

DWM - JHI

Laroche Feeder No 4, 5, 6

+MCC11

Customer:

Dan-Web Machinery A/S
Røddikvej 82
DK-8464
Galten

End Customer:

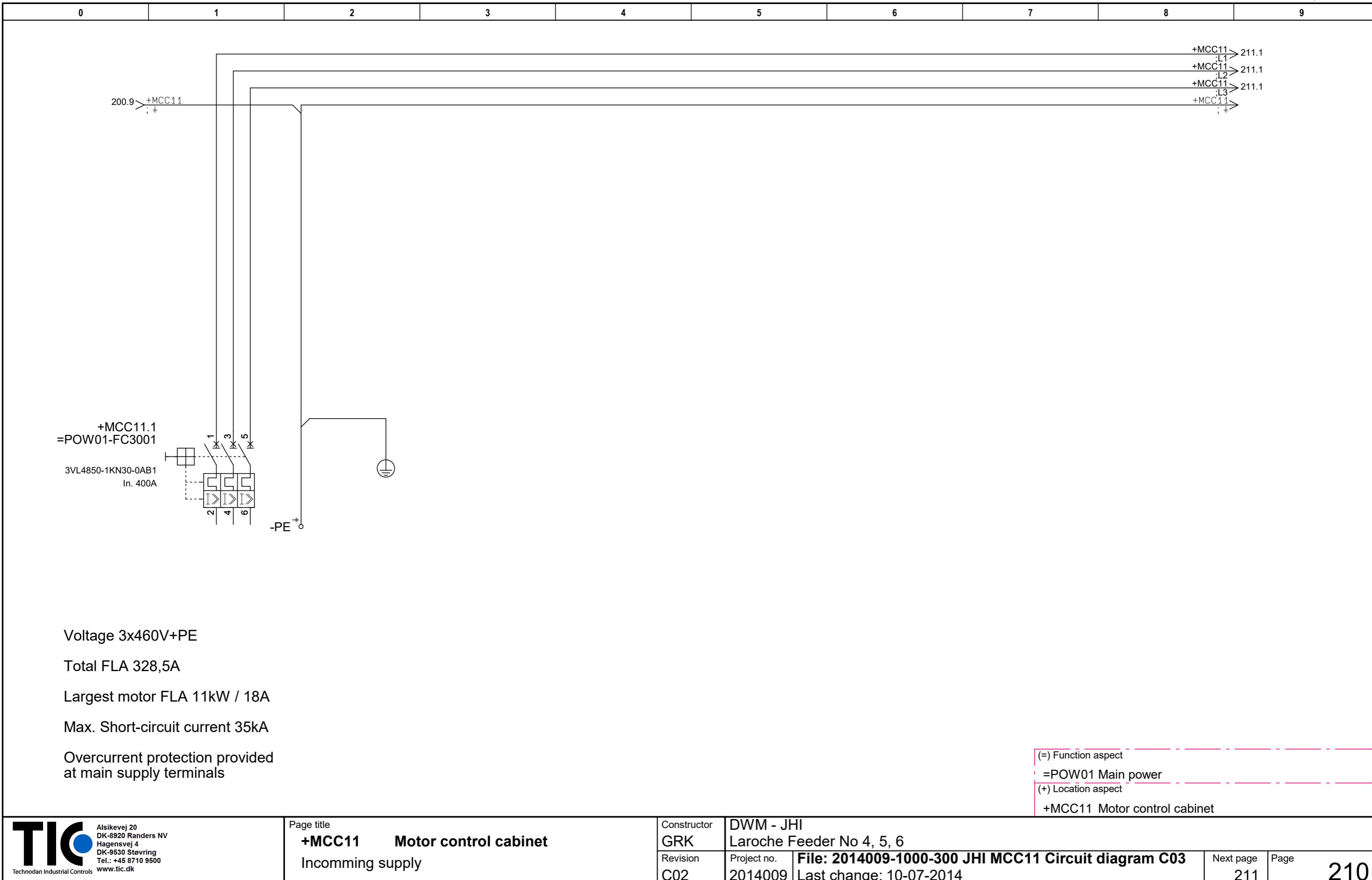
Jacob Holm Industries, Inc.
1265 Sand Hill Road
USA
Candler, NC 28715

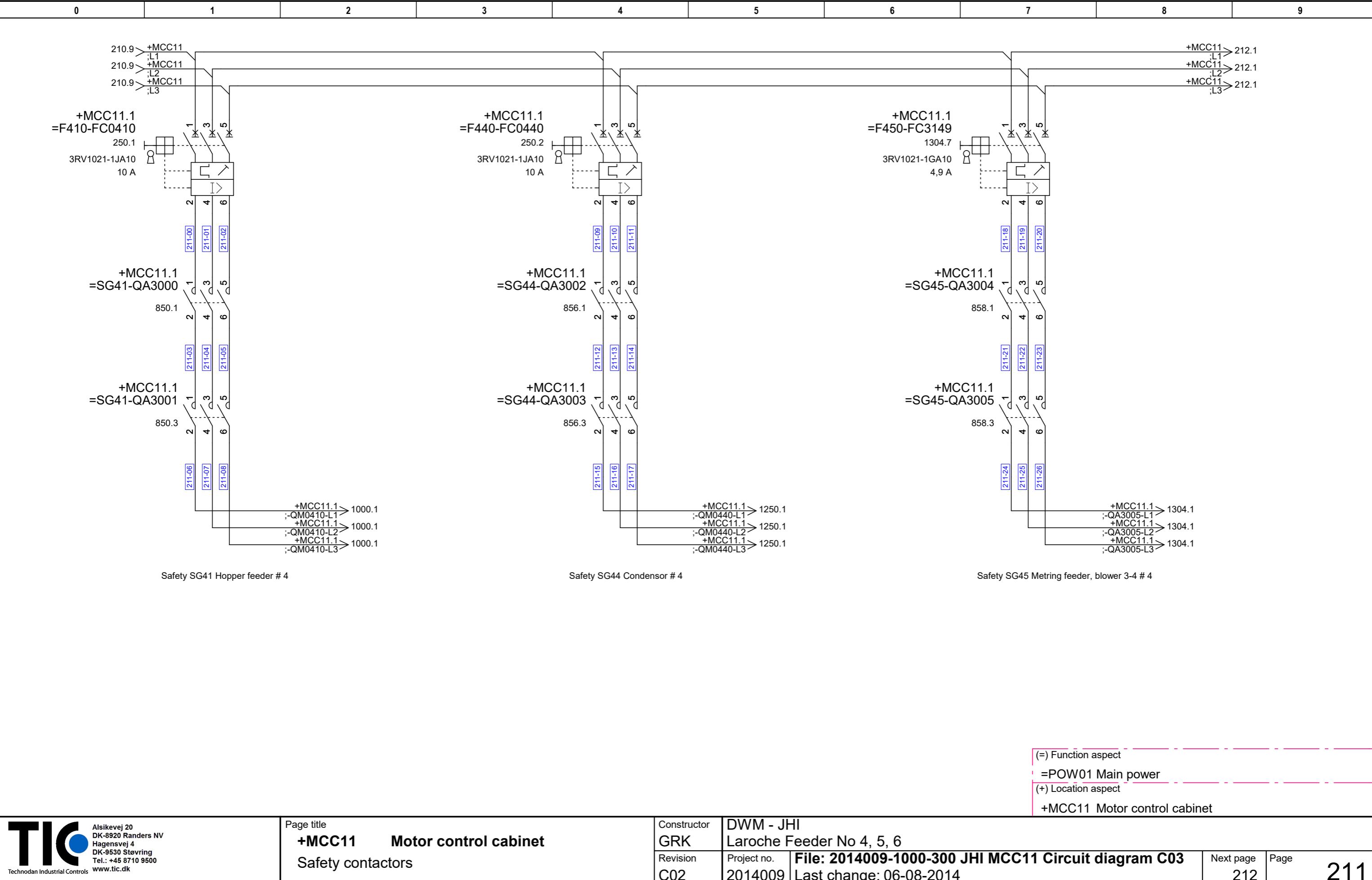
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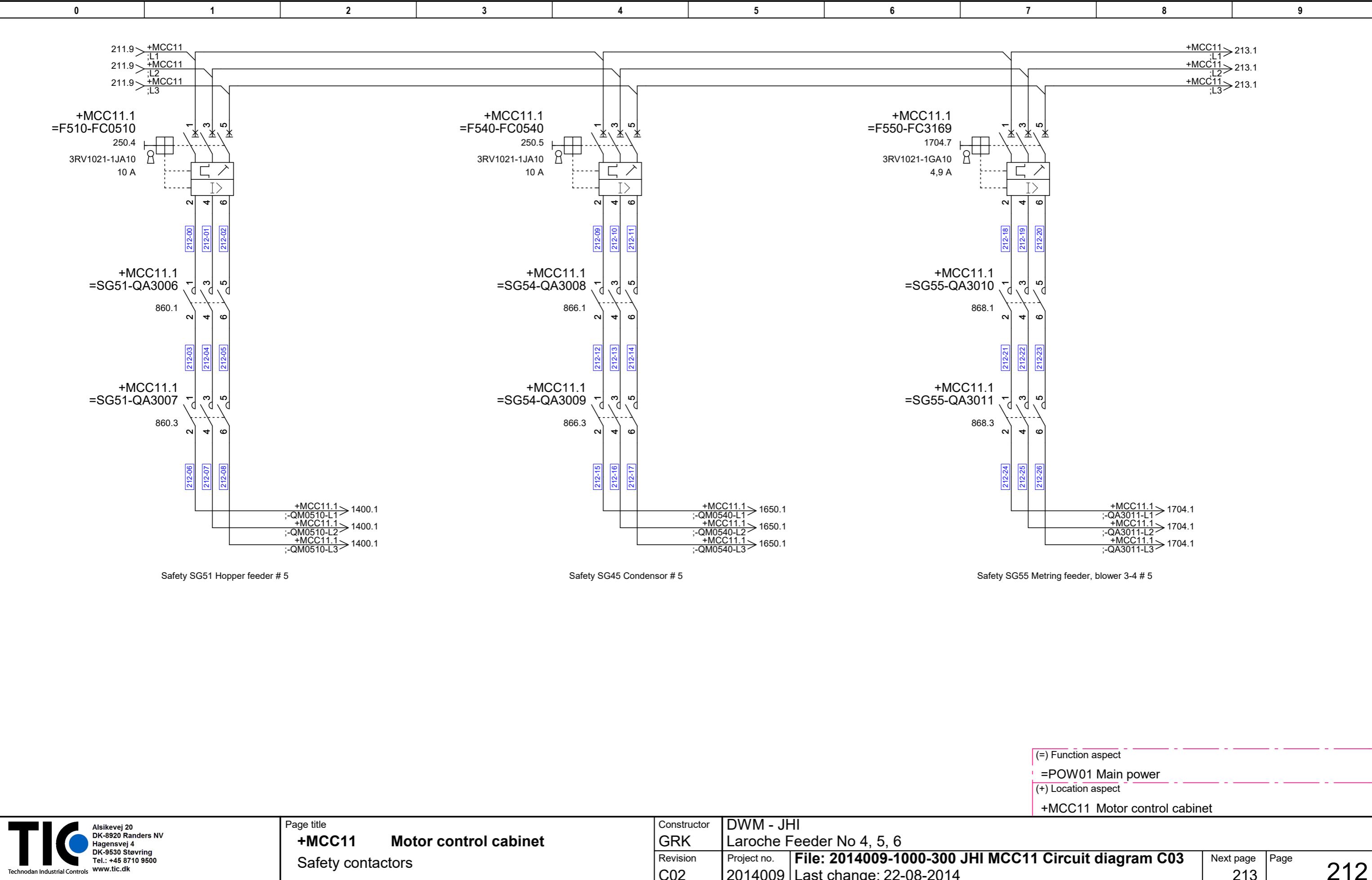
2014009

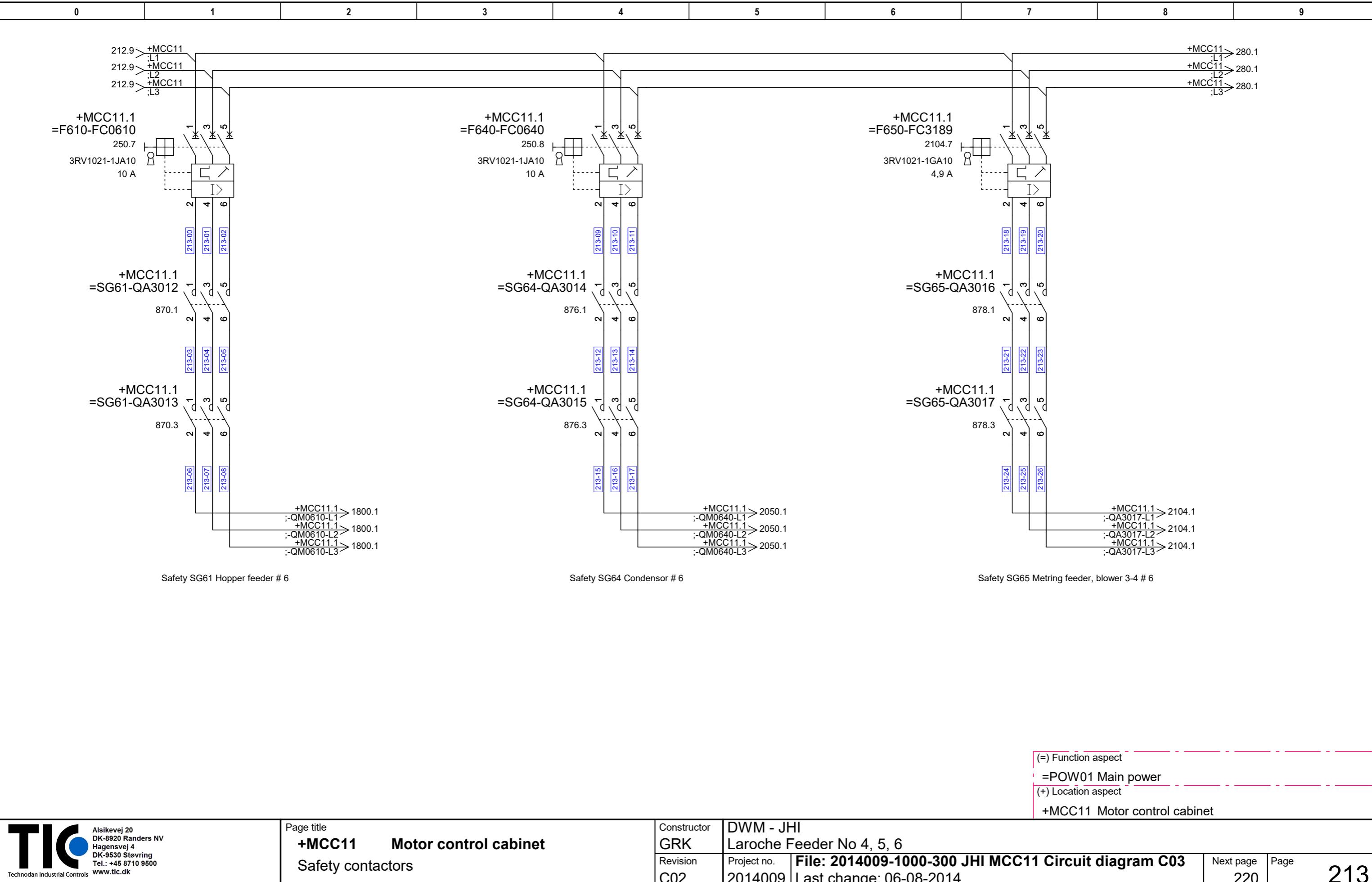


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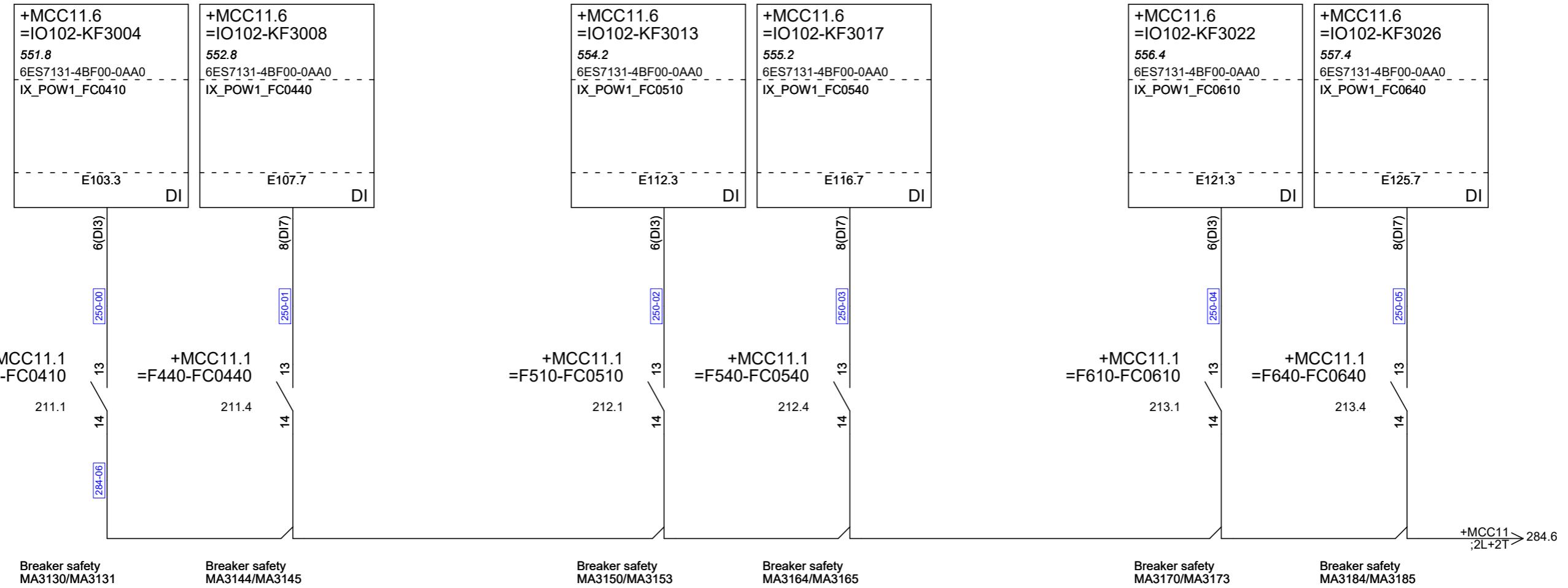




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(=) Function aspect
=POW01 Main power
(+) Location aspect
+MCC11 Motor control cabinet

0	1	2	3	4	5	6	7	8	9
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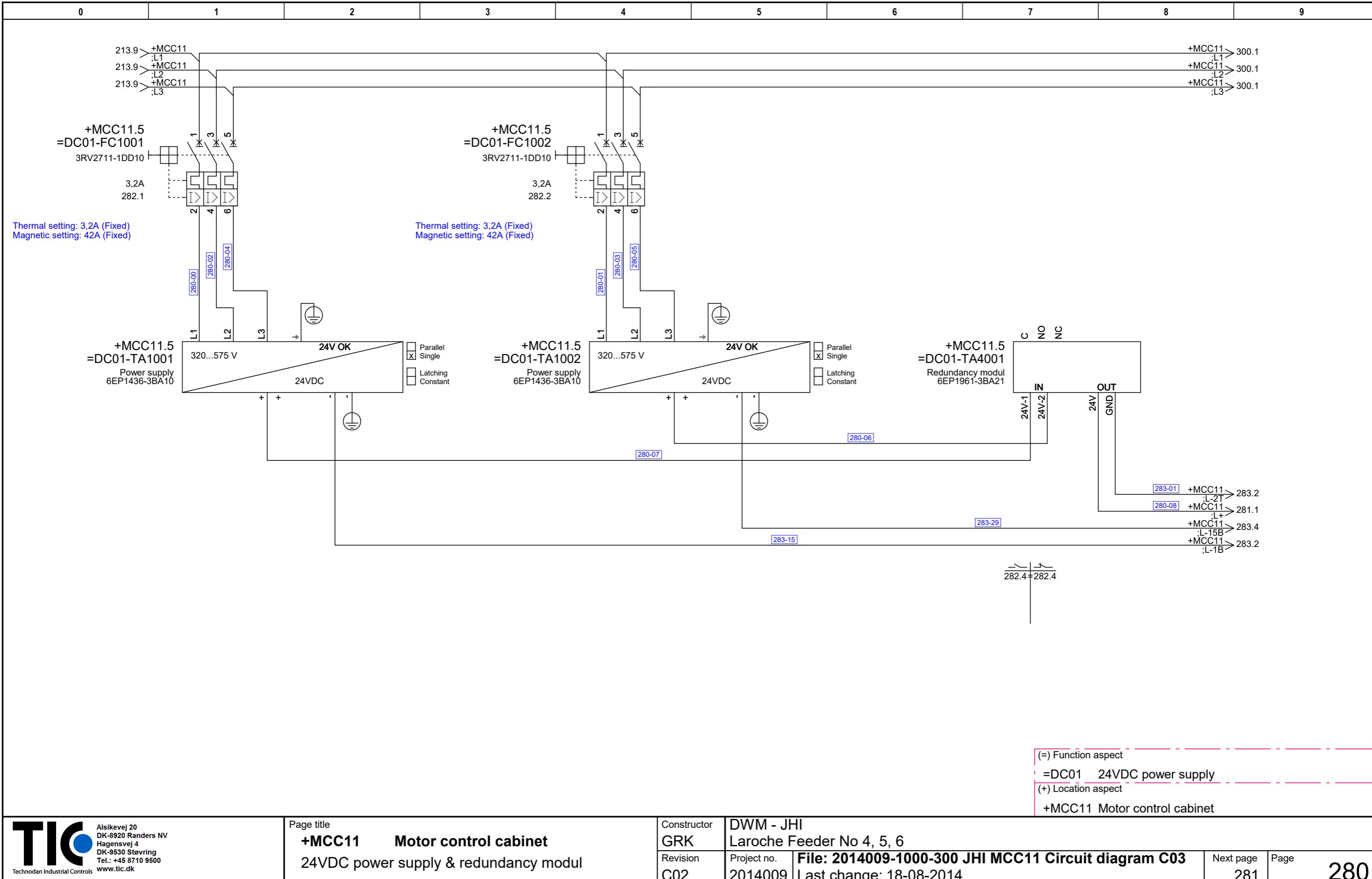
(=) Function aspect
 =POW01 Main power
 (+) Location aspect
 +MCC11 Motor control cabinet

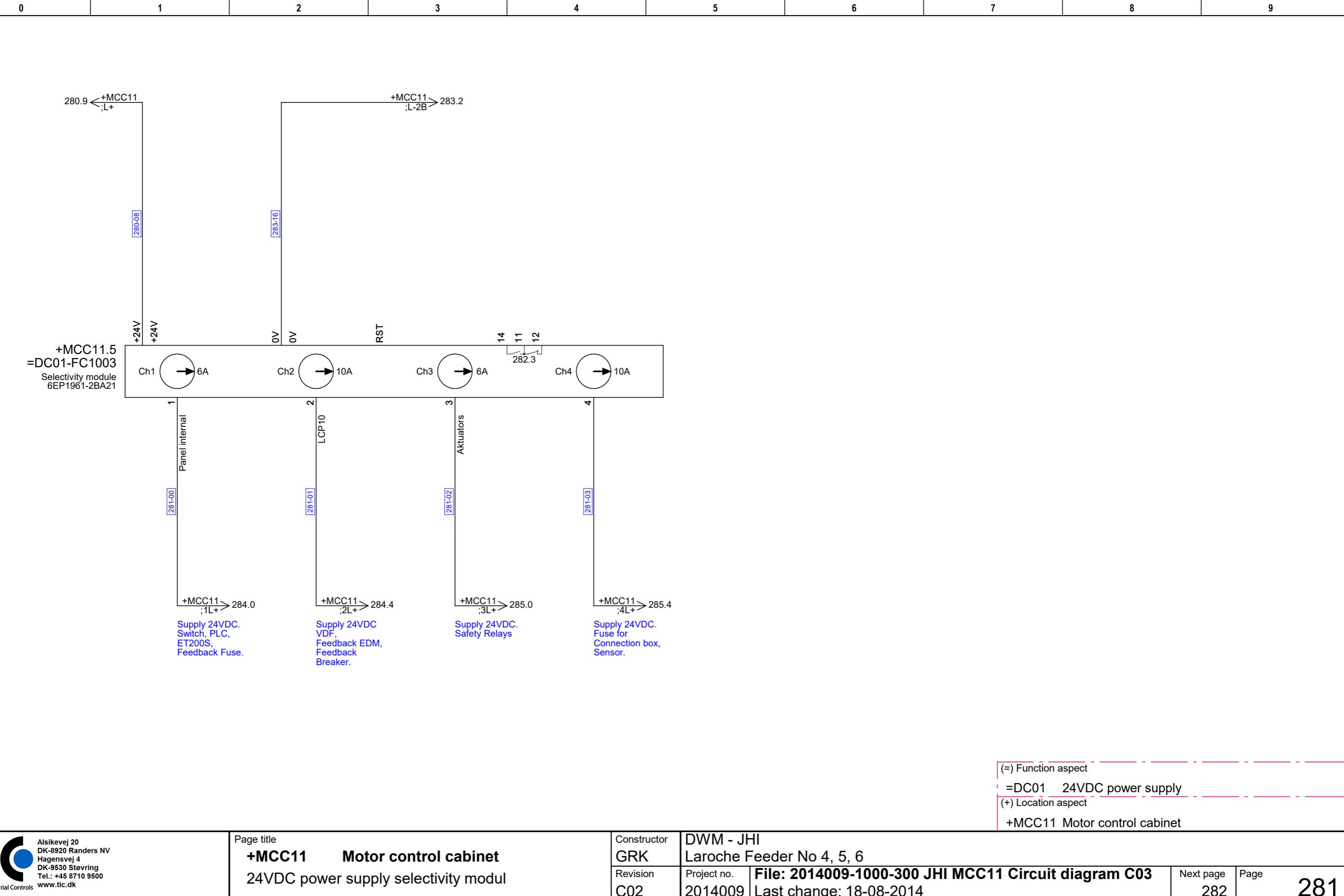
MCC - 24VDC power supply

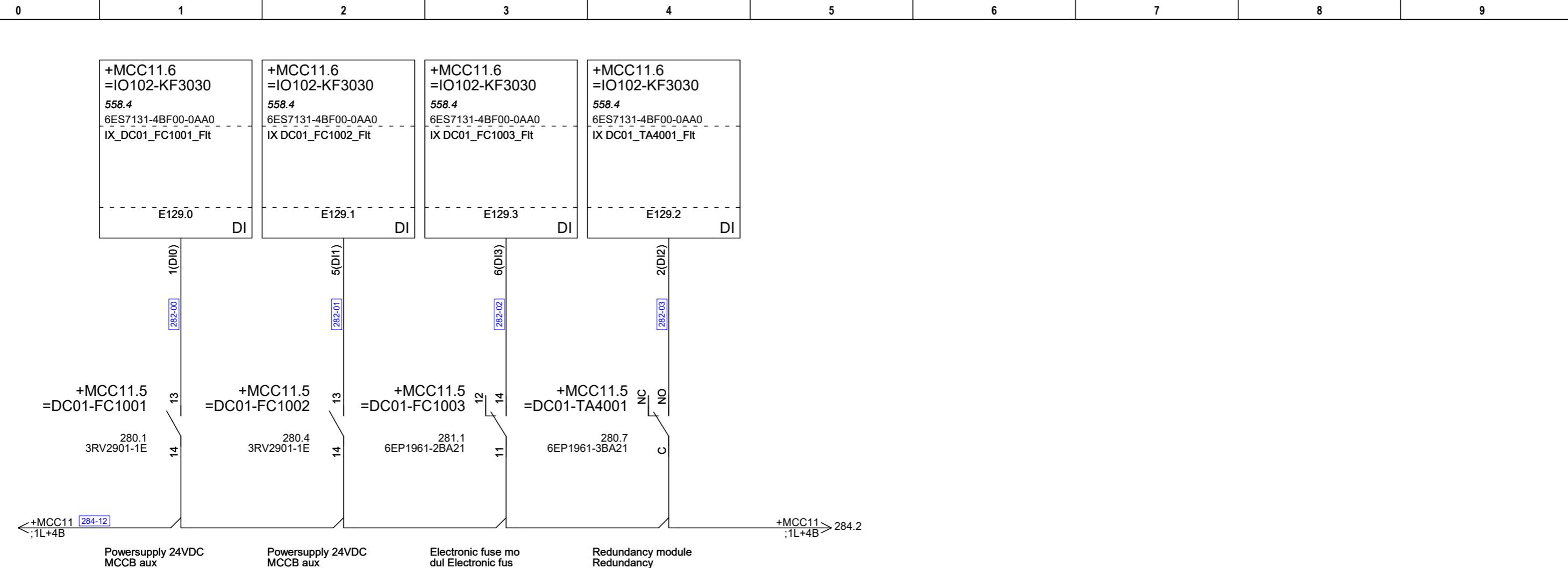


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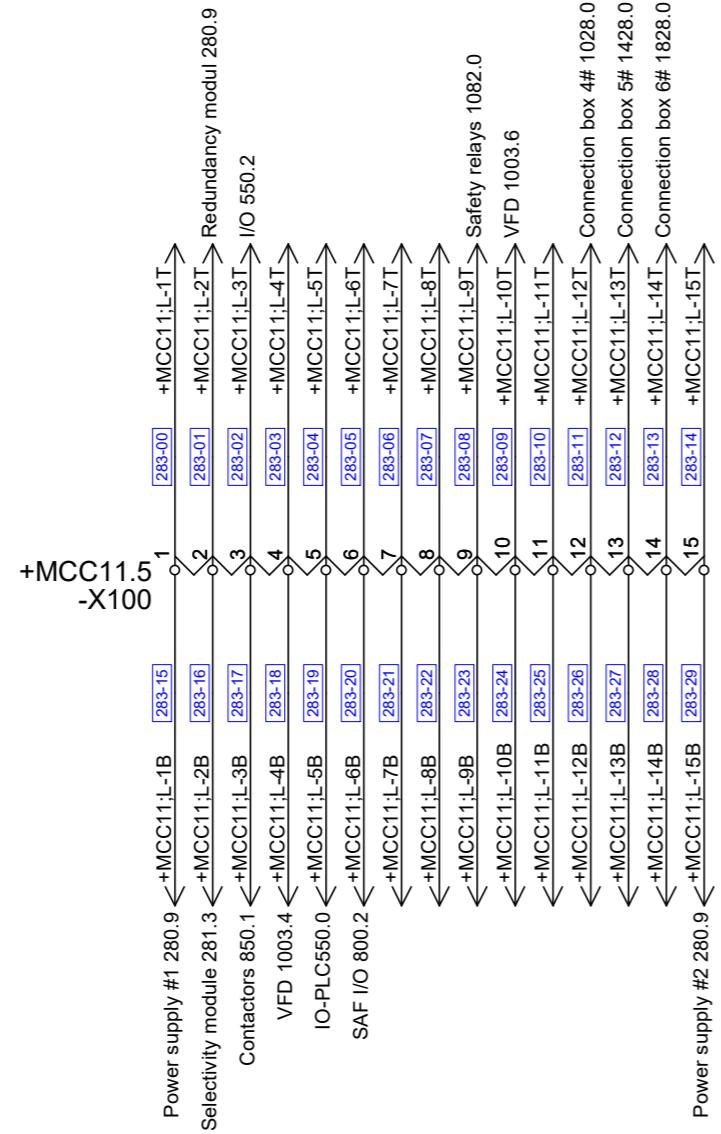




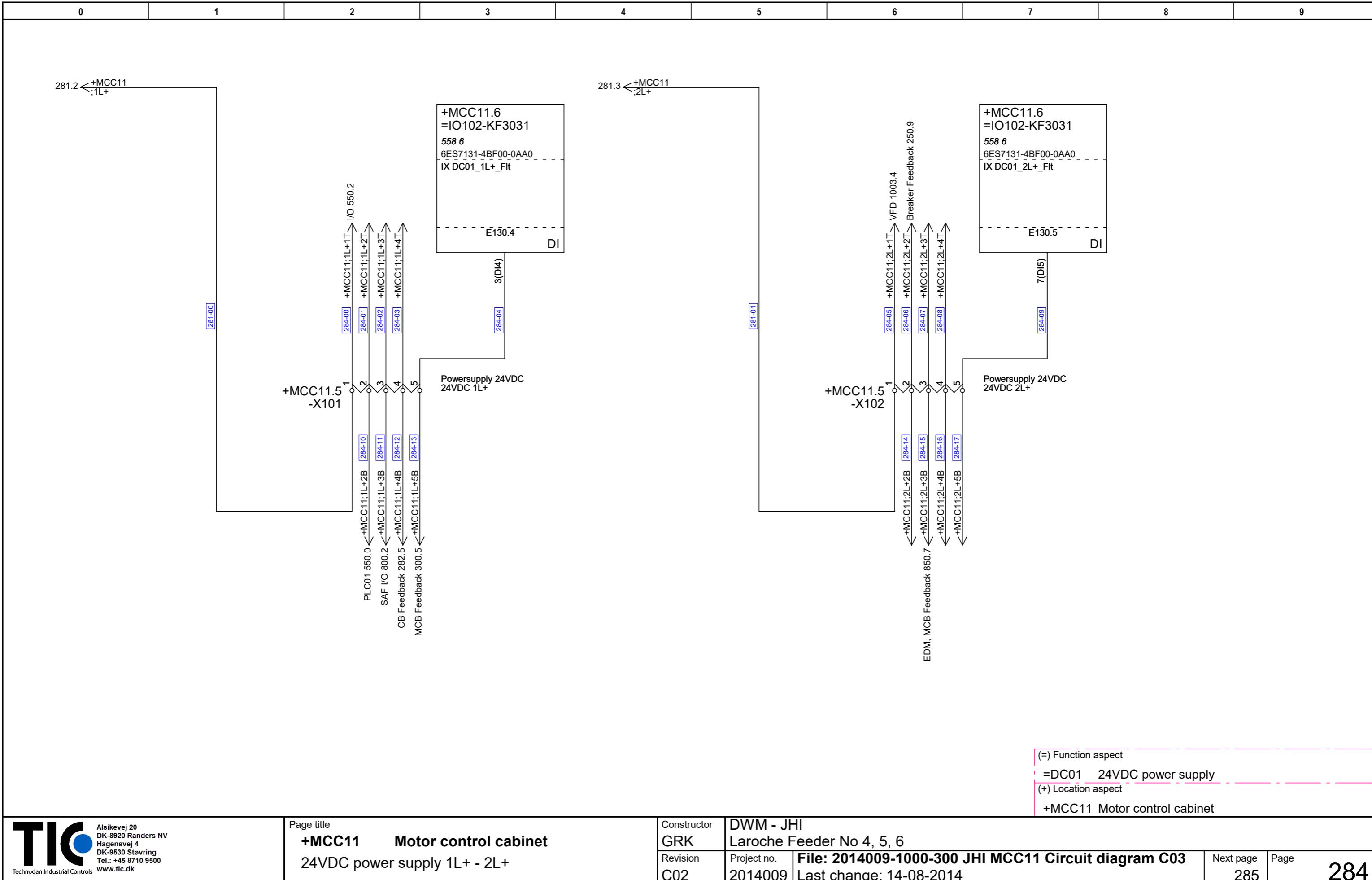


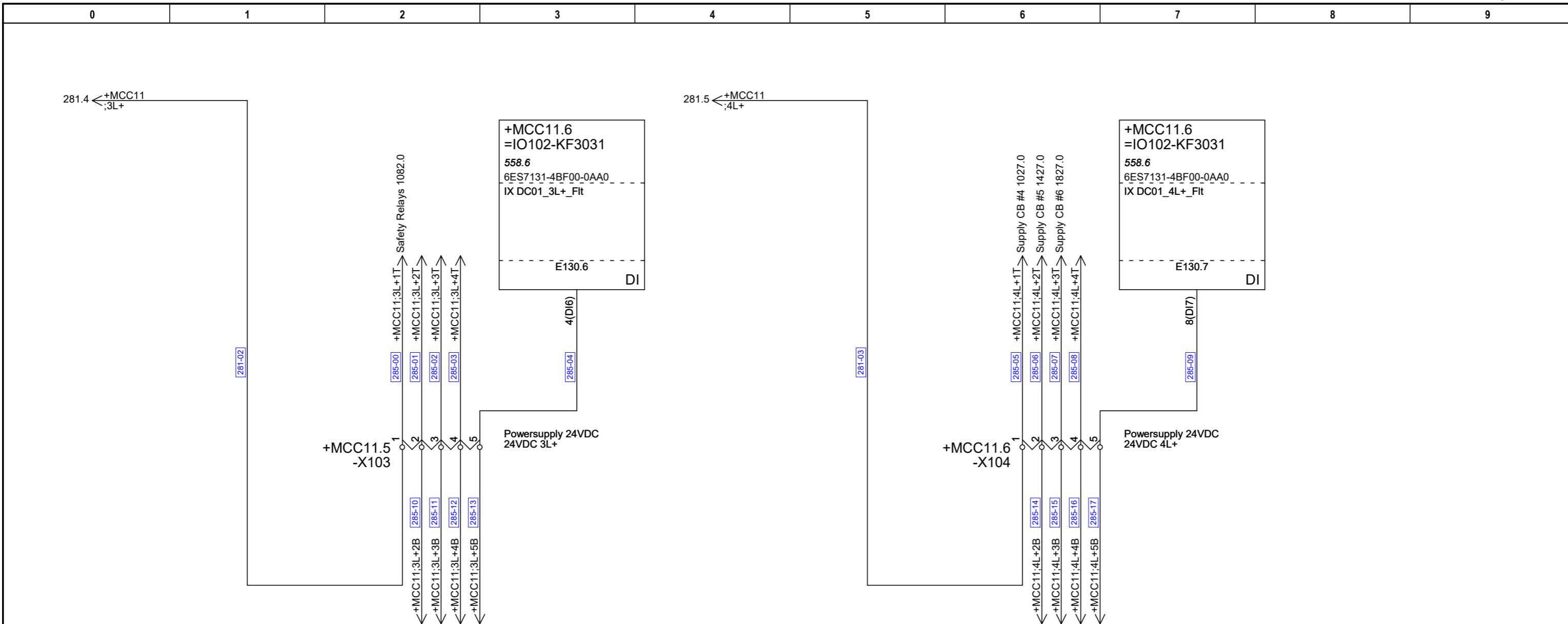
(=) Function aspect
 =DC01 24VDC power supply
 (+) Location aspect
 +MCC11 Motor control cabinet

0	1	2	3	4	5	6	7	8	9
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(=) Function aspect
 =DC01 24VDC power supply
 (+) Location aspect
 +MCC11 Motor control cabinet





(=) Function aspect

=DC01 24VDC power supply

(+) Location aspect

+MCC11 Motor control cabinet

0	1	2	3	4	5	6	7	8	9
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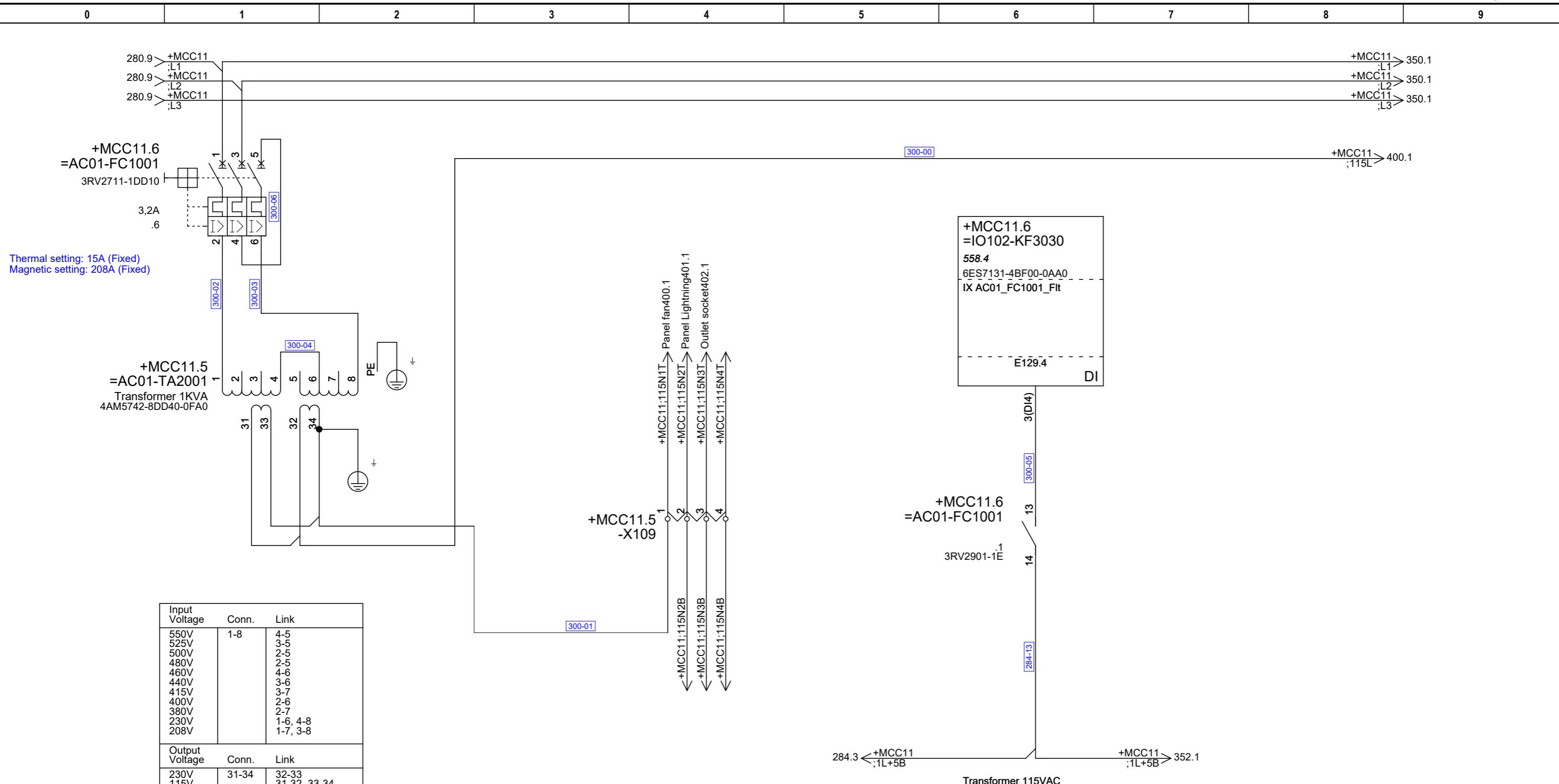
(=) Function aspect
=DC01 24VDC power supply
(+) Location aspect
+MCC11 Motor control cabinet

