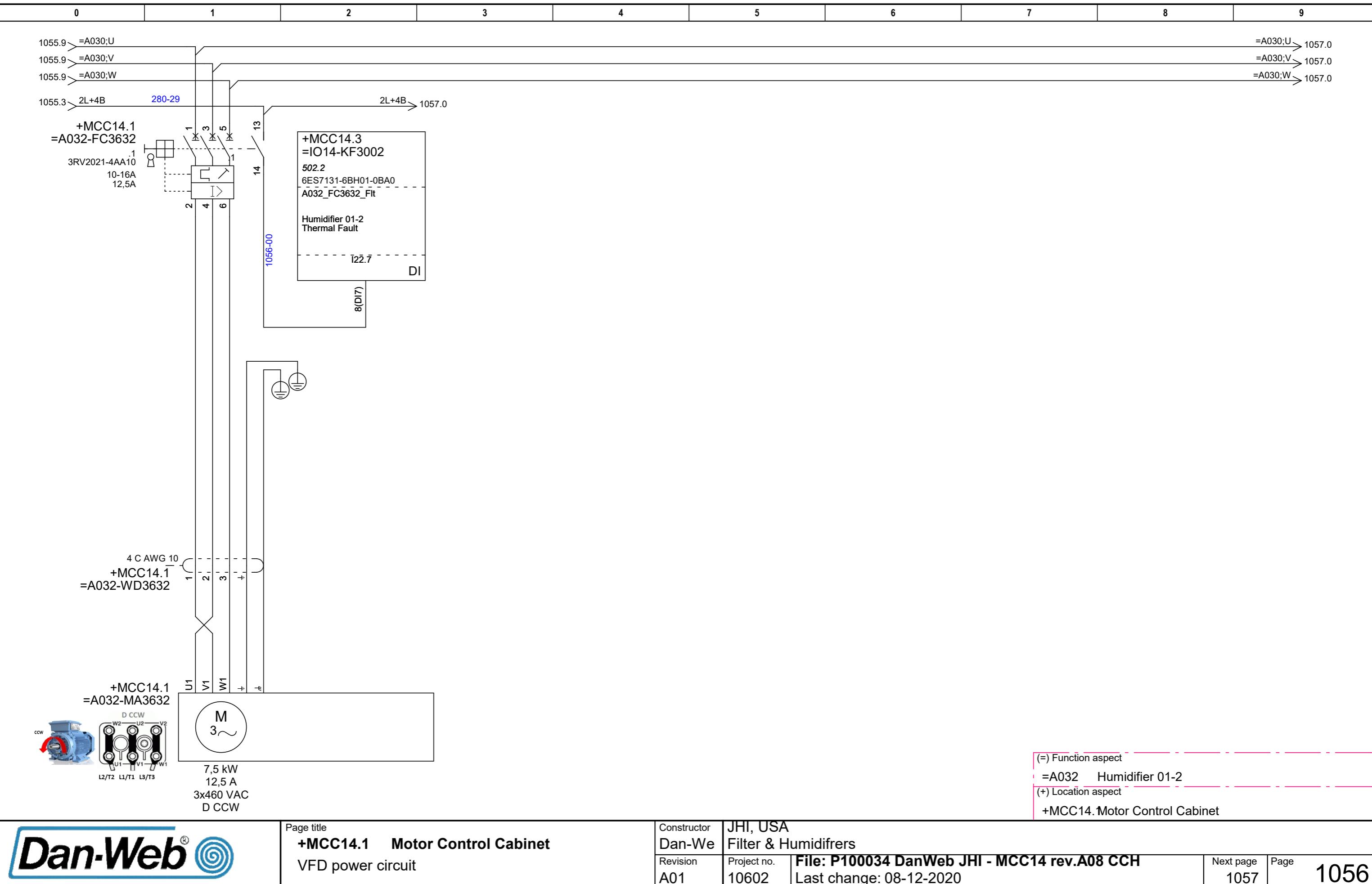


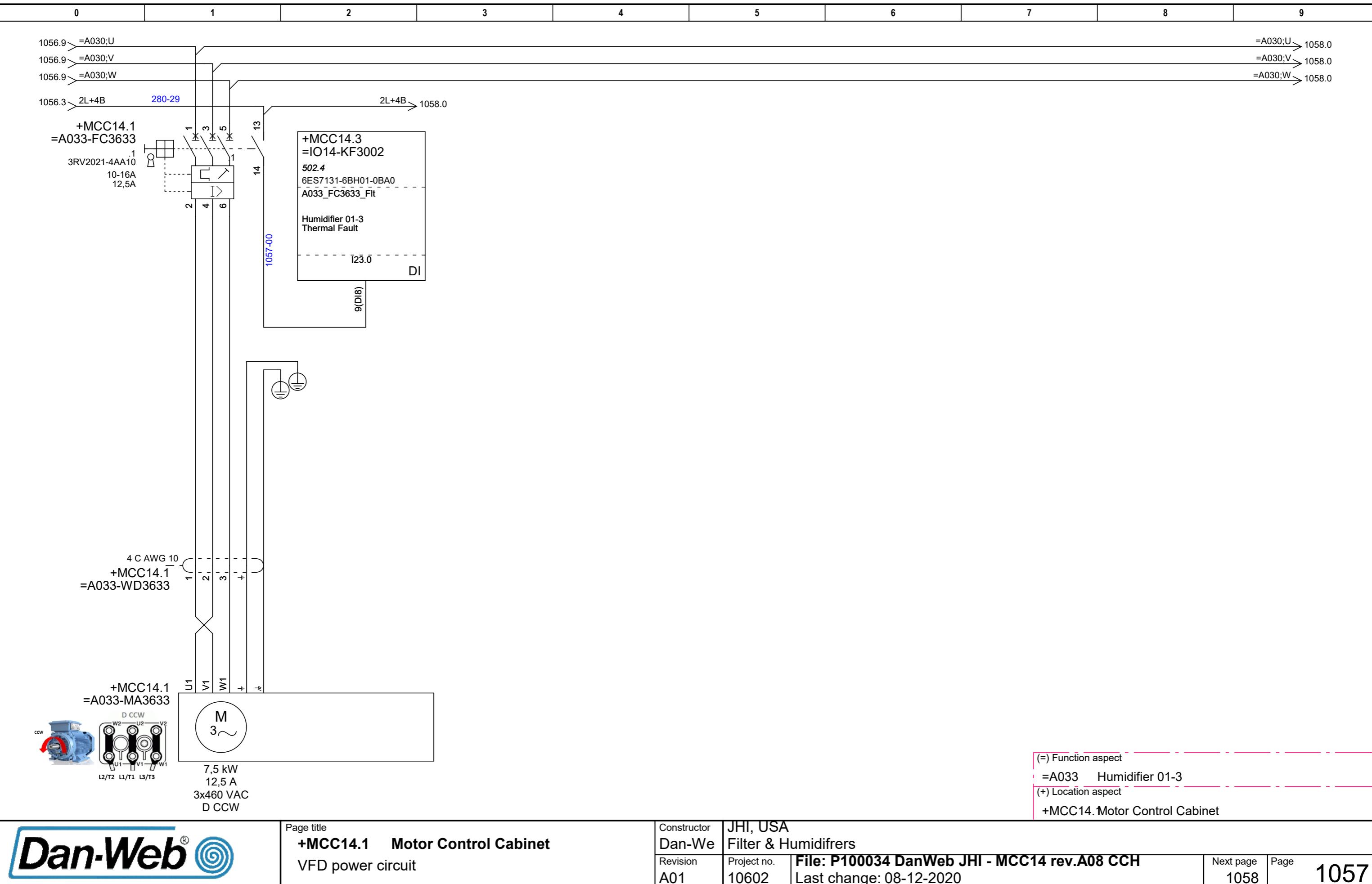


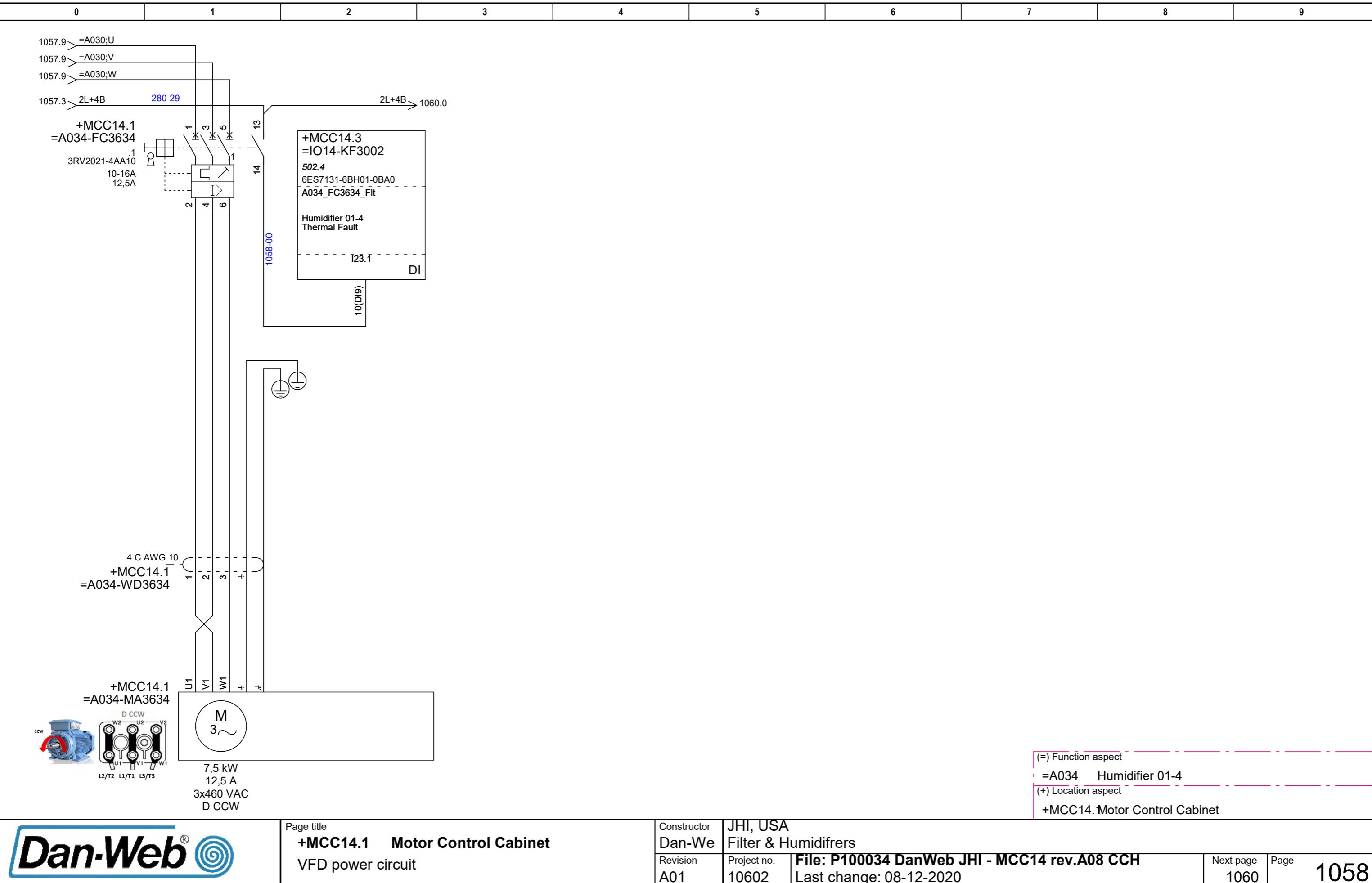


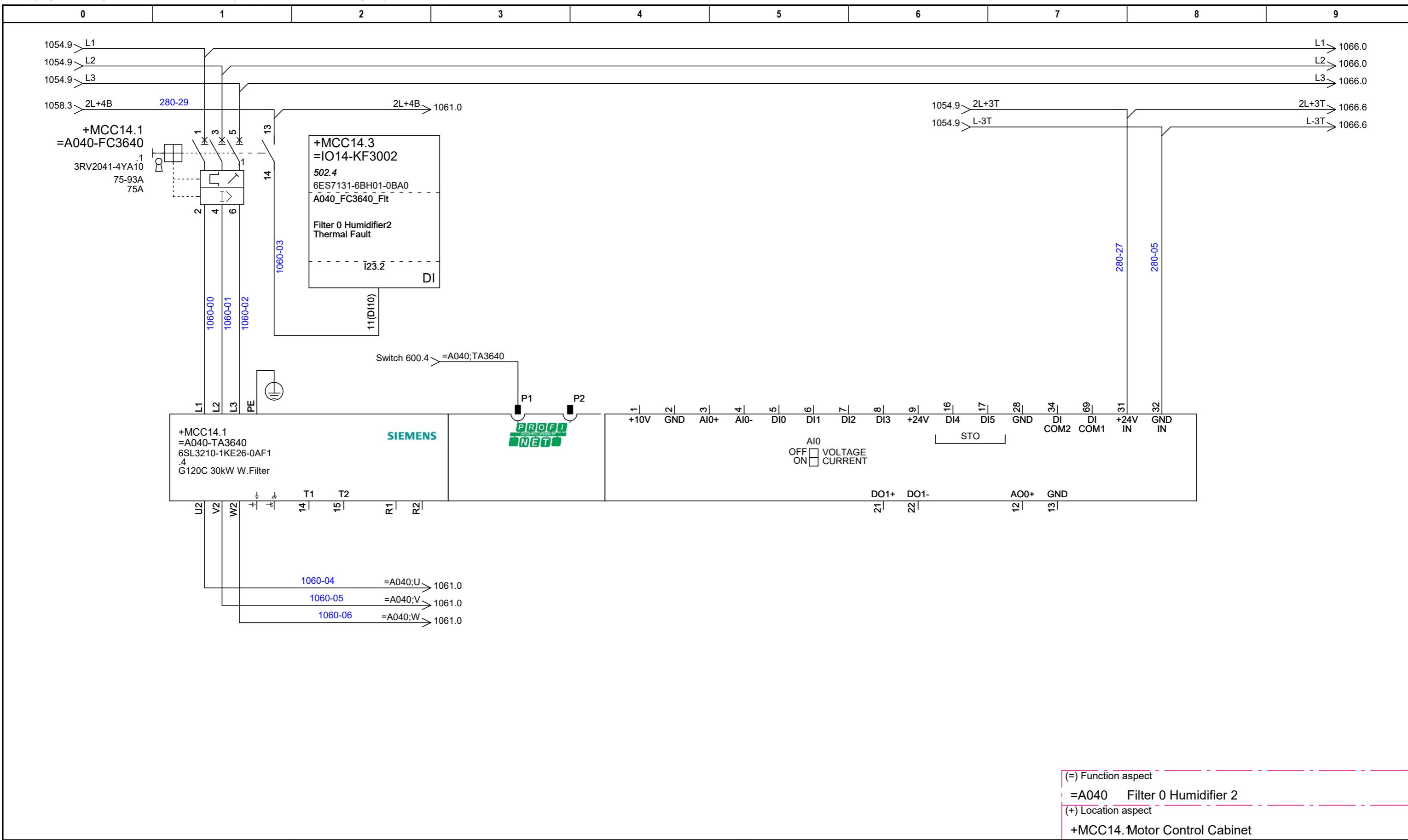


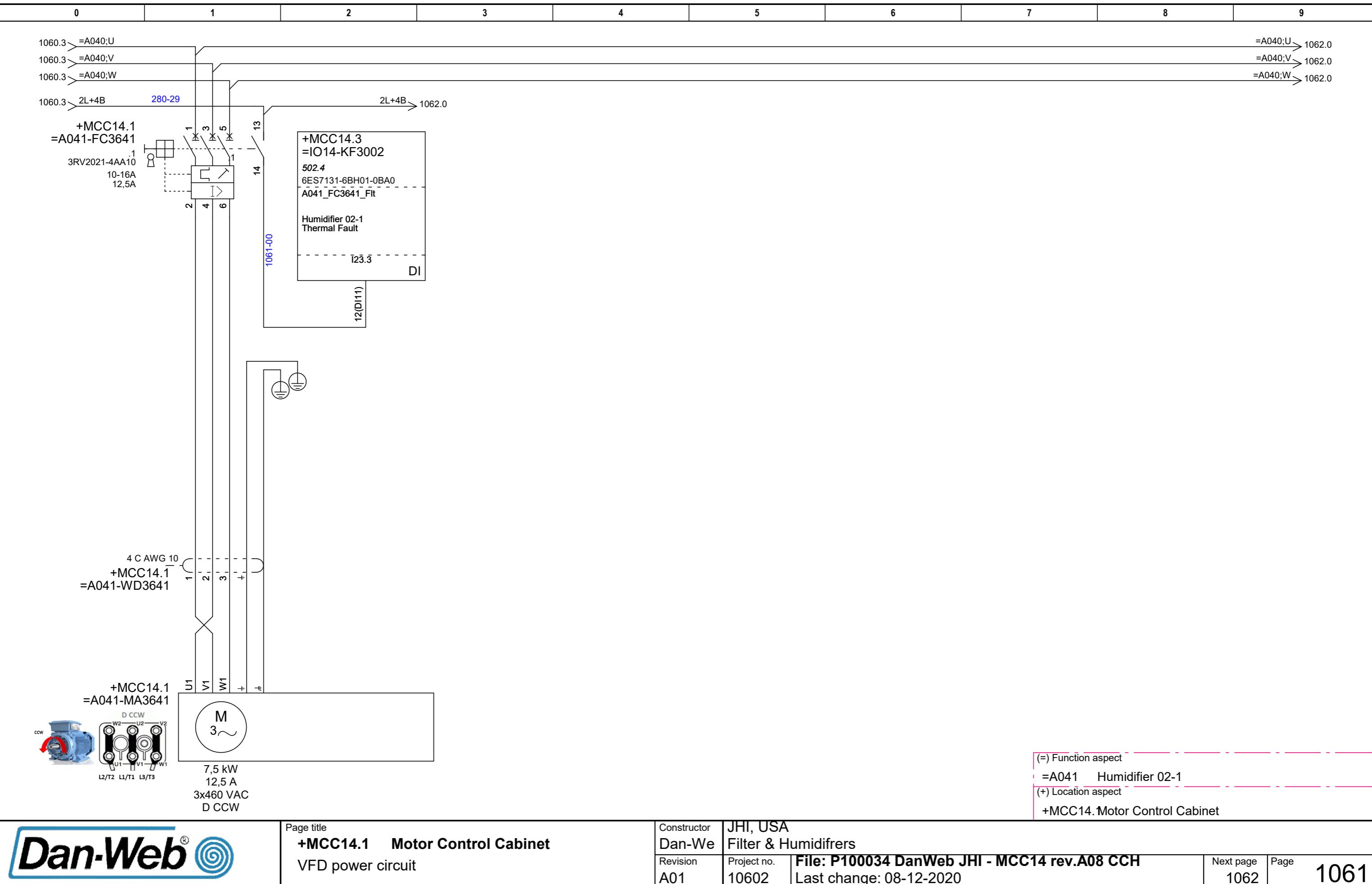


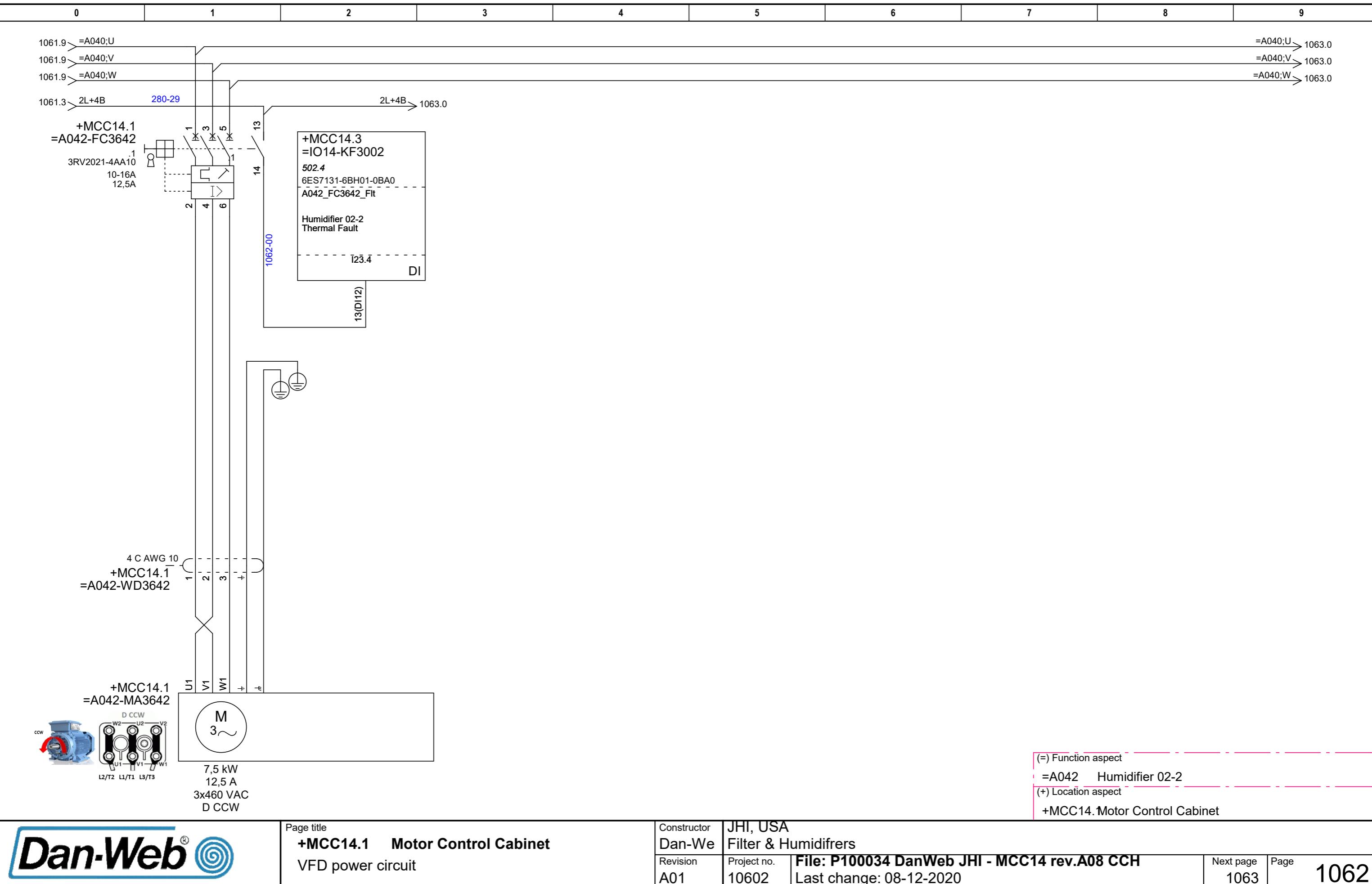


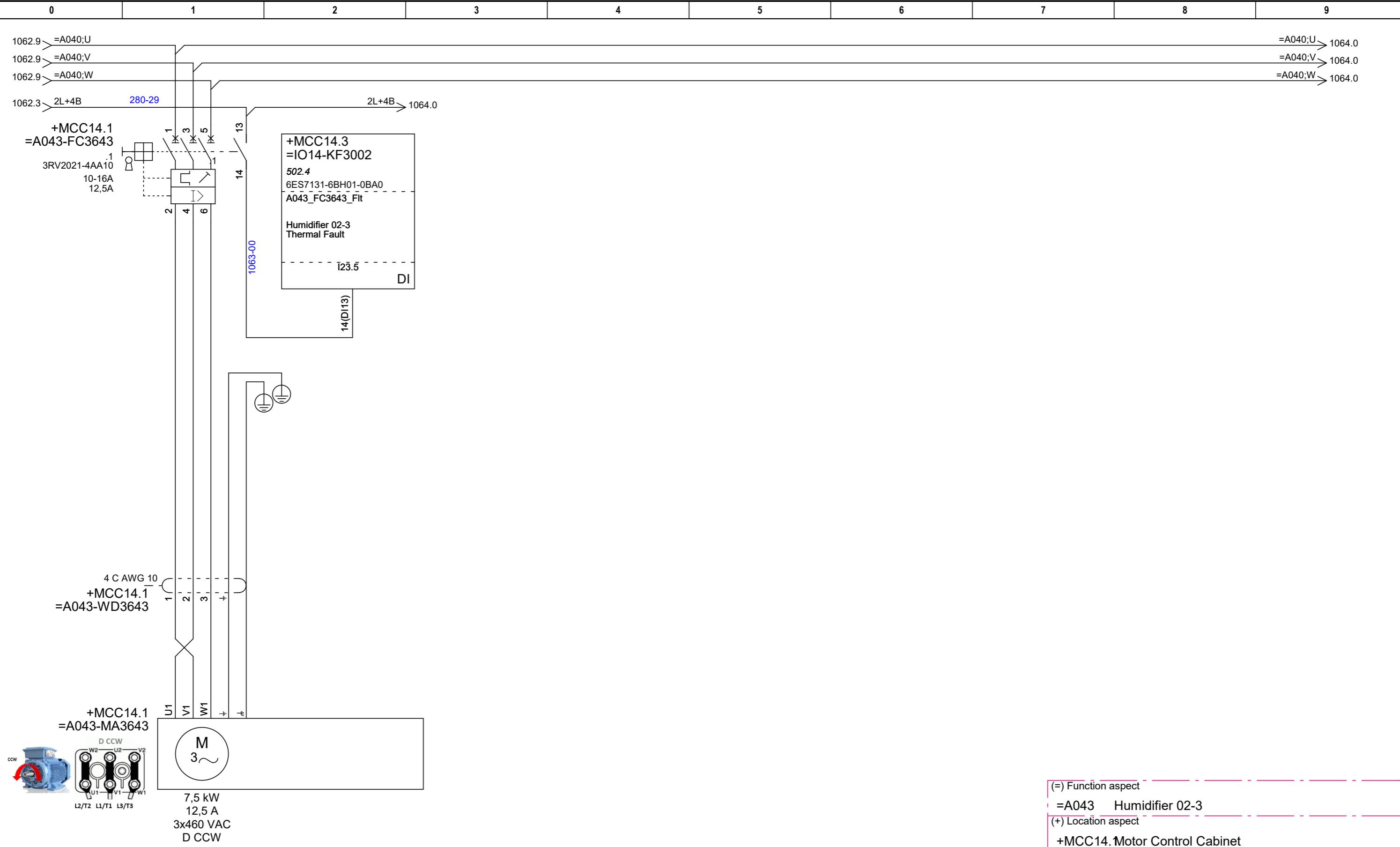


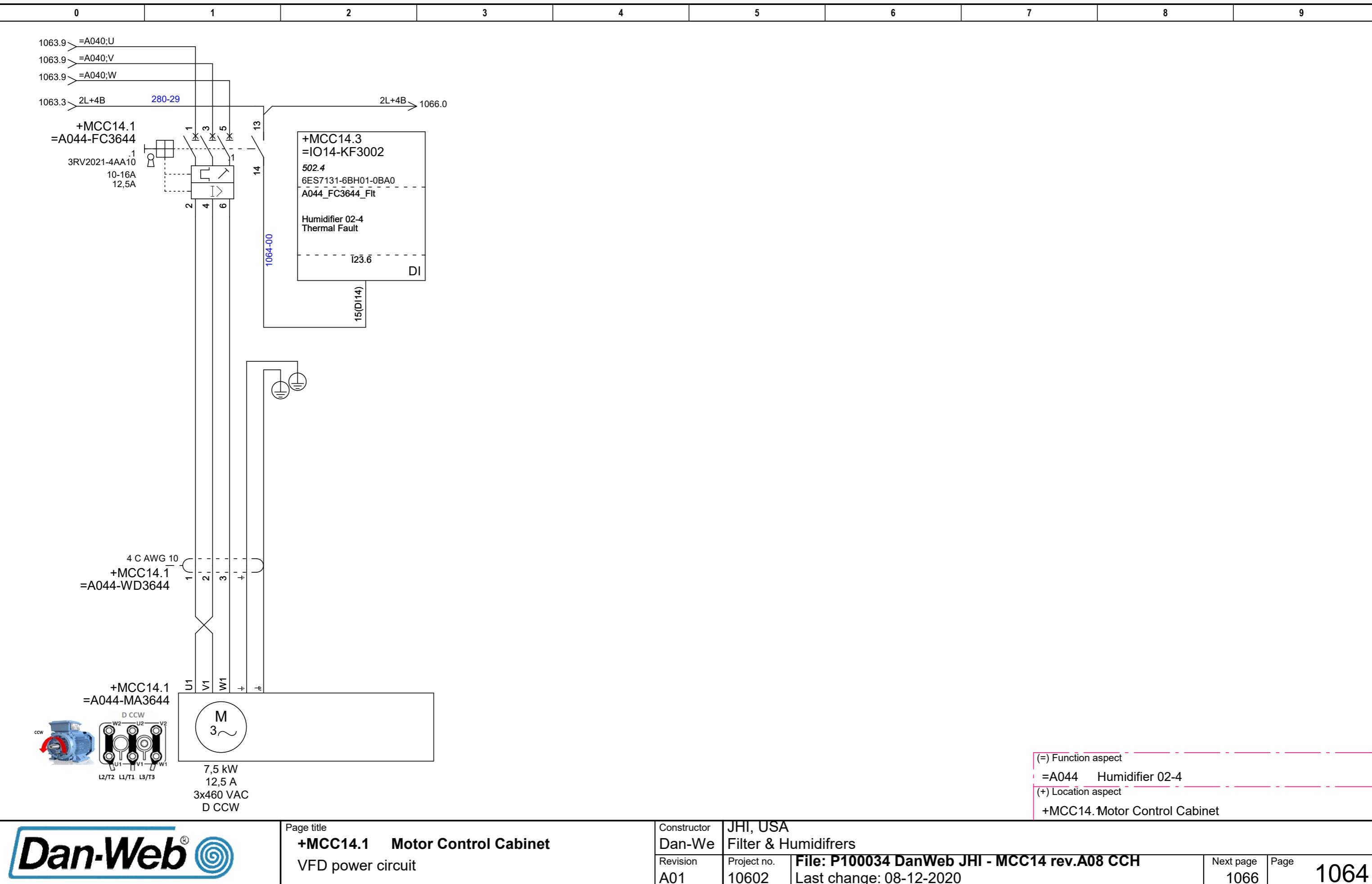


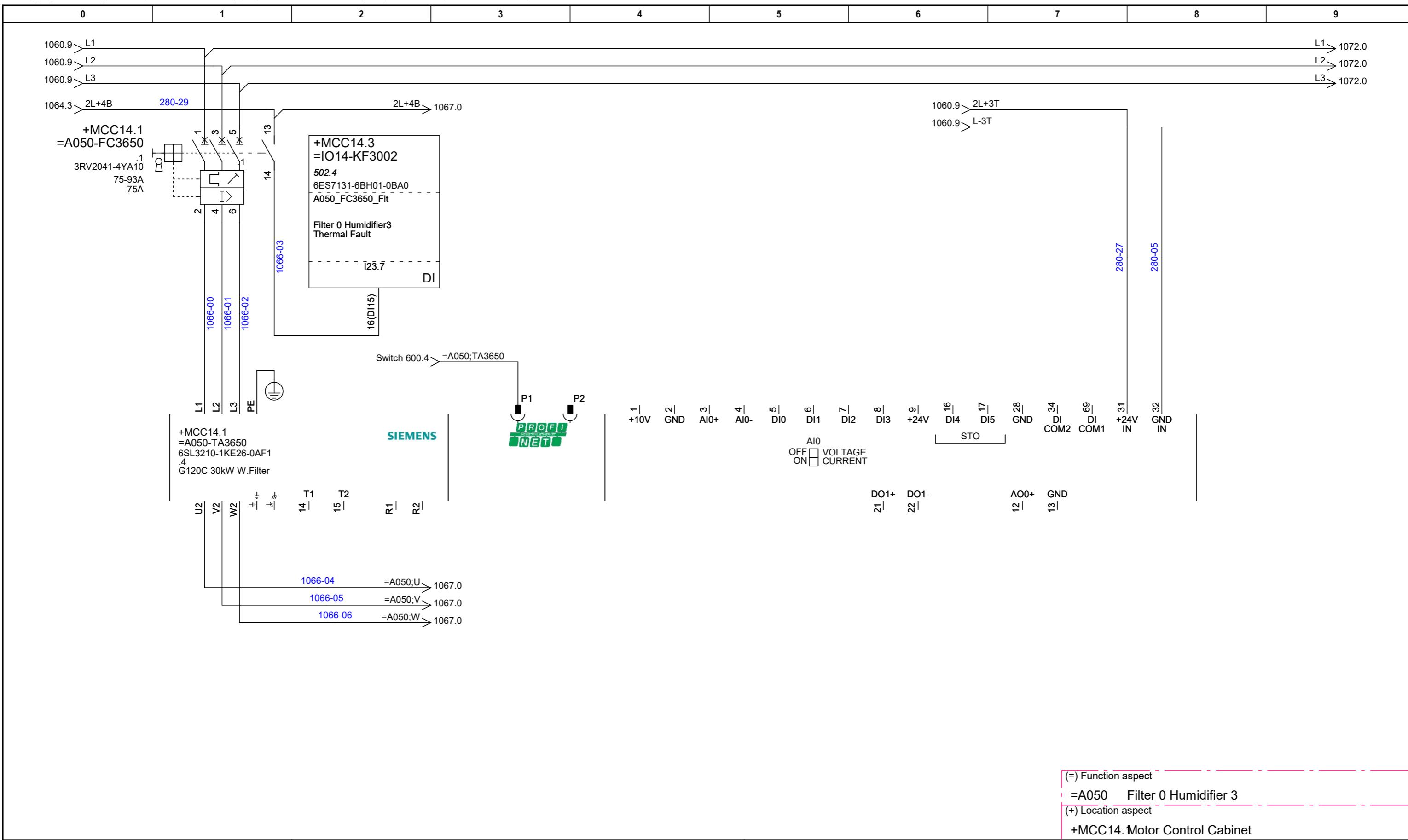


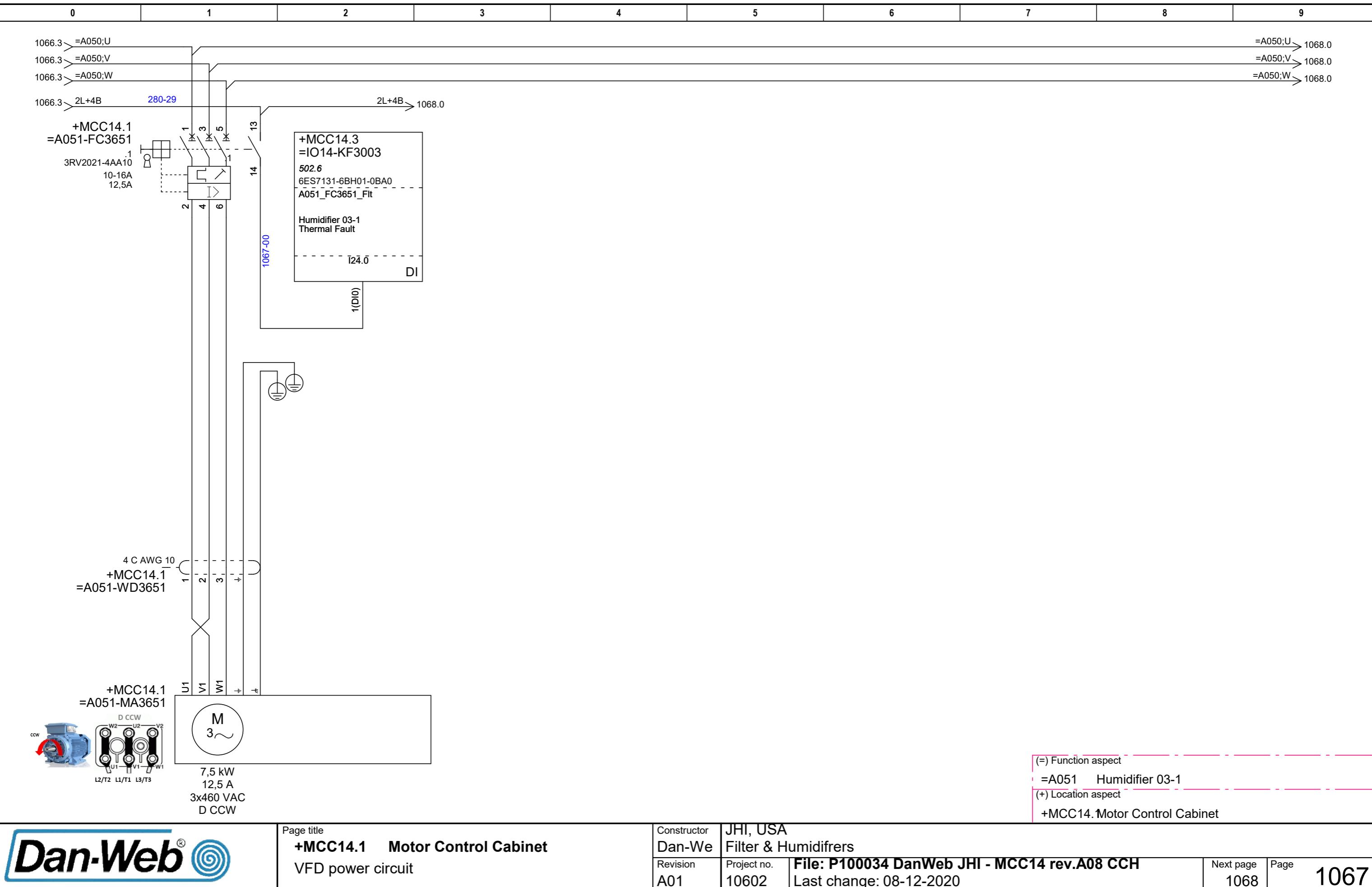


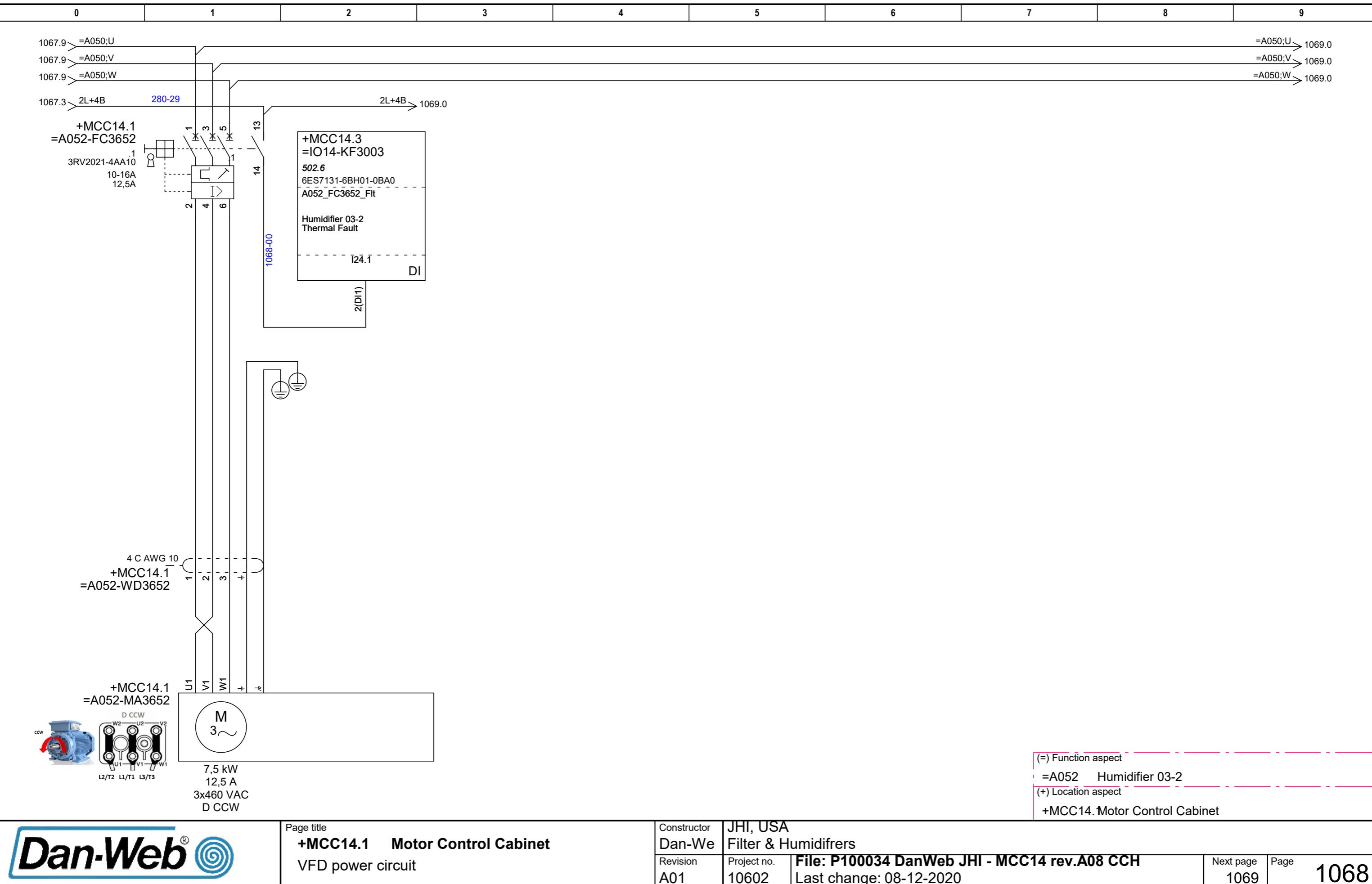


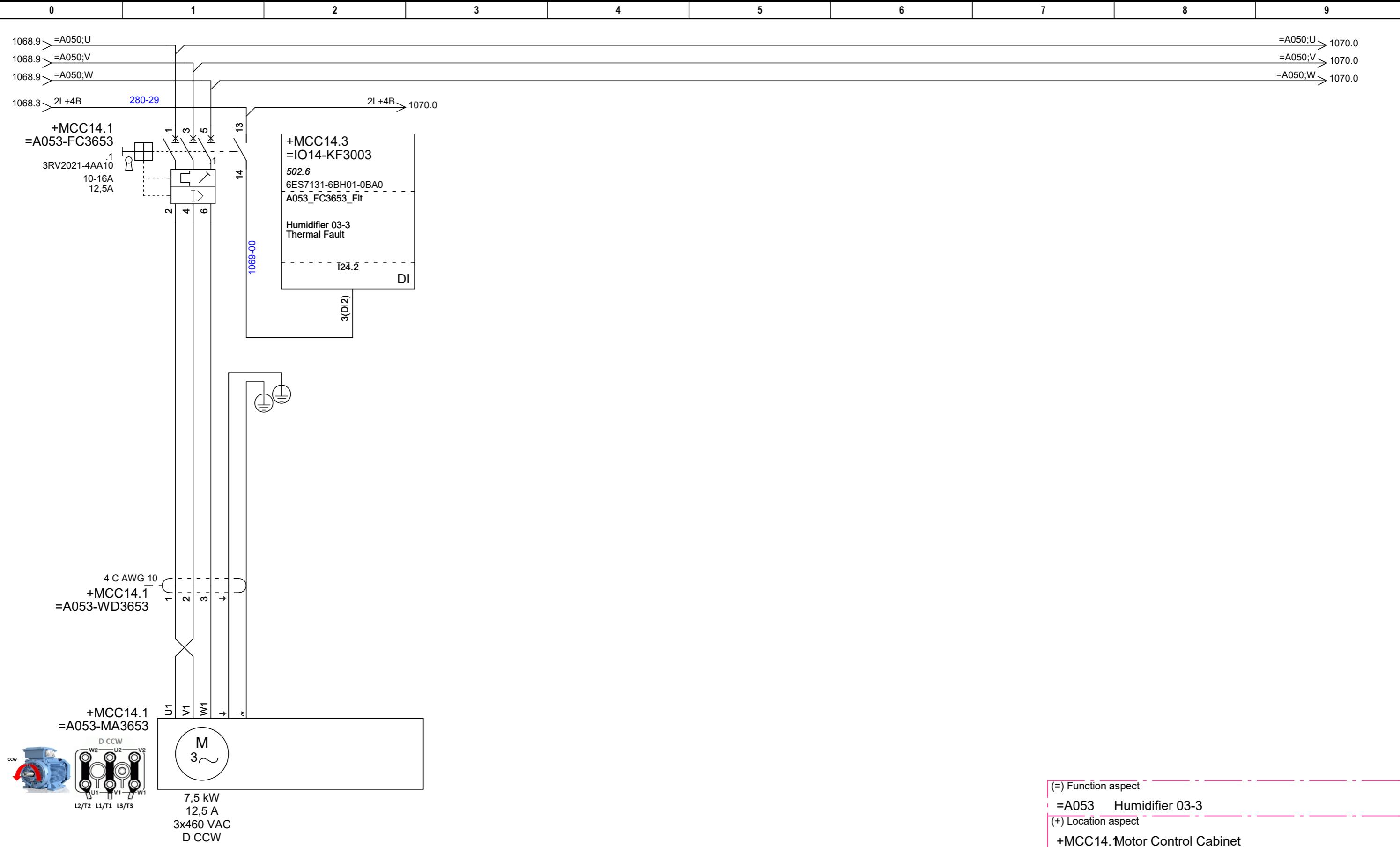


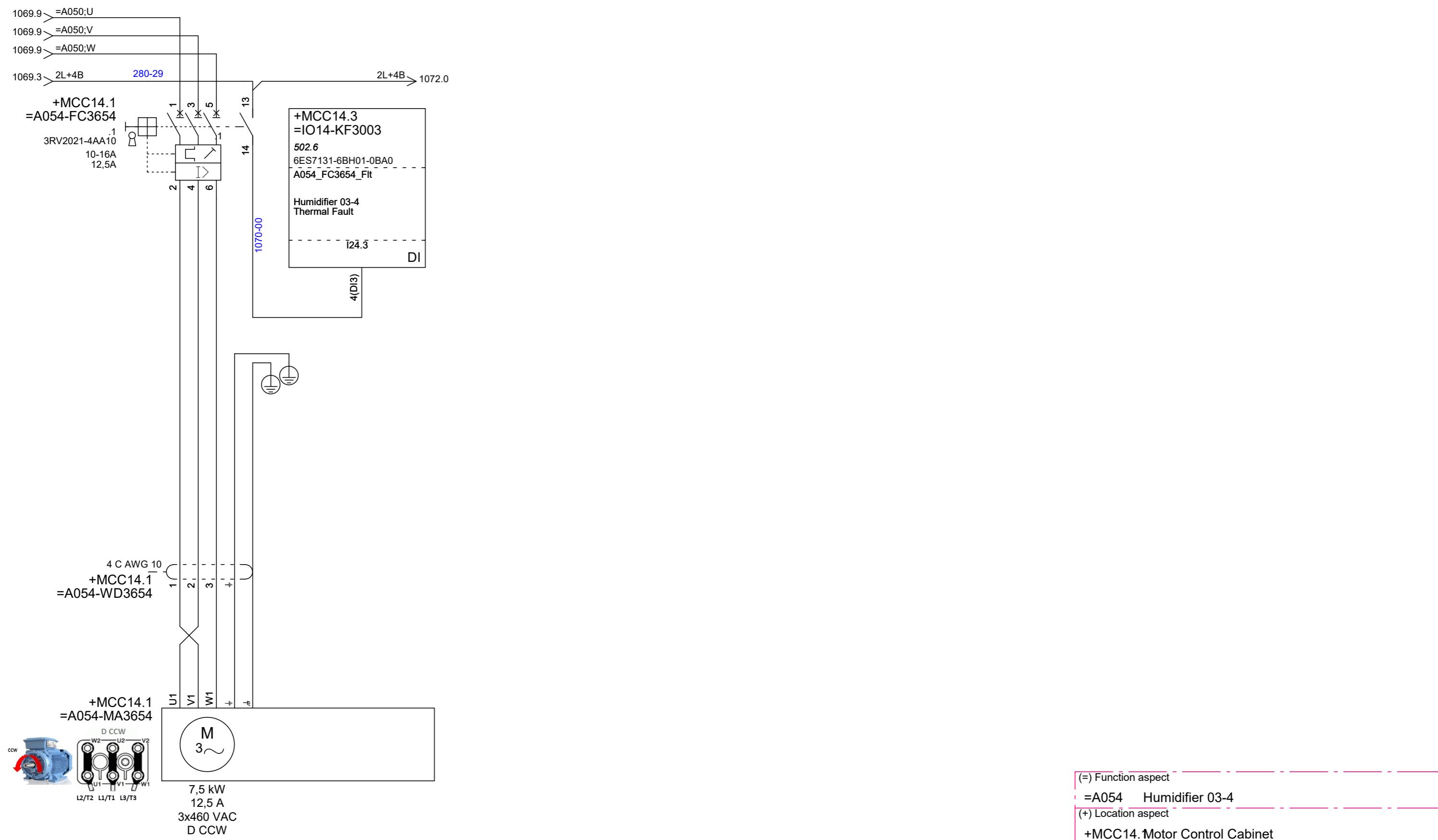


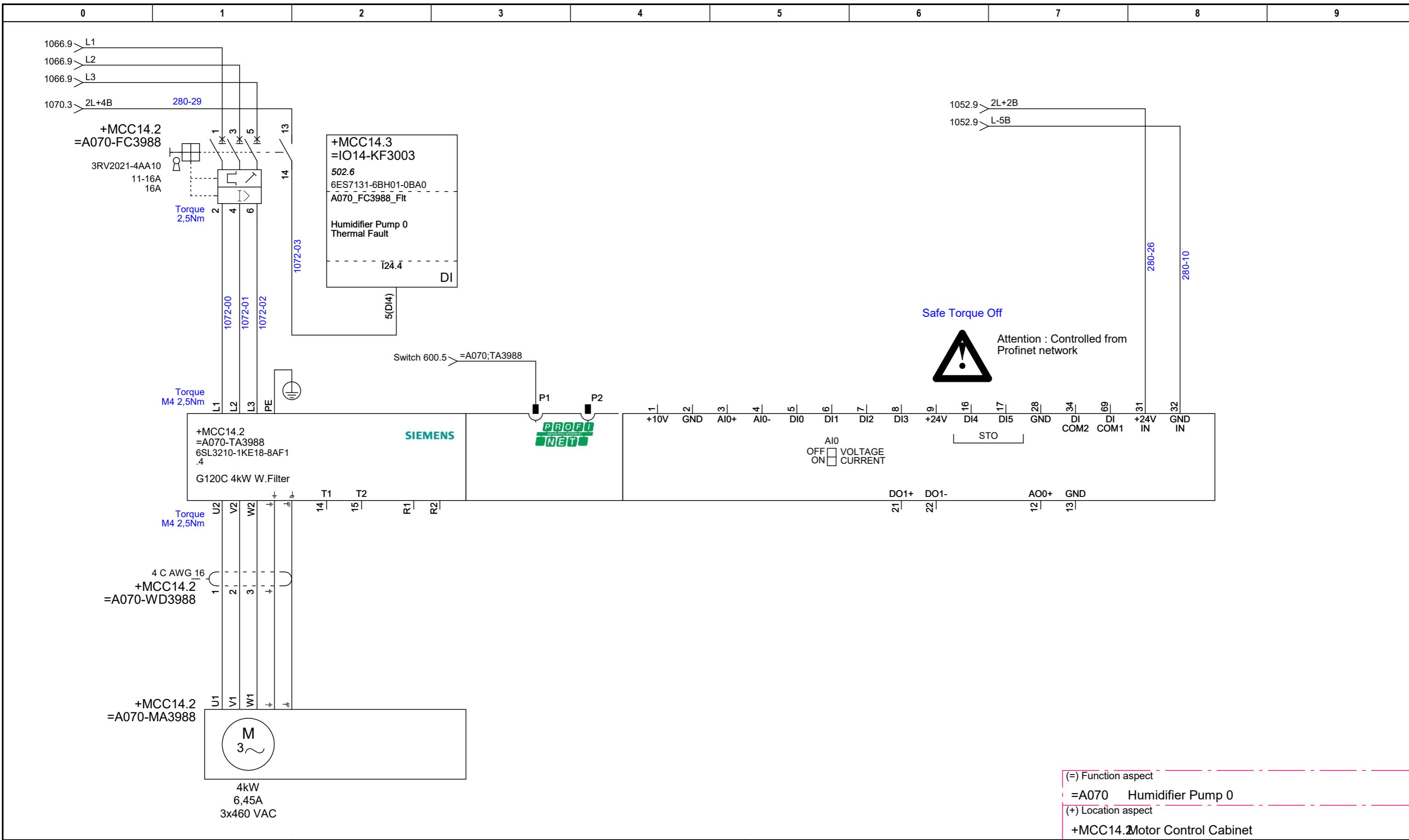












(=) Function aspect  
 =A070 Humidifier Pump 0  
 (+) Location aspect  