MCC - 115VAC power supply



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(=) Function aspect

=AC01 115VAC control power

(+) Location aspect

+MCC11 Motor control cabinet

0	1	2	3	4	5	6	7	8	9

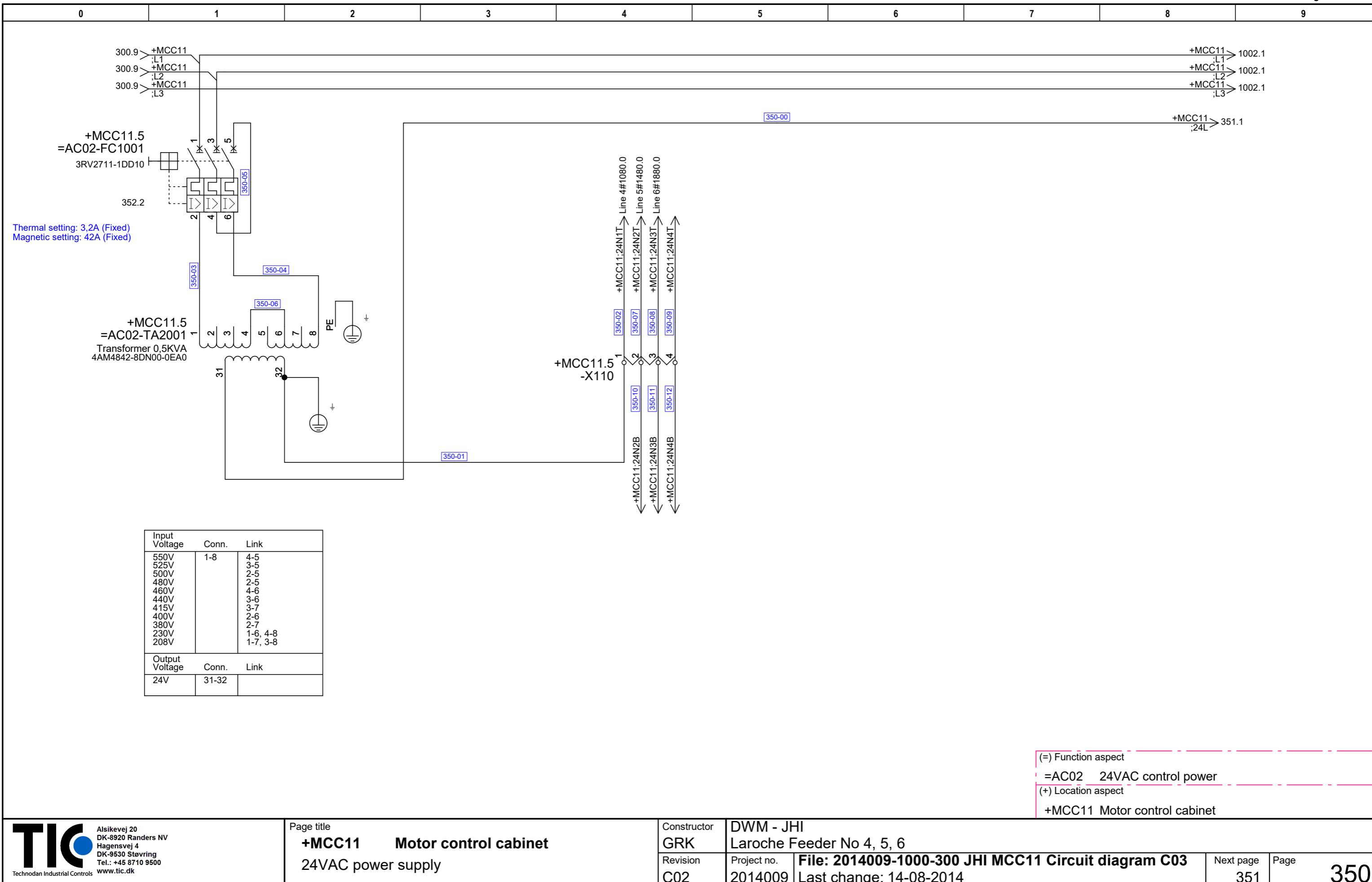
(=) Function aspect
=AC01 115VAC control power
(+) Location aspect
+MCC11 Motor control cabinet

MCC - 24VAC power supply

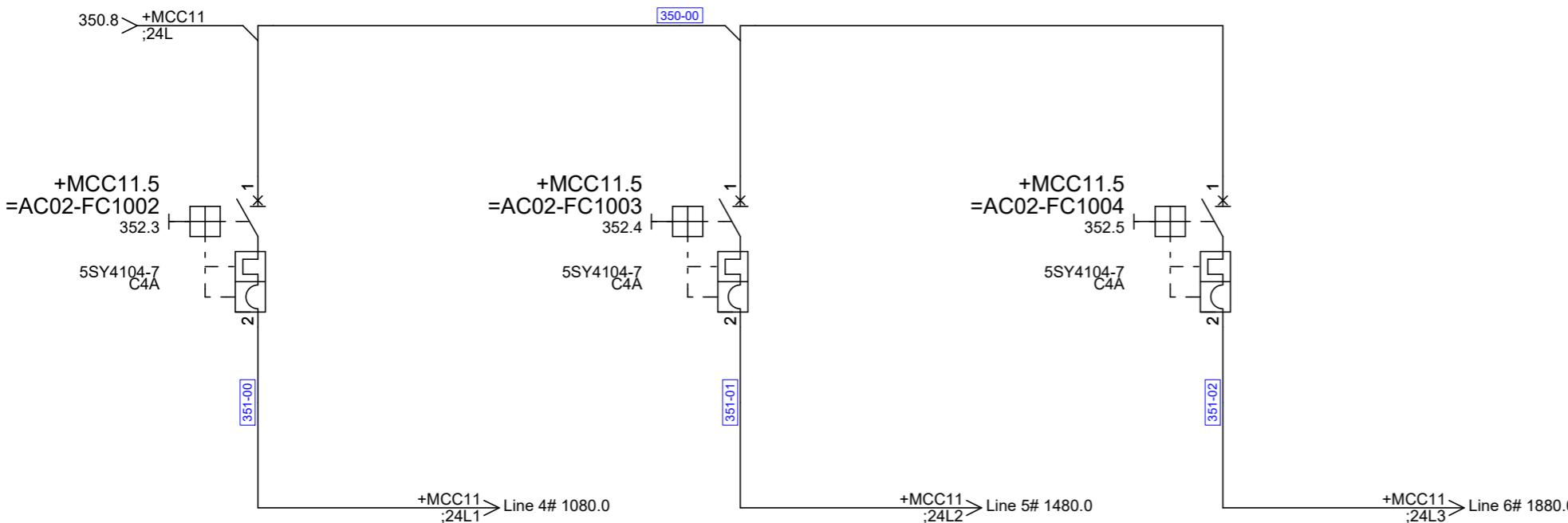


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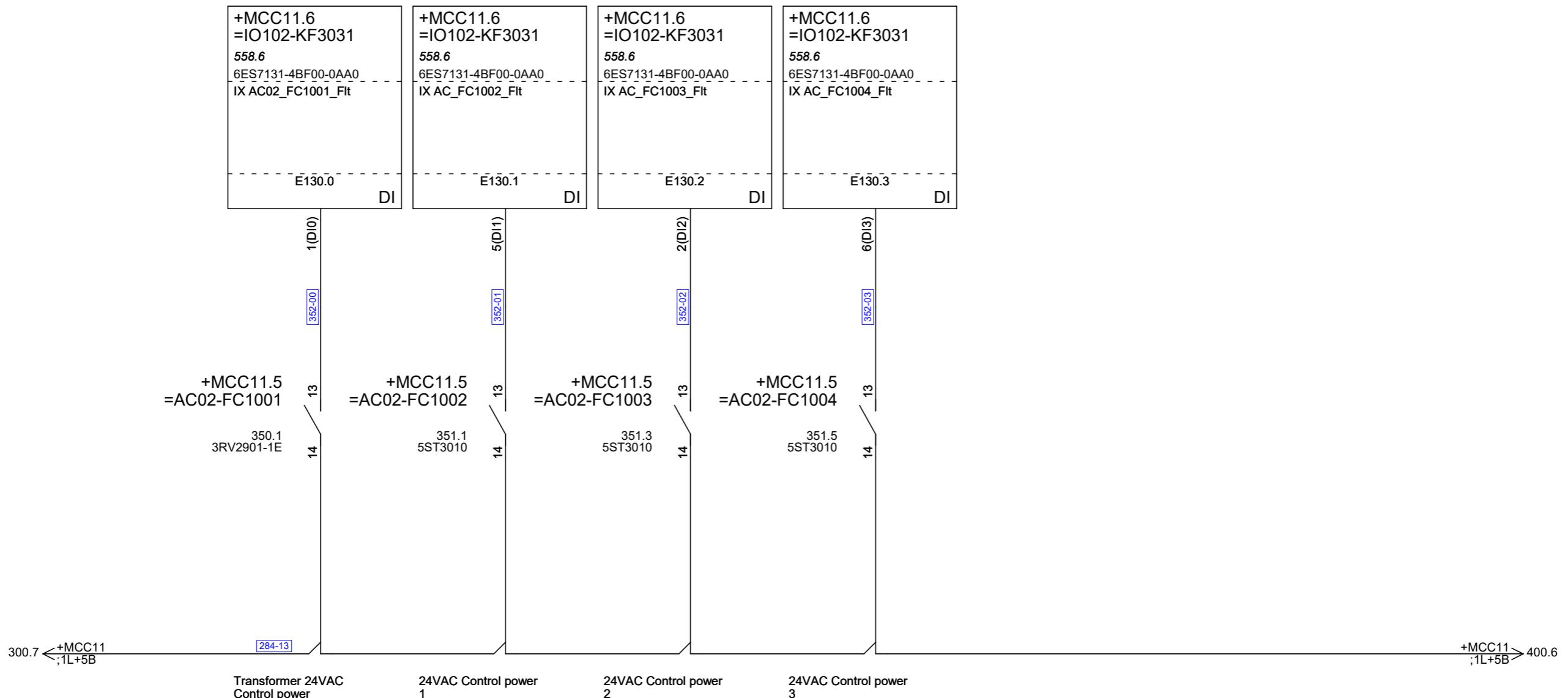


0	1	2	3	4	5	6	7	8	9
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(=) Function aspect
 =AC02 24VAC control power
 (+) Location aspect
 +MCC11 Motor control cabinet

0	1	2	3	4	5	6	7	8	9
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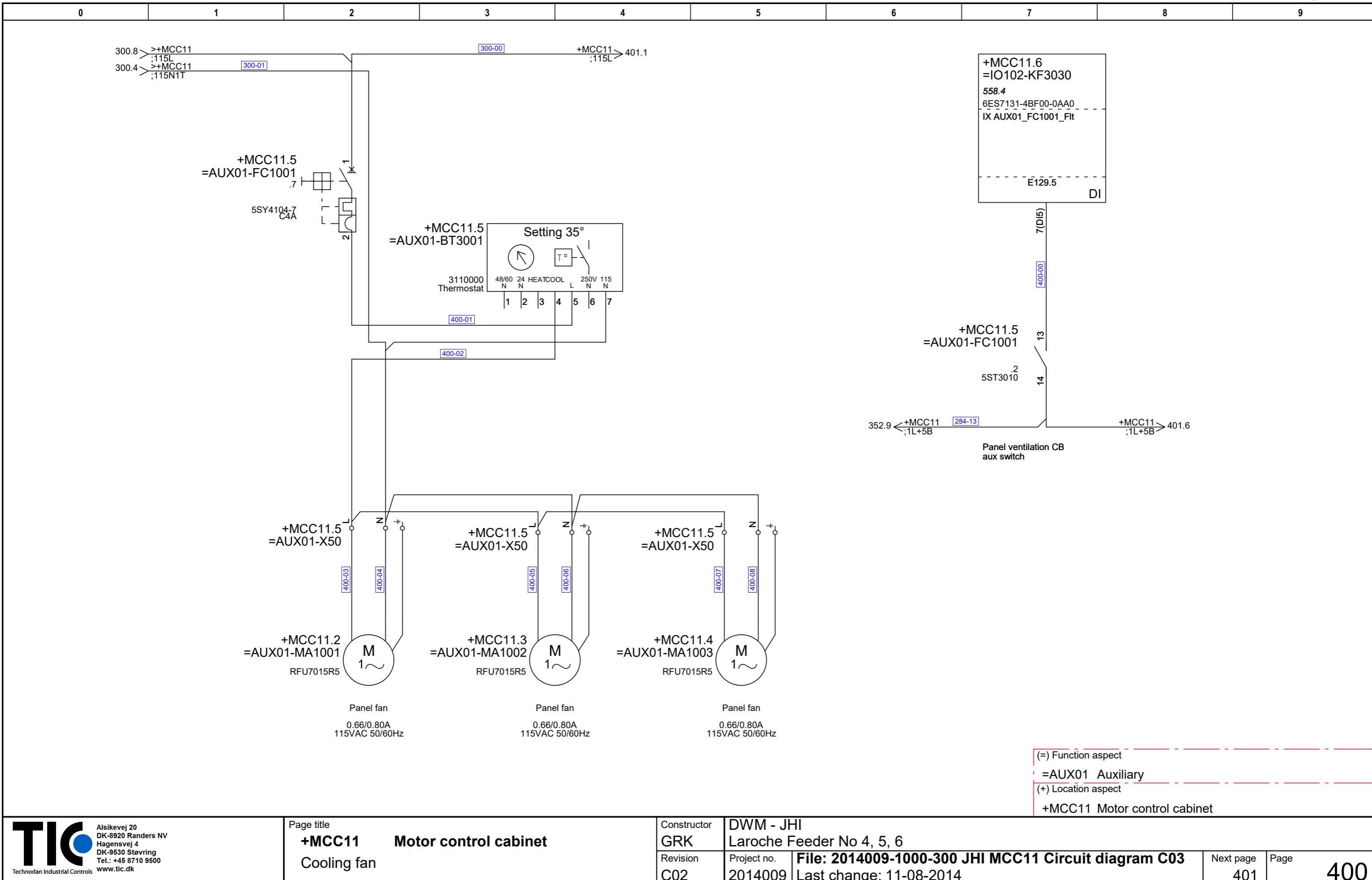
(=) Function aspect
 =AC02 24VAC control power
 (+) Location aspect
 +MCC11 Motor control cabinet

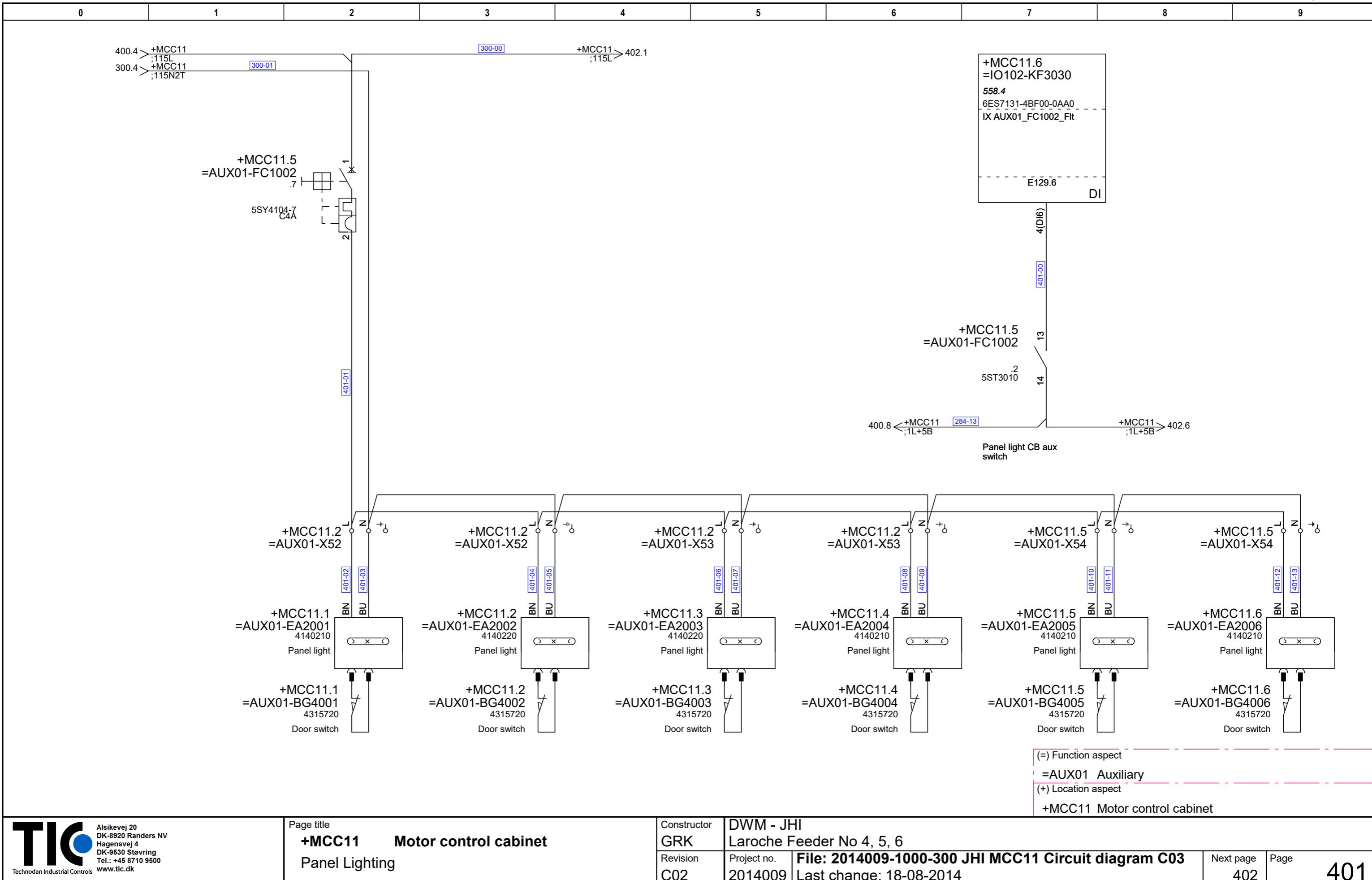
MCC - Auxiliary systems

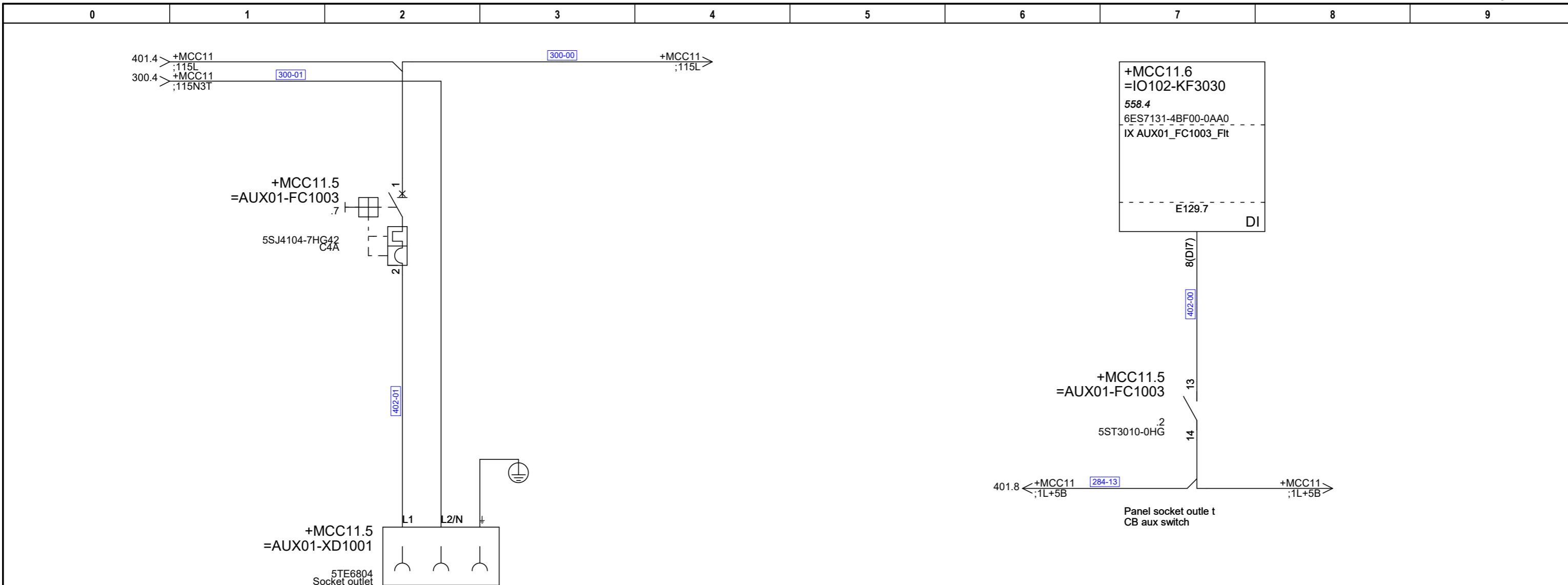


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Attention : Branch Circuit Protection 4A rating
 Use only for programming equipment

(=) Function aspect
 (=) AUX01 Auxiliary
 (+) Location aspect
 (+) MCC11 Motor control cabinet

MCC - PLC system



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0	1	2	3	4	5	6	7	8	9

(=) Function aspect
=PLC01 PLC system
(+) Location aspect
+MCC11 Motor control cabinet

0	1	2	3	4	5	6	7	8	9

(=) Function aspect
=PLC01 PLC system
(+) Location aspect
+MCC11 Motor control cabinet

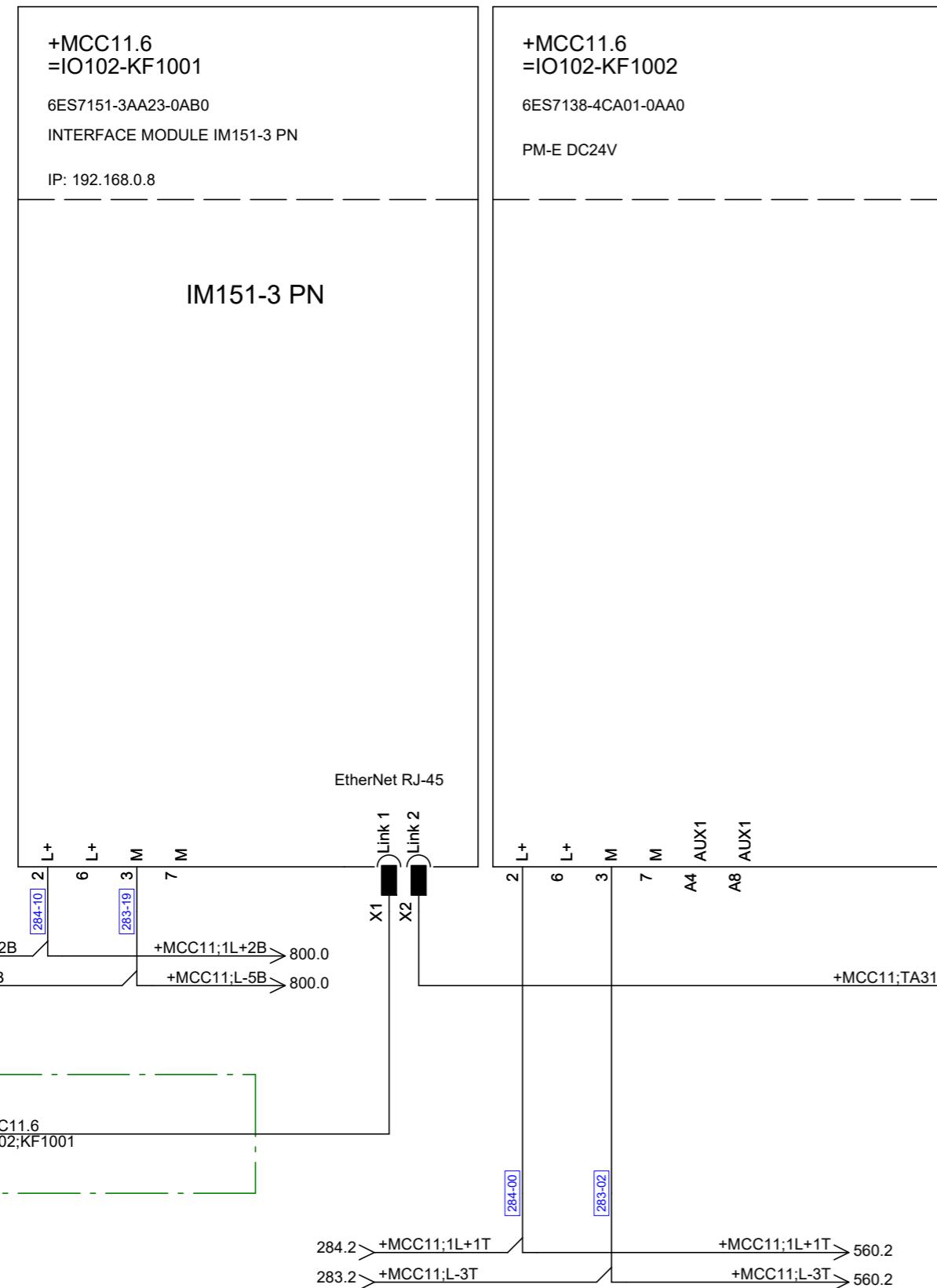
MCC - Process PLC IO stationer



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0	1	2	3	4	5	6	7	8	9
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(=) Function aspect
 =I0102 I/O system MCC11
 (+) Location aspect
 +MCC11 Motor control cabinet

0	1	2	3	4	5	6	7	8	9
<p>+MCC11.6 =IO102-KF3001 6ES7131-4BF00-0AA0 DI8 x DC 24V</p> <p>IX_00 1(DI0)</p> <p>Reserve (General working push button) E100.0</p> <p>IX_01 5(DI1)</p> <p>Reserve (General working on) E100.1</p> <p>IX_02 2(DI2)</p> <p>Reserve (Alarm stop push button) E100.2</p> <p>IX_03 6(DI3)</p> <p>Reserve (Control panel temp. fault) E100.3</p> <p>IX_04 3(DI4)</p> <p>Reserve (Reset fault push button) E100.4</p> <p>IX_05 7(DI5)</p> <p>Reserve E100.5</p> <p>IX_06 4(DI6)</p> <p>Reserve (Control panel EMS stop) E100.6</p> <p>IX_07 8(DI7)</p> <p>Reserve (Operating panel EMs stop) E100.7</p>	<p>+MCC11.6 =IO102-KF3002 6ES7131-4BF00-0AA0 DI8 x DC 24V</p> <p>IX_10 1(DI0)</p> <p>Reserve Run fibers E101.0</p> <p>IX_11 5(DI1)</p> <p>Reserve E101.1</p> <p>IX_12 2(DI2)</p> <p>Reserve Run fibers E101.2</p> <p>IX_13 6(DI3)</p> <p>Reserve E101.3</p> <p>IX_14 3(DI4)</p> <p>Reserve Run fibers E101.4</p> <p>IX_15 7(DI5)</p> <p>Reserve E101.5</p> <p>IX_ES321_Status 4(DI6)</p> <p>Safety status EM-stop ES321 E101.6</p> <p>IX_ES320_Status 880.2</p> <p>Safety system error state E101.7</p> <p>880.5</p>	<p>+MCC11.6 =IO102-KF3003 6ES7131-4BF00-0AA0 DI8 x DC 24V</p> <p>IX_DMA3130 1(DI0)</p> <p>Breaker motor MA3130/MVS41 E102.0</p> <p>IX_DMA3131 1000.7</p> <p>5(DI1)</p> <p>Breaker motor MA3131/MCA41 E102.1</p> <p>IX_DMA3132 1001.7</p> <p>2(DI2)</p> <p>Breaker motor MA3132/MCE41 E102.2</p> <p>IX_DMA3133 1002.7</p> <p>6(DI3)</p> <p>Breaker motor MA3133/MCT41 E102.3</p> <p>IX_DMA3134 1004.7</p> <p>3(DI4)</p> <p>Breaker motor MA3134/MCD41 E102.4</p> <p>IX_MOSCH4 1006.7</p> <p>7(DI5)</p> <p>Safety relay fault E102.5</p> <p>IX_SB43 851.2</p> <p>4(DI6)</p> <p>Safety lower door E102.6</p> <p>IX_SB46 1027.6</p> <p>8(DI7)</p> <p>Safety life line E102.7</p> <p>1027.8</p>	<p>+MCC11.6 =IO102-KF3004 6ES7131-4BF00-0AA0 DI8 x DC 24V</p> <p>IX_AUB41 1(DI0)</p> <p>Emergency stop E103.0</p> <p>IX_B41 1027.2</p> <p>5(DI1)</p> <p>Push button start MA3131/MCA41 E103.1</p> <p>IX_C41 1027.4</p> <p>2(DI2)</p> <p>Fibers level control E103.2</p> <p>IX_POW1_FC0410 1028.4</p> <p>6(DI3)</p> <p>Breaker safety MA3130/MA3131 E103.3</p> <p>IX_DMA3135 250.1</p> <p>3(DI4)</p> <p>SPARE E103.4</p> <p>IX_DMA3136 1050.7</p> <p>7(DI5)</p> <p>SPARE E103.5</p> <p>IX_DMA3137 1052.7</p> <p>4(DI6)</p> <p>SPARE E103.6</p> <p>IX_37 1100.7</p> <p>8(DI7)</p> <p>Reserve (Cylinder temperature) E103.7</p>						

(=) Function aspect
=IO102 I/O system MCC11
(+) Location aspect
+MCC11 Motor control cabinet

0	1	2	3	4	5	6	7	8	9
+MCC11.6 =IO102-KF3005 6ES7131-4BF00-0AA0 DI8 x DC 24V	IX_CADROH4	1(DI0)	+MCC11.6 =IO102-KF3006 6ES7131-4BF00-0AA0 DI8 x DC 24V	IX_C42	1(DI0)	+MCC11.6 =IO102-KF3007 6ES7131-4BF00-0AA0 DI8 x DC 24V	IX_CADROV4	1(DI0)	+MCC11.6 =IO102-KF3008 6ES7131-4BF00-0AA0 DI8 x DC 24V
SPARE	E104.0 IX_MOVNVT01	1082.5 5(DI1)	SPARE	E105.0 IX_AU04	1078.6 5(DI1)	SPARE	E106.0 IX_MOVNVT02	1180.5 5(DI1)	SPARE
SPARE	E104.1 IX_MSOH4	1102.6 2(DI2)	SPARE	E105.1 IX_52	1078.4 2(DI2)	SPARE	E106.1 IX_MSOV4	1202.6 2(DI2)	SPARE
Safety relay fault	E104.2 IX_5041	853.2 6(DI3)	Reserve	E105.2 IX_53	6(DI3)	Safety relay fault	E106.2 IX_S44	855.2 6(DI3)	SPARE
SPARE	E104.3 IX_SO42	1077.2 3(DI4)	Reserve	E105.3 IX_DMA3141	3(DI4)	SPARE	E106.3 IX_S43G	1184.8 3(DI4)	E107.0 IX_SB41D
SPARE	E104.4 IX_SO1	1077.4 7(DI5)	SPARE	E105.4 IX_DMA3142	1150.7 7(DI5)	SPARE	E106.4 IX_S43D	1185.2 7(DI5)	1185.6 5(DI1)
SPARE	E104.5 IX_IM04	1125.4 4(DI6)	SPARE	E105.5 IX_DMA3143	1152.7 4(DI6)	SPARE	E106.5 IX_S02	1185.4 4(DI6)	E107.1 IX_IM4G
SPARE	E104.6 IX_B04	1078.2 8(DI7)	SPARE	E105.6 IX_57	1200.7 8(DI7)	SPARE	E106.6 IX_AU41	1225.4 8(DI7)	1185.8 2(DI2)
SPARE	E104.7	1077.8	Reserve (Cylinder temperature)	E105.7		SPARE	E106.7	1184.4	E107.2 IX_IM4D
									1186.2 6(DI3)
									E107.3 IX_C43
									1186.4 3(DI4)
									E107.4 IX_C44
									1187.5 7(DI5)
									E107.5 IX_B4
									1187.7 4(DI6)
									E107.6 IX_POW1_FC0440
									1184.6 8(DI7)
									Breaker safety MA3144/MA3145
									E107.7 250.2

(=) Function aspect
=IO102 I/O system MCC11
(+) Location aspect
+MCC11 Motor control cabinet

0	1	2	3	4	5	6	7	8	9
<p>+MCC11.6 =IO102-KF3009 6ES7131-4BF00-0AA0 DI8 x DC 24V</p> <p>IX_DMA3144 1(DI0)</p> <p>SPARE</p> <p>E108.0 1250.7</p> <p>IX DMA3145 5(DI1)</p> <p>SPARE</p> <p>E108.1 1251.7</p> <p>IX DMA3146 2(DI2)</p> <p>SPARE</p> <p>E108.2 1252.7</p> <p>IX MOSCO4 6(DI3)</p> <p>Safety relay fault</p> <p>E108.3 857.2</p> <p>IX SBA4 3(DI4)</p> <p>SPARE</p> <p>E108.4 1275.4</p> <p>IX SBI4 7(DI5)</p> <p>SPARE</p> <p>E108.5 1275.6</p> <p>IX SBS4 4(DI6)</p> <p>SPARE</p> <p>E108.6 1275.2</p> <p>X AUC4 8(DI7)</p> <p>SPARE</p> <p>E108.7 1275.8</p>	<p>+MCC11.6 =IO102-KF3010 6ES7131-4BF00-0AA0 DI8 x DC 24V</p> <p>IX_SB42G 1(DI0)</p> <p>Left side chute safety door</p> <p>E109.0 1330.6</p> <p>IX_SB42D 5(DI1)</p> <p>Right side chute safety door</p> <p>E109.1 1330.8</p> <p>IX_C45 2(DI2)</p> <p>Upper fibers level control</p> <p>E109.2 1331.7</p> <p>IX_C46 6(DI3)</p> <p>Lower fibers level control</p> <p>E109.3 1331.8</p> <p>IX_DMA3147 3(DI4)</p> <p>Breaker motor MA3147/MPV4</p> <p>E109.4 1300.7</p> <p>IX_DMA3148 7(DI5)</p> <p>Breaker motor MA3148/MRD4</p> <p>E109.5 1302.7</p> <p>IX_DMA3149 4(DI6)</p> <p>Breaker motor MA3149/MRO4</p> <p>E109.6 1304.7</p> <p>IX_CADRC4 8(DI7)</p> <p>Rotation cylinder fault</p> <p>E109.7 1328.5</p>	<p>+MCC11.6 =IO102-KF3011 6ES7131-4BF00-0AA0 DI8 x DC 24V</p> <p>IX_MOSCD4 1(DI0)</p> <p>Safety relay fault</p> <p>E110.0 859.2</p> <p>IX_S45 5(DI1)</p> <p>Safety door</p> <p>E110.1 1330.2</p> <p>IX_AU42 2(DI2)</p> <p>Emergency stop</p> <p>E110.2 1330.4</p> <p>IX_103 6(DI3)</p> <p>Reserve</p> <p>E110.3 1320.3</p> <p>IX_K4 3(DI4)</p> <p>X-ray system ready</p> <p>E110.4 7(DI5)</p> <p>IX_RX4 7(DI5)</p> <p>X-ray system on</p> <p>E110.5 4(DI6)</p> <p>IX_DMA3151 4(DI6)</p> <p>Breaker motor MA3151/MV41</p> <p>E110.6 1350.7</p> <p>IX_DMA3152 8(DI7)</p> <p>Breaker motor MA3152/MV42</p> <p>E110.7 1352.7</p>	<p>+MCC11.6 =IO102-KF3012 6ES7131-4BF00-0AA0 DI8 x DC 24V</p> <p>IX_DMA3150 1(DI0)</p> <p>Breaker motor MA3150/MVS51</p> <p>E111.0 1400.7</p> <p>X_DMA3153 5(DI1)</p> <p>Breaker motor MA3153/MCA51</p> <p>E111.1 1401.7</p> <p>IX_DMA3154 2(DI2)</p> <p>Breaker motor MA3154/MCE51</p> <p>E111.2 1402.7</p> <p>IX_DMA3155 6(DI3)</p> <p>Breaker motor MA3155/MCT51</p> <p>E111.3 1404.7</p> <p>IX_DMA3156 3(DI4)</p> <p>Breaker motor MA3156/MCD51</p> <p>E111.4 1406.7</p> <p>IX_MOSCH5 7(DI5)</p> <p>Safety relay fault</p> <p>E111.5 861.2</p> <p>IX_SB53 4(DI6)</p> <p>Safety lower door</p> <p>E111.6 1427.6</p> <p>IX_SB56 8(DI7)</p> <p>Safety life line</p> <p>E111.7 1427.8</p>						

(=) Function aspect
=IO102 I/O system MCC11
(+) Location aspect
+MCC11 Motor control cabinet

0	1	2	3	4	5	6	7	8	9
<p>+MCC11.6 =IO102-KF3013 6ES7131-4BF00-0AA0 DI8 x DC 24V</p> <p>IX_AUB51 1(DI0)</p> <p>Emergency stop 1427.2</p> <p>E112.0 IX_B51 5(DI1)</p> <p>Push button start MA3153/MCA51 1427.4</p> <p>E112.1 IX_C51 2(DI2)</p> <p>Fibers level control 1428.4</p> <p>E112.2 IX_POW1_FC0510 6(DI3)</p> <p>Breaker safety MA3150/MA3153 250.4</p> <p>E112.3 IX_DMA3157 3(DI4)</p> <p>Breaker motor MA3157/MTC05 1450.7</p> <p>E112.4 IX_DMA3158 7(DI5)</p> <p>Breaker motor MA3158/MPC05 1452.7</p> <p>E112.5 IX_DMA3159 4(DI6)</p> <p>Breaker motor MA3159/MVT03 1500.7</p> <p>E112.6 IX_127 8(DI7)</p> <p>Reserve (Cylinder temperature) E112.7</p>	<p>+MCC11.6 =IO102-KF3014 6ES7131-4BF00-0AA0 DI8 x DC 24V</p> <p>IX_CADROH5 1(DI0)</p> <p>Cylinder rotation fault 1482.5</p> <p>E113.0 IX_MOVNVT03 5(DI1)</p> <p>Blower rotation fault 1502.6</p> <p>E113.1 IX_MOSOH5 2(DI2)</p> <p>Safety relay fault 863.2</p> <p>E113.2 IX_S051 6(DI3)</p> <p>Left side opener safety door 1477.2</p> <p>E113.3 IX_S052 3(DI4)</p> <p>Right side opener safety door 1477.4</p> <p>E113.4 IX_S03 7(DI5)</p> <p>Blower safety door 1525.4</p> <p>E113.5 IX_IM05 4(DI6)</p> <p>Over-tickness limit switch 1478.2</p> <p>E113.6 IX_B05 8(DI7)</p> <p>Push button reverse MA3157/MTC05 1477.8</p> <p>E113.7</p>	<p>+MCC11.6 =IO102-KF3015 6ES7131-4BF00-0AA0 DI8 x DC 24V</p> <p>IX_C52 1(DI0)</p> <p>Fibers level control 1478.6</p> <p>E114.0 IX_AU05 5(DI1)</p> <p>Emergency stop 1478.4</p> <p>E114.1 IX_142 2(DI2)</p> <p>Reserve 6(DI3)</p> <p>E114.2 IX_143 3(DI4)</p> <p>Breaker motor MA3161/MTC5 1550.7</p> <p>E114.3 IX_DMA3161 7(DI5)</p> <p>Breaker motor MA3162/MPC5 1552.7</p> <p>E114.4 IX_DMA3162 4(DI6)</p> <p>Breaker motor MA3163/MVT04 1600.7</p> <p>E114.5 IX_DMA3163 8(DI7)</p> <p>Reserve (Cylinder temperature) E114.6 IX_147 8(DI7)</p> <p>E114.7</p>	<p>+MCC11.6 =IO102-KF3016 6ES7131-4BF00-0AA0 DI8 x DC 24V</p> <p>IX_CADROV5 1(DI0)</p> <p>Cylinder rotation fault 1580.5</p> <p>E115.0 IX_MOVNVT04 5(DI1)</p> <p>Blower rotation fault 1602.6</p> <p>E115.1 IX_MOSOV5 2(DI2)</p> <p>Safety relay fault 865.2</p> <p>E115.2 IX_S54 6(DI3)</p> <p>Back side opener safety door 1584.8</p> <p>E115.3 IX_S53G 3(DI4)</p> <p>Left side opener safety door 1585.2</p> <p>E115.4 IX_S53D 7(DI5)</p> <p>Right side opener safety door 1585.4</p> <p>E115.5 IX_SO4 4(DI6)</p> <p>Blower safety door 1625.4</p> <p>E115.6 IX_AU51 8(DI7)</p> <p>Emergency stop 1584.4</p> <p>E115.7</p>						