 +MCC14.2 Motor Control Cabinet



**Componentlist**

# Component list

Pos.	Component Page/path	Type Description	Make
1	+MCC13.1=AUX01-MA1011 =AUX01/301.1	3140110 Fan 725m³/h 115VAC	Rittal
2	+MCC13.2=AUX01-MA1012 =AUX01/301.2	3140110 Fan 725m³/h 115VAC	Rittal
3	+MCC14.1=A030-FC3630 =A030/1054.1	9342410 Circuit-breaker component adaptors 3-pole 100Amp	Rittal
4	+MCC14.1=A030-FC3630 =A030/1054.1	3RV2901-1E TRANSVERSE AUX. SWITCH, 1NO+1NC, CIRCUIT-BREAKERS, SZ S00/S0	Siemens
5	+MCC14.1=A030-FC3630 =A030/1054.1	3RT2946-4GA07 TERMINAL BLOCK	Siemens
6	+MCC14.1=A030-FC3630 =A030/1054.1	3RV2041-4YA10 Circuit breaker size S3 for motor protection, CLASS 10 A-rel	Siemens
7	+MCC14.1=A030-TA3630 =A030/1054.1	6SL3210-1KE26-0AF1 SINAMICS G120C 30KW W. FILTER, PN	Siemens
8	+MCC14.1=A031-FC3631 =A031/1055.1	3RV2901-1E TRANSVERSE AUX. SWITCH, 1NO+1NC, CIRCUIT-BREAKERS, SZ S00/S0	Siemens
9	+MCC14.1=A031-FC3631 =A031/1055.1	3RV2928-1H TERMINAL BLOCK TYPE E ACC. TO UL508 CIRC	Siemens
10	+MCC14.1=A031-FC3631 =A031/1055.1	3RV2021-4AA10 CIRCUIT-BREAKER SZ S0, FOR MOTOR PROTECTION, CLASS 10, A-REL	Siemens
11	+MCC14.1=A032-FC3632 =A032/1056.1	3RV2901-1E TRANSVERSE AUX. SWITCH, 1NO+1NC, CIRCUIT-BREAKERS, SZ S00/S0	Siemens
12	+MCC14.1=A032-FC3632 =A032/1056.1	3RV2928-1H TERMINAL BLOCK TYPE E ACC. TO UL508 CIRC	Siemens
13	+MCC14.1=A032-FC3632 =A032/1056.1	3RV2021-4AA10 CIRCUIT-BREAKER SZ S0, FOR MOTOR PROTECTION, CLASS 10, A-REL	Siemens
14	+MCC14.1=A033-FC3633 =A033/1057.1	3RV2901-1E TRANSVERSE AUX. SWITCH, 1NO+1NC, CIRCUIT-BREAKERS, SZ S00/S0	Siemens
15	+MCC14.1=A033-FC3633 =A033/1057.1	3RV2928-1H TERMINAL BLOCK TYPE E ACC. TO UL508 CIRC	Siemens
16	+MCC14.1=A033-FC3633 =A033/1057.1	3RV2021-4AA10 CIRCUIT-BREAKER SZ S0, FOR MOTOR PROTECTION, CLASS 10, A-REL	Siemens
17	+MCC14.1=A034-FC3634 =A034/1058.1	3RV2901-1E TRANSVERSE AUX. SWITCH, 1NO+1NC, CIRCUIT-BREAKERS, SZ S00/S0	Siemens
18	+MCC14.1=A034-FC3634 =A034/1058.1	3RV2928-1H TERMINAL BLOCK TYPE E ACC. TO UL508 CIRC	Siemens
19	+MCC14.1=A034-FC3634 =A034/1058.1	3RV2021-4AA10 CIRCUIT-BREAKER SZ S0, FOR MOTOR PROTECTION, CLASS 10, A-REL	Siemens
20	+MCC14.1=A040-FC3640 =A040/1060.1	9342410 Circuit-breaker component adaptors 3-pole 100Amp	Rittal
21	+MCC14.1=A040-FC3640 =A040/1060.1	3RV2901-1E TRANSVERSE AUX. SWITCH, 1NO+1NC, CIRCUIT-BREAKERS, SZ S00/S0	Siemens
22	+MCC14.1=A040-FC3640 =A040/1060.1	3RT2946-4GA07 TERMINAL BLOCK	Siemens
23	+MCC14.1=A040-FC3640 =A040/1060.1	3RV2041-4YA10 Circuit breaker size S3 for motor protection, CLASS 10 A-rel	Siemens
24	+MCC14.1=A040-TA3640 =A040/1060.1	6SL3210-1KE26-0AF1 SINAMICS G120C 30KW W. FILTER, PN	Siemens
25	+MCC14.1=A041-FC3641 =A041/1061.1	3RV2901-1E TRANSVERSE AUX. SWITCH, 1NO+1NC, CIRCUIT-BREAKERS, SZ S00/S0	Siemens