(=) Function aspect
=IO102 I/O system MCC11
(+) Location aspect
+MCC11 Motor control cabinet

0	1	2	3	4	5	6	7	8	9
<p>+MCC11.6 =IO102-KF3017 6ES7131-4BF00-0AA0 DI8 x DC 24V</p> <p>IX_SB51 G</p> <p>Left side chute safety door</p> <p>E116.0 1585.6</p> <p>IX SB51D</p> <p>Right side chute safety door</p> <p>E116.1 1585.8</p> <p>IX IM5G</p> <p>Left over-tickness limit switch</p> <p>E116.2 1586.2</p> <p>IX IM5D</p> <p>Right over-tickness limit switch</p> <p>E116.3 1586.4</p> <p>IX C53</p> <p>Upper fibers level control</p> <p>E116.4 1587.5</p> <p>IX_C54</p> <p>Lower fibers level control</p> <p>E116.5 1587.7</p> <p>IX_B5</p> <p>Push button reverse MA3161/MTC5</p> <p>E116.6 1584.6</p> <p>IX_POW1_FC0540</p> <p>Breaker safety MA3164/MA3165</p> <p>E116.7 250.5</p>	<p>+MCC11.6 =IO102-KF3018 6ES7131-4BF00-0AA0 DI8 x DC 24V</p> <p>IX DMA3164</p> <p>Breaker motor MA3164/MCP5</p> <p>E117.0 1650.7</p> <p>IX_DMA3165</p> <p>Breaker motor MA3165/MCR5</p> <p>E117.1 1651.7</p> <p>IX DMA3166</p> <p>Breaker motor MA3166/MCV5</p> <p>E117.2 1652.7</p> <p>IX MOSCO5</p> <p>Safety relay fault</p> <p>E117.3 867.2</p> <p>IX SBAS</p> <p>Safety back door</p> <p>E117.4 1675.4</p> <p>IX SBI5</p> <p>Safety lower door</p> <p>E117.5 1675.6</p> <p>IX SBS5</p> <p>Safety upper door</p> <p>E117.6 1675.2</p> <p>IX AUC5</p> <p>Emergency stop</p> <p>E117.7 1675.8</p>	<p>+MCC11.6 =IO102-KF3019 6ES7131-4BF00-0AA0 DI8 x DC 24V</p> <p>IX_SB52G</p> <p>Left side chute safety door</p> <p>E118.0 1730.6</p> <p>IX_SB52D</p> <p>Right side chute safety door</p> <p>E118.1 1730.8</p> <p>IX_C55</p> <p>Upper fibers level control</p> <p>E118.2 1731.7</p> <p>IX_C56</p> <p>Lower fibers level control</p> <p>E118.3 1731.8</p> <p>IX_DMA3167</p> <p>Breaker motor MA3167/MPV5</p> <p>E118.4 1700.7</p> <p>IX DMA3168</p> <p>Breaker motor MA3168/MRD5</p> <p>E118.5 1702.7</p> <p>IX DMA3169</p> <p>Breaker motor MA3169/MRO5</p> <p>E118.6 1704.7</p> <p>IX_CADRCS</p> <p>Rotation cylinder fault</p> <p>E118.7 1728.5</p>	<p>+MCC11.6 =IO102-KF3020 6ES7131-4BF00-0AA0 DI8 x DC 24V</p> <p>IX_MOSCD5</p> <p>Safety relay fault</p> <p>E119.0 869.2</p> <p>IX_S55</p> <p>Safety door</p> <p>E119.1 1730.2</p> <p>IX_AU52</p> <p>Emergency stop</p> <p>E119.2 1730.4</p> <p>IX_193</p> <p>Reserve</p> <p>E119.3 1720.3</p> <p>IX_K5</p> <p>X-ray system ready</p> <p>E119.4 7(DI5)</p> <p>IX_RX5</p> <p>X-ray system on</p> <p>E119.5 4(DI6)</p> <p>IX_DMA3171</p> <p>Breaker motor MA3171/MV51</p> <p>E119.6 1750.7</p> <p>IX_DMA3172</p> <p>Breaker motor MA3172/MV52</p> <p>E119.7 1752.7</p>						

(=) Function aspect
=IO102 I/O system MCC11
(+) Location aspect
+MCC11 Motor control cabinet

0	1	2	3	4	5	6	7	8	9
<p>+MCC11.6 =IO102-KF3021 6ES7131-4BF00-0AA0 DI8 x DC 24V</p> <p>IX DMA3170</p> <p>Breaker motor MA3170/MVS61</p> <p>E120.0 1800.7</p> <p>IX DMA3173</p> <p>5(DI1)</p> <p>Breaker motor MA3173/MCA61</p> <p>E120.1 1801.7</p> <p>IX DMA3174</p> <p>2(DI2)</p> <p>Breaker motor MA3174/MCE61</p> <p>E120.2 1802.7</p> <p>IX DMA3175</p> <p>6(DI3)</p> <p>Breaker motor MA3175/MCT61</p> <p>E120.3 1804.7</p> <p>IX DMA3176</p> <p>3(DI4)</p> <p>Breaker motor MA3176/MCD61</p> <p>E120.4 1806.7</p> <p>IX MOSCH6</p> <p>7(DI5)</p> <p>Safety relay fault</p> <p>E120.5 871.2</p> <p>IX SB63</p> <p>4(DI6)</p> <p>Safety lower door</p> <p>E120.6 1827.6</p> <p>IX SB66</p> <p>8(DI7)</p> <p>Safety life line</p> <p>E120.7 1827.8</p>	<p>+MCC11.6 =IO102-KF3022 6ES7131-4BF00-0AA0 DI8 x DC 24V</p> <p>IX AUB61</p> <p>Emergency stop</p> <p>E121.0 1827.2</p> <p>IX B61</p> <p>5(DI1)</p> <p>Push button start MA3173/MCA61</p> <p>E121.1 1827.4</p> <p>IX_C61</p> <p>2(DI2)</p> <p>Fibers level control</p> <p>E121.2 1828.4</p> <p>IX_POW1_FC0610</p> <p>6(DI3)</p> <p>Breaker safety MA3170/MA3173</p> <p>E121.3 250.7</p> <p>IX_DMA3177</p> <p>3(DI4)</p> <p>Breaker motor MA3177/MTC06</p> <p>E121.4 1850.7</p> <p>IX DMA3178</p> <p>7(DI5)</p> <p>Breaker motor MA3178/MPC06</p> <p>E121.5 1852.7</p> <p>IX DMA3179</p> <p>4(DI6)</p> <p>Breaker motor MA3179/MVT05</p> <p>E121.6 1900.7</p> <p>IX_217</p> <p>8(DI7)</p> <p>Reserve (Cylinder temperature)</p> <p>E121.7</p>	<p>+MCC11.6 =IO102-KF3023 6ES7131-4BF00-0AA0 DI8 x DC 24V</p> <p>IX_CADROH6</p> <p>Cylinder rotation fault</p> <p>E122.0 1882.5</p> <p>IX MOVNVT05</p> <p>5(DI1)</p> <p>Blower rotation fault</p> <p>E122.1 1902.6</p> <p>IX MOSOH6</p> <p>2(DI2)</p> <p>Safety relay fault</p> <p>E122.2 873.2</p> <p>IX S061</p> <p>6(DI3)</p> <p>Left side opener safety door</p> <p>E122.3 1877.2</p> <p>IX S062</p> <p>3(DI4)</p> <p>Right side opener safety door</p> <p>E122.4 1877.4</p> <p>IX SO5</p> <p>7(DI5)</p> <p>Blower safety door</p> <p>E122.5 1925.4</p> <p>IX IM06</p> <p>4(DI6)</p> <p>Over-tickness limit switch</p> <p>E122.6 1878.2</p> <p>IX B06</p> <p>8(DI7)</p> <p>Push button reverse MA3177/MTC06</p> <p>E122.7 1877.8</p>	<p>+MCC11.6 =IO102-KF3024 6ES7131-4BF00-0AA0 DI8 x DC 24V</p> <p>IX_C62</p> <p>Fibers level control</p> <p>E123.0 1878.6</p> <p>IX AU06</p> <p>5(DI1)</p> <p>Emergency stop</p> <p>E123.1 1878.4</p> <p>IX 232</p> <p>2(DI2)</p> <p>Reserve</p> <p>E123.2</p> <p>IX 233</p> <p>6(DI3)</p> <p>Reserve</p> <p>E123.3</p> <p>IX_DMA3181</p> <p>3(DI4)</p> <p>Breaker motor MA3181/MTC6</p> <p>E123.4 1950.7</p> <p>IX DMA3182</p> <p>7(DI5)</p> <p>Breaker motor MA3182/MPC6</p> <p>E123.5 1952.7</p> <p>IX_DMA3183</p> <p>4(DI6)</p> <p>Breaker motor MA3183/MVT06</p> <p>E123.6 2000.7</p> <p>IX_237</p> <p>8(DI7)</p> <p>Reserve (Cylinder temperature)</p> <p>E123.7</p>						

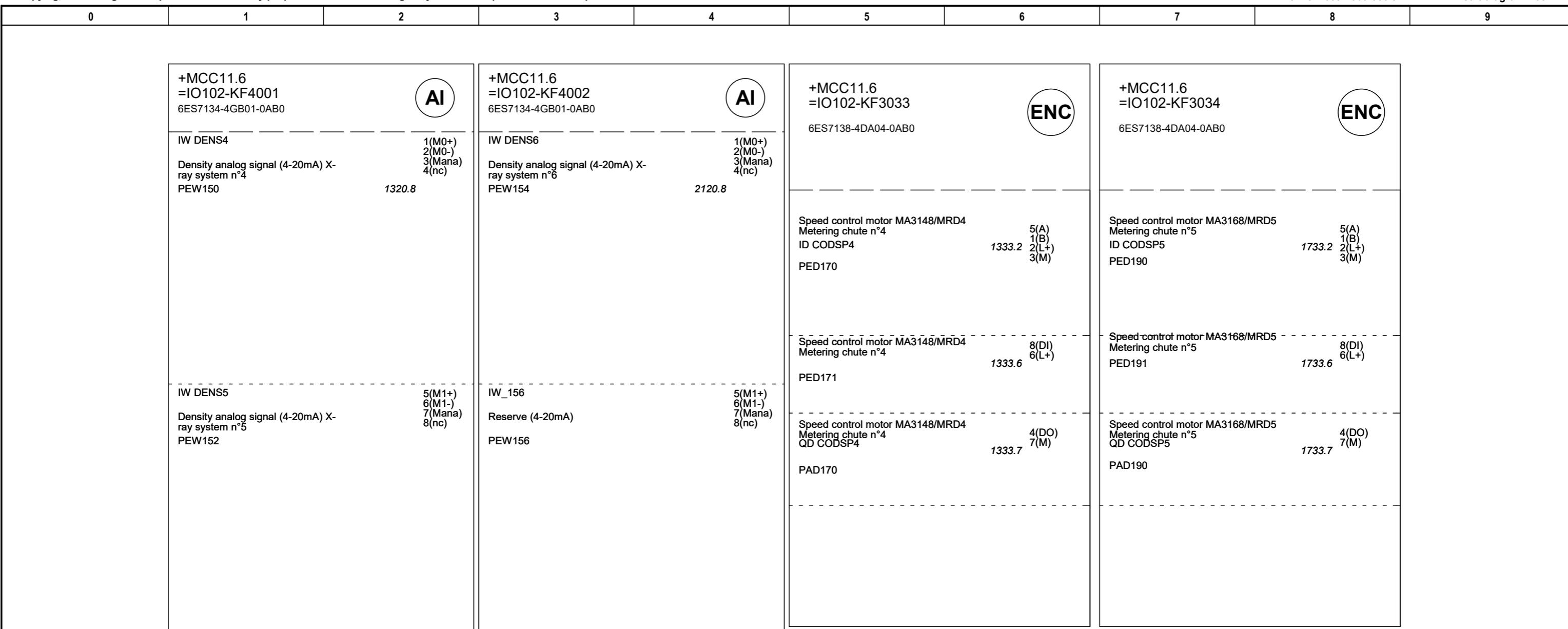
(=) Function aspect
=IO102 I/O system MCC11
(+) Location aspect
+MCC11 Motor control cabinet

0	1	2	3	4	5	6	7	8	9
<p>+MCC11.6 =IO102-KF3025 6ES7131-4BF00-0AA0 DI8 x DC 24V</p> <p>IX_CADROV6</p> <p>Cylinder rotation fault</p> <p>E124.0 1980.5</p> <p>IX_MOVNVT06</p> <p>Blower rotation fault</p> <p>E124.1 2002.6</p> <p>IX_MOSOV6</p> <p>Safety relay fault</p> <p>E124.2 875.2</p> <p>IX_S64</p> <p>Back side opener safety door</p> <p>E124.3 1984.8</p> <p>IX_S63G</p> <p>Left side opener safety door</p> <p>E124.4 1985.2</p> <p>IX_S63D</p> <p>Right side opener safety door</p> <p>E124.5 1985.4</p> <p>IX_S06</p> <p>Blower safety door</p> <p>E124.6 2025.4</p> <p>IX_AU61</p> <p>Emergency stop</p> <p>E124.7 1984.4</p>	 <p>1(DI0)</p>	<p>+MCC11.6 =IO102-KF3026 6ES7131-4BF00-0AA0 DI8 x DC 24V</p> <p>IX_SB61G</p> <p>Left side chute safety door</p> <p>E125.0 1985.6</p> <p>IX_SB61D</p> <p>Right side chute safety door</p> <p>E125.1 1985.8</p> <p>IX_IM6G</p> <p>Left over-tickness limit switch</p> <p>E125.2 1986.2</p> <p>IX_IM6D</p> <p>Right over-tickness limit switch</p> <p>E125.3 1986.4</p> <p>IX_C63</p> <p>Upper fibers level control</p> <p>E125.4 1987.5</p> <p>IX_C64</p> <p>Lower fibers level control</p> <p>E125.5 1987.7</p> <p>X_B6</p> <p>Push button reverse MA3181/MTC6</p> <p>E125.6 1984.6</p> <p>IX_POW1_FC0640</p> <p>Breaker safety MA3184/MA3185</p> <p>E125.7 250.8</p>	 <p>1(DI0)</p>	<p>+MCC11.6 =IO102-KF3027 6ES7131-4BF00-0AA0 DI8 x DC 24V</p> <p>IX_DMA3184</p> <p>Breaker motor MA3184/MCP6</p> <p>E126.0 2050.7</p> <p>IX_DMA3185</p> <p>Breaker motor MA3185/MCR6</p> <p>E126.1 2051.7</p> <p>IX_DMA3186</p> <p>Breaker motor MA3186/MCV6</p> <p>E126.2 2052.7</p> <p>IX_MOSCO6</p> <p>Safety relay fault</p> <p>E126.3 877.2</p> <p>IX_SBA6</p> <p>Safety back door</p> <p>E126.4 2075.4</p> <p>IX_SBI6</p> <p>Safety lower door</p> <p>E126.5 2075.6</p> <p>IX_SBS6</p> <p>Safety upper door</p> <p>E126.6 2075.2</p> <p>IX_AUC6</p> <p>Emergency stop</p> <p>E126.7 2075.8</p>	 <p>1(DI0)</p>	<p>+MCC11.6 =IO102-KF3028 6ES7131-4BF00-0AA0 DI8 x DC 24V</p> <p>IX_SB62G</p> <p>Left side chute safety door</p> <p>E127.0 2130.6</p> <p>IX_SB62D</p> <p>Right side chute safety door</p> <p>E127.1 2130.8</p> <p>IX_C65</p> <p>Upper fibers level control</p> <p>E127.2 2131.7</p> <p>IX_C66</p> <p>Lower fibers level control</p> <p>E127.3 2131.8</p> <p>IX_DMA3187</p> <p>Breaker motor MA3187/MPV6</p> <p>E127.4 2100.7</p> <p>IX_DMA3188</p> <p>Breaker motor MA3188/MRD6</p> <p>E127.5 2102.7</p> <p>IX_DMA3189</p> <p>Breaker motor MA3189/MRO6</p> <p>E127.6 2104.7</p> <p>IX_CADRC6</p> <p>Rotation cylinder fault</p> <p>E127.7 2128.5</p>	 <p>1(DI0)</p>		

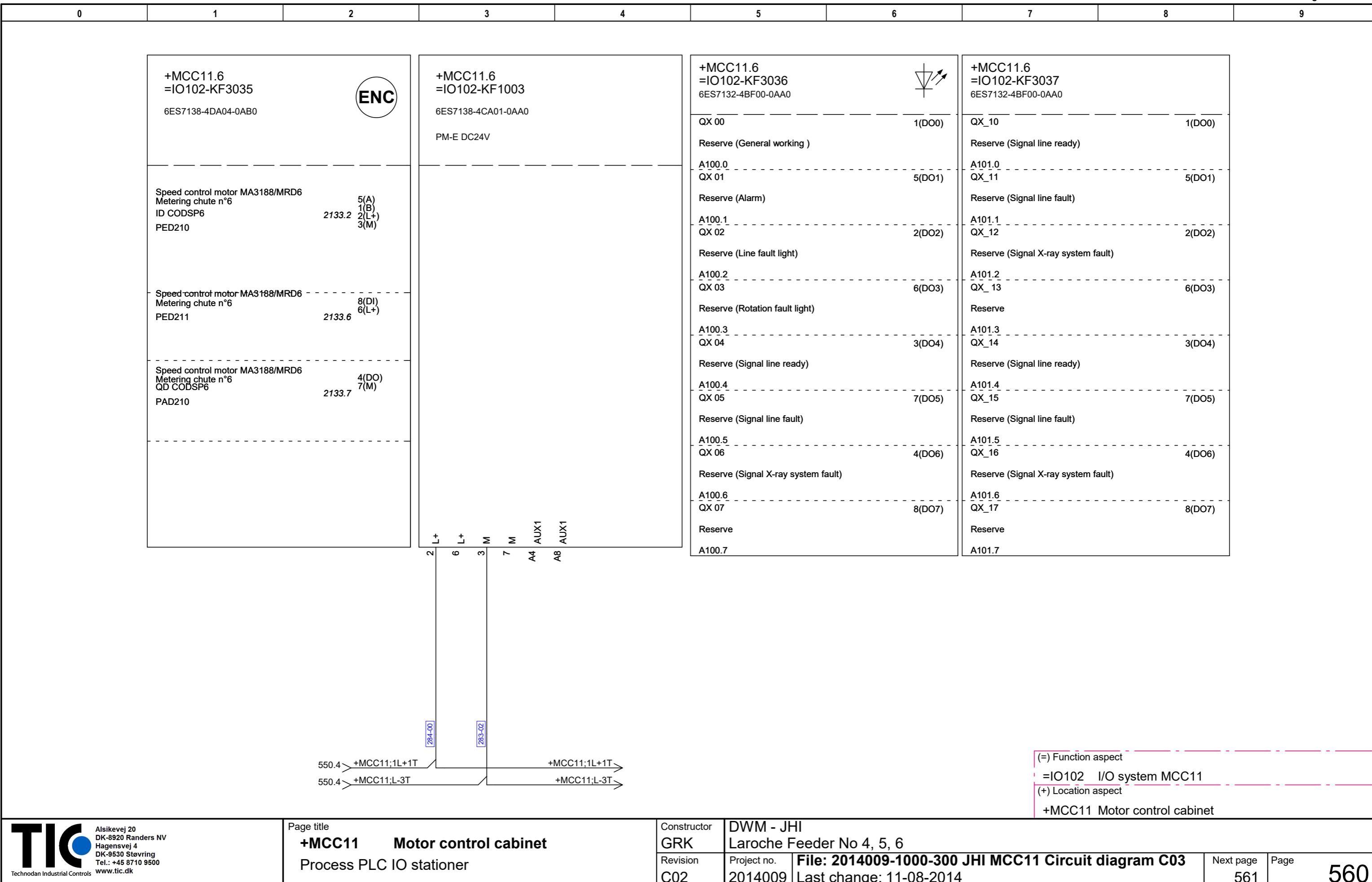
(=) Function aspect
=IO102 I/O system MCC11
(+) Location aspect
+MCC11 Motor control cabinet

0	1	2	3	4	5	6	7	8	9
+MCC11.6 =IO102-KF3029 6ES7131-4BF00-0AA0 DI8 x DC 24V	IX MOSCD6	1(DI0)	+MCC11.6 =IO102-KF3030 6ES7131-4BF00-0AA0 DI8 x DC 24V	IX_DC01_FC1001_Flt	1(DI0)	+MCC11.6 =IO102-KF3031 6ES7131-4BF00-0AA0 DI8 x DC 24V	IX_AC02_FC1001_Flt	1(DI0)	+MCC11.6 =IO102-KF3032 6ES7131-4BF00-0AA0 DI8 x DC 24V
Safety relay fault	E128.0 IX S65	879.2 5(DI1)	Powersupply 24VDC MCCB aux	E129.0 IX DC01_FC1002_Flt	282.1 5(DI1)	Transformer 24VAC Control power	E130.0 IX AC_FC1002_Flt	352.2 5(DI1)	IX 310
Safety door	E128.1 IX AU62	2130.2 2(DI2)	Powersupply 24VDC MCCB aux	E129.1 IX DC01_TA4001_Flt	282.2 2(DI2)	24VAC Control power 1	E130.1 IX AC_FC1003_Flt	352.3 2(DI2)	Reserve
Emergency stop	E128.2	2130.4	Redundancy module Redundancy	E129.2	282.4	24VAC Control power 2	E130.2	352.4	E131.0 IX 311
	IX 283	6(DI3)	Electronic fuse mo dul Electronic fus	IX DC01_FC1003_Flt	6(DI3)	24VAC Control power 3	IX AC_FC1004_Flt	6(DI3)	5(DI1)
Reserve	E128.3 IX_K6	3(DI4)	E129.3 IX AC01_FC1001_Flt	282.3 3(DI4)	E130.3 IX DC01_1L+_Flt	352.5 3(DI4)	E131.1 IX 312	2(DI2)	Reserve
X-ray system ready	E128.4 IX RX6	2120.3 7(DI5)	Transformer 115VAC MCCB aux	E129.4 IX AUX01_FC1001_Flt	300.6 7(DI5)	Powersupply 24VDC 24VDC 1L+	E130.4 IX DC01_2L+_Flt	284.3 7(DI5)	E131.2 IX 313
X-ray system on	E128.5 IX DMA3191	4(DI6)	Panel ventilation CB aux switch	E129.5 IX AUX01_FC1002_Flt	400.7 4(DI6)	Powersupply 24VDC 24VDC 2L+	E130.5 IX DC01_3L+_Flt	284.7 4(DI6)	6(DI3)
Breaker motor MA3191/MV61	E128.6 IX DMA3192	2150.7 8(DI7)	Panel light CB aux switch	E129.6 IX AUX01_FC1003_Flt	401.7 8(DI7)	Powersupply 24VDC 24VDC 3L+	E130.6 IX DC01_4L+_Flt	285.3 8(DI7)	E131.3 IX 314
Breaker motor MA3192/MV62	E128.7	2152.7	Panel socket outlet CB aux switch	E129.7	402.7	Powersupply 24VDC 24VDC 4L+	E130.7	285.7	3(DI4)
									E131.4 IX 315
									7(DI5)
									E131.5 IX 316
									4(DI6)
									E131.6 IX 317
									8(DI7)
									E131.7

(=) Function aspect
=IO102 I/O system MCC11
(+) Location aspect
+MCC11 Motor control cabinet



(=) Function aspect
 =IO102 I/O system MCC11
 (+) Location aspect
 +MCC11 Motor control cabinet

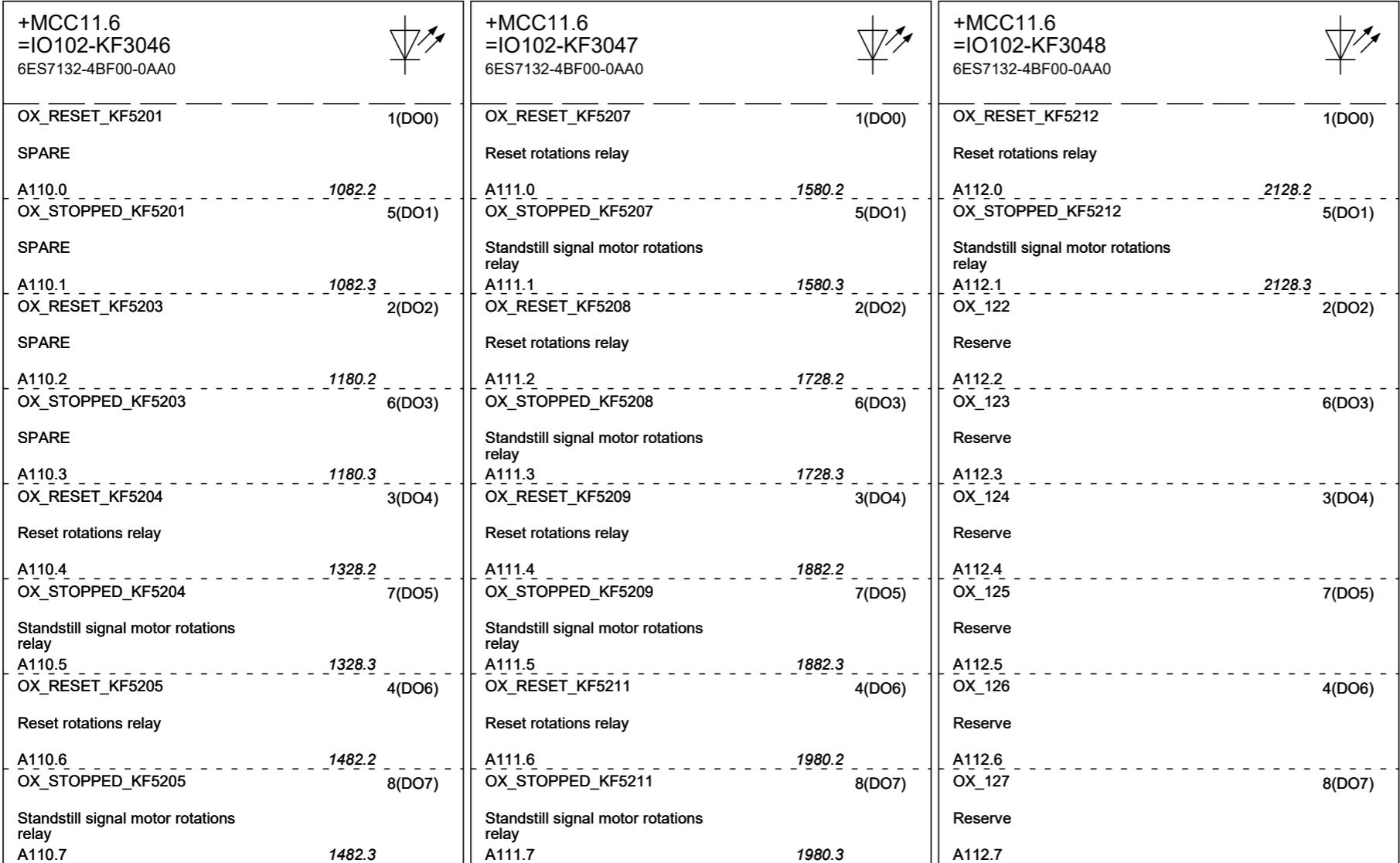


0	1	2	3	4	5	6	7	8	9
+MCC11.6 =IO102-KF3038 6ES7132-4BF00-0AA0			+MCC11.6 =IO102-KF3039 6ES7132-4BF00-0AA0		+MCC11.6 =IO102-KF3040 6ES7132-4BF00-0AA0		+MCC11.6 =IO102-KF3041 6ES7132-4BF00-0AA0		
QX_KMA3130	1(DO0)		QX_SEAOV4	1(DO0)	QX_KMA3150	1(DO0)	QX_SEAOV5	1(DO0)	
Start motor MA3130/MVS41			SPARE		Start motor MA3150/MVS51		Safety unlocking coil opener		
A102.0	1000.5		A103.0	1183.2	A104.0	1400.5	A105.0	1583.2	
QX_KMA3131	5(DO1)		QX_SEAO2	5(DO1)	QX_KMA3153	5(DO1)	QX_SEAO4	5(DO1)	
Start motor MA3131/MCA41			SPARE		Start motor MA3153/MCA51		Safety unlocking coil blower		
A102.1	1001.5		A103.1	1226.4	A104.1	1401.5	A105.1	1626.4	
QX_22	2(DO2)		QX_KMA3144	2(DO2)	QX_42	2(DO2)	QX_KMA3164	2(DO2)	
Reserve (MA3136/MPC4)			SPARE		Reserve (MA3158/MPC5)		Start motor MA3164/MCP5		
A102.2			A103.2	1250.5	A104.2		A105.2	1650.5	
QX_FPO4	6(DO3)		QX_KMA3145	6(DO3)	QX_FP05	6(DO3)	QX_KMA3165	6(DO3)	
SPARE			SPARE		Brake coil		Start motor MA3165/MCR5		
A102.3	1079.4		A103.3	1251.5	A104.3	1479.4	A105.3	1651.5	
QX_SEAOH4	3(DO4)		QX_CMA3149	3(DO4)	QX_SEAOH5	3(DO4)	QX_CMA3169	3(DO4)	
SPARE			Start motor MA3149/MRO4		Safety unlocking coil opener		Start motor MA3169/MRO5		
A102.4	1079.2		A103.4	1304.5	A104.4	1479.2	A105.4	1704.5	
QX_SEAO1	7(DO5)		QX_SEA45	7(DO5)	QX_SEAO3	7(DO5)	QX_SEA55	7(DO5)	
SPARE			Safety unlocking coil		Safety unlocking coil blower		Safety unlocking coil		
A102.5	1126.4		A103.5	1329.4	A104.5	1526.4	A105.5	1729.4	
QX_26	4(DO6)		QX_SRX4	4(DO6)	QX_46	4(DO6)	QX_SRX5	4(DO6)	
Reserve (MA3142/MPC4)			X-ray system on		Reserve (MA3162/MPC5)		X-ray system on		
A102.6			A103.6	1320.6	A104.6		A105.6	1720.6	
QX_FPO4	8(DO7)		QX_37	8(DO7)	QX_FP5	8(DO7)	QX_57	8(DO7)	
SPARE			Reserve		Brake coil		Reserve		
A102.7	1183.4		A103.7		A104.7	1583.4	A105.7		

(=) Function aspect
=IO102 I/O system MCC11
(+ Location aspect
+MCC11 Motor control cabinet

0	1	2	3	4	5	6	7	8	9
+MCC11.6 =IO102-KF3042 6ES7132-4BF00-0AA0			+MCC11.6 =IO102-KF3043 6ES7132-4BF00-0AA0		+MCC11.6 =IO102-KF3044 6ES7132-4BF00-0AA0		+MCC11.6 =IO102-KF3045 6ES7132-4BF00-0AA0		
QX_KMA3170	1(DO0)		QX_SEAOV6	1(DO0)	QX_RESET_SG41	1(DO0)	QX_RESET_SG54	1(DO0)	
Start motor MA3170/MVS61			Safety unlocking coil opener		Reset n°4 Hopper feeder		Reset n°5 Condensor		
A106.0 QX_KMA3173	1800.5 5(DO1)		A107.0 QX_SEA06	1983.2 5(DO1)	A108.0 QX_RESET_SG42	851.4 5(DO1)	A109.0 QX_RESET_SG55	867.4 5(DO1)	
Start motor MA3173/MCA61			Safety unlocking coil blower		Reset n°4 Horizontal opener, blower		Reset n°5 Metering feeder		
A106.1 QX_62	1801.5 2(DO2)		A107.1 QX_KMA3184	2026.4 2(DO2)	A108.1 QX_RESET_SG43	853.4 2(DO2)	A109.1 QX_RESET_SG61	869.4 2(DO2)	
Reserve (MA3178/MPC6)			Start motor MA3184/MCP6		Reset n°4 Vertical opener, blower		Reset n°6 Hopper feeder		
A106.2 QX_FPO6	1879.4 6(DO3)		A107.2 QX_KMA3185	2050.5 6(DO3)	A108.2 QX_RESET_SG44	855.4 6(DO3)	A109.2 QX_RESET_SG62	871.4 6(DO3)	
Brake coil			Start motor MA3185/MCR6		Reset n°4 Condensor		Reset n°6 Horizontal opener, blower		
A106.3 QX_SEAOH6	1879.4 3(DO4)		A107.3 QX_CMA3189	2051.5 3(DO4)	A108.3 QX_RESET_SG45	857.4 3(DO4)	A109.3 QX_RESET_SG63	873.4 3(DO4)	
Safety unlocking coil opener			Start motor MA3189/MRO6		Reset n°4 Metering feeder		Reset n°6 Vertical opener, blower		
A106.4 QX_SEA05	1879.2 7(DO5)		A107.4 QX_SEA65	2104.5 7(DO5)	A108.4 QX_RESET_SG51	859.4 7(DO5)	A109.4 QX_RESET_SG64	875.4 7(DO5)	
Safety unlocking coil blower			Safety unlocking coil		Reset n°5 Hopper feeder		Reset n°6 Condensor		
A106.5 QX_66	1926.4 4(DO6)		A107.5 QX_SRX6	2129.4 4(DO6)	A108.5 QX_RESET_SG52	861.4 4(DO6)	A109.5 QX_RESET_SG65	877.4 4(DO6)	
Reserve (MA3182/MPC5)			X-ray system on		Reset n°5 Horizontal opener, blower		Reset n°6 Metering feeder		
A106.6 QX_FPO6	8(DO7)		A107.6 QX_77	2120.6 8(DO7)	A108.6 QX_RESET_SG53	863.4 8(DO7)	A109.6 QX_Reserve	879.4 8(DO7)	
Brake coil			Reserve		Reset n°5 Vertical opener, blower		Reserve		
A106.7	1983.4		A107.7		A108.7	865.4	A109.7		

(=) Function aspect
=I0102 I/O system MCC11
(+) Location aspect
+MCC11 Motor control cabinet

0	1	2	3	4	5	6	7	8	9
 <p>+MCC11.6 =IO102-KF3046 6ES7132-4BF00-0AA0</p> <p>OX_RESET_KF5201 1(DO0) SPARE</p> <p>A110.0 1082.2 OX_STOPPED_KF5201 5(DO1)</p> <p>SPARE</p> <p>A110.1 1082.3 OX_RESET_KF5203 2(DO2)</p> <p>SPARE</p> <p>A110.2 1180.2 OX_STOPPED_KF5203 6(DO3)</p> <p>SPARE</p> <p>A110.3 1180.3 OX_RESET_KF5204 3(DO4)</p> <p>Reset rotations relay</p> <p>A110.4 1328.2 OX_STOPPED_KF5204 7(DO5)</p> <p>Standstill signal motor rotations relay</p> <p>A110.5 1328.3 OX_RESET_KF5205 4(DO6)</p> <p>Reset rotations relay</p> <p>A110.6 1482.2 OX_STOPPED_KF5205 8(DO7)</p> <p>Standstill signal motor rotations relay</p> <p>A110.7 1482.3</p> <p>+MCC11.6 =IO102-KF3047 6ES7132-4BF00-0AA0</p> <p>OX_RESET_KF5207 1(DO0) Reset rotations relay</p> <p>A111.0 1580.2 OX_STOPPED_KF5207 5(DO1)</p> <p>Standstill signal motor rotations relay</p> <p>A111.1 1580.3 OX_RESET_KF5208 2(DO2)</p> <p>Reset rotations relay</p> <p>A111.2 1728.2 OX_STOPPED_KF5208 6(DO3)</p> <p>Standstill signal motor rotations relay</p> <p>A111.3 1728.3 OX_RESET_KF5209 3(DO4)</p> <p>Reset rotations relay</p> <p>A111.4 1882.2 OX_STOPPED_KF5209 7(DO5)</p> <p>Standstill signal motor rotations relay</p> <p>A111.5 1882.3 OX_RESET_KF5211 4(DO6)</p> <p>Reset rotations relay</p> <p>A111.6 1980.2 OX_STOPPED_KF5211 8(DO7)</p> <p>Standstill signal motor rotations relay</p> <p>A111.7 1980.3</p> <p>+MCC11.6 =IO102-KF3048 6ES7132-4BF00-0AA0</p> <p>OX_RESET_KF5212 1(DO0) Reset rotations relay</p> <p>A112.0 2128.2 OX_STOPPED_KF5212 5(DO1)</p> <p>Standstill signal motor rotations relay</p> <p>A112.1 2128.3 OX_122 2(DO2)</p> <p>Reserve</p> <p>A112.2 OX_123 6(DO3)</p> <p>Reserve</p> <p>A112.3 OX_124 3(DO4)</p> <p>Reserve</p> <p>A112.4 OX_125 7(DO5)</p> <p>Reserve</p> <p>A112.5 OX_126 4(DO6)</p> <p>Reserve</p> <p>A112.6 OX_127 8(DO7)</p> <p>Reserve</p> <p>A112.7</p>									

(=) Function aspect
=IO102 I/O system MCC11
(+) Location aspect
+MCC11 Motor control cabinet

 Alsikevej 20 DK-8920 Randers NV Hagensvej 4 DK-9530 Støvring Tel.: +45 8710 9500 www.tic.dk	Page title +MCC11 Motor control cabinet Process PLC IO stationer	Constructor GRK	DWM - JHI Laroche Feeder No 4, 5, 6
		Revision C02	Project no. 2014009 File: 2014009-1000-300 JHI MCC11 Circuit diagram C03 Last change: 08-03-2021
			Next page 564 Page 563