JHI, USA

Rev.: A01

Dcc.: &amp;EPB

Forming Head #1

Next page : 1101

10602

# Component list

Pos.	Component Page/path	Type Description	Make
26	+MCC14.1=A041-FC3641 =A041/1061.1	3RV2928-1H TERMINAL BLOCK TYPE E ACC. TO UL508 CIRC	Siemens
27	+MCC14.1=A041-FC3641 =A041/1061.1	3RV2021-4AA10 CIRCUIT-BREAKER SZ S0, FOR MOTOR PROTECTION, CLASS 10, A-REL	Siemens
28	+MCC14.1=A042-FC3642 =A042/1062.1	3RV2901-1E TRANSVERSE AUX. SWITCH, 1NO+1NC, CIRCUIT-BREAKERS, SZ S00/S0	Siemens
29	+MCC14.1=A042-FC3642 =A042/1062.1	3RV2928-1H TERMINAL BLOCK TYPE E ACC. TO UL508 CIRC	Siemens
30	+MCC14.1=A042-FC3642 =A042/1062.1	3RV2021-4AA10 CIRCUIT-BREAKER SZ S0, FOR MOTOR PROTECTION, CLASS 10, A-REL	Siemens
31	+MCC14.1=A043-FC3643 =A043/1063.1	3RV2901-1E TRANSVERSE AUX. SWITCH, 1NO+1NC, CIRCUIT-BREAKERS, SZ S00/S0	Siemens
32	+MCC14.1=A043-FC3643 =A043/1063.1	3RV2928-1H TERMINAL BLOCK TYPE E ACC. TO UL508 CIRC	Siemens
33	+MCC14.1=A043-FC3643 =A043/1063.1	3RV2021-4AA10 CIRCUIT-BREAKER SZ S0, FOR MOTOR PROTECTION, CLASS 10, A-REL	Siemens
34	+MCC14.1=A044-FC3644 =A044/1064.1	3RV2901-1E TRANSVERSE AUX. SWITCH, 1NO+1NC, CIRCUIT-BREAKERS, SZ S00/S0	Siemens
35	+MCC14.1=A044-FC3644 =A044/1064.1	3RV2928-1H TERMINAL BLOCK TYPE E ACC. TO UL508 CIRC	Siemens
36	+MCC14.1=A044-FC3644 =A044/1064.1	3RV2021-4AA10 CIRCUIT-BREAKER SZ S0, FOR MOTOR PROTECTION, CLASS 10, A-REL	Siemens
37	+MCC14.1=A050-FC3650 =A050/1066.1	9342410 Circuit-breaker component adaptors 3-pole 100Amp	Rittal
38	+MCC14.1=A050-FC3650 =A050/1066.1	3RV2901-1E TRANSVERSE AUX. SWITCH, 1NO+1NC, CIRCUIT-BREAKERS, SZ S00/S0	Siemens
39	+MCC14.1=A050-FC3650 =A050/1066.1	3RT2946-4GA07 TERMINAL BLOCK	Siemens
40	+MCC14.1=A050-FC3650 =A050/1066.1	3RV2041-4YA10 Circuit breaker size S3 for motor protection, CLASS 10 A-rel	Siemens
41	+MCC14.1=A050-TA3650 =A050/1066.1	6SL3210-1KE26-0AF1 SINAMICS G120C 30KW W. FILTER, PN	Siemens
42	+MCC14.1=A051-FC3651 =A051/1067.1	3RV2901-1E TRANSVERSE AUX. SWITCH, 1NO+1NC, CIRCUIT-BREAKERS, SZ S00/S0	Siemens
43	+MCC14.1=A051-FC3651 =A051/1067.1	3RV2928-1H TERMINAL BLOCK TYPE E ACC. TO UL508 CIRC	Siemens
44	+MCC14.1=A051-FC3651 =A051/1067.1	3RV2021-4AA10 CIRCUIT-BREAKER SZ S0, FOR MOTOR PROTECTION, CLASS 10, A-REL	Siemens
45	+MCC14.1=A052-FC3652 =A052/1068.1	3RV2901-1E TRANSVERSE AUX. SWITCH, 1NO+1NC, CIRCUIT-BREAKERS, SZ S00/S0	Siemens
46	+MCC14.1=A052-FC3652 =A052/1068.1	3RV2928-1H TERMINAL BLOCK TYPE E ACC. TO UL508 CIRC	Siemens
47	+MCC14.1=A052-FC3652 =A052/1068.1	3RV2021-4AA10 CIRCUIT-BREAKER SZ S0, FOR MOTOR PROTECTION, CLASS 10, A-REL	Siemens
48	+MCC14.1=A053-FC3653 =A053/1069.1	3RV2901-1E TRANSVERSE AUX. SWITCH, 1NO+1NC, CIRCUIT-BREAKERS, SZ S00/S0	Siemens
49	+MCC14.1=A053-FC3653 =A053/1069.1	3RV2928-1H TERMINAL BLOCK TYPE E ACC. TO UL508 CIRC	Siemens
50	+MCC14.1=A053-FC3653 =A053/1069.1	3RV2021-4AA10 CIRCUIT-BREAKER SZ S0, FOR MOTOR PROTECTION, CLASS 10, A-REL	Siemens



JHI, USA

Rev.: A01

Dcc.: &amp;EPB

Forming Head #1

Next page : 1102

10602

# Component list

Pos.	Component Page/path	Type Description	Make
51	+MCC14.1=A054-FC3654 =A054/1070.1	3RV2901-1E TRANSVERSE AUX. SWITCH, 1NO+1NC, CIRCUIT-BREAKERS, SZ S00/S0	Siemens
52	+MCC14.1=A054-FC3654 =A054/1070.1	3RV2928-1H TERMINAL BLOCK TYPE E ACC. TO UL508 CIRC	Siemens
53	+MCC14.1=A054-FC3654 =A054/1070.1	3RV2021-4AA10 CIRCUIT-BREAKER SZ S0, FOR MOTOR PROTECTION, CLASS 10, A-REL	Siemens
54	+MCC14.1=AUX01-EA2001 =DC02/290.3	TIC14415 LED Luminaire 24VDC w. movement sensor, 3M. cable 1 pcs pr p	TIC
55	+MCC14.1=MCC14-QA0001 =MCC14/210.1	3VA9271-0WF30 TERMINAL COVER EXTENDED 3 POLE 1 PCS. ACCESSORY FOR: 3VA6 40	Siemens
56	+MCC14.1=MCC14-QA0001 =MCC14/210.1	3VA6340-6HL31-0AA0 CIRCUIT BREAKER 3VA6 UL FRAME 400 BREAKING CAPACITY CLASS M	Siemens
57	+MCC14.1=MCC14-QA0001 =MCC14/210.4	3VA2510-5HL32-0AA0 CIRCUIT BREAKER 3VA2 1000A BREAK.CAPACITY CL. M ICU=55KA @ 4	Siemens
58	+MCC14.1=MCC14-QA0001 =MCC14/210.1	3VA9988-0AA12 AUX.SWITCH FOR: 3VA2 800/1000	Siemens
59	+MCC14.1=MCC14-QA0001 =MCC14/210.1	3VA9978-0AA11 AUX.SWITCH FOR: 3VA4/6/6	Siemens
60	+MCC14.1=MCC14-QA0001 =MCC14/210.1	3VA9687-0FK21 Door mounted rotary operator std. IP65 w.door interlock acce	Siemens
61	+MCC14.2=A011-FC3610 =A011/1040.1	9340340 OM adaptors with connection cables, 25A, 690V	Rittal
62	+MCC14.2=A011-FC3610 =A011/1040.2	3RV2901-1E TRANSVERSE AUX. SWITCH, 1NO+1NC, CIRCUIT-BREAKERS, SZ S00/S0	Siemens
63	+MCC14.2=A011-FC3610 =A011/1040.1	3RV2928-1H TERMINAL BLOCK TYPE E ACC. TO UL508 CIRC	Siemens
64	+MCC14.2=A011-FC3610 =A011/1040.1	3RV2021-1JA10 CIRCUIT-BREAKER SZ S0, F.MOTOR PROTECT, CL.10, A-REL. 7...10	Siemens
65	+MCC14.2=A011-TA3610 =A011/1040.1	6SL3210-1KE11-8AF2 SINAMICS G120C 0,55KW W. FILTER, PN	Siemens
66	+MCC14.2=A012-FC3611 =A012/1042.1	9340340 OM adaptors with connection cables, 25A, 690V	Rittal
67	+MCC14.2=A012-FC3611 =A012/1042.2	3RV2901-1E TRANSVERSE AUX. SWITCH, 1NO+1NC, CIRCUIT-BREAKERS, SZ S00/S0	Siemens
68	+MCC14.2=A012-FC3611 =A012/1042.1	3RV2928-1H TERMINAL BLOCK TYPE E ACC. TO UL508 CIRC	Siemens
69	+MCC14.2=A012-FC3611 =A012/1042.1	3RV2011-1KA10 CIRCUIT-BREAKER SZ S00, FOR MOTOR PROTECTION, CLASS 10, A-RE	Siemens
70	+MCC14.2=A012-QA3611 =A012/1042.5	3RH2911-1HA11 AUX.SWITCH BLOCK, FRONT, 1NO+1NC, MOTOR CONT., SZ S00 AND S0	Siemens
71	+MCC14.2=A012-QA3611 =A012/1042.5	3RT2024-1BB40 CONTACTOR, AC-3, 5.5KW/400V, 1NO+1NC, DC 24V, 3-POLE, SZ S0	Siemens
72	+MCC14.2=A012-QA3611 =A012/1042.5	3RT2916-1EH00 Surge Arrestor 400VAC	Siemens
73	+MCC14.2=A012-X3611 (3) =A012/1042.1	PT2,5 Terminal spring	Phoenix Contact
74	+MCC14.2=A012-X3611 =A012/1042.2	PT2,5-PE Ground terminal spring	Phoenix Contact
75	+MCC14.2=A013-FC3612 =A013/1043.1	9340340 OM adaptors with connection cables, 25A, 690V	Rittal
		JHI, USA Forming Head #1 10602	Rev.: A01      Dcc.: &EPB Next page : 1103
Components list		Last changed : 27-11-2020	Last printed : 16-06-2021
			Page 1102