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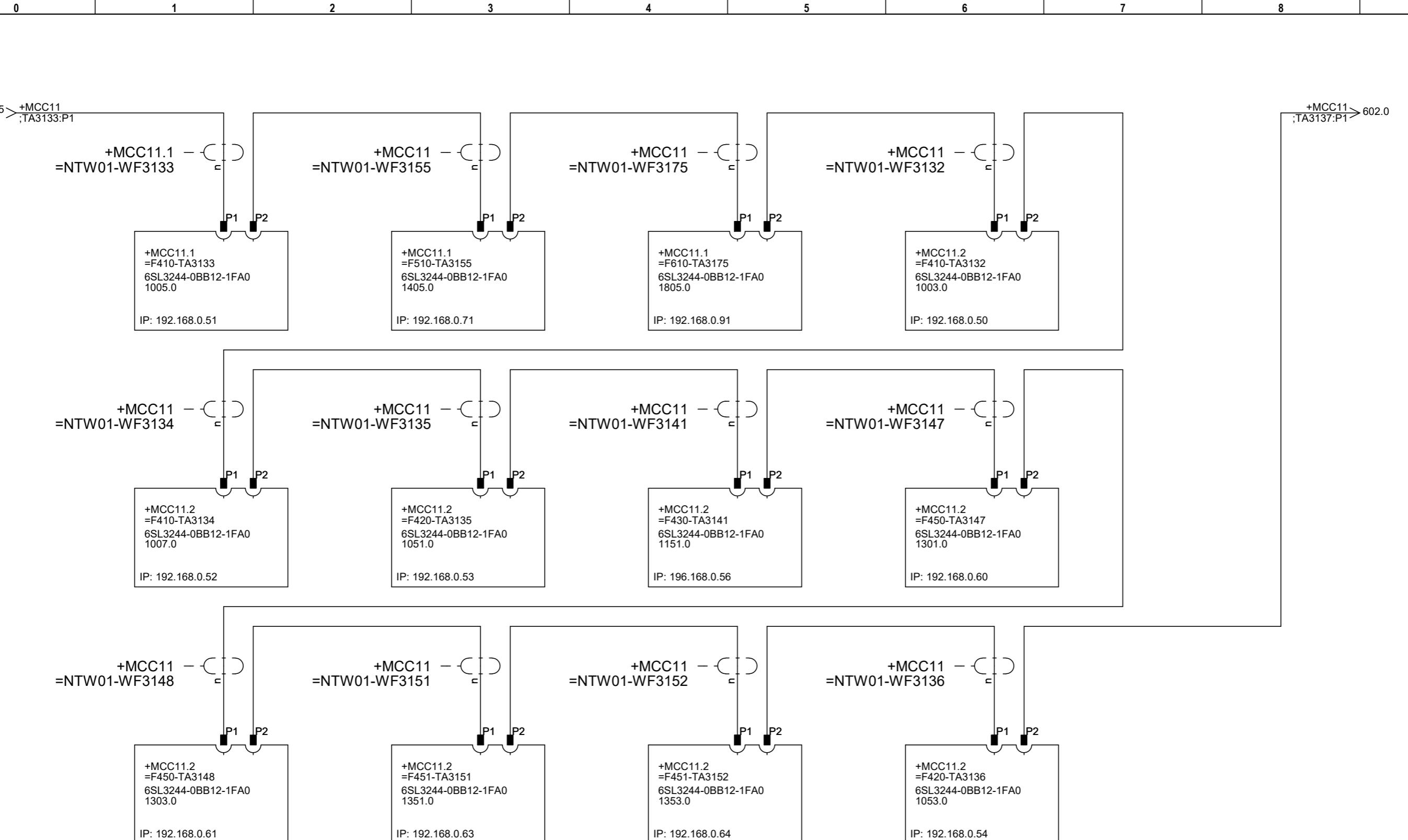
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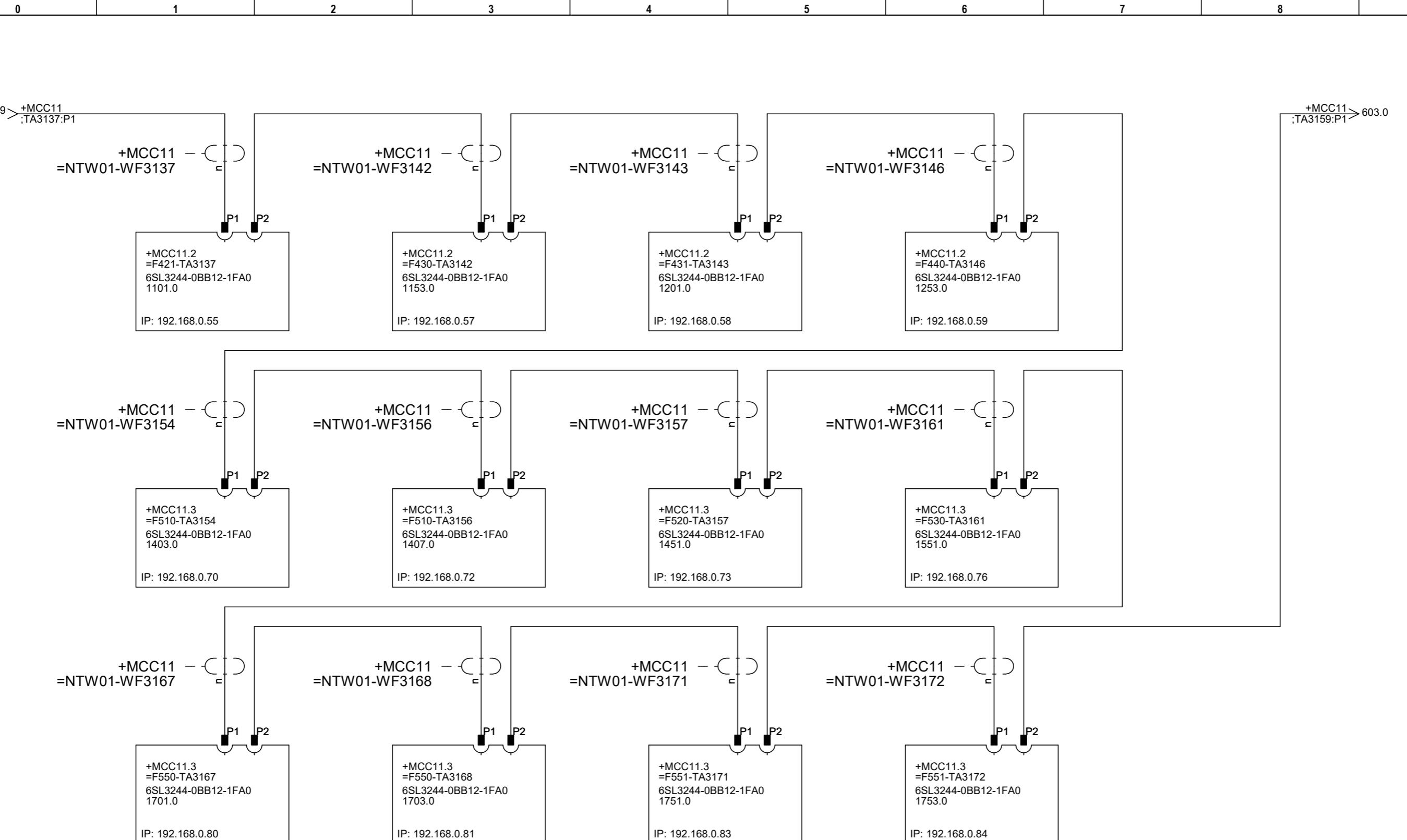


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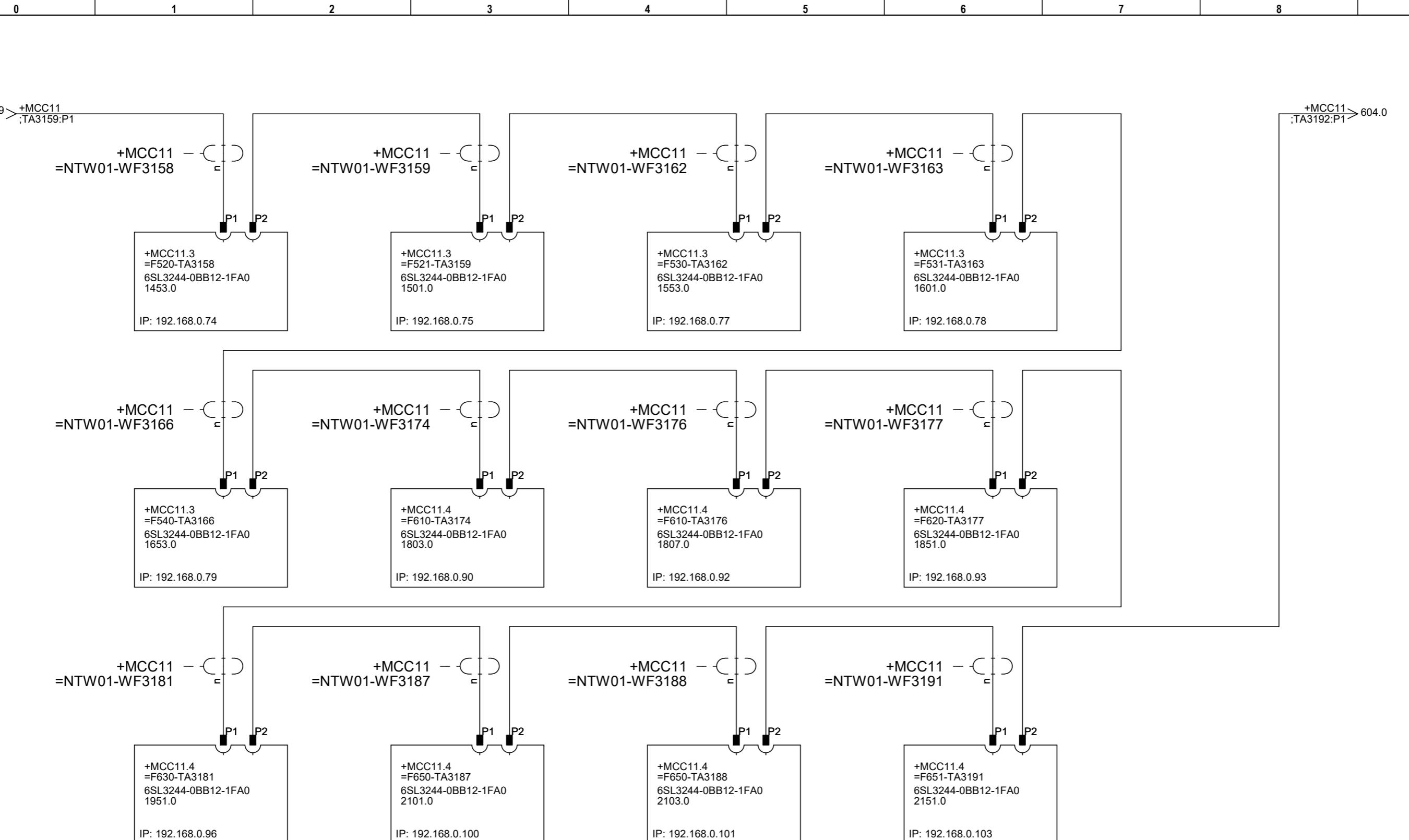
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DK-8920 Randers NV
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DK-9530 Støvring
Tel.: +45 8710 9500
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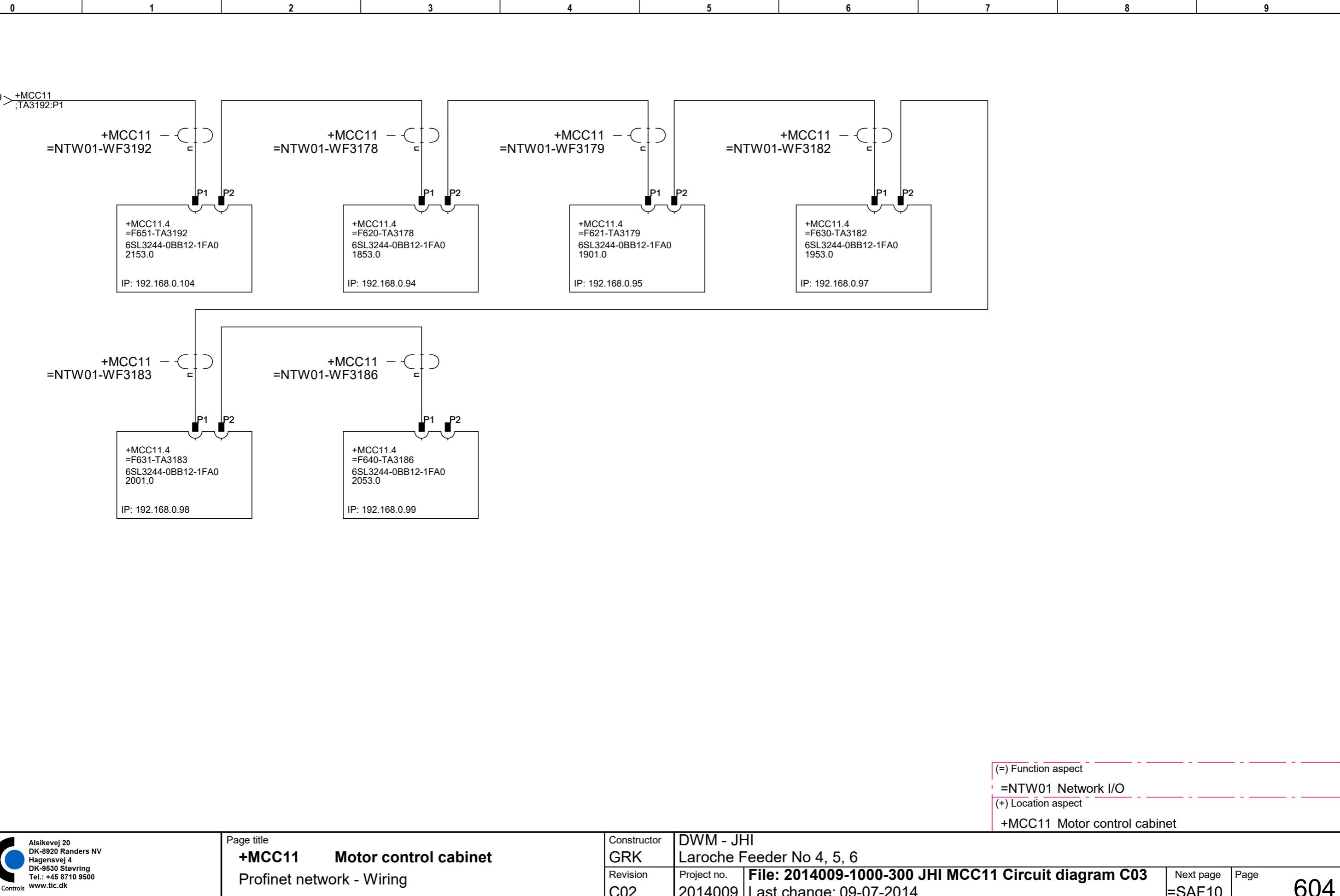
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 (+) Location aspect
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(=) Function aspect
 =NTW01 Network I/O
 (+) Location aspect
 +MCC11 Motor control cabinet



(=) Function aspect
 =NTW01 Network I/O
 (+) Location aspect
 +MCC11 Motor control cabinet



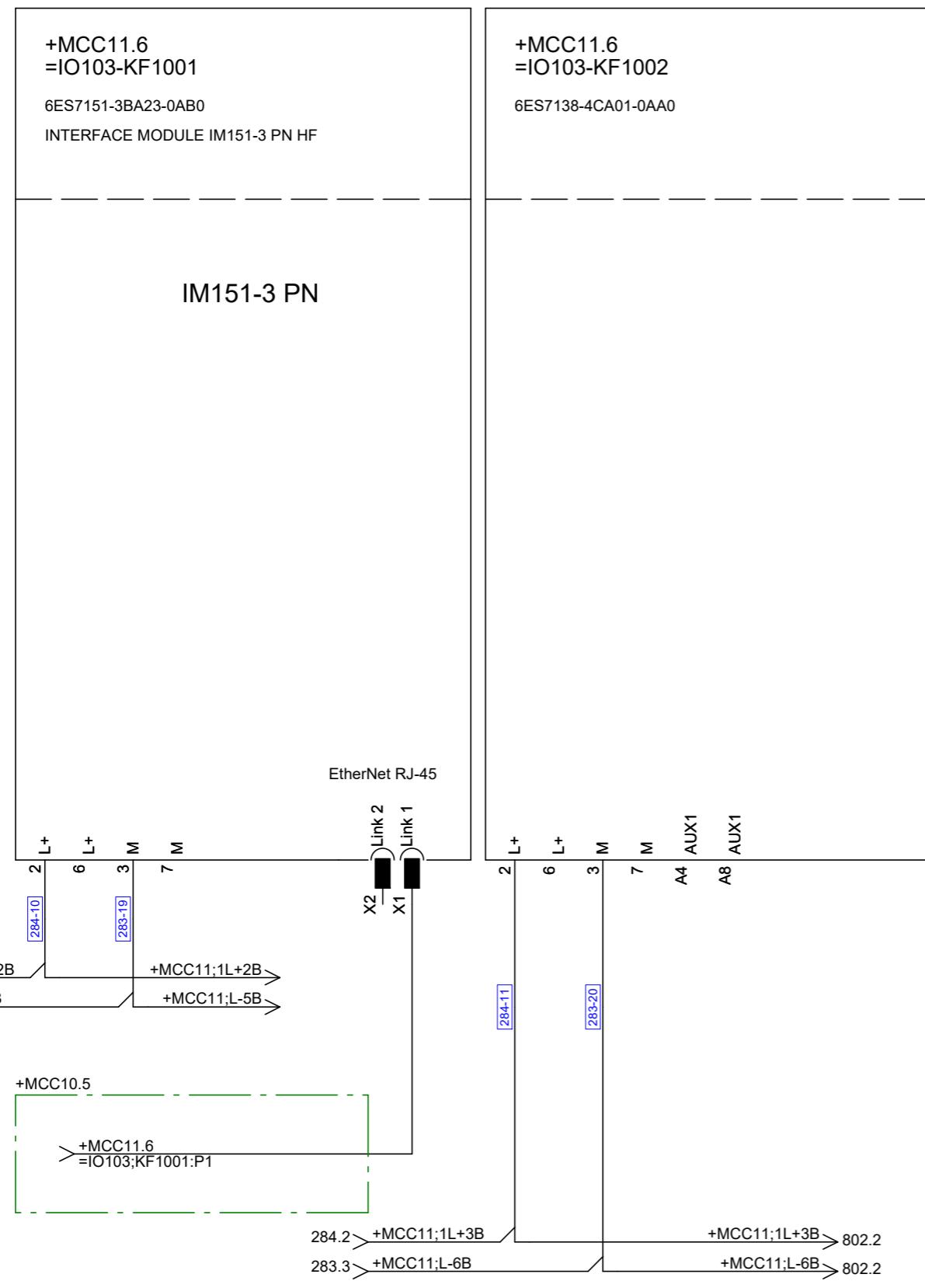
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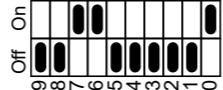
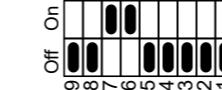
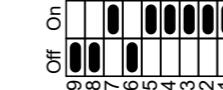
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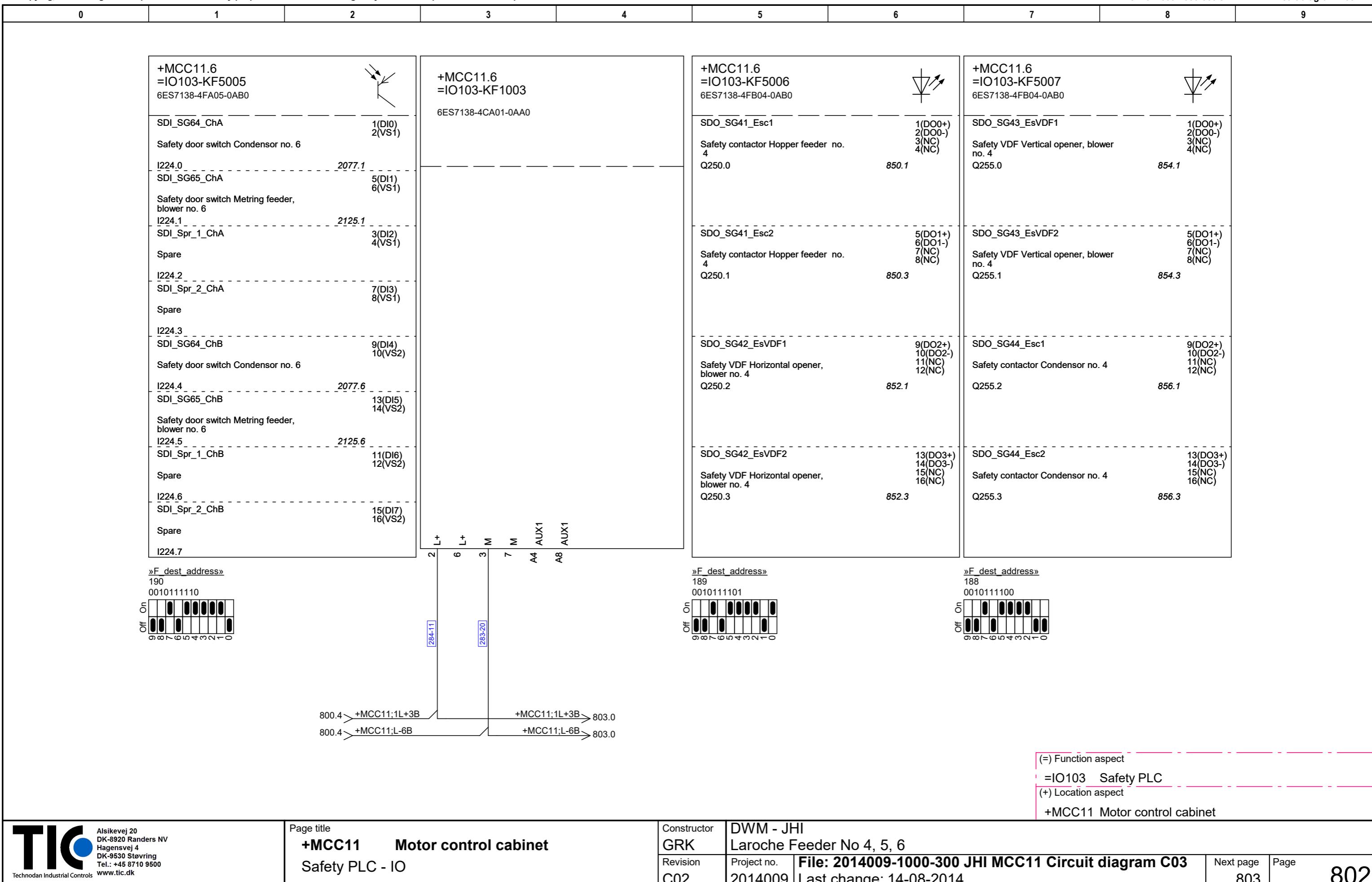
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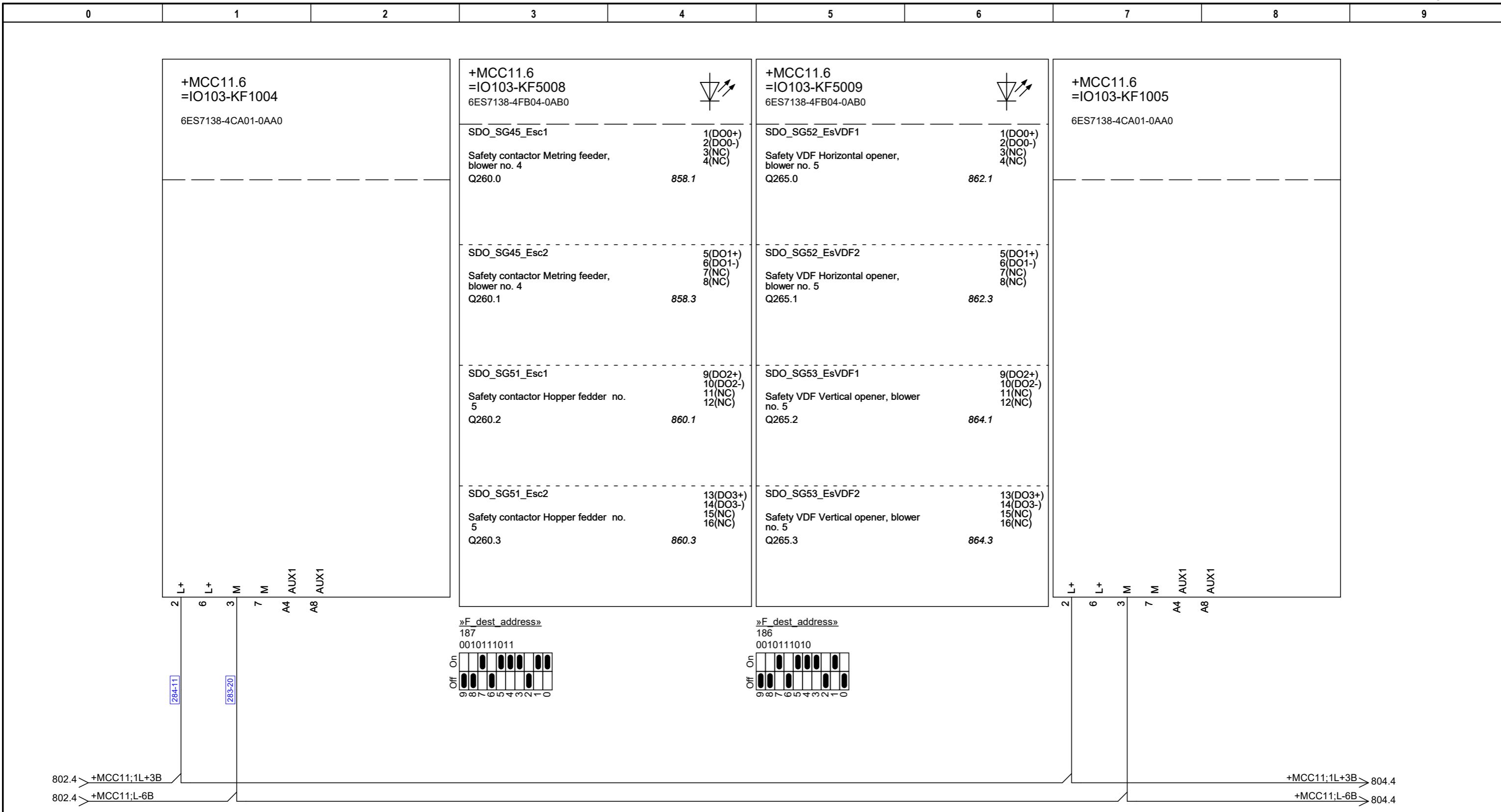
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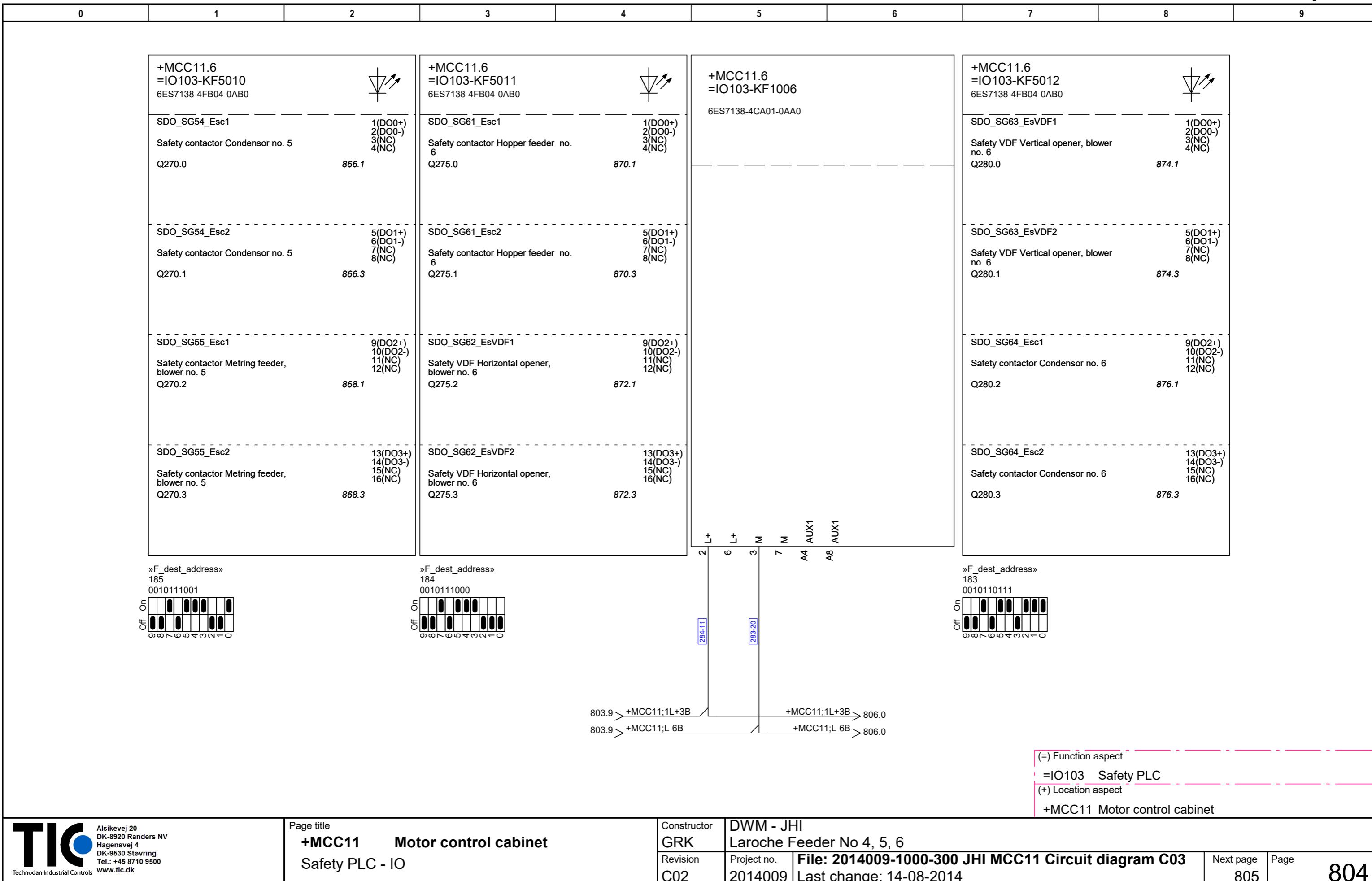
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 (+) Location aspect
 +MCC11 Motor control cabinet

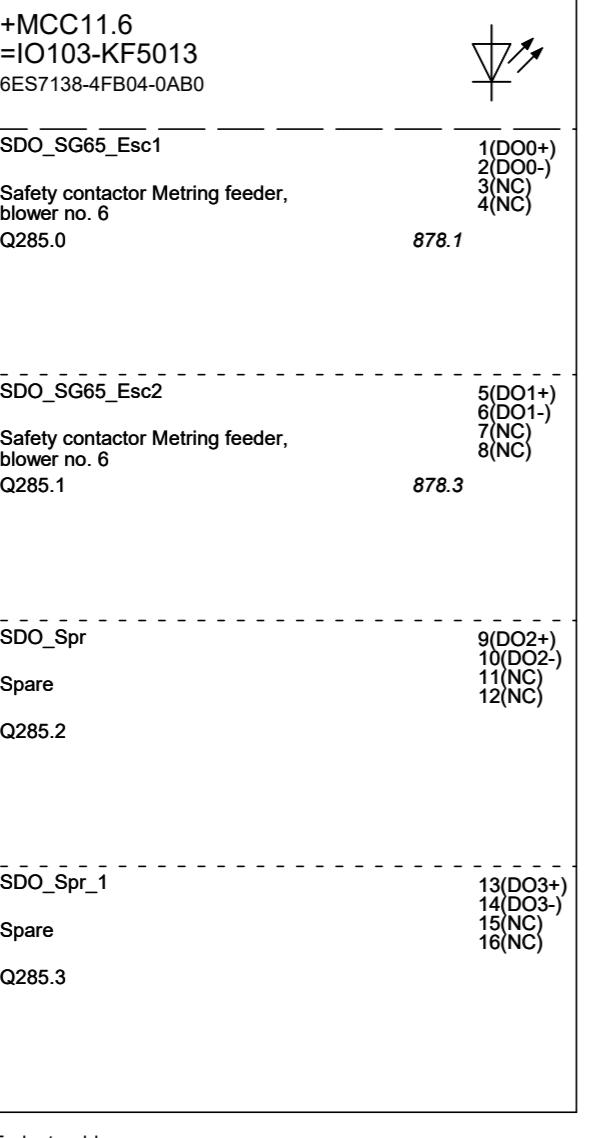
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SDI_ES321_4_ChA Emergency stop line 2, no. 4.	SDI_SG42_ChA SPARE	SDI_SG51_ChA Safety door switch Hopper feeder no. 5	SDI_SG55_ChA Safety door switch Metring feeder, blower no. 5						
I200.0 1025.5 SDI_ES321_5_ChA Emergency stop line 2, no. 5.	I206.0 1075.1 SDI_SG43_ChA SPARE	I212.0 1425.1 SDI_SG52_ChA Safety door switch Horizontal opener, blower no. 5	I218.0 1725.1 SDI_SG61_ChA Safety door switch Hopper feeder no. 6						
I200.1 1425.5 SDI_ES321_6_ChA Emergency stop line 2, no. 6.	I206.1 1175.1 SDI_SG44_ChA SPARE	I212.1 1475.1 SDI_SG53_ChA Safety door switch Vertical opener, blower no. 5	I218.1 1825.1 SDI_SG62_ChA Safety door switch Horizontal opener, blower no. 6						
I200.2 1825.5 SDI_SG41_ChA Safety door switch Hopper feeder no. 4	I206.2 1277.1 SDI_SG45_ChA Safety door switch Metring feeder, blower no. 4	I212.2 1575.1 SDI_SG54_ChA Safety door switch Condensor no. 5	I218.2 1875.1 SDI_SG63_ChA Safety door switch Vertical opener, blower no. 6						
I200.3 1025.1 SDI_ES321_4_ChB Emergency stop line 2, no. 4.	I206.3 1325.1 SDI_SG42_ChB SPARE	I212.3 1677.1 SDI_SG51_ChB Safety door switch Hopper feeder no. 5	I218.3 1975.1 SDI_SG55_ChB Safety door switch Metring feeder, blower no. 5						
I200.4 1025.7 SDI_ES321_5_ChB Emergency stop line 2, no. 5.	I206.4 1075.4 SDI_SG43_ChB SPARE	I212.4 1425.3 SDI_SG52_ChB Safety door switch Horizontal opener, blower no. 5	I218.4 1725.6 SDI_SG61_ChB Safety door switch Hopper feeder no. 6						
I200.5 1425.7 SDI_ES321_6_ChB Emergency stop line 2, no. 6.	I206.5 1176.6 SDI_SG44_ChB SPARE	I212.5 1475.4 SDI_SG53_ChB Safety door switch Vertical opener, blower no. 5	I218.5 1825.3 SDI_SG62_ChB Safety door switch Horizontal opener, blower no. 6						
I200.6 1825.7 SDI_SG41_ChB Safety door switch Hopper feeder no. 4	I206.6 1277.6 SDI_SG45_ChB Safety door switch Metring feeder, blower no. 4	I212.6 1576.6 SDI_SG54_ChB Safety door switch Condensor no. 5	I218.6 1875.4 SDI_SG63_ChB Safety door switch Vertical opener, blower no. 6						
I200.7 1025.3	I206.7 1325.6	I212.7 1677.6	I218.7 1976.6						
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<p>(=) Function aspect =IO103 Safety PLC (+) Location aspect +MCC11 Motor control cabinet</p>									
 Alsikevej 20 DK-8920 Randers NV Hagensvej 4 DK-9530 Støvring Tel.: +45 8710 9500 www.tic.dk	Page title +MCC11 Motor control cabinet Safety PLC - IO	Constructor GRK	DWM - JHI Laroche Feeder No 4, 5, 6						
		Revision C02	Project no. 2014009	File: 2014009-1000-300 JHI MCC11 Circuit diagram C03	Last change: 08-03-2021	Next page 802	Page 801		

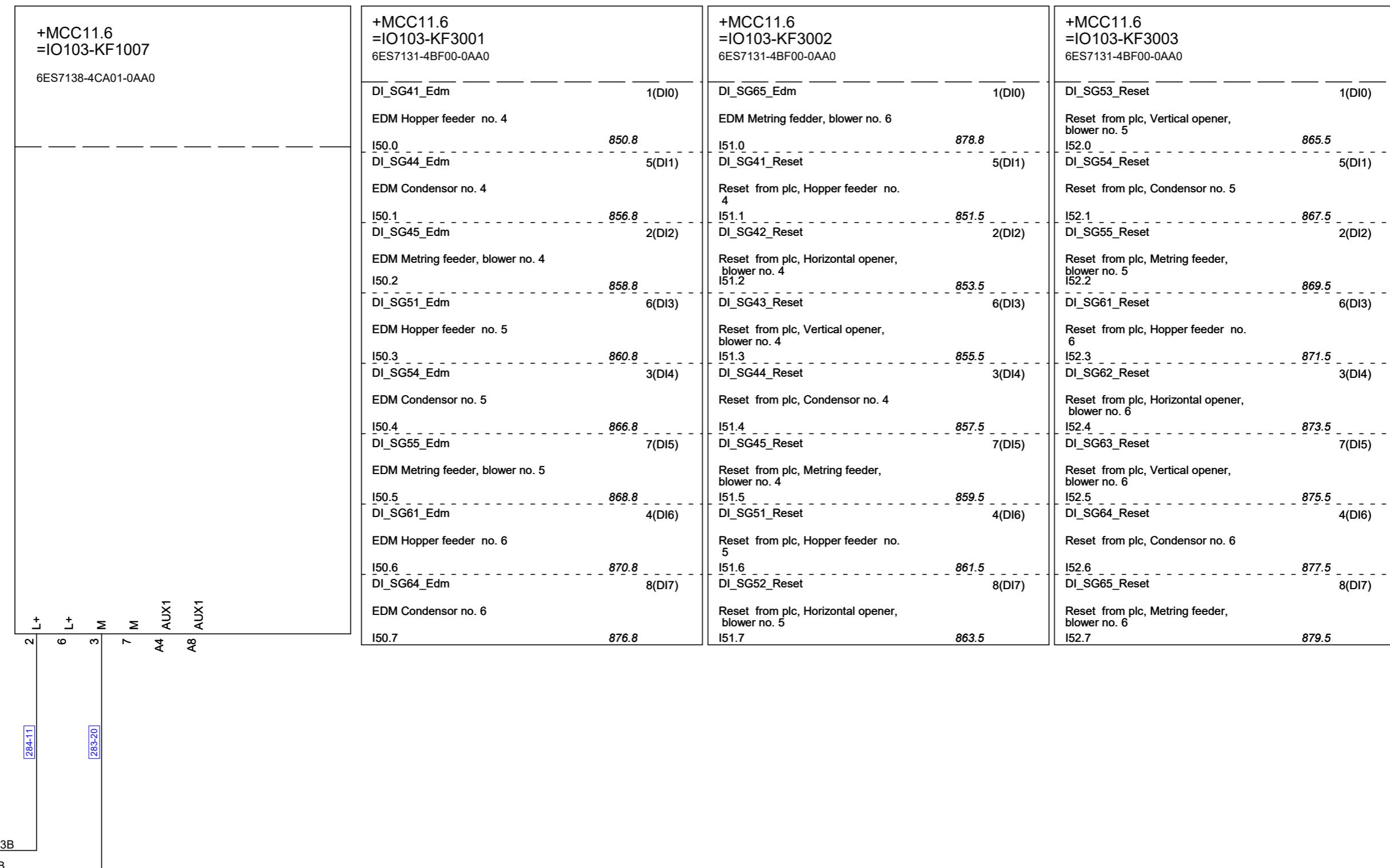




(=) Function aspect
=IO103 Safety PLC
(+) Location aspect
+MCC11 Motor control cabinet



0	1	2	3	4	5	6	7	8	9																																				
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On	[]	[]	[]	[]	[]	[]	[]																																						
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	9	8	7	6	5	4	3	2	1																																				
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 <p>Alsikevej 20 DK-8920 Randers NV Hagensvej 4 DK-9530 Stevring Tel.: +45 8710 9500 www.tic.dk</p>	<p>Page title +MCC11 Motor control cabinet Safety PLC - IO</p>	<p>Constructor GRK</p>	<p>DWM - JHI Laroche Feeder No 4, 5, 6</p>	<p>(=) Function aspect =IO103 Safety PLC (+) Location aspect +MCC11 Motor control cabinet</p>																																									
		Revision C02	Project no. 2014009	File: 2014009-1000-300 JHI MCC11 Circuit diagram C03 Last change: 14-08-2014																																									
				Next page 806	Page 805																																								



(=) Function aspect

=IO103 Safety PLC

(+) Location aspect

+MCC11 Motor control cabinet

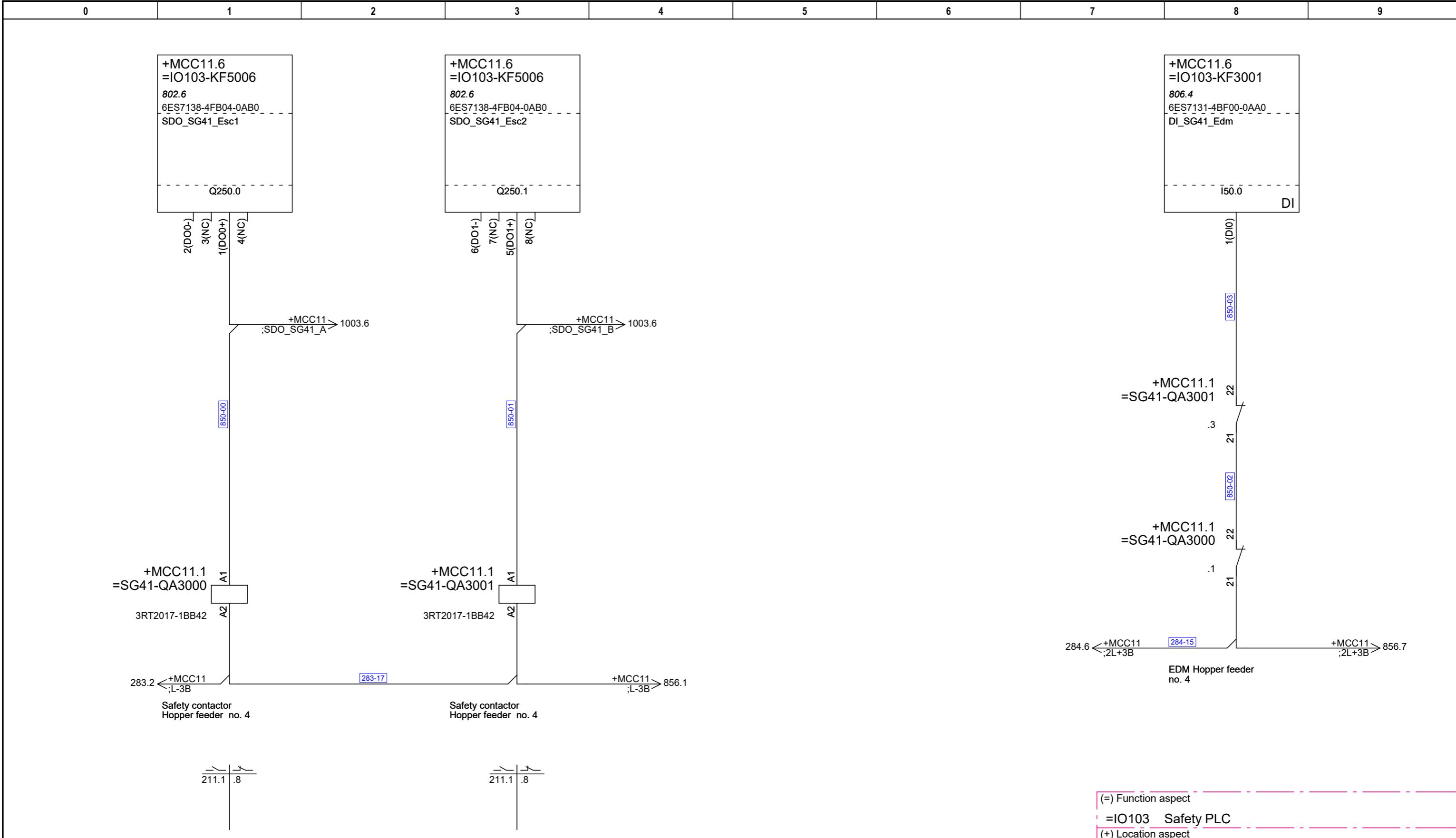
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DI_Spr Spare I53.0 DI_Spr_1 Spare I53.1 DI_Spr_2 Spare I53.2 DI_Spr_3 Spare I53.3 DI_Spr_4 Spare I53.4 DI_Spr_5 Spare I53.5 DI_Spr_6 Spare I53.6 DI_Spr_7 Spare I53.7	1(DI0) DO_SG41_Status Safety status to plc Hopper feeder no. 4 Q50.0 851.1 DO_SG42_Status Safety status to plc Horizontal opener, blower no. 4 Q50.1 853.1 DO_SG43_Status Safety status to plc Vertical opener, blower no. 4 Q50.2 855.1 DO_SG44_Status Safety status to plc Condensor no. 4 Q50.3 857.1 DO_SG45_Status Safety status to plc Metring feeder, blower no. 4 Q50.4 859.1 DO_SG51_Status Safety status to plc Hopper feeder no. 5 Q50.5 861.1 DO_SG52_Status Safety status to plc Horizontal opener, blower no. 5 Q50.6 863.1 DO_SG53_Status Safety status to plc Vertical opener, blower no. 5 Q50.7 865.1	1(DO0) DO_SG54_Status Safety status to plc Condensor no. 5 Q51.0 867.1 DO_SG55_Status Safety status to plc Metring feeder, blower no. 5 Q51.1 869.1 DO_SG61_Status Safety status to plc Hopper feeder no. 6 Q51.2 871.1 DO_SG62_Status Safety status to plc Horizontal opener, blower no. 6 Q51.3 873.1 DO_SG63_Status Safety status to plc Vertical opener, blower no. 6 Q51.4 875.1 DO_SG64_Status Safety status to plc Condensor no. 6 Q51.5 877.1 DO_SG65_Status Safety status to plc Metring feeder, blower no. 6 Q51.6 879.1 DO_Spr Spare Q51.7	1(DO0) DO_ES321_Status Safety status to plc EM-stop ES321 Q52.0 880.1 DO_ES320_Status Safety system error state Q52.1 880.4 DO_Spr_3 Spare Q52.2 6(DO3) DO_Spr_4 Spare Q52.3 3(DO4) DO_Spr_5 Spare Q52.4 7(DO5) DO_Spr_6 Spare Q52.5 4(DO6) DO_Spr_7 Spare Q52.6 8(DO7) DO_Spr_8 Spare Q52.7						

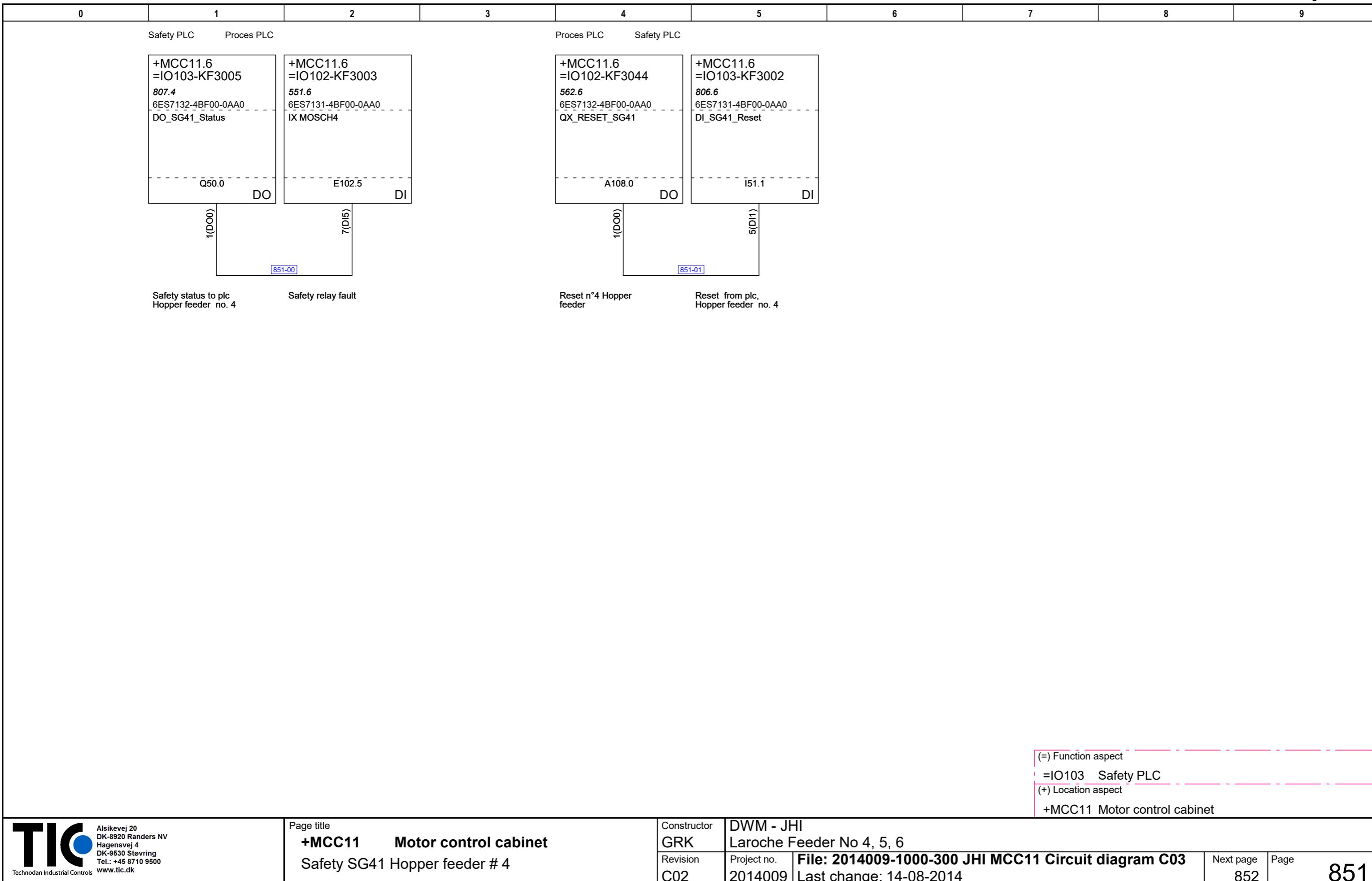
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(+) Location aspect
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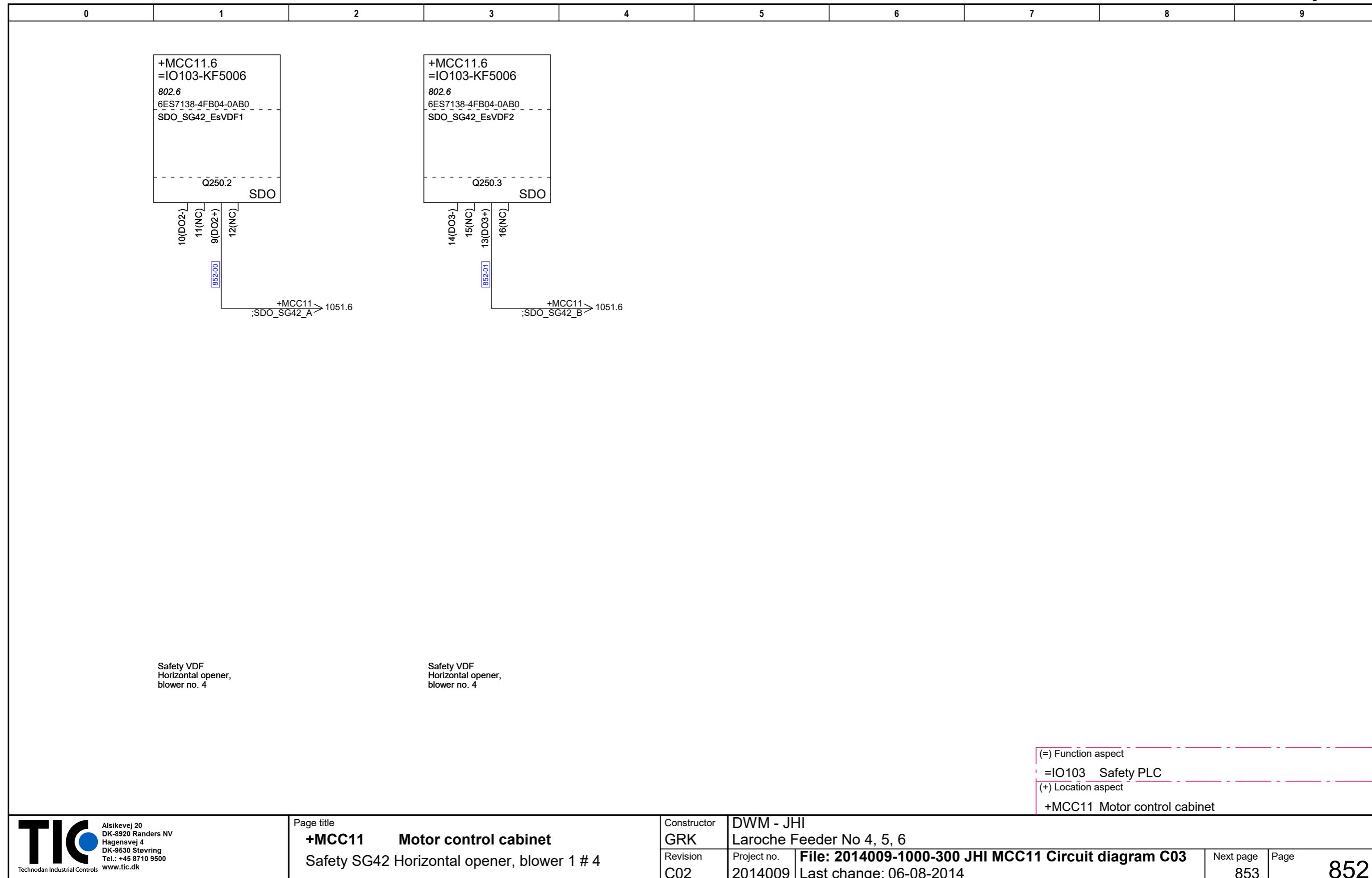
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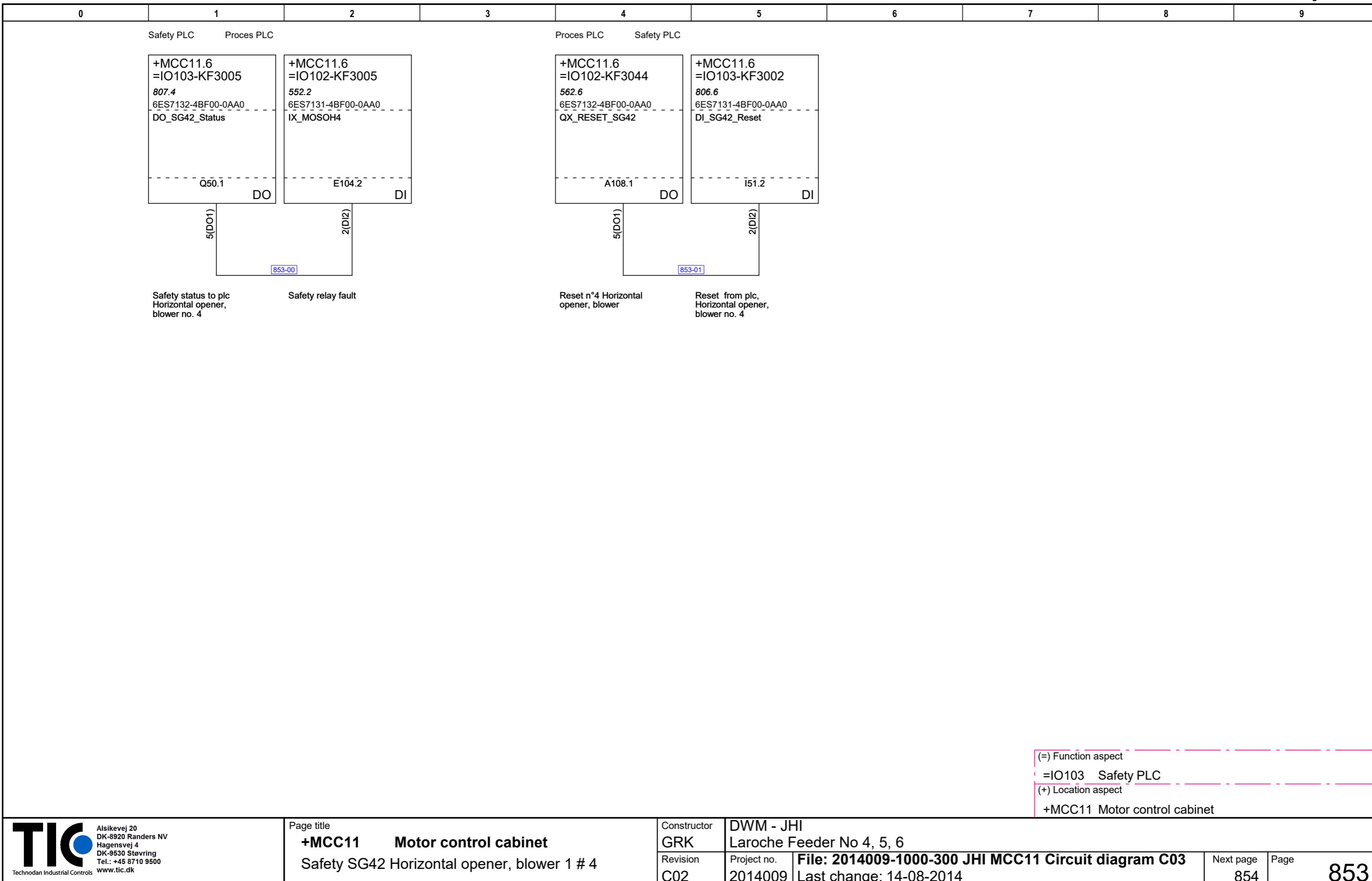
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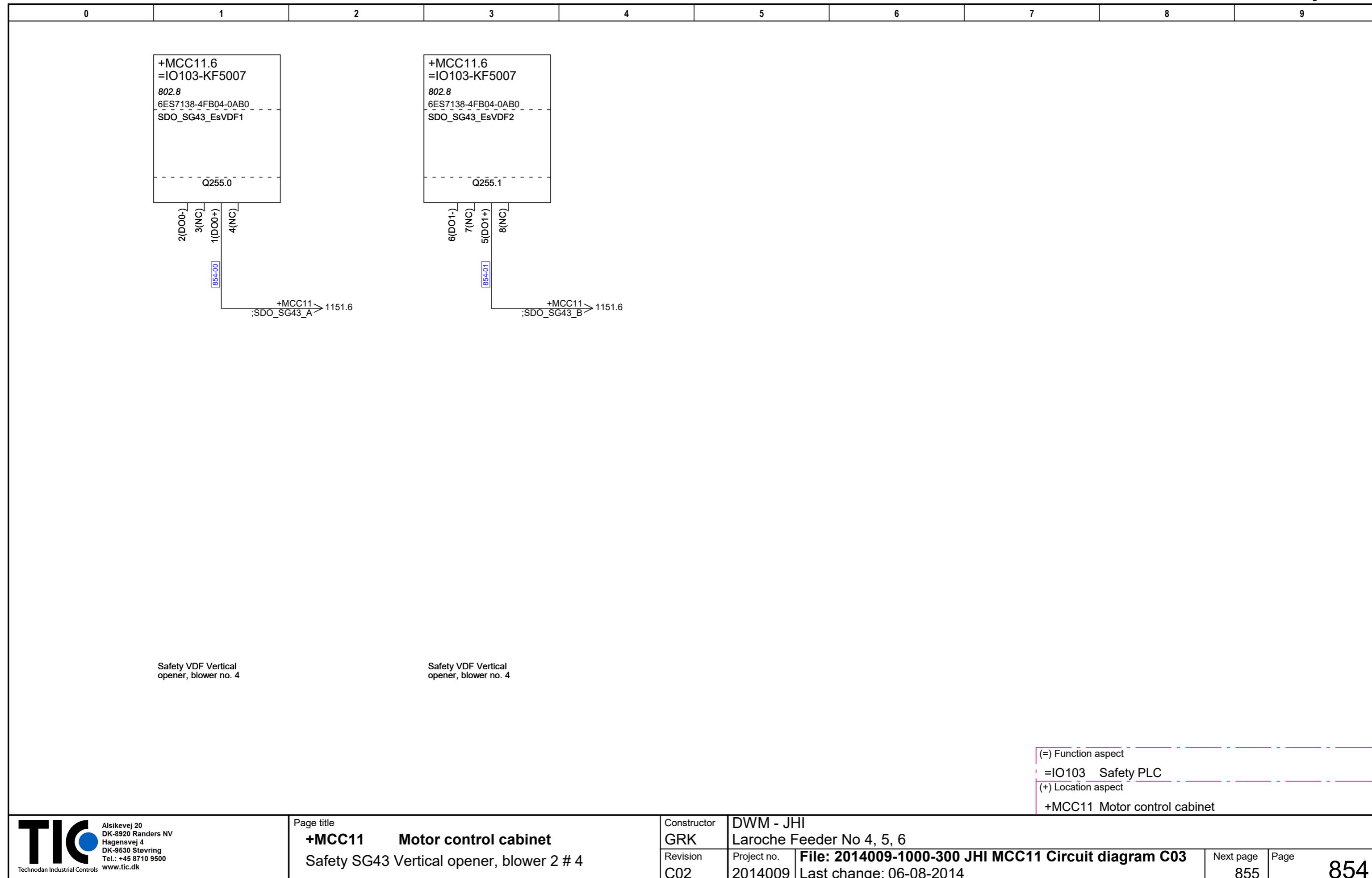
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		Revision C02	Project no. 2014009	File: 2014009-1000-300 JHI MCC11 Circuit diagram C03	Last change: 30-06-2014	Next page Page 850 808