# Component list

Pos.	Component Page/path	Type Description	Make
76	+MCC14.2=A013-FC3612 =A013/1043.2	3RV2901-1E TRANSVERSE AUX. SWITCH, 1NO+1NC, CIRCUIT-BREAKERS, SZ S00/S0	Siemens
77	+MCC14.2=A013-FC3612 =A013/1043.1	3RV2928-1H TERMINAL BLOCK TYPE E ACC. TO UL508 CIRC	Siemens
78	+MCC14.2=A013-FC3612 =A013/1043.1	3RV2011-1KA10 CIRCUIT-BREAKER SZ S00, FOR MOTOR PROTECTION, CLASS 10, A-RE	Siemens
79	+MCC14.2=A013-QA3612 =A013/1043.5	3RH2911-1HA11 AUX.SWITCH BLOCK,FRONT,1NO+1NC, MOTOR CONT., SZ S00 AND S0	Siemens
80	+MCC14.2=A013-QA3612 =A013/1043.5	3RT2024-1BB40 CONTACTOR, AC-3, 5.5KW/400V, 1NO+1NC, DC 24V, 3-POLE, SZ S0	Siemens
81	+MCC14.2=A013-QA3612 =A013/1043.5	3RT2916-1EH00 Surge Arrestor 400VAC	Siemens
82	+MCC14.2=A013-X3612 (3) =A013/1043.1	PT2,5 Terminal spring	Phoenix Contact
83	+MCC14.2=A013-X3612 =A013/1043.2	PT2,5-PE Ground terminal spring	Phoenix Contact
84	+MCC14.2=A014-FC3613 =A014/1045.1	9340340 OM adaptors with connection cables, 25A, 690V	Rittal
85	+MCC14.2=A014-FC3613 =A014/1045.2	3RV2901-1E TRANSVERSE AUX. SWITCH, 1NO+1NC, CIRCUIT-BREAKERS, SZ S00/S0	Siemens
86	+MCC14.2=A014-FC3613 =A014/1045.1	3RV2928-1H TERMINAL BLOCK TYPE E ACC. TO UL508 CIRC	Siemens
87	+MCC14.2=A014-FC3613 =A014/1045.1	3RV2011-1JA10 CIRCUIT-BREAKER, MOTOR PROTECT CL.10 A-REL 7-10A N-REL 130A	Siemens
88	+MCC14.2=A014-QA3613 =A014/1045.5	3RH2911-1HA11 AUX.SWITCH BLOCK,FRONT,1NO+1NC, MOTOR CONT., SZ S00 AND S0	Siemens
89	+MCC14.2=A014-QA3613 =A014/1045.5	3RT2024-1BB40 CONTACTOR, AC-3, 5.5KW/400V, 1NO+1NC, DC 24V, 3-POLE, SZ S0	Siemens
90	+MCC14.2=A014-QA3613 =A014/1045.5	3RT2916-1EH00 Surge Arrestor 400VAC	Siemens
91	+MCC14.2=A014-X3613 (3) =A014/1045.1	PT2,5 Terminal spring	Phoenix Contact
92	+MCC14.2=A014-X3613 =A014/1045.2	PT2,5-PE Ground terminal spring	Phoenix Contact
93	+MCC14.2=A015-FC3614 =A015/1046.1	9340340 OM adaptors with connection cables, 25A, 690V	Rittal
94	+MCC14.2=A015-FC3614 =A015/1046.2	3RV2901-1E TRANSVERSE AUX. SWITCH, 1NO+1NC, CIRCUIT-BREAKERS, SZ S00/S0	Siemens
95	+MCC14.2=A015-FC3614 =A015/1046.1	3RV2928-1H TERMINAL BLOCK TYPE E ACC. TO UL508 CIRC	Siemens
96	+MCC14.2=A015-FC3614 =A015/1046.1	3RV2011-1JA10 CIRCUIT-BREAKER, MOTOR PROTECT CL.10 A-REL 7-10A N-REL 130A	Siemens
97	+MCC14.2=A015-QA3614 =A015/1046.5	3RH2911-1HA11 AUX.SWITCH BLOCK,FRONT,1NO+1NC, MOTOR CONT., SZ S00 AND S0	Siemens
98	+MCC14.2=A015-QA3614 =A015/1046.5	3RT2024-1BB40 CONTACTOR, AC-3, 5.5KW/400V, 1NO+1NC, DC 24V, 3-POLE, SZ S0	Siemens
99	+MCC14.2=A015-QA3614 =A015/1046.5	3RT2916-1EH00 Surge Arrestor 400VAC	Siemens
100	+MCC14.2=A015-X3614 (3) =A015/1046.1	PT2,5 Terminal spring	Phoenix Contact



JHI, USA

Rev.: A01

Dcc.: &amp;EPB

Forming Head #1

Next page : 1104

10602

# Component list

Pos.	Component Page/path	Type Description	Make
101	+MCC14.2=A015-X3614 =A015/1046.2	PT2,5-PE Ground terminal spring	Phoenix Contact
102	+MCC14.2=A016-FC3615 =A016/1047.1	9340340 OM adaptors with connection cables, 25A, 690V	Rittal
103	+MCC14.2=A016-FC3615 =A016/1047.2	3RV2901-1E TRANSVERSE AUX. SWITCH, 1NO+1NC, CIRCUIT-BREAKERS, SZ S00/S0	Siemens
104	+MCC14.2=A016-FC3615 =A016/1047.1	3RV2928-1H TERMINAL BLOCK TYPE E ACC. TO UL508 CIRC	Siemens
105	+MCC14.2=A016-FC3615 =A016/1047.1	3RV2011-1JA10 CIRCUIT-BREAKER, MOTOR PROTECT CL.10 A-REL 7-10A N-REL 130A	Siemens
106	+MCC14.2=A016-QA3615 =A016/1047.5	3RH2911-1HA11 AUX.SWITCH BLOCK,FRONT,1NO+1NC, MOTOR CONT., SZ S00 AND S0	Siemens
107	+MCC14.2=A016-QA3615 =A016/1047.5	3RT2024-1BB40 CONTACTOR, AC-3, 5.5KW/400V, 1NO+1NC, DC 24V, 3-POLE, SZ S0	Siemens
108	+MCC14.2=A016-QA3615 =A016/1047.5	3RT2916-1EH00 Surge Arrestor 400VAC	Siemens
109	+MCC14.2=A016-X3615 (3) =A016/1047.1	PT2,5 Terminal spring	Phoenix Contact
110	+MCC14.2=A016-X3615 =A016/1047.2	PT2,5-PE Ground terminal spring	Phoenix Contact
111	+MCC14.2=A021-FC3621 =A021/1051.1	9340430 OM adaptors with connection cables 65A	Rittal
112	+MCC14.2=A021-FC3621 =A021/1051.2	3RV2901-1E TRANSVERSE AUX. SWITCH, 1NO+1NC, CIRCUIT-BREAKERS, SZ S00/S0	Siemens
113	+MCC14.2=A021-FC3621 =A021/1051.1	3RV2938-1K PHASE BARRIERS INCREASED CREEPAGES AND C	Siemens
114	+MCC14.2=A021-FC3621 =A021/1051.1	3RV2041-4JA10 Circuit breaker size S3 for motor protection, CLASS 10 A-rel	Siemens
115	+MCC14.2=A021-TA3621 =A021/1051.1	6SL3210-1KE23-2AF1 SINAMICS G120C 15,0KW W. FILTER, PN	Siemens
116	+MCC14.2=A021-TA3621 =A021/1051.1	6SL3255-0AA00-4CA1 SINAMICS G120 BASIC OPERATOR PANEL (BOP-2)	Siemens
117	+MCC14.2=A022-FC3622 =A022/1052.1	9340430 OM adaptors with connection cables 65A	Rittal
118	+MCC14.2=A022-FC3622 =A022/1052.2	3RV2901-1E TRANSVERSE AUX. SWITCH, 1NO+1NC, CIRCUIT-BREAKERS, SZ S00/S0	Siemens
119	+MCC14.2=A022-FC3622 =A022/1052.1	3RV2938-1K PHASE BARRIERS INCREASED CREEPAGES AND C	Siemens
120	+MCC14.2=A022-FC3622 =A022/1052.1	3RV2031-4WA10 CIRCUIT-BREAKER SZ S2, MOTOR PROTECT CL.10, A-REL.42-52 A N-	Siemens
121	+MCC14.2=A022-TA3622 =A022/1052.1	6SL3210-1KE22-6AF1 SINAMICS G120C 11,0KW W. FILTER, PN	Siemens
122	+MCC14.2=A022-TA3622 =A022/1052.1	6SL3255-0AA00-4CA1 SINAMICS G120 BASIC OPERATOR PANEL (BOP-2)	Siemens
123	+MCC14.2=A023-FC3623 =A023/1049.1	9340340 OM adaptors with connection cables, 25A, 690V	Rittal
124	+MCC14.2=A023-FC3623 =A023/1049.2	3RV2901-1E TRANSVERSE AUX. SWITCH, 1NO+1NC, CIRCUIT-BREAKERS, SZ S00/S0	Siemens
125	+MCC14.2=A023-FC3623 =A023/1049.1	3RV2928-1H TERMINAL BLOCK TYPE E ACC. TO UL508 CIRC	Siemens