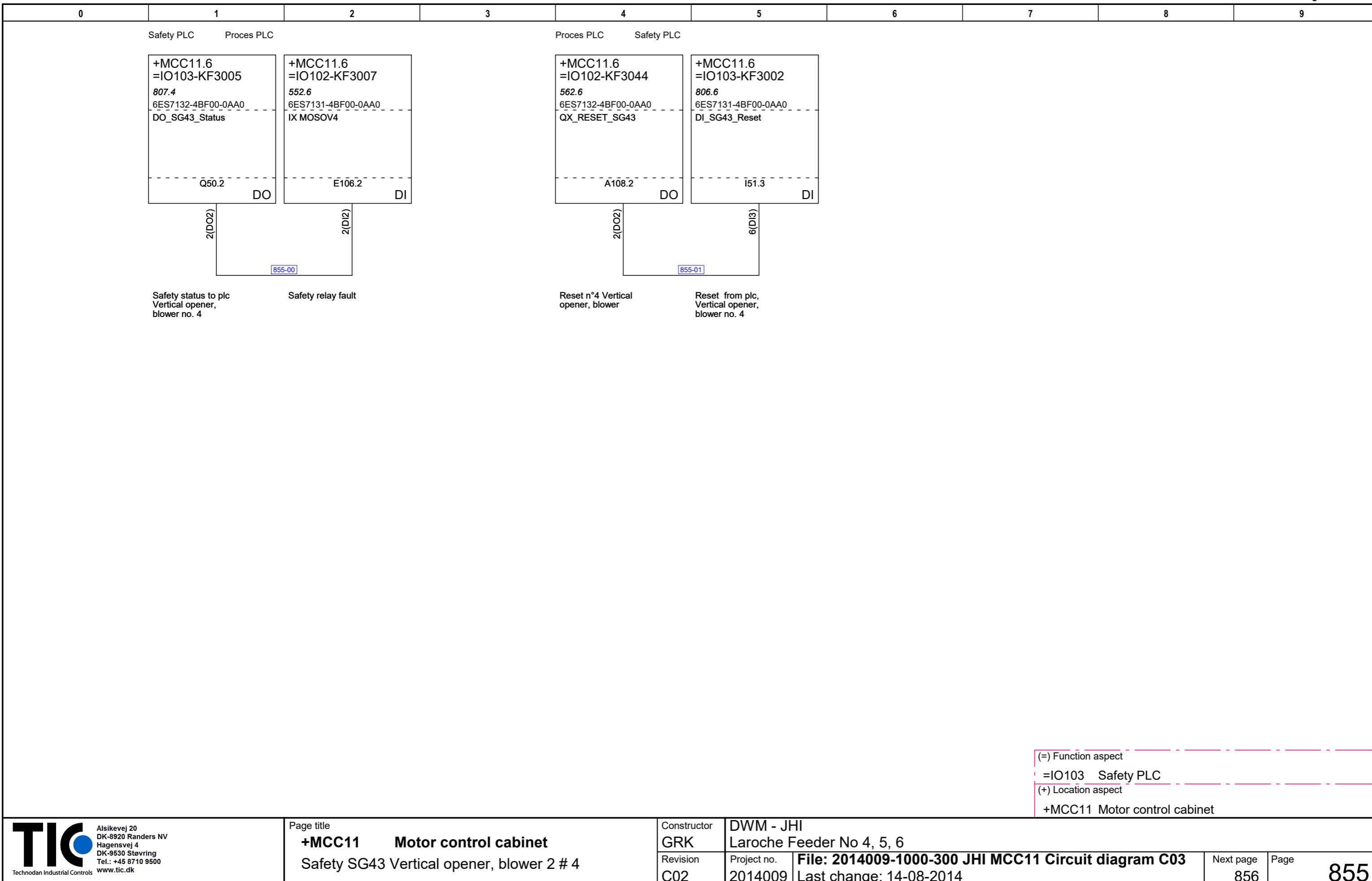


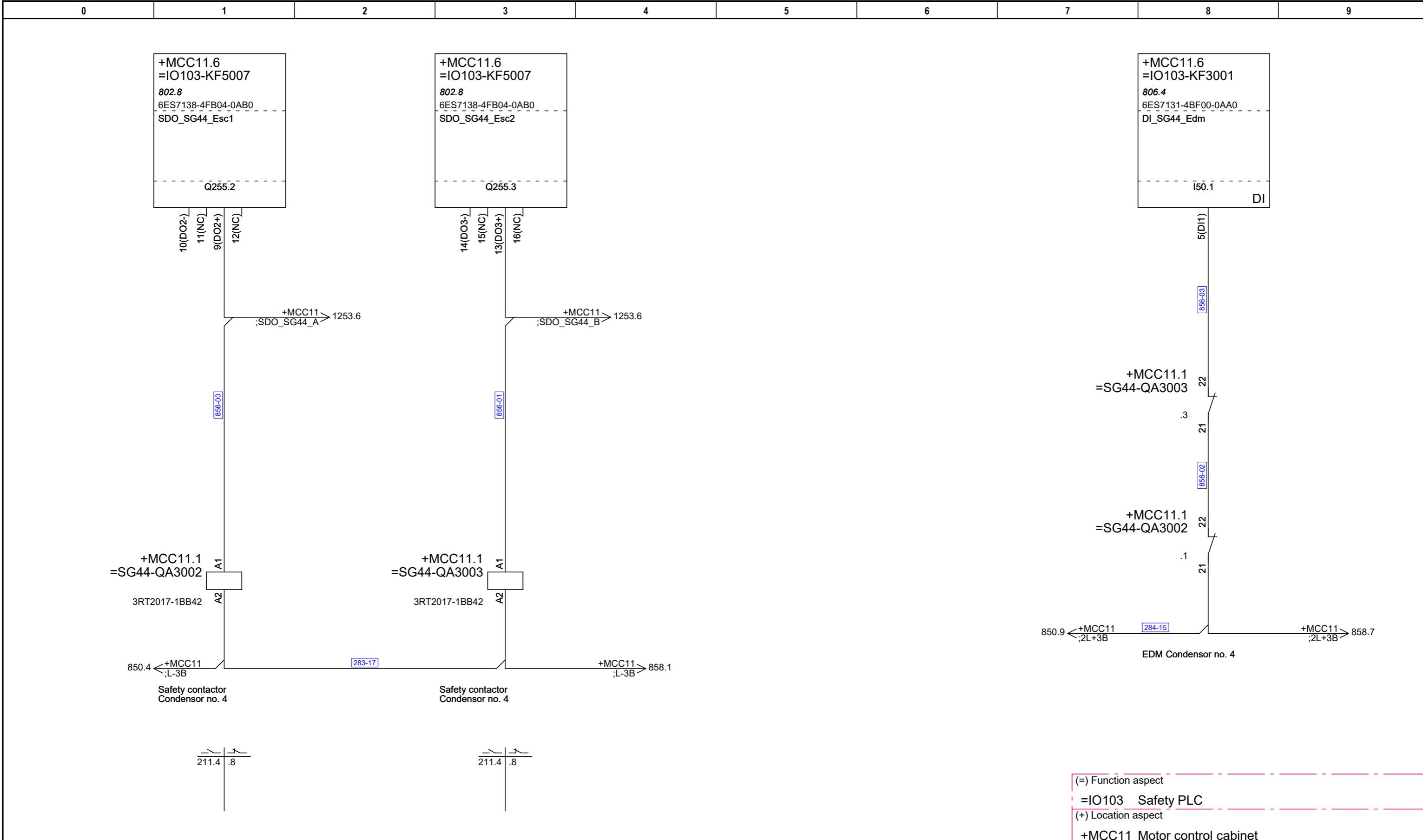




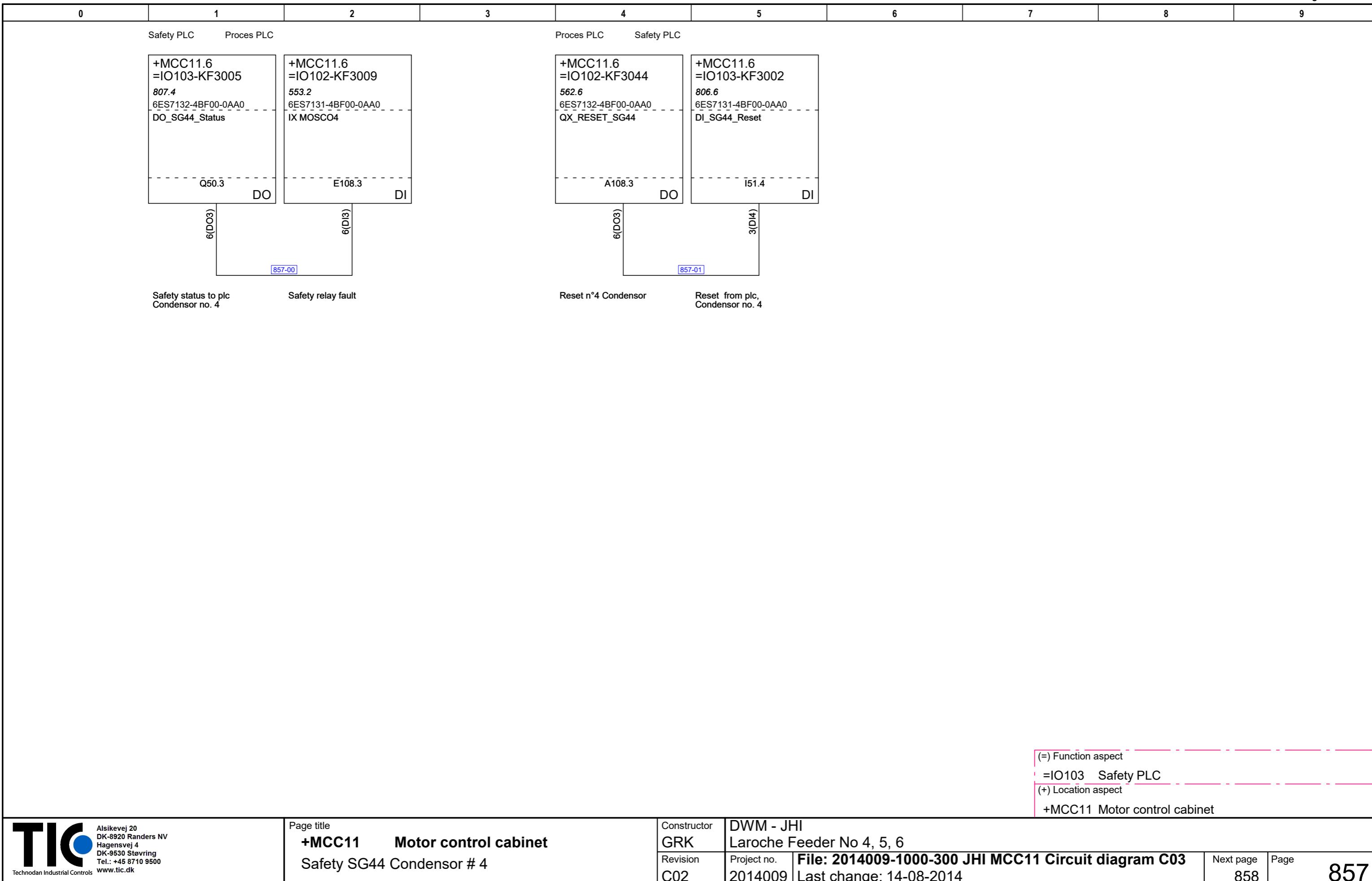


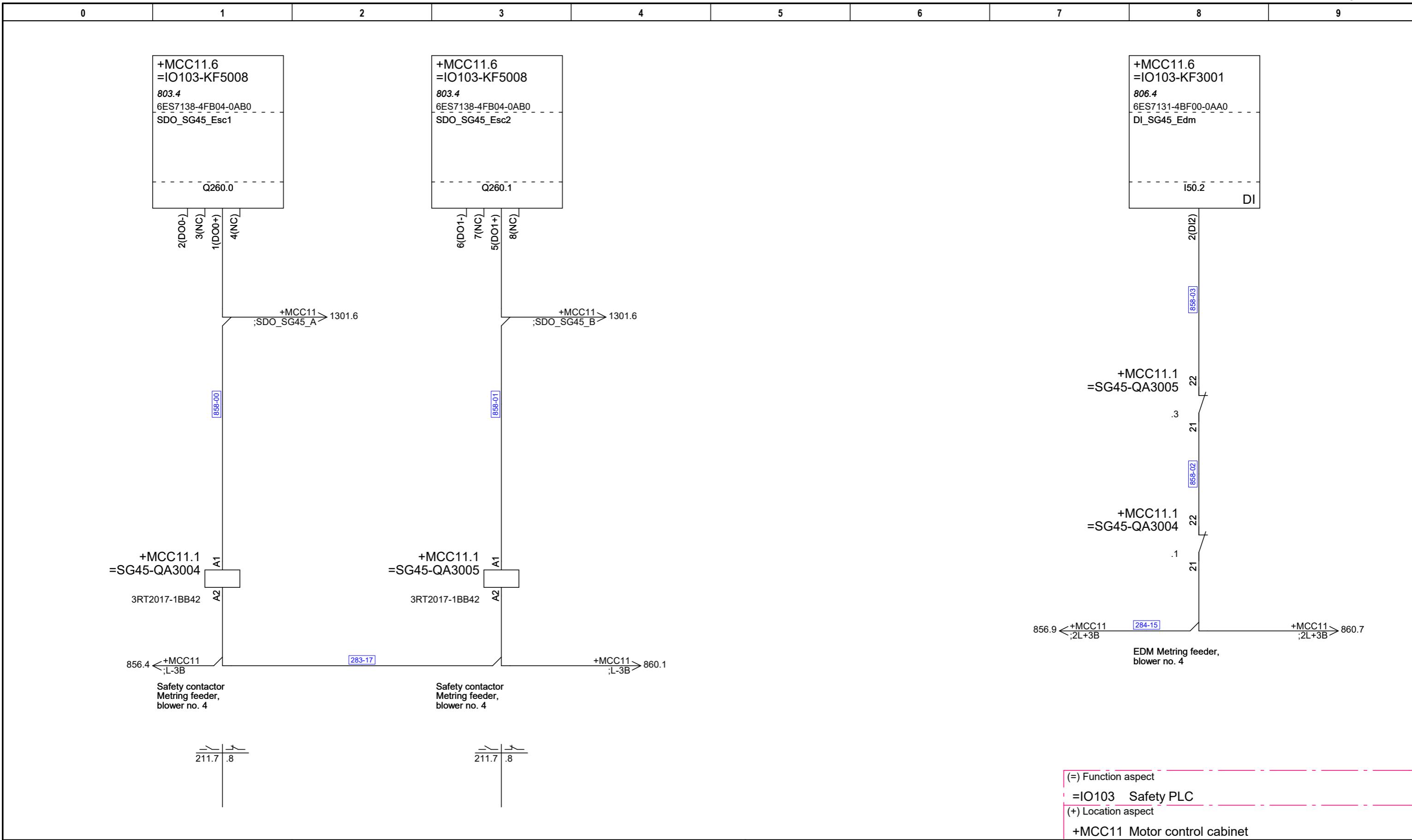


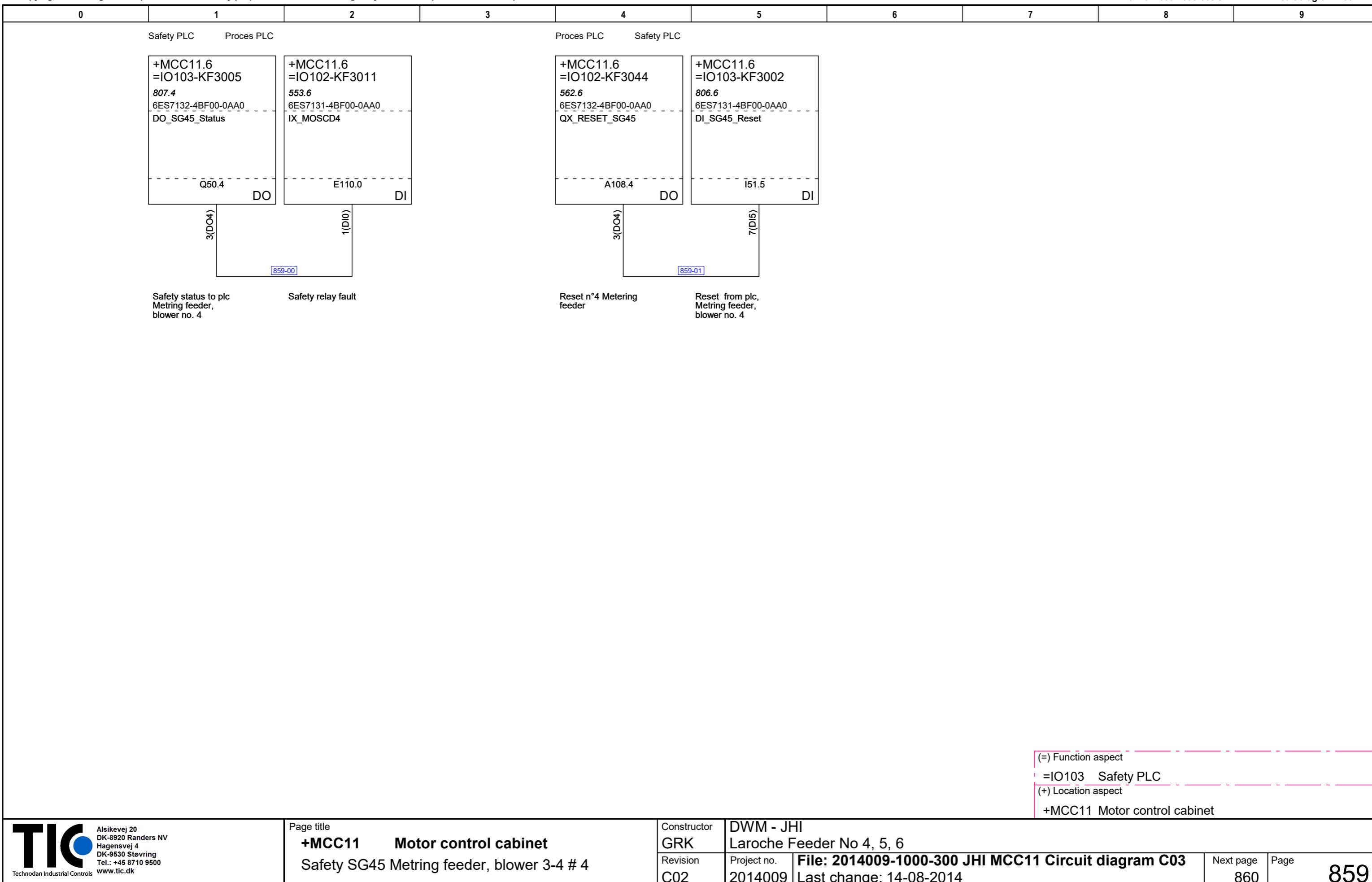


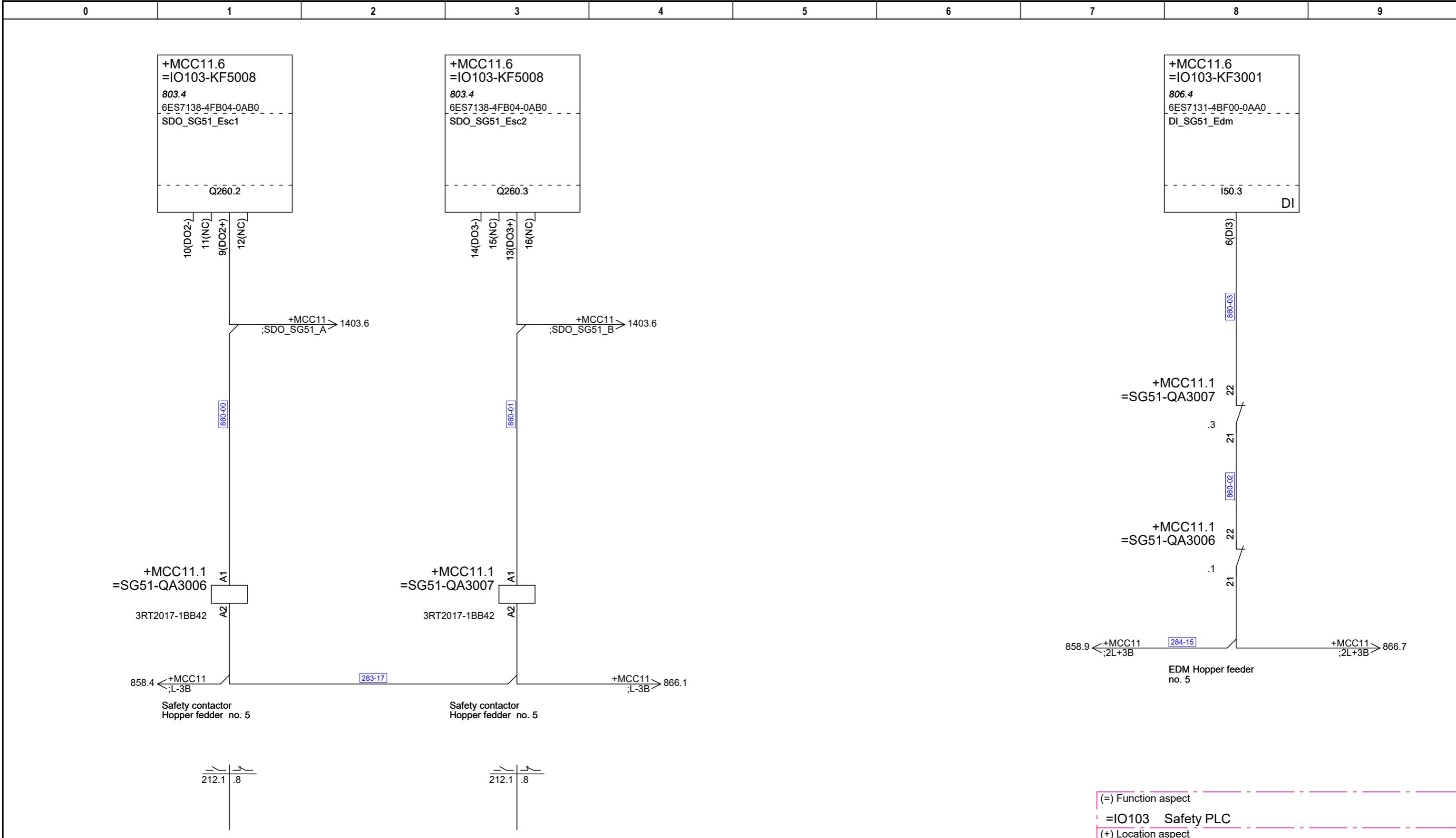


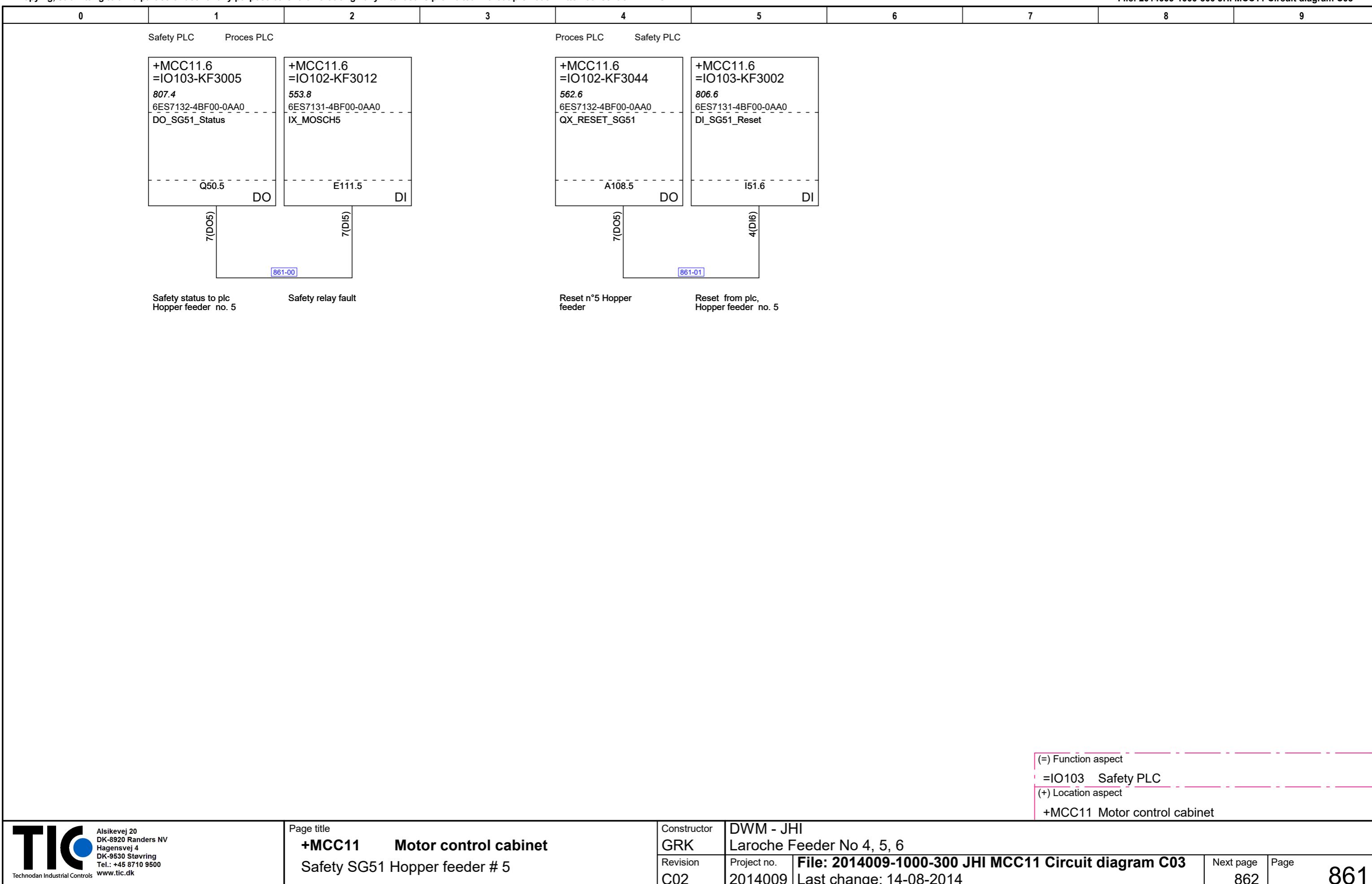
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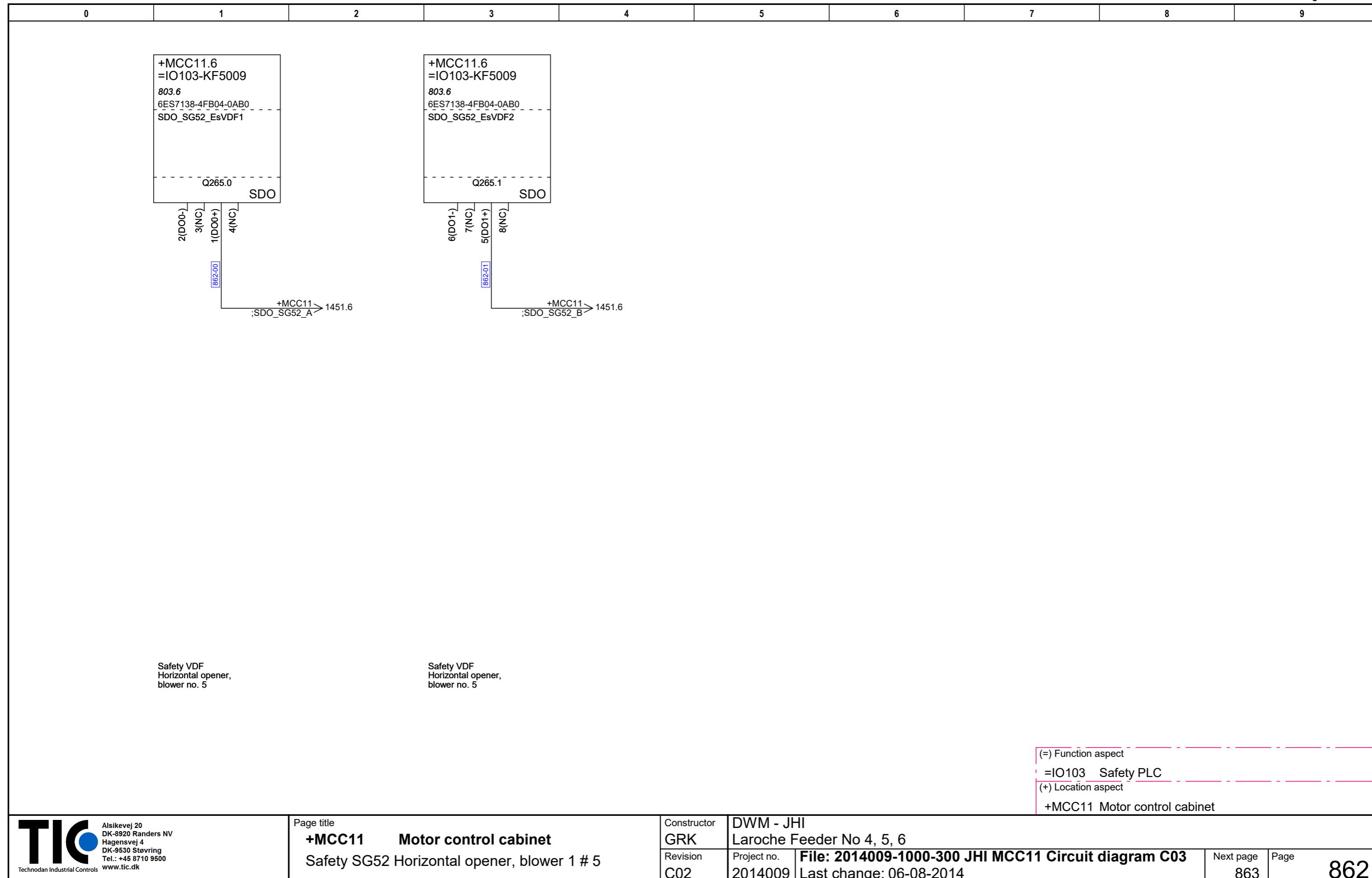


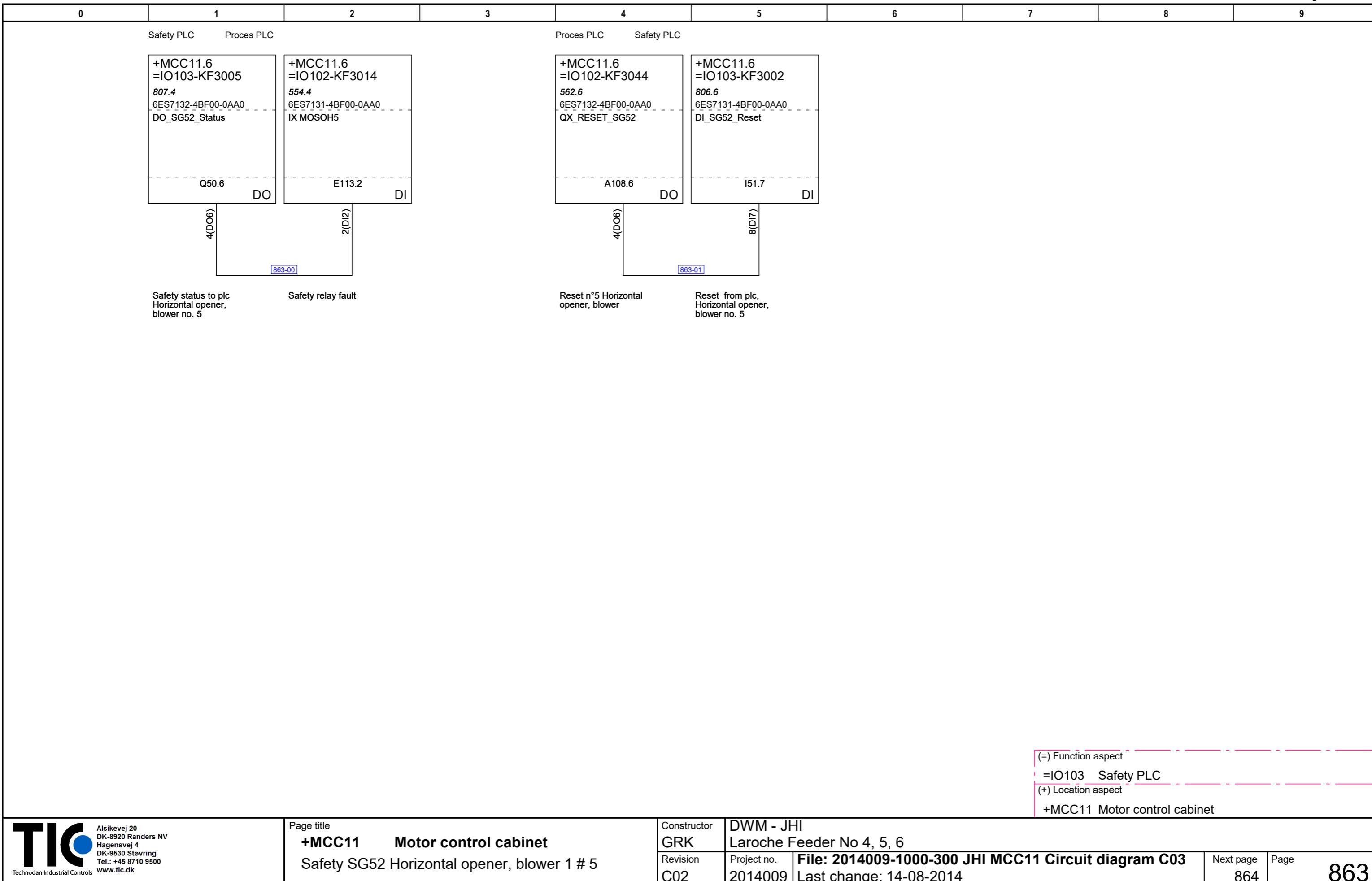


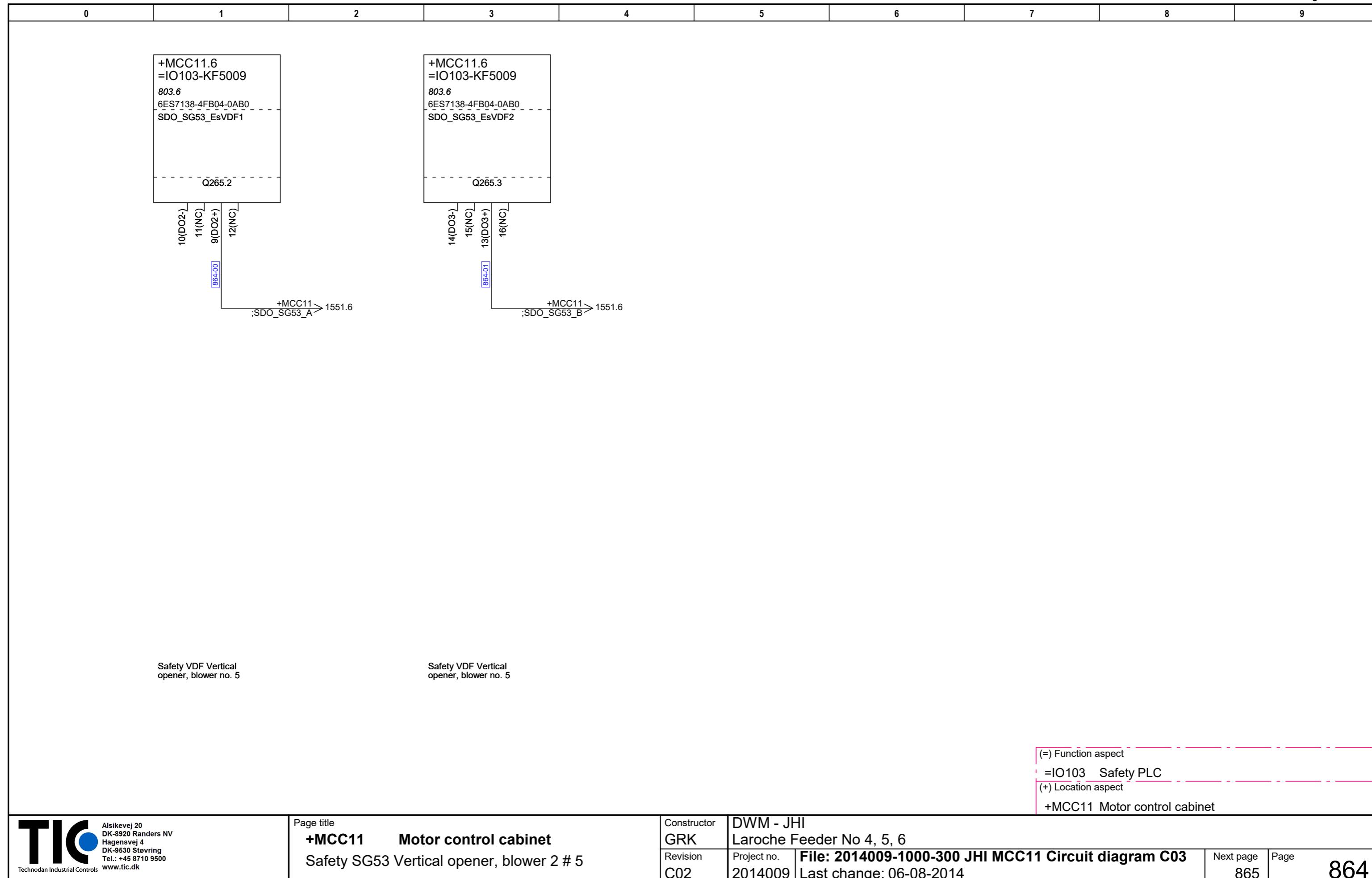


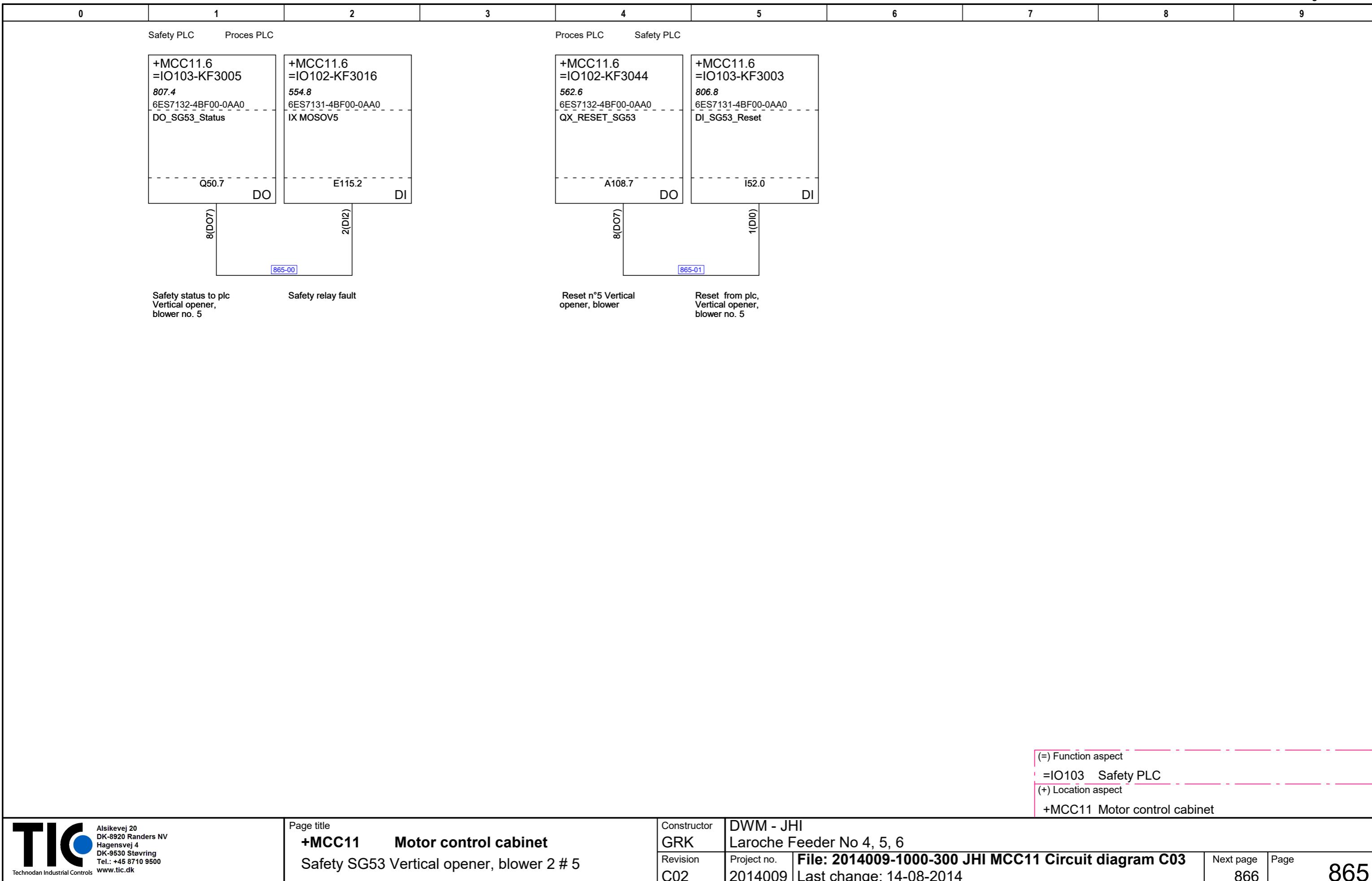


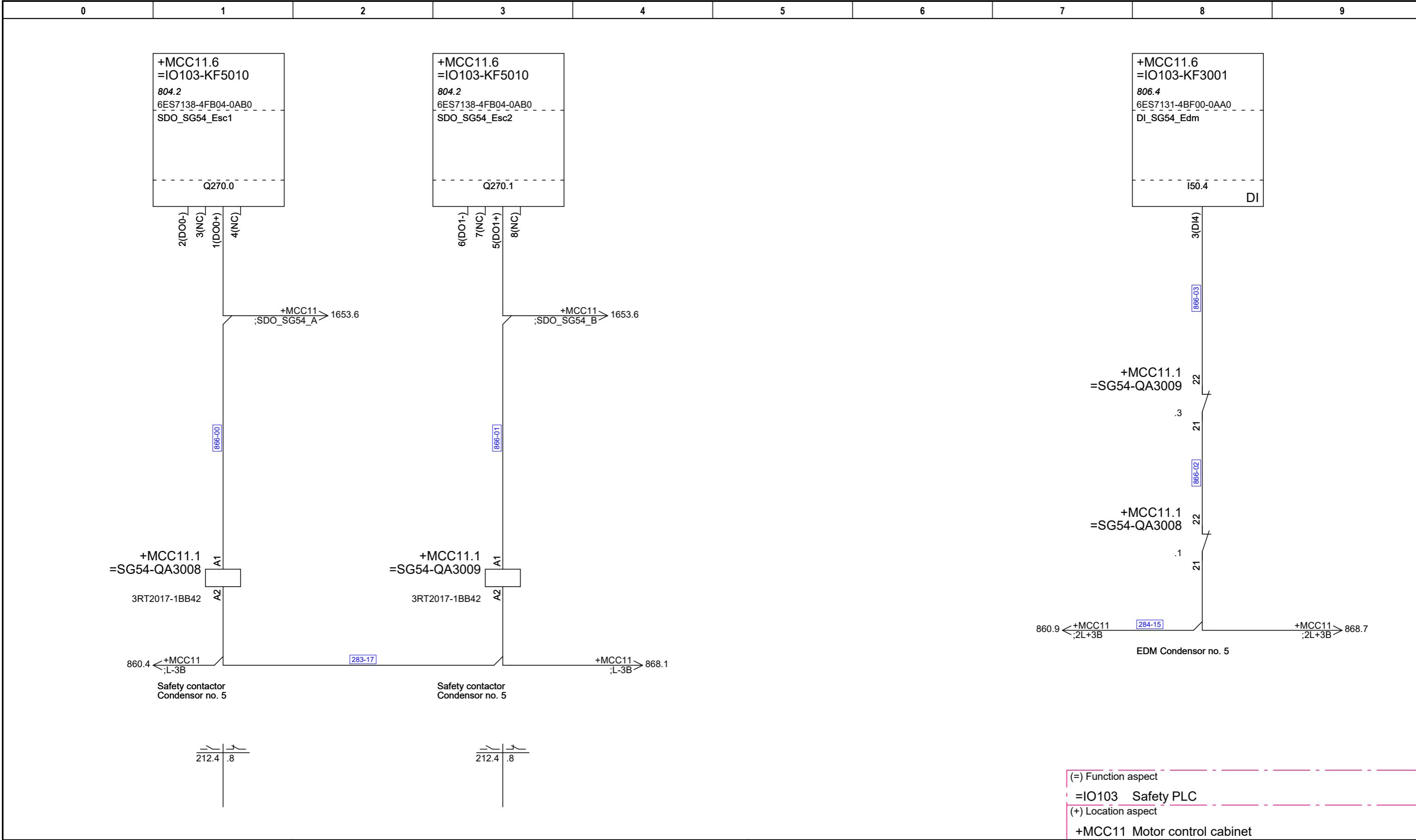


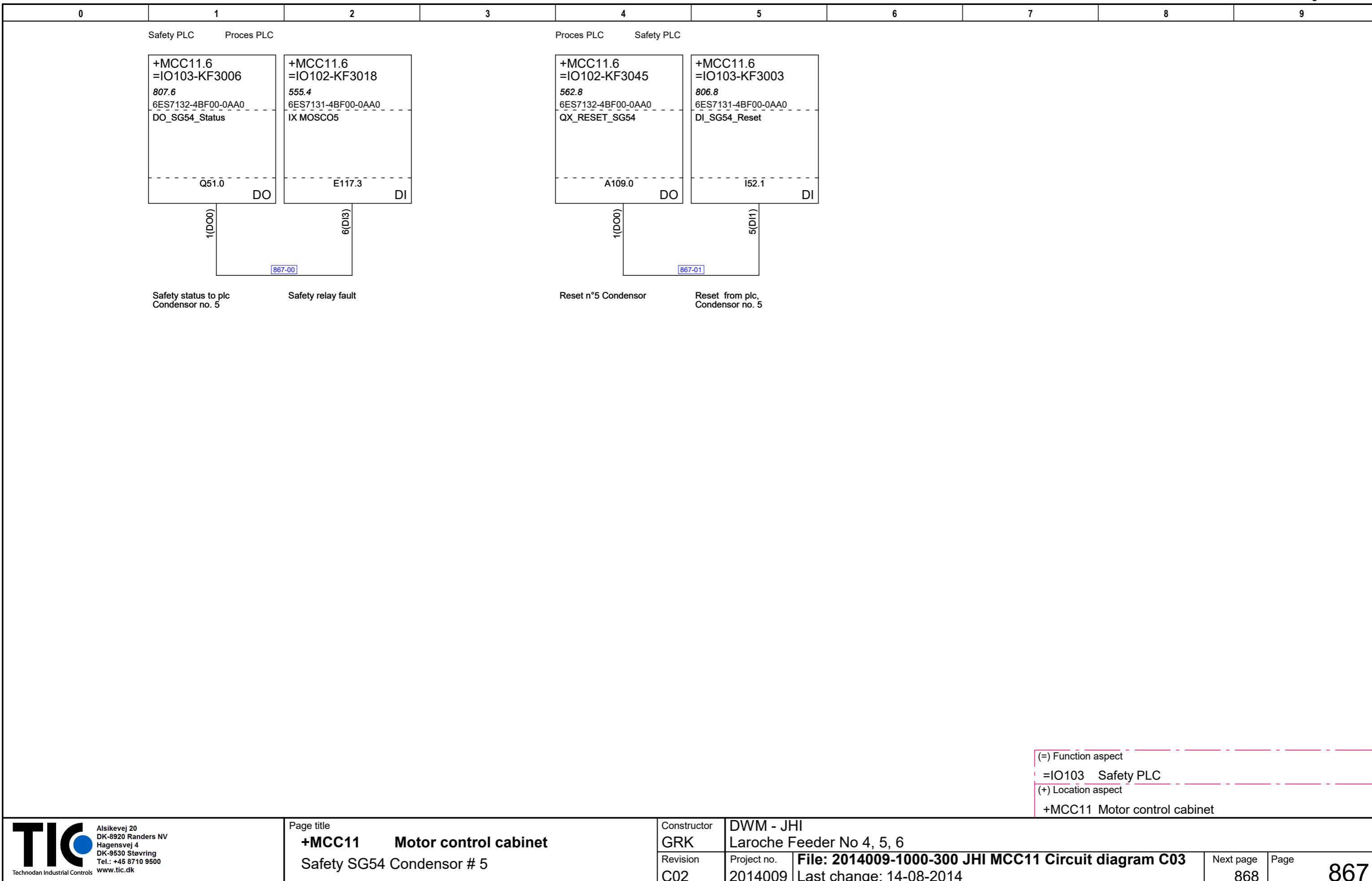


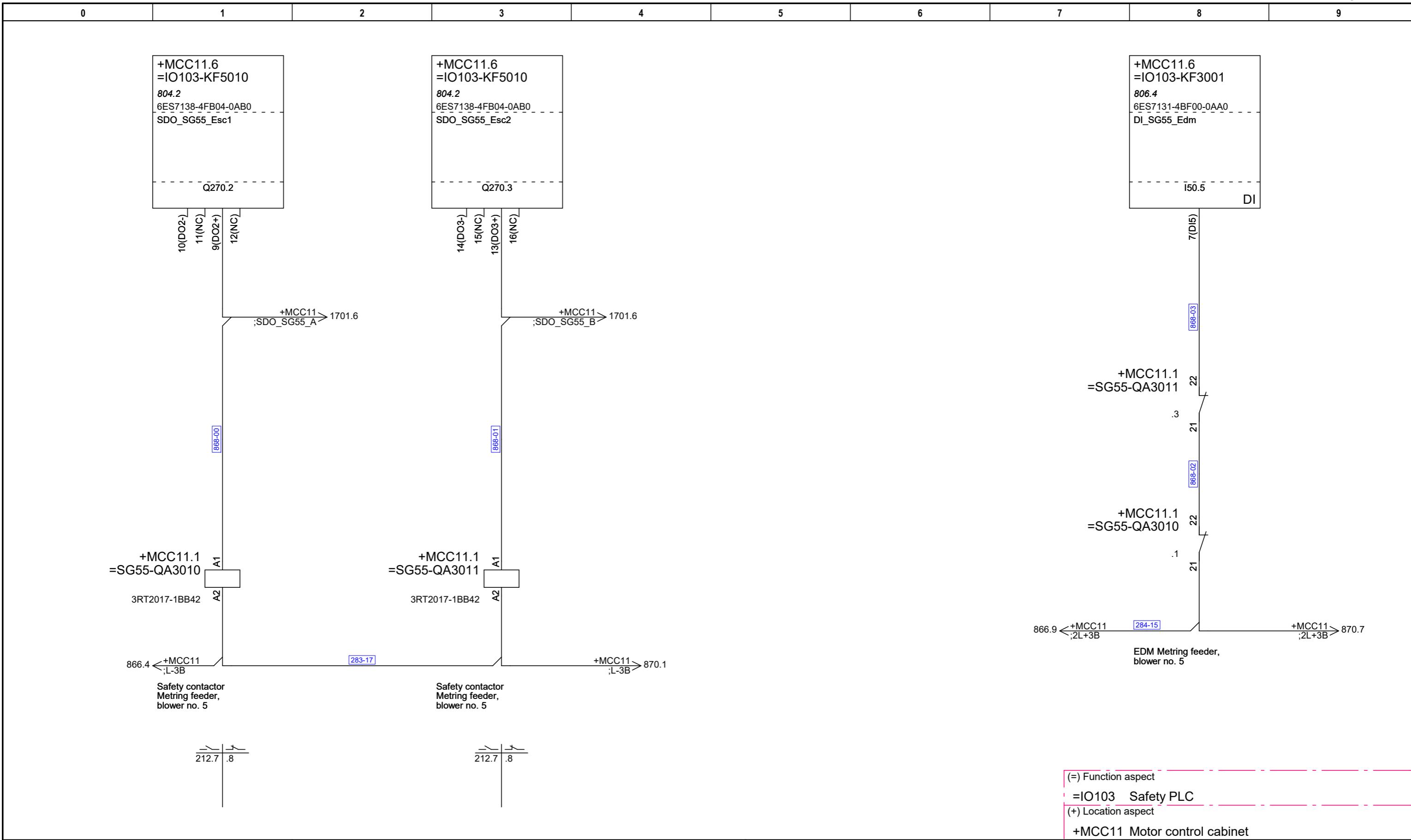


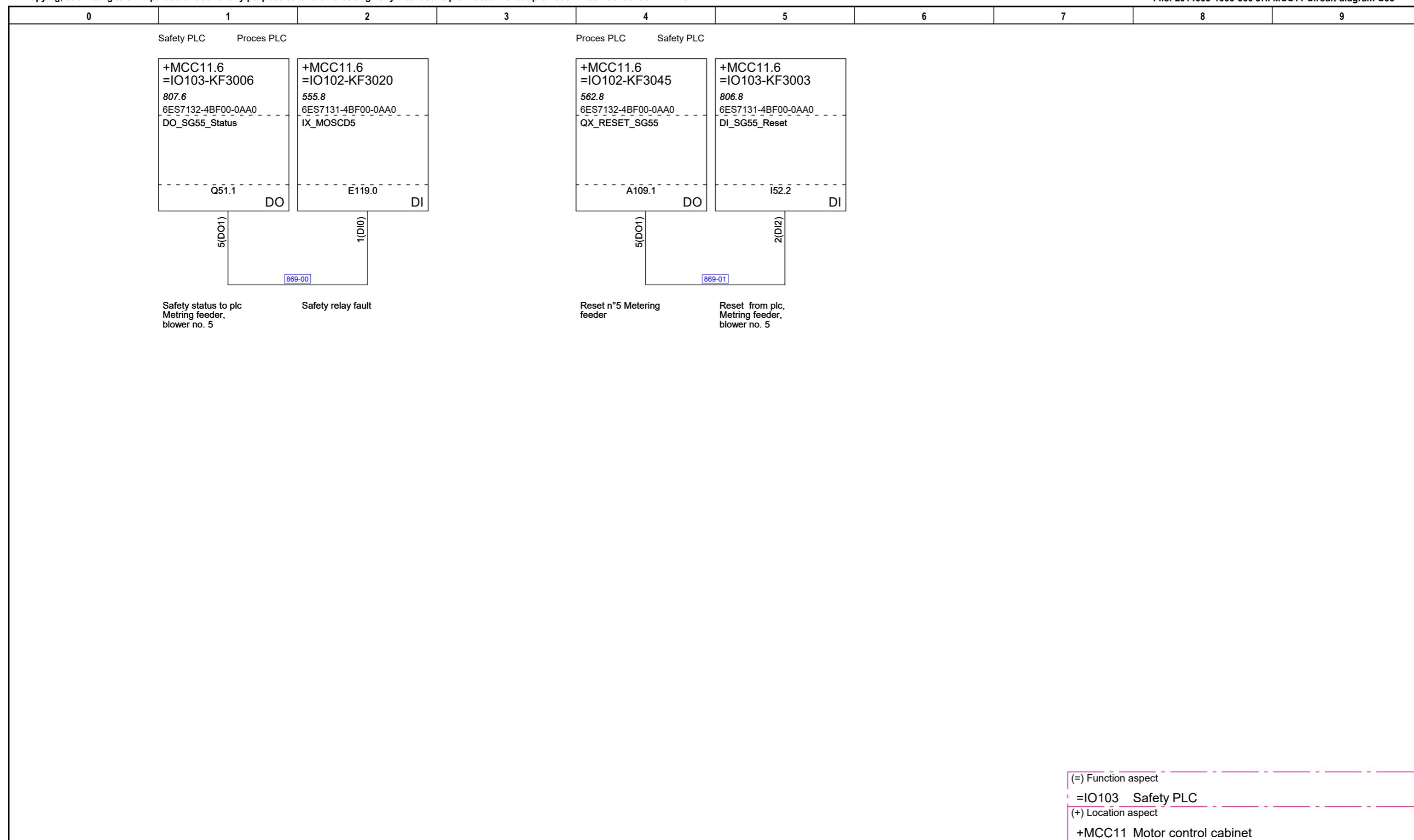












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+MCC11 Motor control cabinet