JHI, USA

Rev.: A01

Dcc.: &EPB

Forming Head #1

Next page : 1105

10602

# Component list

Pos.	Component Page/path	Type Description	Make
126	+MCC14.2=A023-FC3623 =A023/1049.1	3RV2011-1BA10 CIRCUIT-BREAKER, MOTOR PROTECT CL.10 A-REL. 1.4-2A N-REL.26A	Siemens
127	+MCC14.2=A023-QA3623 =A023/1049.5	3RH2911-1HA11 AUX.SWITCH BLOCK,FRONT,1NO+1NC, MOTOR CONT., SZ S00 AND S0	Siemens
128	+MCC14.2=A023-QA3623 =A023/1049.5	3RT2024-1BB40 CONTACTOR, AC-3, 5.5KW/400V, 1NO+1NC, DC 24V, 3-POLE, SZ S0	Siemens
129	+MCC14.2=A023-QA3623 =A023/1049.5	3RT2916-1EH00 Surge Arrestor 400VAC	Siemens
130	+MCC14.2=A023-X3623 (3) =A023/1049.1	PT2,5 Terminal spring	Phoenix Contact
131	+MCC14.2=A023-X3623 =A023/1049.2	PT2,5-PE Ground terminal spring	Phoenix Contact
132	+MCC14.2=A070-FC3205 =A070/1072.2	3RV2901-1E TRANSVERSE AUX. SWITCH, 1NO+1NC, CIRCUIT-BREAKERS, SZ S00/S0	Siemens
133	+MCC14.2=A070-FC3988 =A070/1072.1	9340340 OM adaptors with connection cables, 25A, 690V	Rittal
134	+MCC14.2=A070-FC3988 =A070/1072.1	3RV2928-1H TERMINAL BLOCK TYPE E ACC. TO UL508 CIRC	Siemens
135	+MCC14.2=A070-FC3988 =A070/1072.1	3RV2021-4AA10 CIRCUIT-BREAKER SZ S0, FOR MOTOR PROTECTION, CLASS 10, A-REL	Siemens
136	+MCC14.2=A070-TA3988 =A070/1072.1	6SL3210-1KE18-8AF1 SINAMICS G120C 4,0KW W. FILTER, PN	Siemens
137	+MCC14.2=AC01-FC1001 =AC01/300.1	9340340 OM adaptors with connection cables, 25A, 690V	Rittal
138	+MCC14.2=AC01-FC1001 =AC01/300.1	3RV2711-1ED10 CIRCUIT-BREAKER SZ S00, FOR PLANT PROTEC A-RELEASE 4 A, N-RE	Siemens
139	+MCC14.2=AC01-FC1001 =AC01/300.1	3RV2901-1E TRANSVERSE AUX. SWITCH, 1NO+1NC, CIRCUIT-BREAKERS, SZ S00/S0	Siemens
140	+MCC14.2=AUX01-EA2002 =DC02/290.5	TIC14415 LED Luminaires 24VDC w. movement sensor, 3M. cable 1 pcs pr p	TIC
141	+MCC14.2=ES01-QA3612 =A013/1043.4	3RH2911-1HA11 AUX.SWITCH BLOCK,FRONT,1NO+1NC, MOTOR CONT., SZ S00 AND S0	Siemens
142	+MCC14.2=ES01-QA3612 =A013/1043.4	3RT2024-1BB40 CONTACTOR, AC-3, 5.5KW/400V, 1NO+1NC, DC 24V, 3-POLE, SZ S0	Siemens
143	+MCC14.2=ES01-QA3612 =A013/1043.4	3RT2916-1EH00 Surge Arrestor 400VAC	Siemens
144	+MCC14.2=ES01-QA3613 =A014/1045.4	3RH2911-1HA11 AUX.SWITCH BLOCK,FRONT,1NO+1NC, MOTOR CONT., SZ S00 AND S0	Siemens
145	+MCC14.2=ES01-QA3613 =A014/1045.4	3RT2024-1BB40 CONTACTOR, AC-3, 5.5KW/400V, 1NO+1NC, DC 24V, 3-POLE, SZ S0	Siemens
146	+MCC14.2=ES01-QA3613 =A014/1045.4	3RT2916-1EH00 Surge Arrestor 400VAC	Siemens
147	+MCC14.2=ES01-QA3623 =A023/1049.4	3RH2911-1HA11 AUX.SWITCH BLOCK,FRONT,1NO+1NC, MOTOR CONT., SZ S00 AND S0	Siemens
148	+MCC14.2=ES01-QA3623 =A023/1049.4	3RT2024-1BB40 CONTACTOR, AC-3, 5.5KW/400V, 1NO+1NC, DC 24V, 3-POLE, SZ S0	Siemens
149	+MCC14.2=ES01-QA3623 =A023/1049.4	3RT2916-1EH00 Surge Arrestor 400VAC	Siemens
150	+MCC14.2=ES04-QA3611 =A012/1042.4	3RH2911-1HA11 AUX.SWITCH BLOCK,FRONT,1NO+1NC, MOTOR CONT., SZ S00 AND S0	Siemens



JHI, USA

Forming Head #1

10602

Rev.: A01

Dcc.: &EPB

Next page : 1106

# Component list

Pos.	Component Page/path	Type Description	Make
151	+MCC14.2=ES04-QA3611 =A012/1042.4	3RT2024-1BB40 CONTACTOR, AC-3, 5.5KW/400V, 1NO+1NC, DC 24V, 3-POLE, SZ S0	Siemens
152	+MCC14.2=ES04-QA3611 =A012/1042.4	3RT2916-1EH00 Surge Arrestor 400VAC	Siemens
153	+MCC14.2=ES04-QA3614 =A015/1046.4	3RH2911-1HA11 AUX.SWITCH BLOCK,FRONT,1NO+1NC, MOTOR CONT., SZ S00 AND S0	Siemens
154	+MCC14.2=ES04-QA3614 =A015/1046.4	3RT2024-1BB40 CONTACTOR, AC-3, 5.5KW/400V, 1NO+1NC, DC 24V, 3-POLE, SZ S0	Siemens
155	+MCC14.2=ES04-QA3614 =A015/1046.4	3RT2916-1EH00 Surge Arrestor 400VAC	Siemens
156	+MCC14.2=ES04-QA3615 =A016/1047.4	3RH2911-1HA11 AUX.SWITCH BLOCK,FRONT,1NO+1NC, MOTOR CONT., SZ S00 AND S0	Siemens
157	+MCC14.2=ES04-QA3615 =A016/1047.4	3RT2024-1BB40 CONTACTOR, AC-3, 5.5KW/400V, 1NO+1NC, DC 24V, 3-POLE, SZ S0	Siemens
158	+MCC14.2=ES04-QA3615 =A016/1047.4	3RT2916-1EH00 Surge Arrestor 400VAC	Siemens
159	+MCC14.3=AC01-TA1001 =AC01/300.1	4AM5742-8DD40-0FA0 TRANSFORMER SITAS; PHASES:1; PN/PN(S6)(kVA):1 /5;	Siemens
160	+MCC14.3=AUX01-EA2003 =DC02/290.6	TIC14415 LED Luminaire 24VDC w. movement sensor, 3M. cable 1 pcs pr p	TIC
161	+MCC14.3=AUX01-FC1001 =AUX01/301.1	5ST3010 AUXILIARY SWITCH MOUNT. 1S+1OE, F. LS-SWITCH T=70MM	Siemens
162	+MCC14.3=AUX01-FC1001 =AUX01/301.1	5SY6106-7 CIRCUIT BREAKER 230/400V 6KA, 1-POLE, C, 6A, D=70MM	Siemens
163	+MCC14.3=AUX01-QA1001 =AUX01/301.3	3RT2015-1BB41 CONTACTOR AC-3 3KW/400V 1NO DC24V 3P SZ S00 SCREW TERMINAL	Siemens
164	+MCC14.3=AUX01-QA1001 =AUX01/301.3	3RT2916-1EH00 Surge Arrestor 400VAC	Siemens
165	+MCC14.3=AUX01-X51 (4) =AUX01/301.2	PT2,5 Terminal spring	Phoenix Contact
166	+MCC14.3=AUX01-X51 (2) =AUX01/301.1	PT2,5-PE Ground terminal spring	Phoenix Contact
167	+MCC14.3=DC01-1LDC =DC01/280.5	5SY6110-7 CIRCUIT BREAKER 230/400V 6KA, 1-POLE, C, 10A, D=70MM	Siemens
168	+MCC14.3=DC01-2LDC =DC01/280.7	5SY6106-7 CIRCUIT BREAKER 230/400V 6KA, 1-POLE, C, 6A, D=70MM	Siemens
169	+MCC14.3=DC01-X1 (2) =DC01/280.1	PT4 Terminal spring	Phoenix Contact
170	+MCC14.3=DC01-X1 =DC01/280.1	PT4-PE Ground terminal	Phoenix Contact
171	+MCC14.3=DC01-X100 (8) =DC01/280.4	PT2,5 Terminal spring	Phoenix Contact
172	+MCC14.3=DC01-X101 (3) =DC01/280.6	PT2,5 Terminal spring	Phoenix Contact
173	+MCC14.3=DC01-X102 (5) =DC01/280.7	PT2,5 Terminal spring	Phoenix Contact
174	+MCC14.3=DC02-1LDC =DC02/290.3	5SY6104-7 CIRCUIT BREAKER 230/400V 6KA, 1-POLE, C, 4A, D=70MM	Siemens
175	+MCC14.3=DC02-X1 (2) =DC02/290.1	PT4 Terminal spring	Phoenix Contact



JHI, USA

Rev.: A01

Dcc.: &amp;EPB

Forming Head #1

Next page : 1107

10602

# Component list

Pos.	Component Page/path	Type Description	Make
176	+MCC14.3=DC02-X1 =DC02/290.1	PT4-PE Ground terminal	Phoenix Contact
177	+MCC14.3=DC02-X52 (6) =DC02/290.7	PT2,5 Terminal spring	Phoenix Contact
178	+MCC14.3=ES04-QA1010 =ES01/700.1	G7SA-2A2B24DC Safetyrelay 2NO+2NC, 6A	Omron
179	+MCC14.3=ETH14-KF2001 =ETH14/600.1	6GK5216-0BA00-2AB2 SCALANCE XB216 MANAGEABLE SWITCH 16X 10/100 MBITS/S RJ45 POR	Siemens
180	+MCC14.3=IO14-KF1001 =IO14/501.1	6ES7155-6AA01-0BN0 SIMATIC ET 200SP, PROFINET INTERFACE MODULE IM155-6PN STANDA	Siemens
181	+MCC14.3=IO14-KF3001 =IO14/501.3	6ES7193-6BP00-0DA0 SIMATIC ET 200SP, BASEUNIT BU15-P16+A0+2D, BU-TYPE A0, PUSH-	Siemens
182	+MCC14.3=IO14-KF3001 =IO14/501.3	6ES7131-6BH01-0BA0 SIMATIC ET200SP DI 16x24VDC STD	Siemens
183	+MCC14.3=IO14-KF3002 =IO14/502.1	6ES7193-6BP00-0BA0 SIMATIC ET 200SP, BASEUNIT BU15-P16+A0+2B, BU-TYPE A0, PUSH-	Siemens
184	+MCC14.3=IO14-KF3002 =IO14/502.1	6ES7131-6BH01-0BA0 SIMATIC ET200SP DI 16x24VDC STD	Siemens
185	+MCC14.3=IO14-KF3003 =MCC14/210.4	6ES7193-6BP00-0BA0 SIMATIC ET 200SP, BASEUNIT BU15-P16+A0+2B, BU-TYPE A0, PUSH-	Siemens
186	+MCC14.3=IO14-KF3003 =MCC14/210.4	6ES7131-6BH01-0BA0 SIMATIC ET200SP DI 16x24VDC STD	Siemens
187	+MCC14.3=IO14-KF3004 =AUX01/301.2	6ES7132-6BD20-0BA0 SIMATIC ET200SP DQ 4x24VDC/2A STD	Siemens
188	+MCC14.3=IO14-KF3004 =AUX01/301.2	6ES7193-6BP00-0DA0 SIMATIC ET 200SP, BASEUNIT BU15-P16+A0+2D, BU-TYPE A0, PUSH-	Siemens
189	+MCC14.3=IO14-KF3004 =IO14/503.1	6ES7132-6BF01-0BA0 SIMATIC ET 200SP, OUTPUT DQ 8X24VDC/0,5A STANDARD	Siemens
190	+MCC14.3=IO14-KF3005 =IO14/503.3	6ES7193-6BP00-0DA0 SIMATIC ET 200SP, BASEUNIT BU15-P16+A0+2D, BU-TYPE A0, PUSH-	Siemens
191	+MCC14.3=IO14-KF3005 =IO14/503.3	6ES7136-6DB00-0CA0 SIMATIC ET 200SP, SAFETY F-DQ 4XDC 24V/2A	Siemens
192	+MCC14.3=IO14-KF3006 =IO14/503.5	6ES7193-6BP00-0BA0 SIMATIC ET 200SP, BASEUNIT BU15-P16+A0+2B, BU-TYPE A0, PUSH-	Siemens
193	+MCC14.3=IO14-KF3006 =IO14/503.5	6ES7136-6DB00-0CA0 SIMATIC ET 200SP, SAFETY F-DQ 4XDC 24V/2A	Siemens
194			
195			
196			
197			
198			
199			
200			



JHI, USA

Forming Head #1

10602

Rev.: A01

Dcc.: &EPB

Next page : kabelplan

# Graphic Cable Plan