Safety SG55 Metring feeder, blower 3-4 # 5

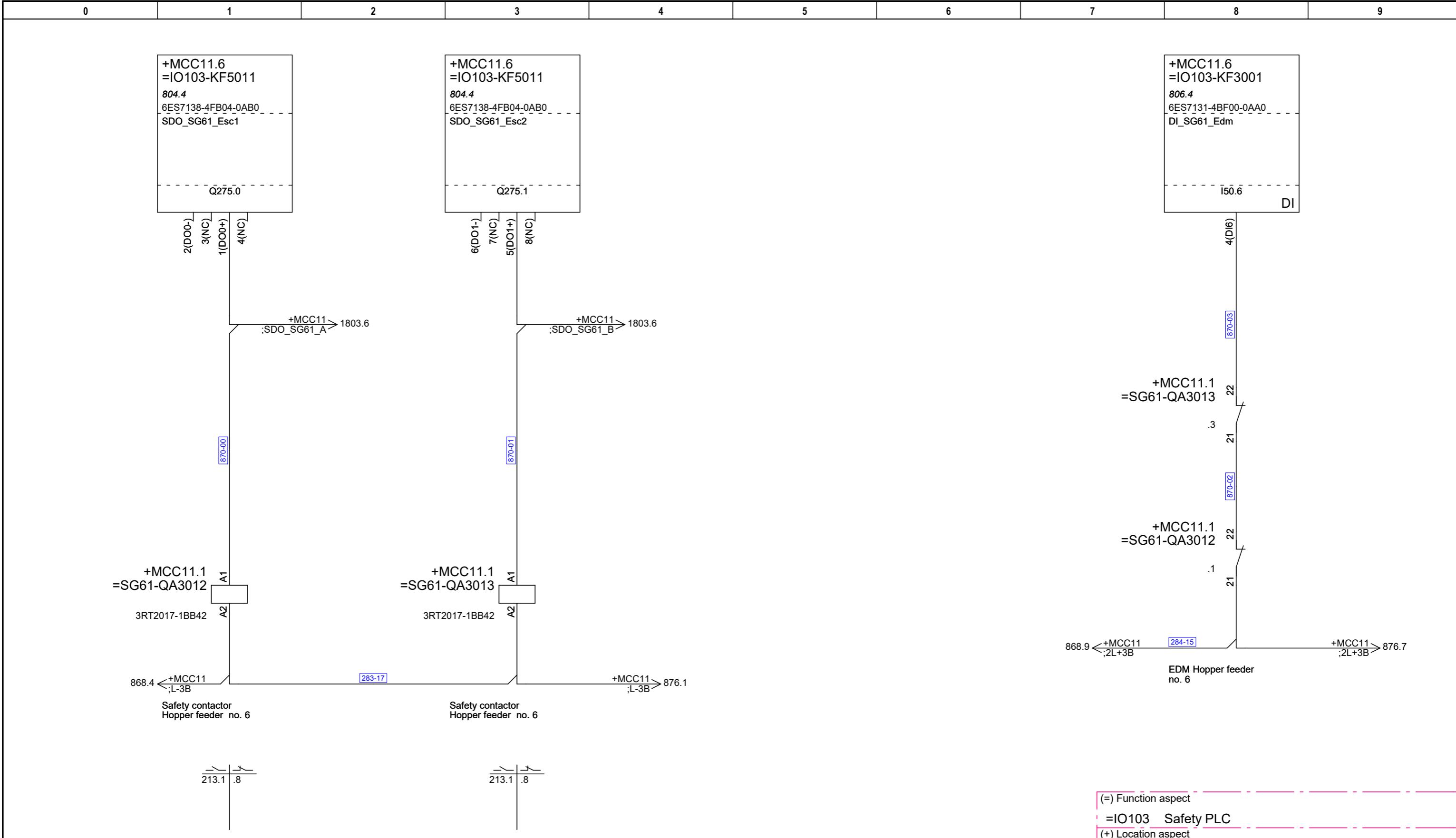
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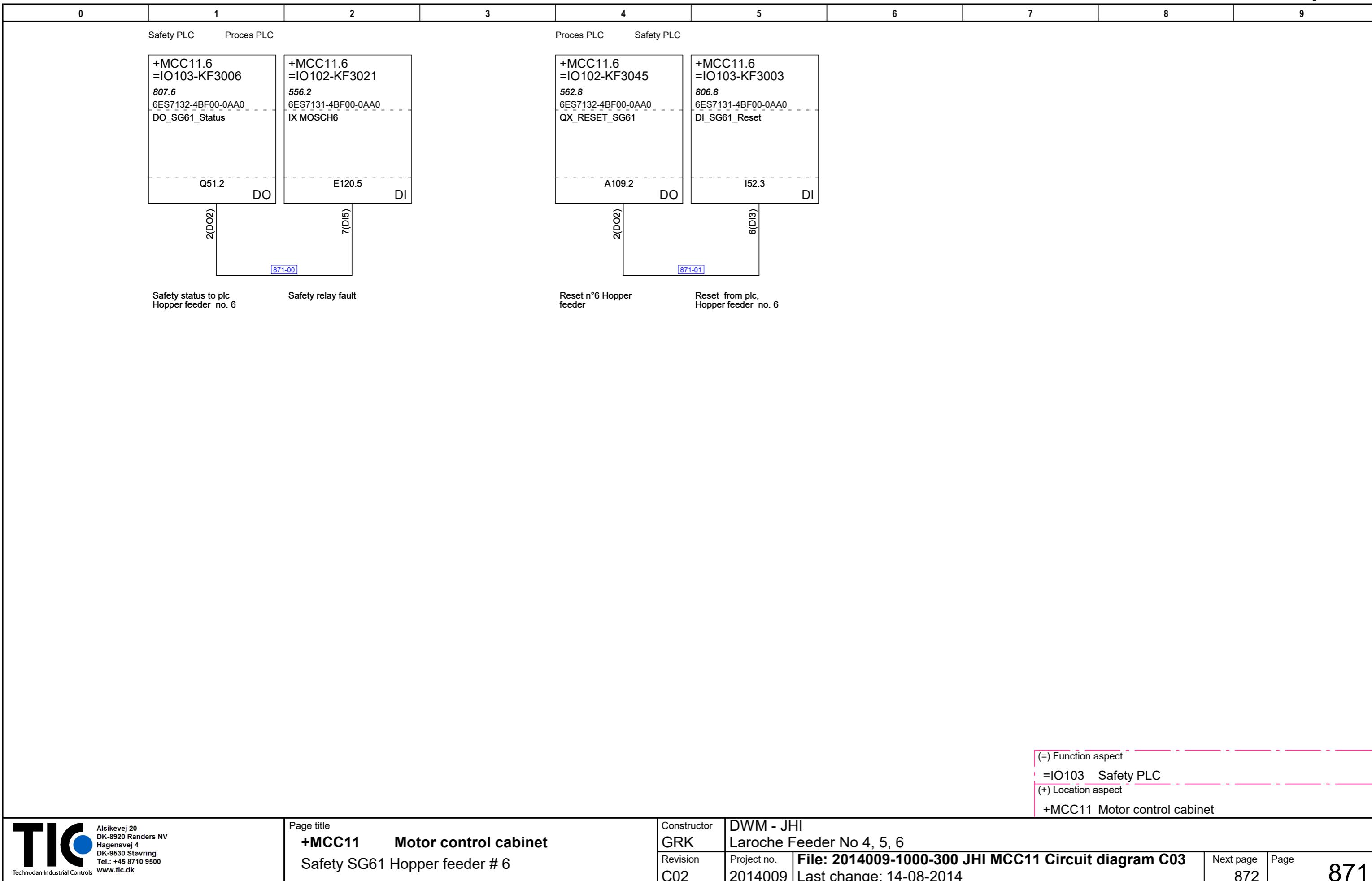
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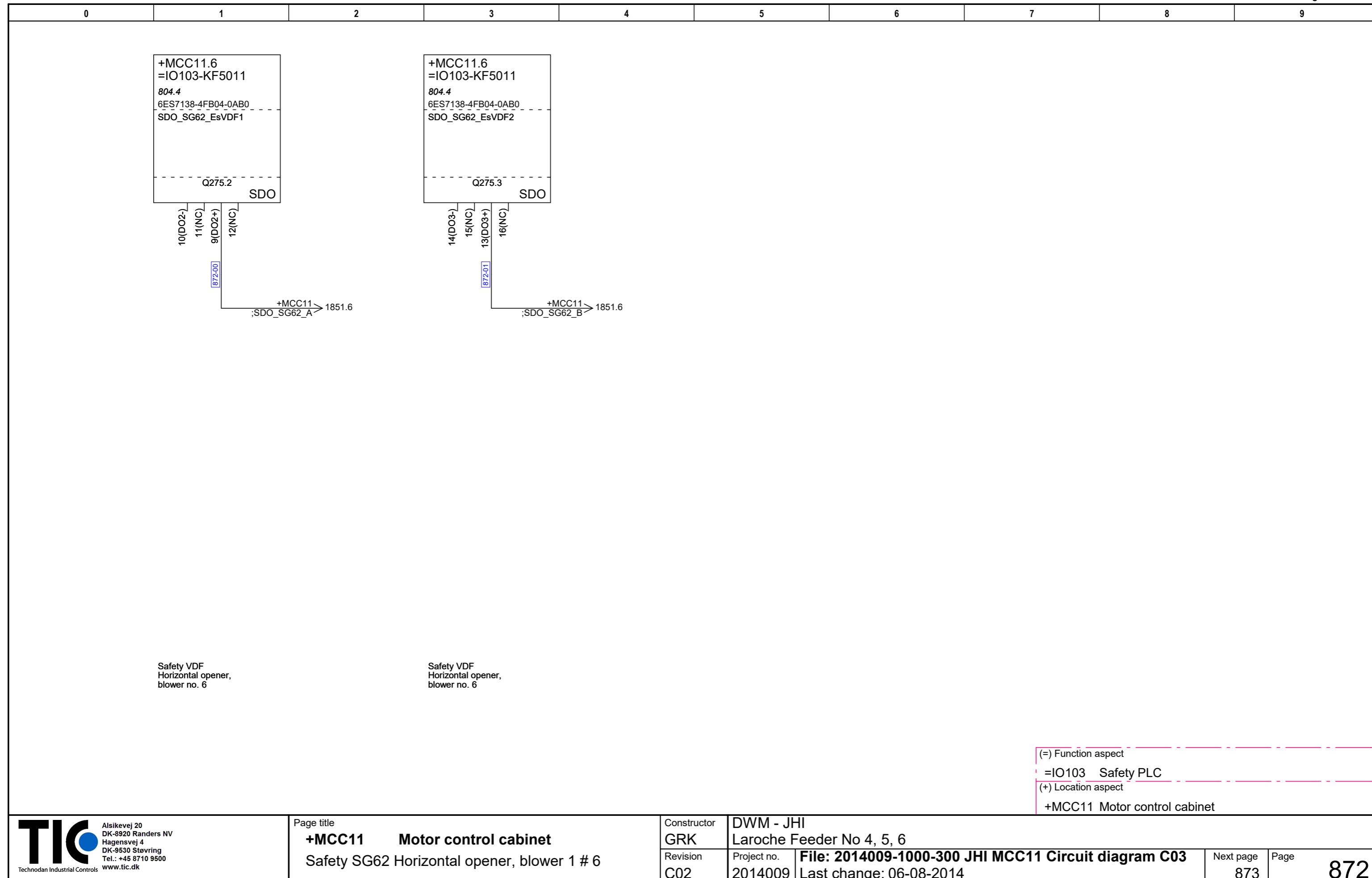
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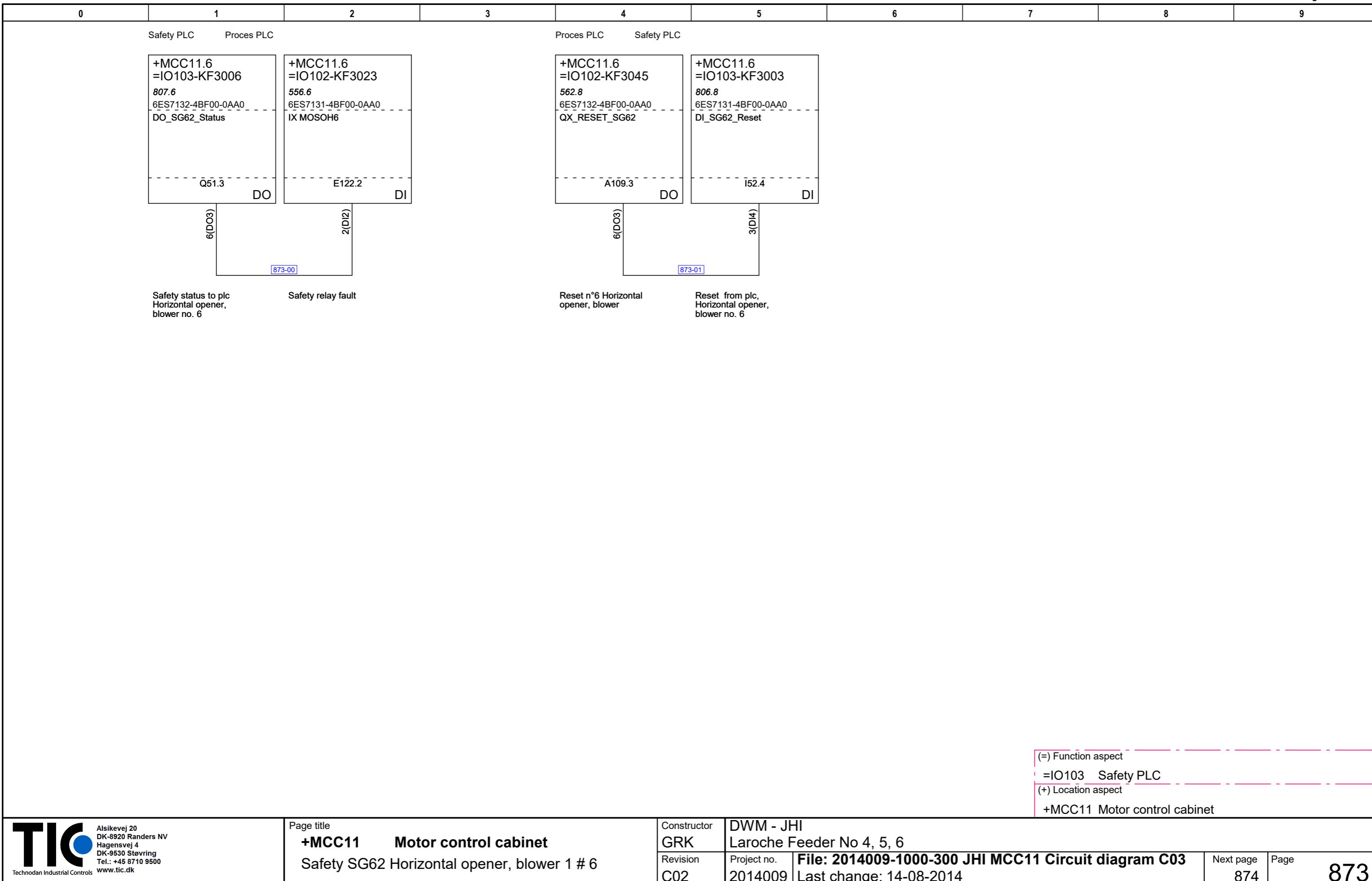
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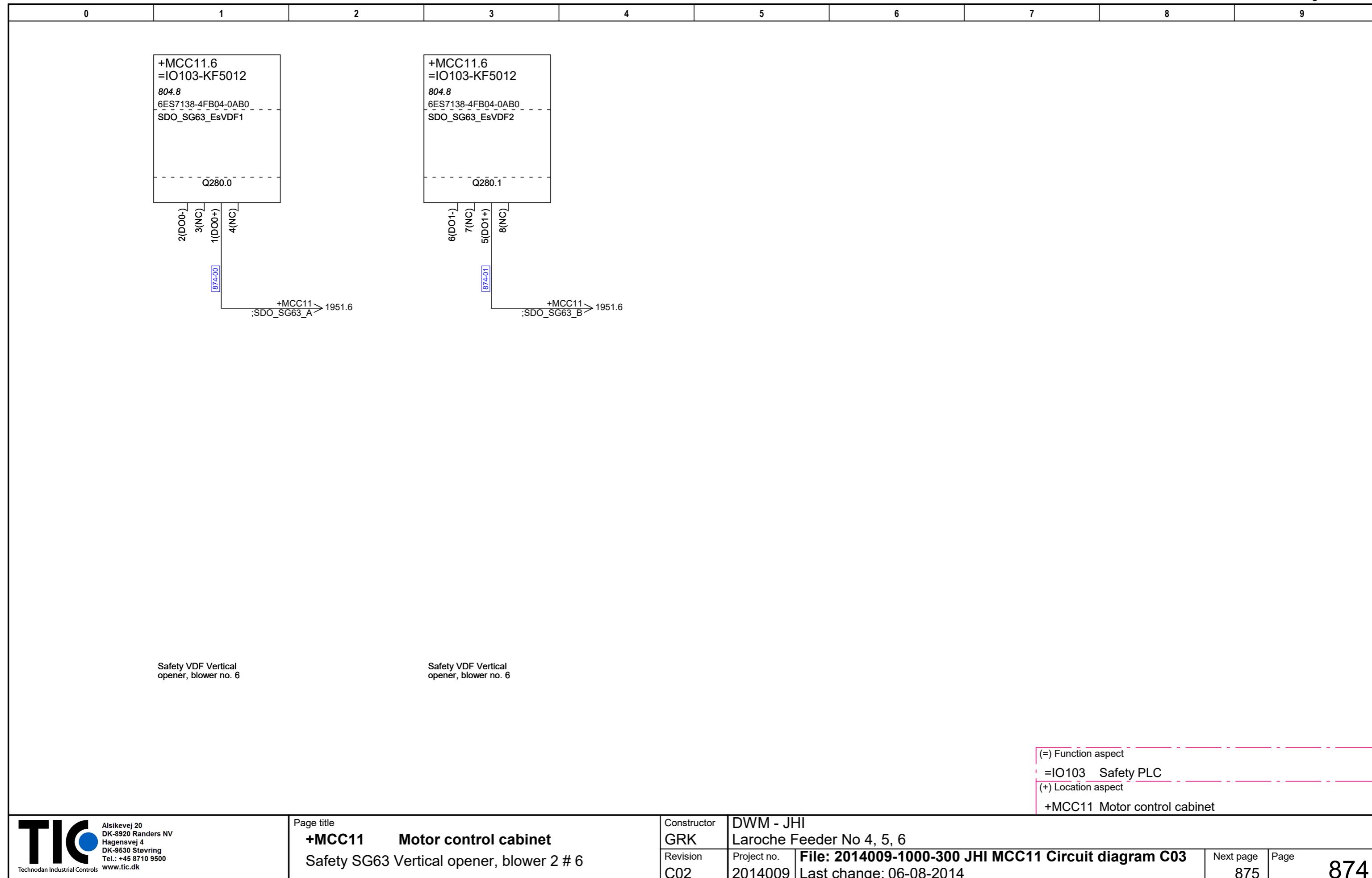
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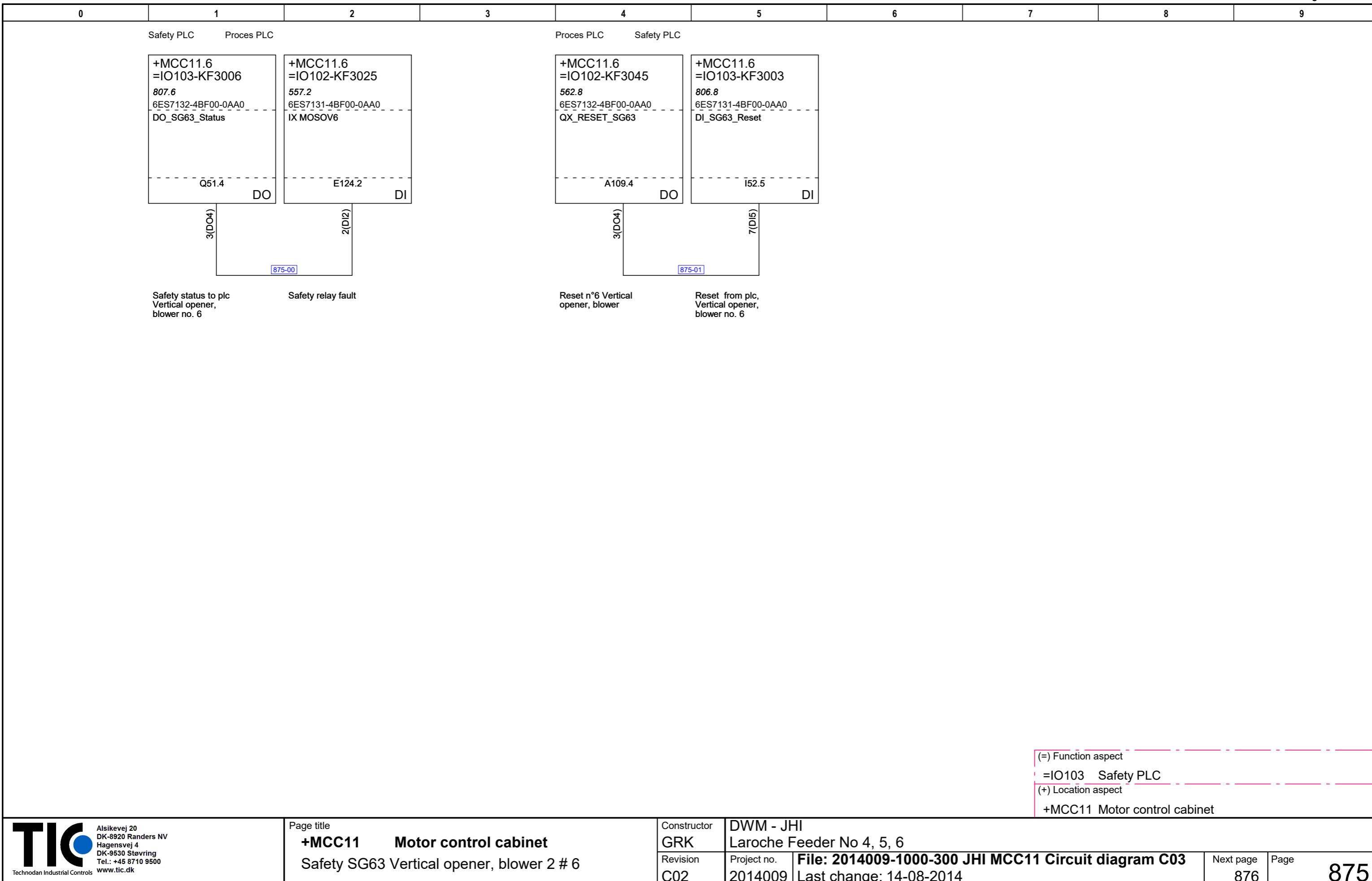


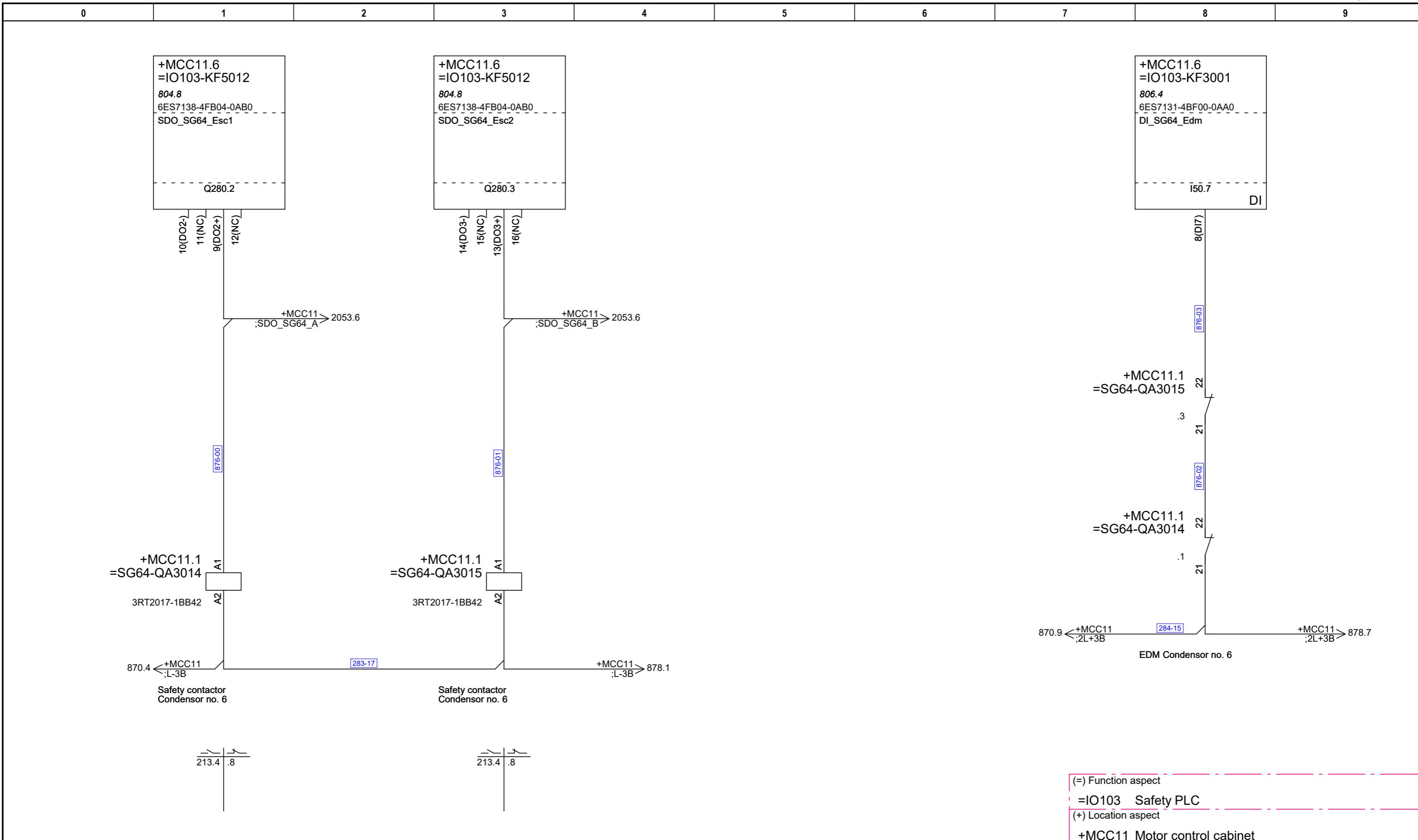




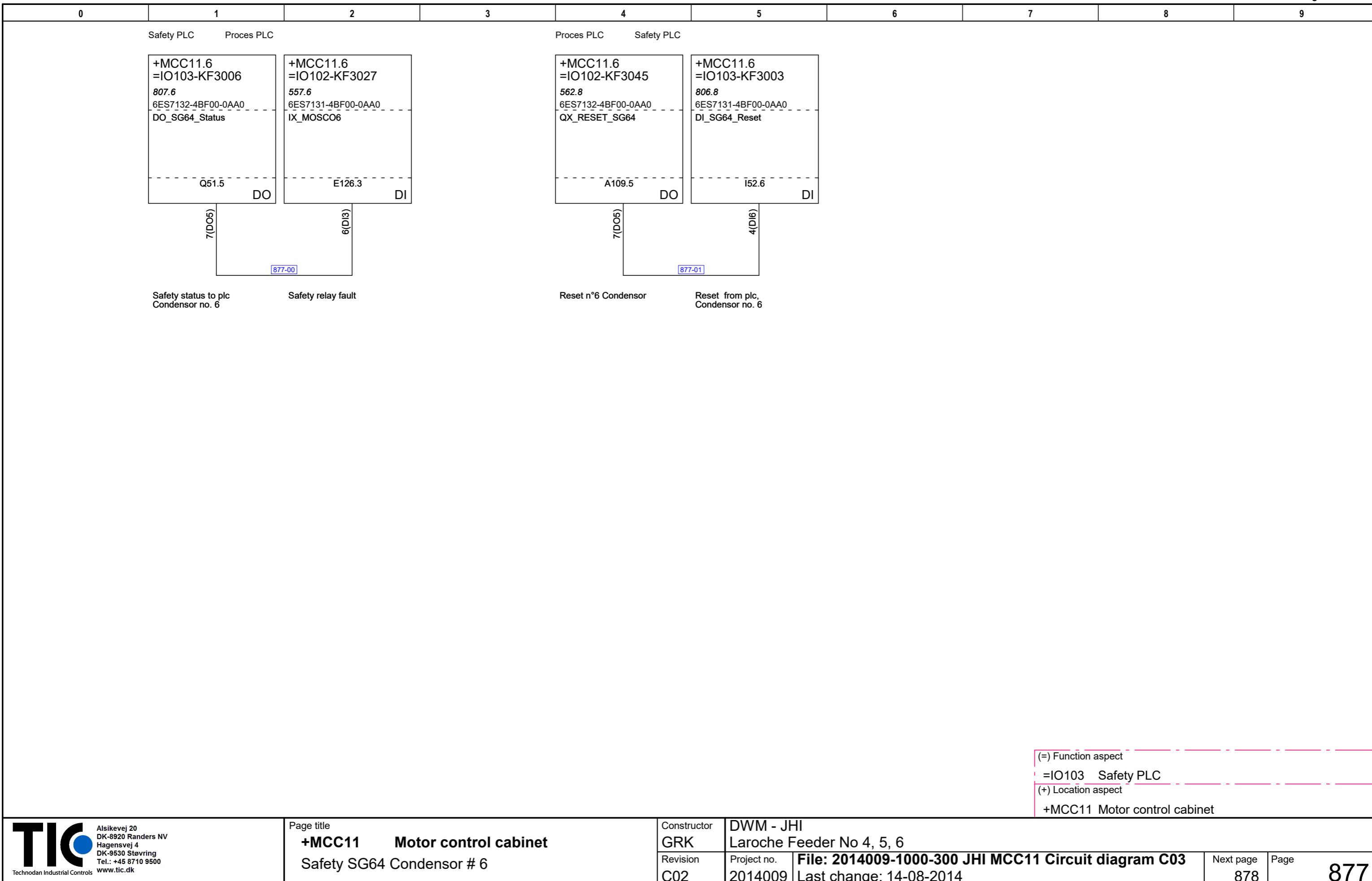


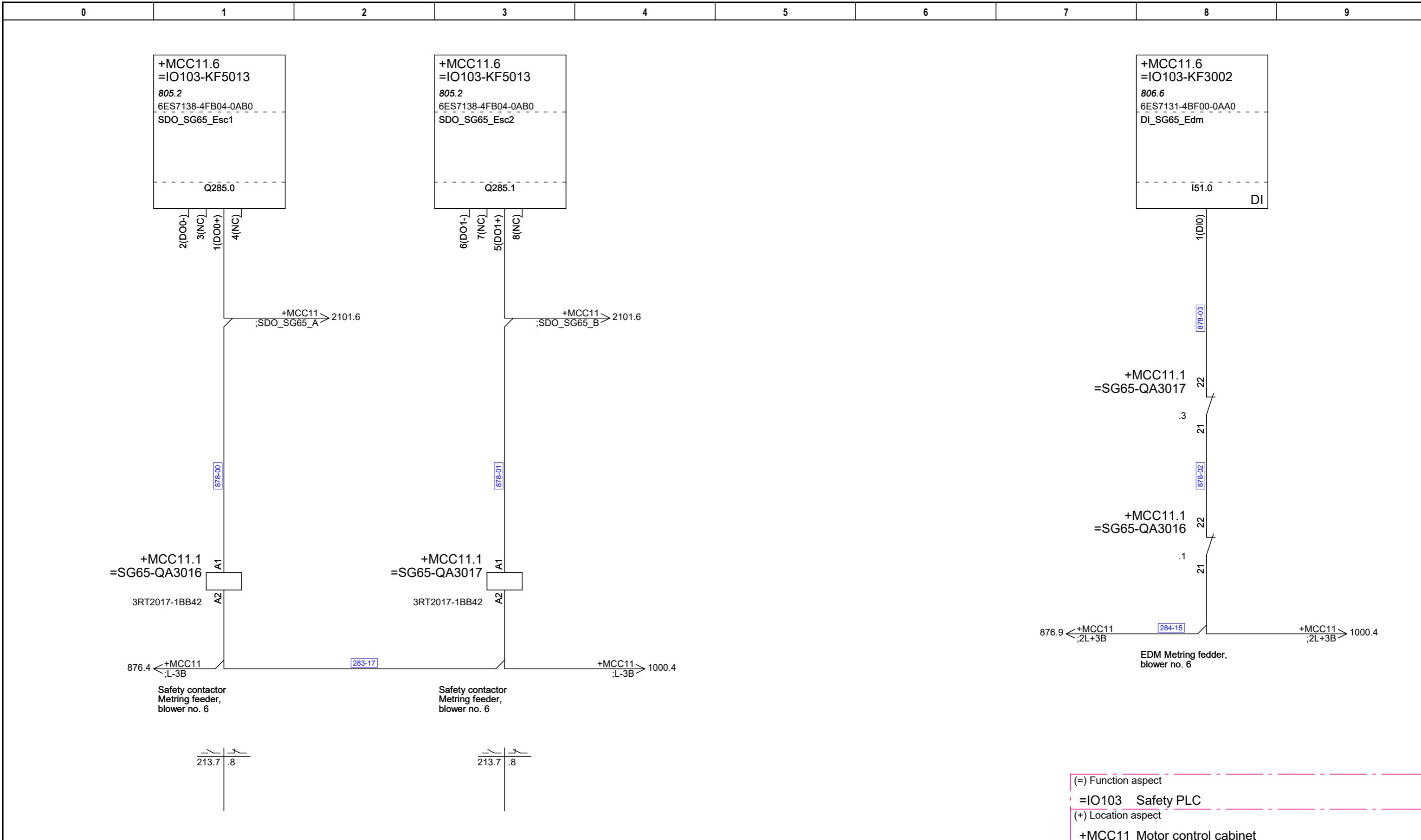


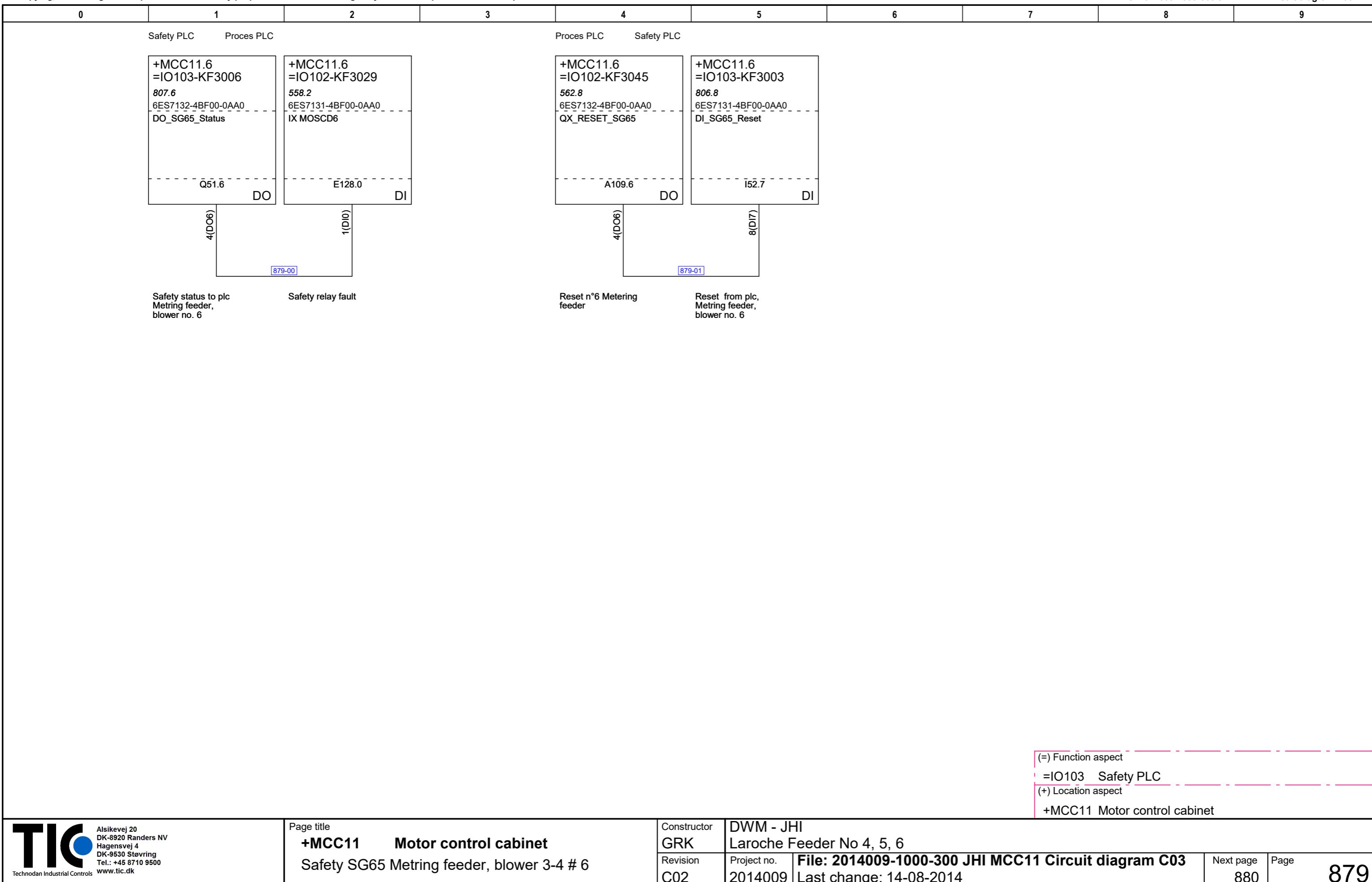


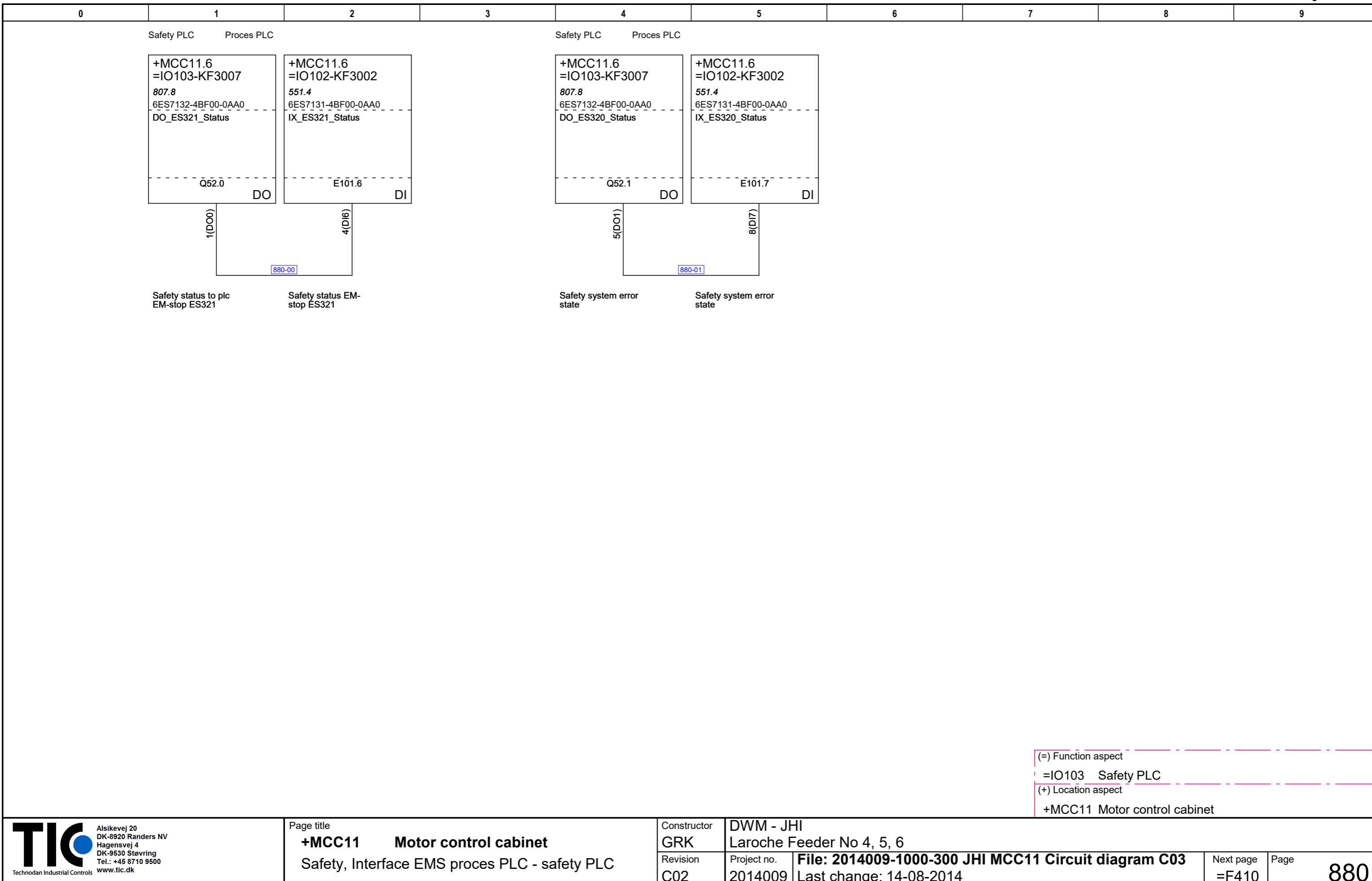


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 (+) Location aspect
 +MCC11 Motor control cabinet







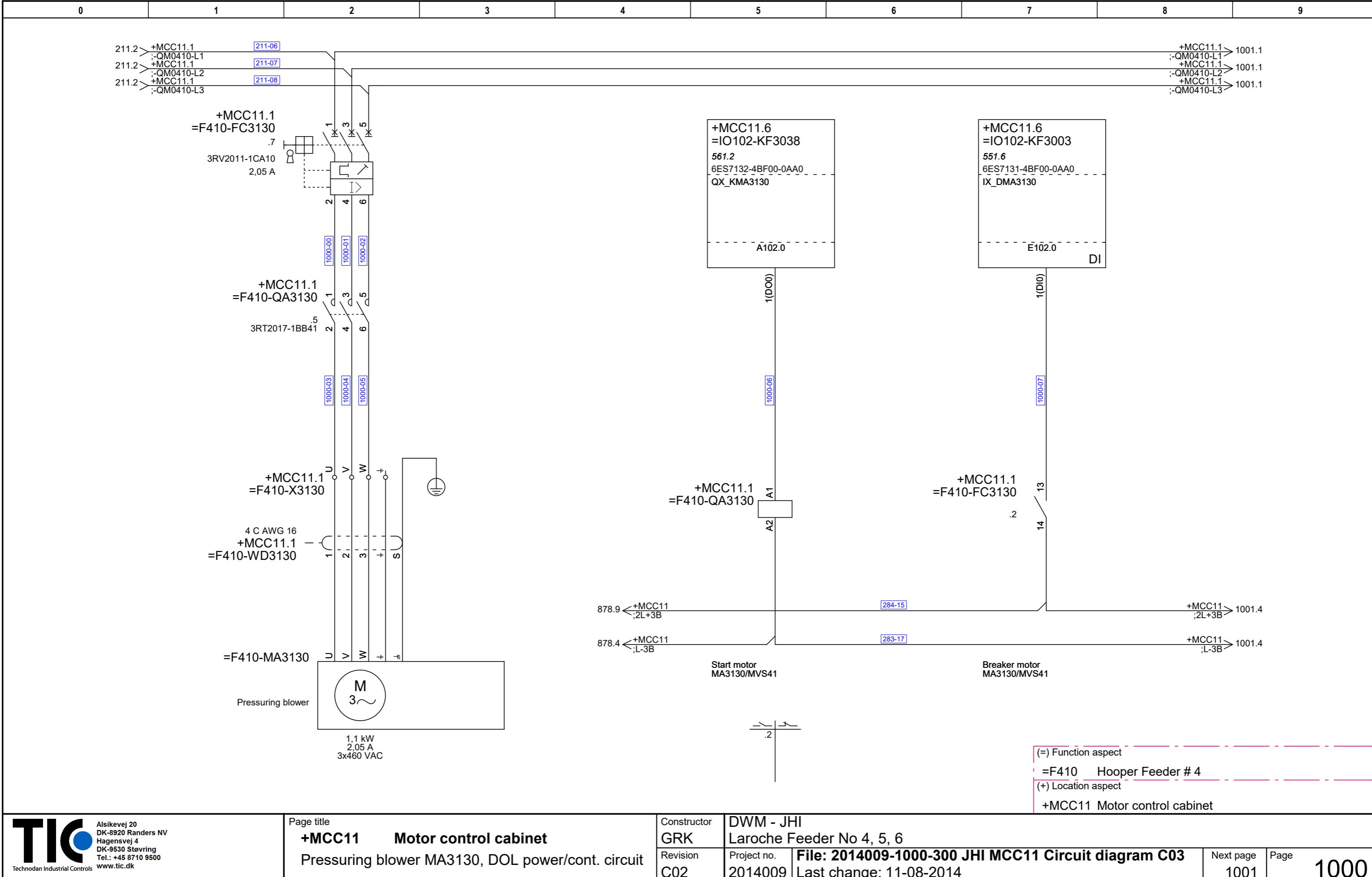


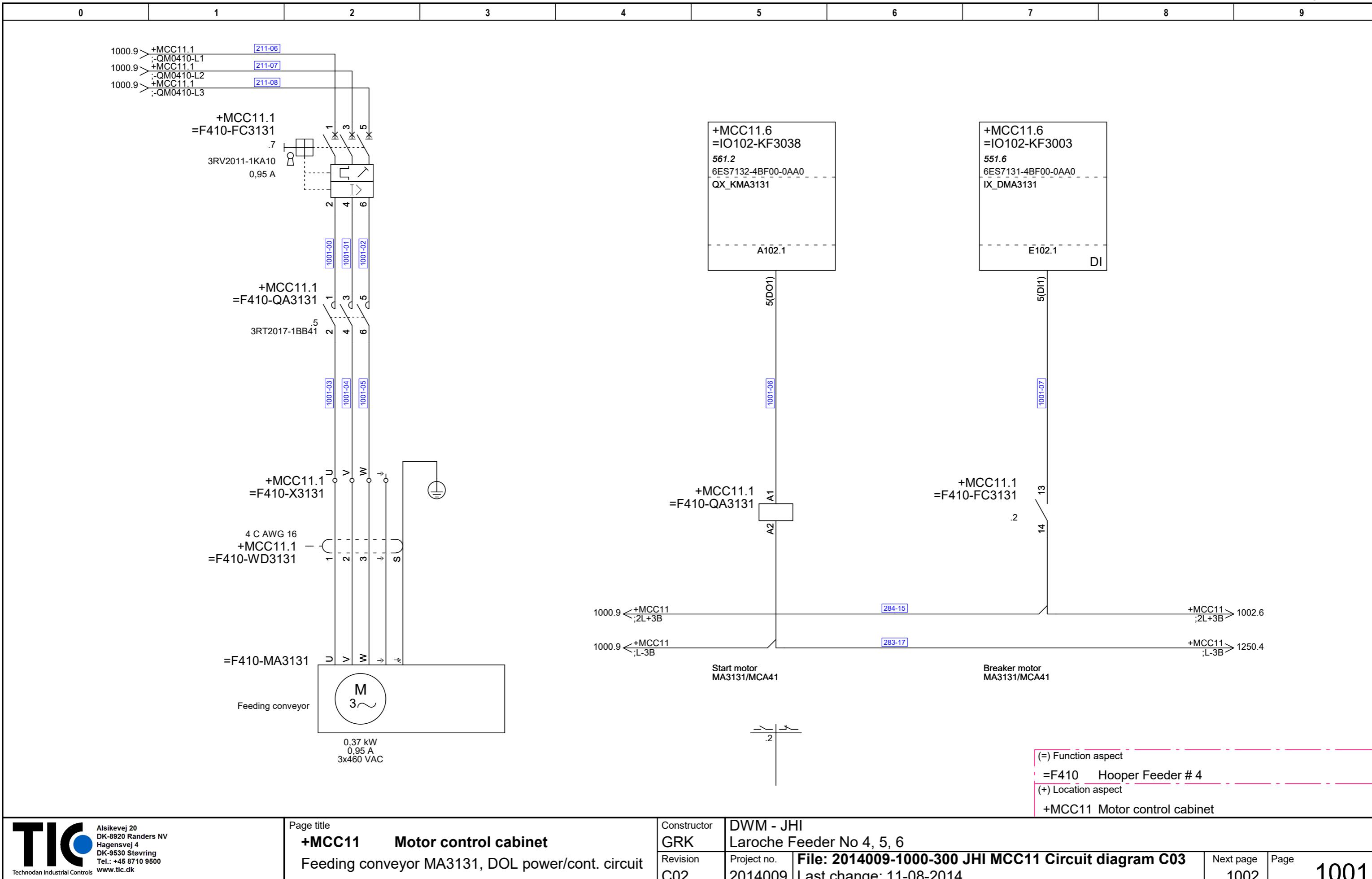
Hooper Feeder # 4

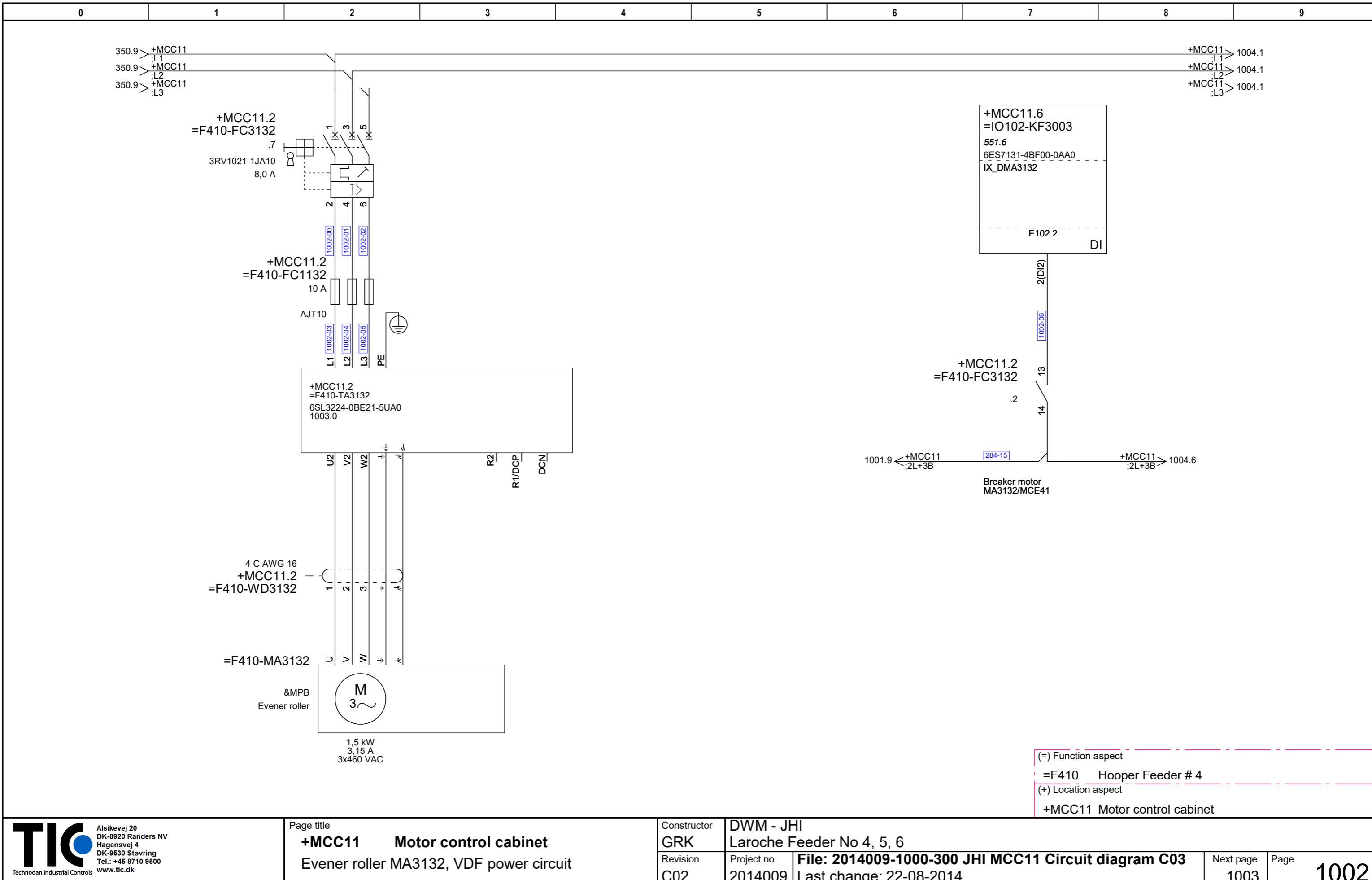


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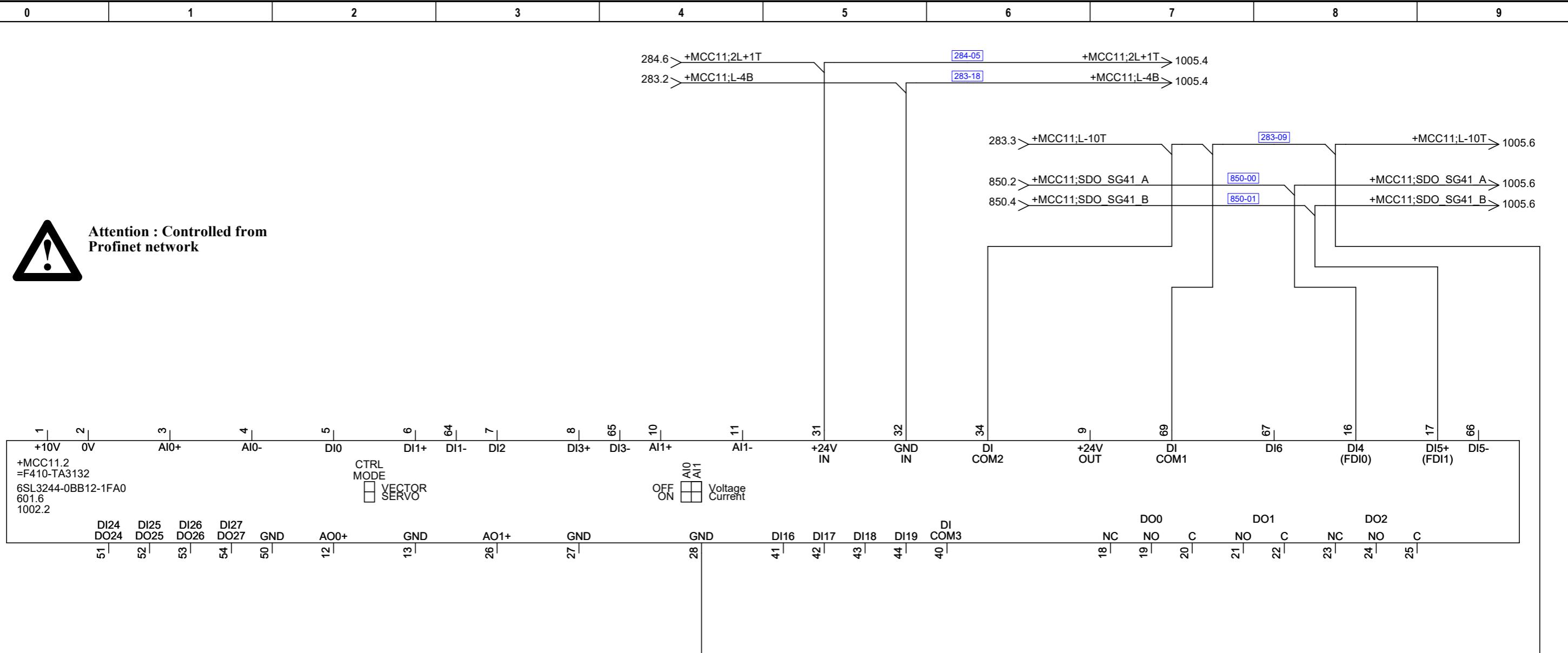


(=) Function aspect

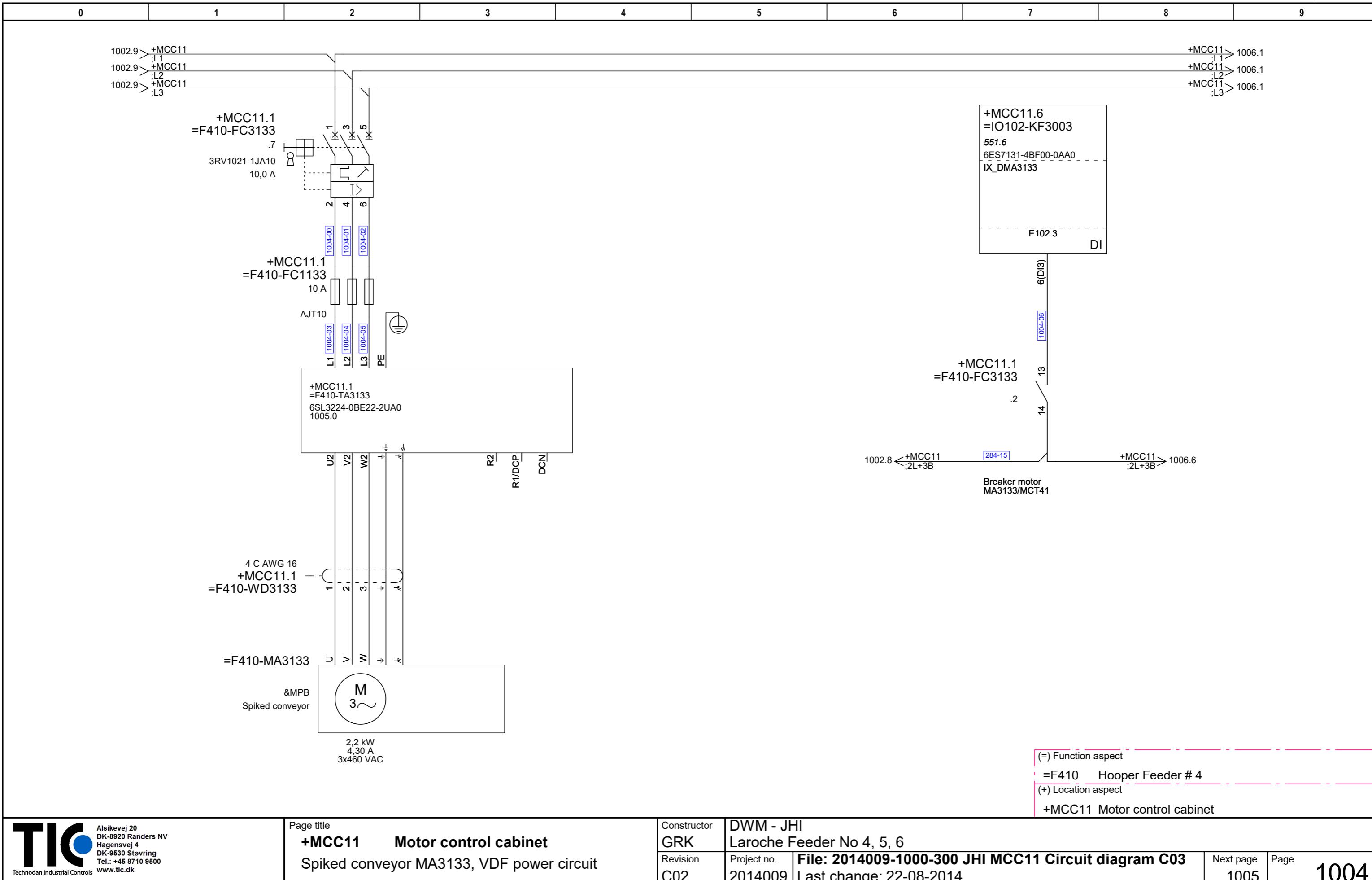
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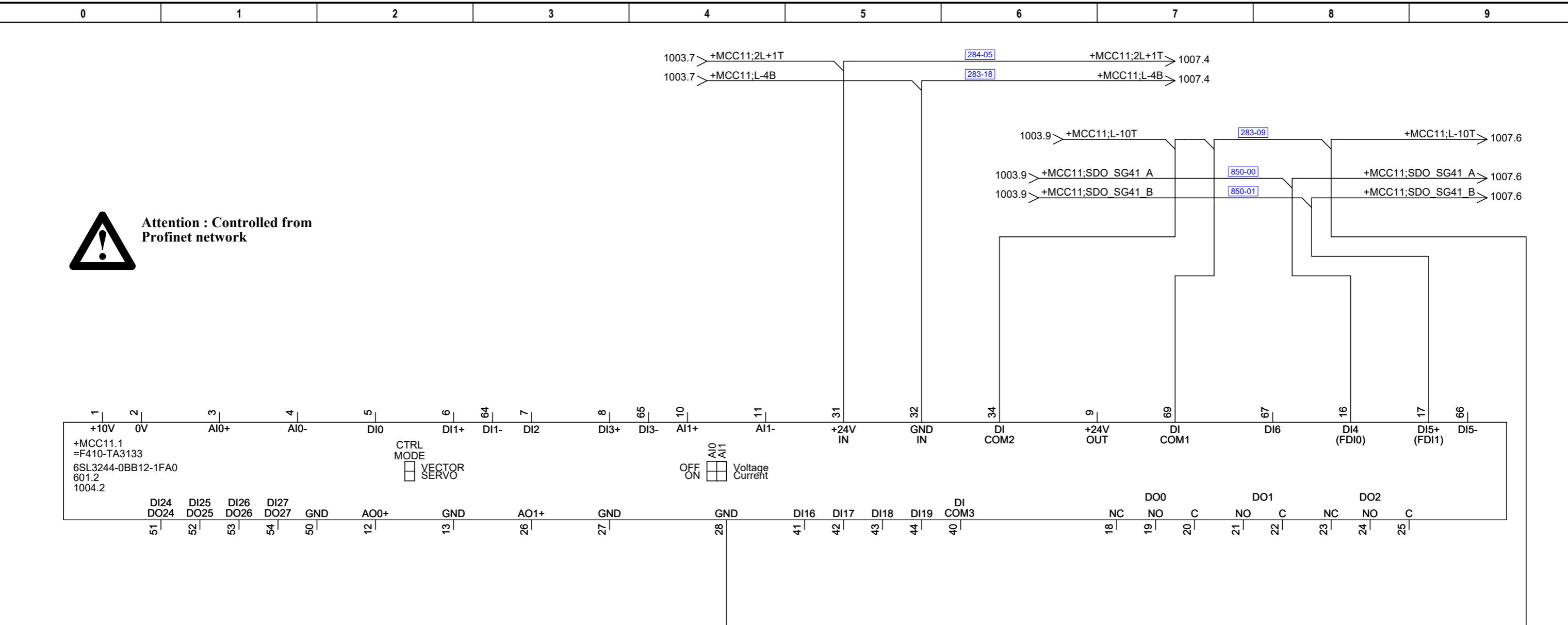
(+) Location aspect

+MCC11 Motor control cabinet

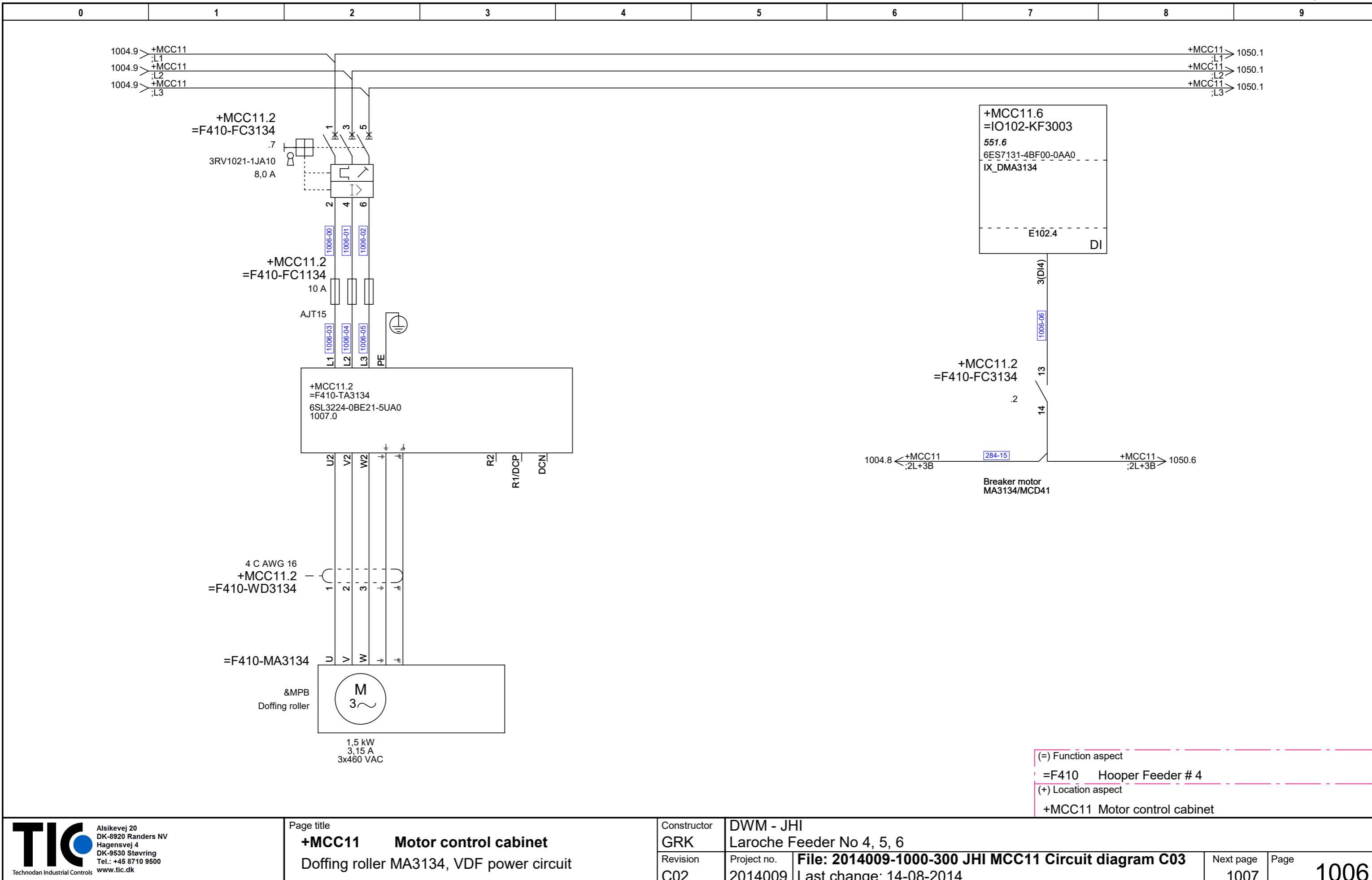


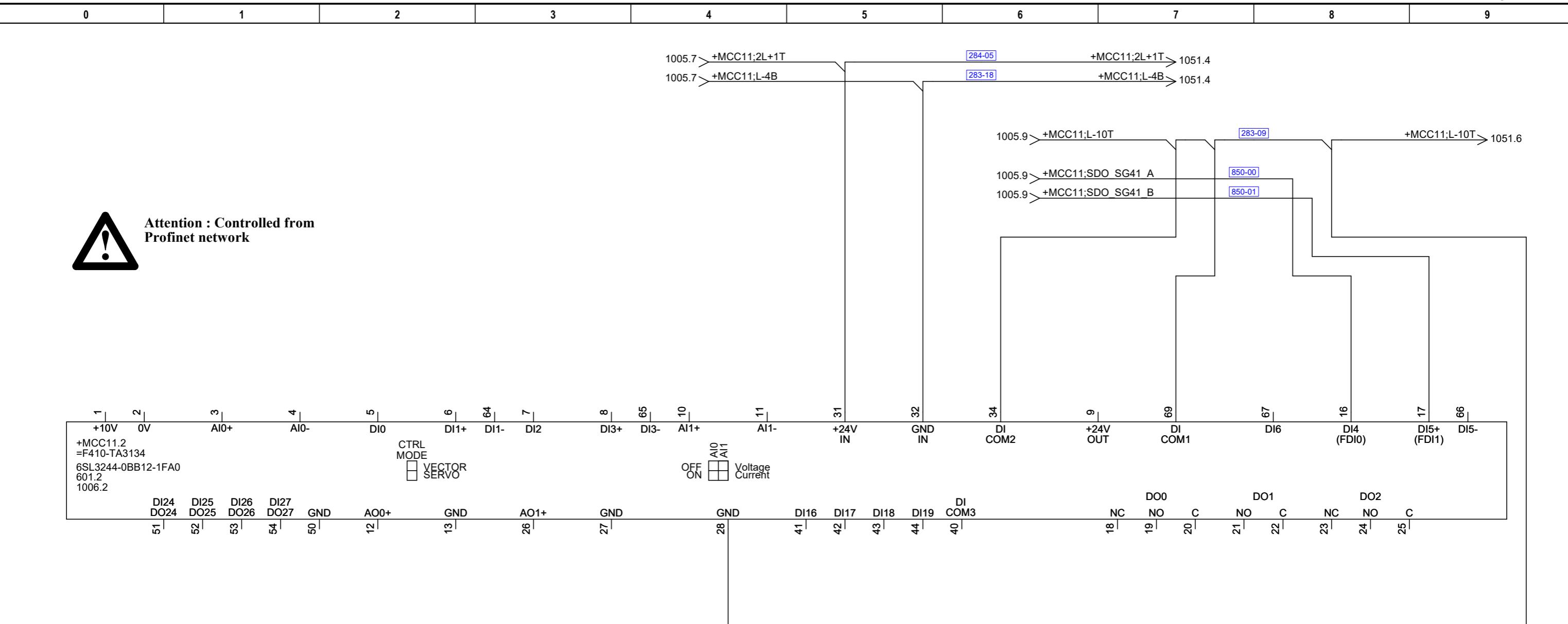
- (=) Function aspect
 - =F410 Hooper Feeder # 4
- (+) Location aspect
 - +MCC11 Motor control cabinet



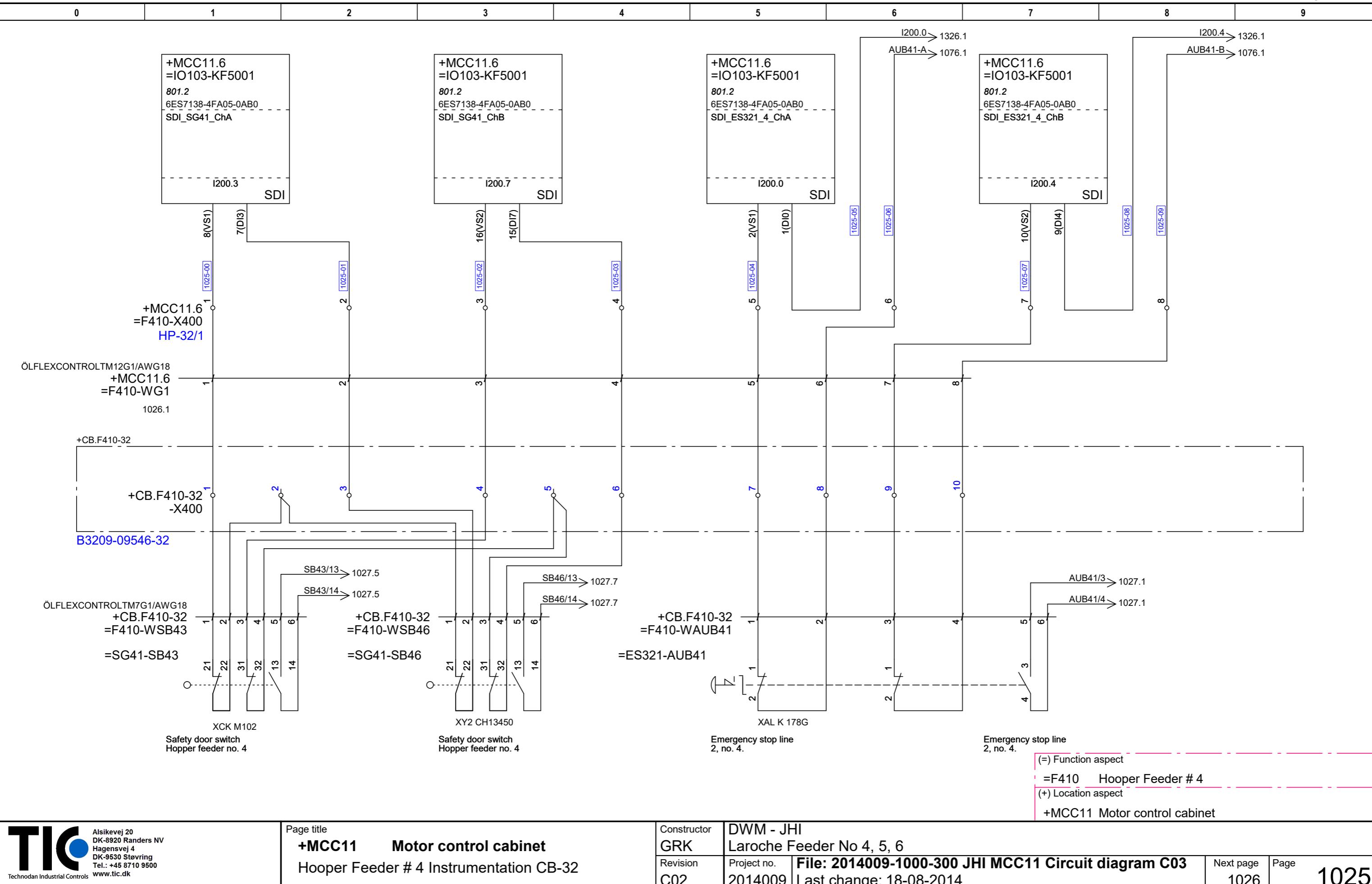


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 (+) Location aspect
 +MCC11 Motor control cabinet

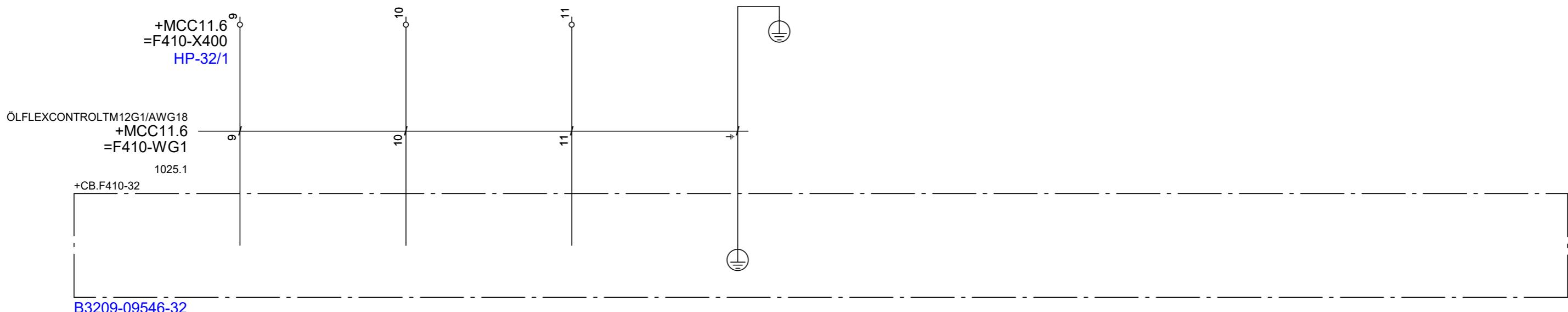




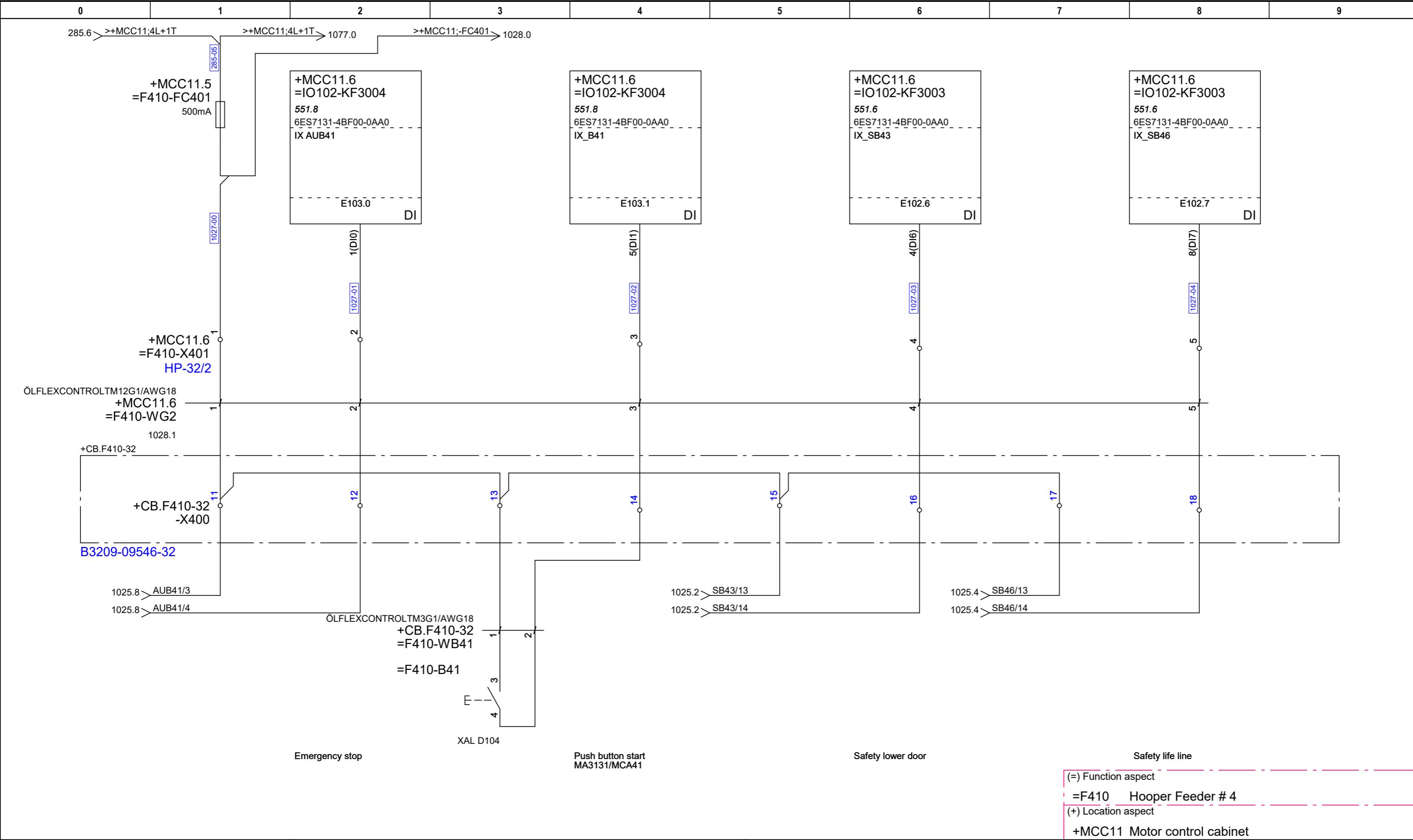
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 (+) Location aspect
 +MCC11 Motor control cabinet

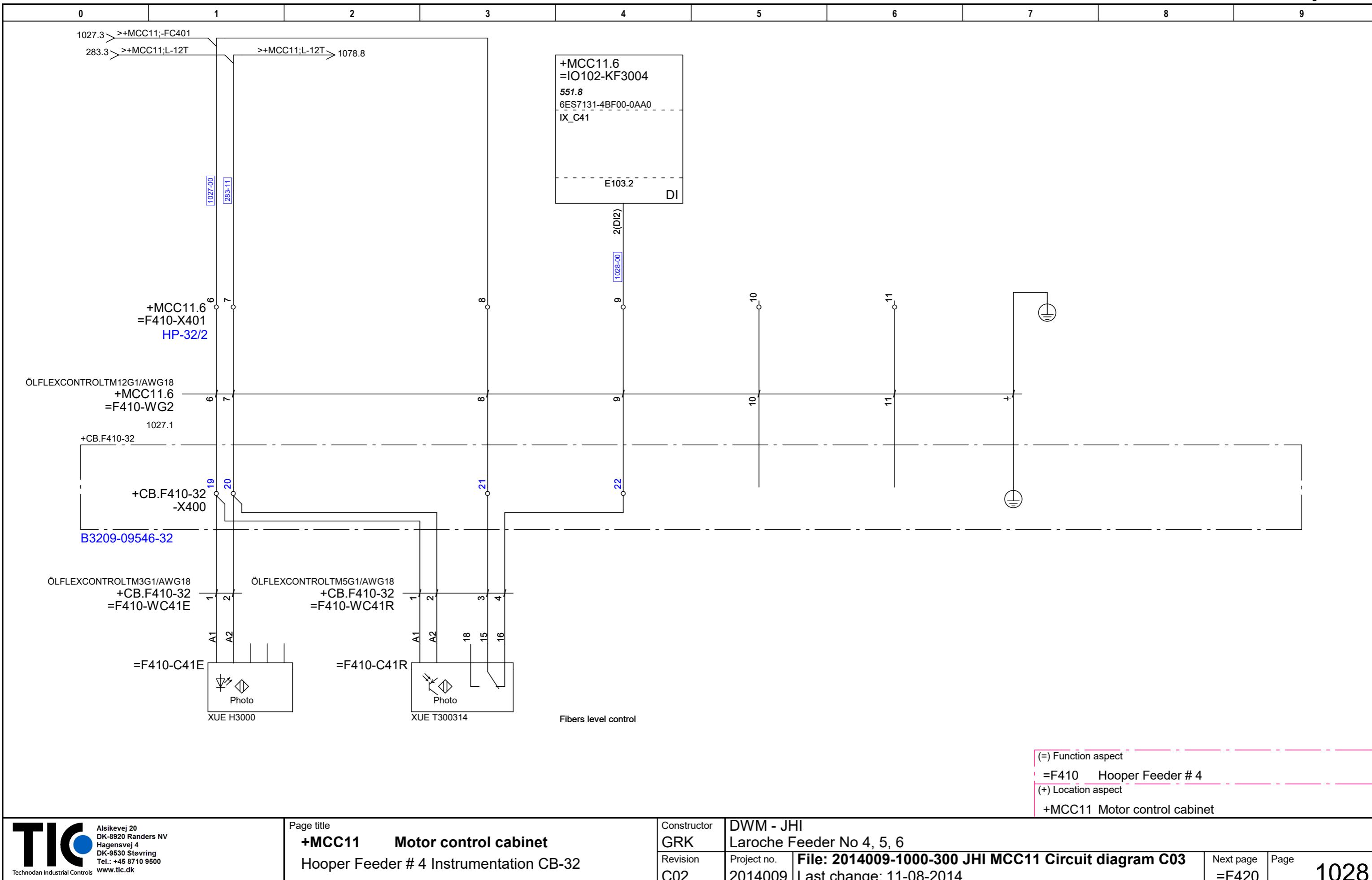


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(=) Function aspect
 =F410 Hooper Feeder # 4
 (+) Location aspect
 +MCC11 Motor control cabinet



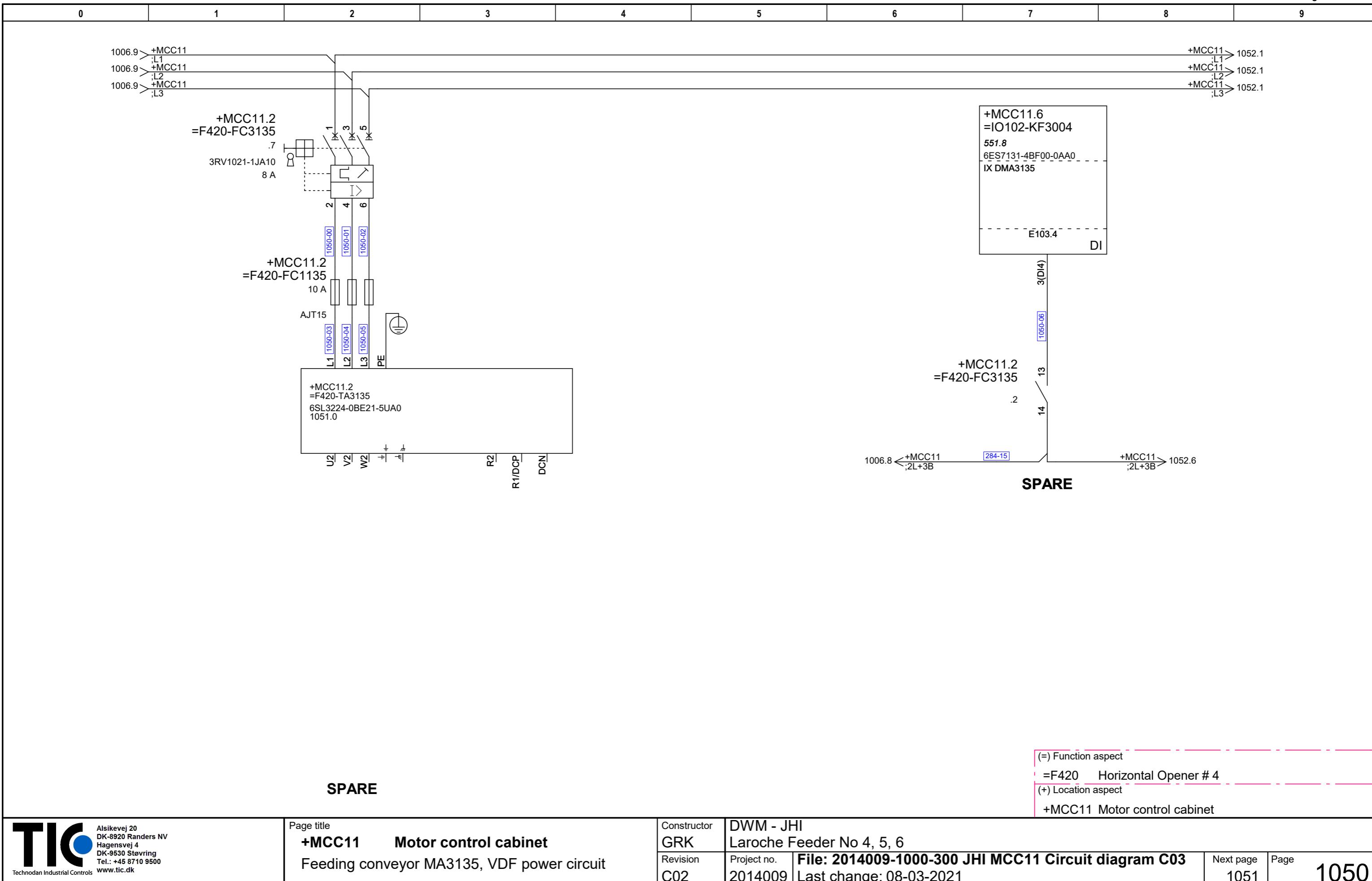


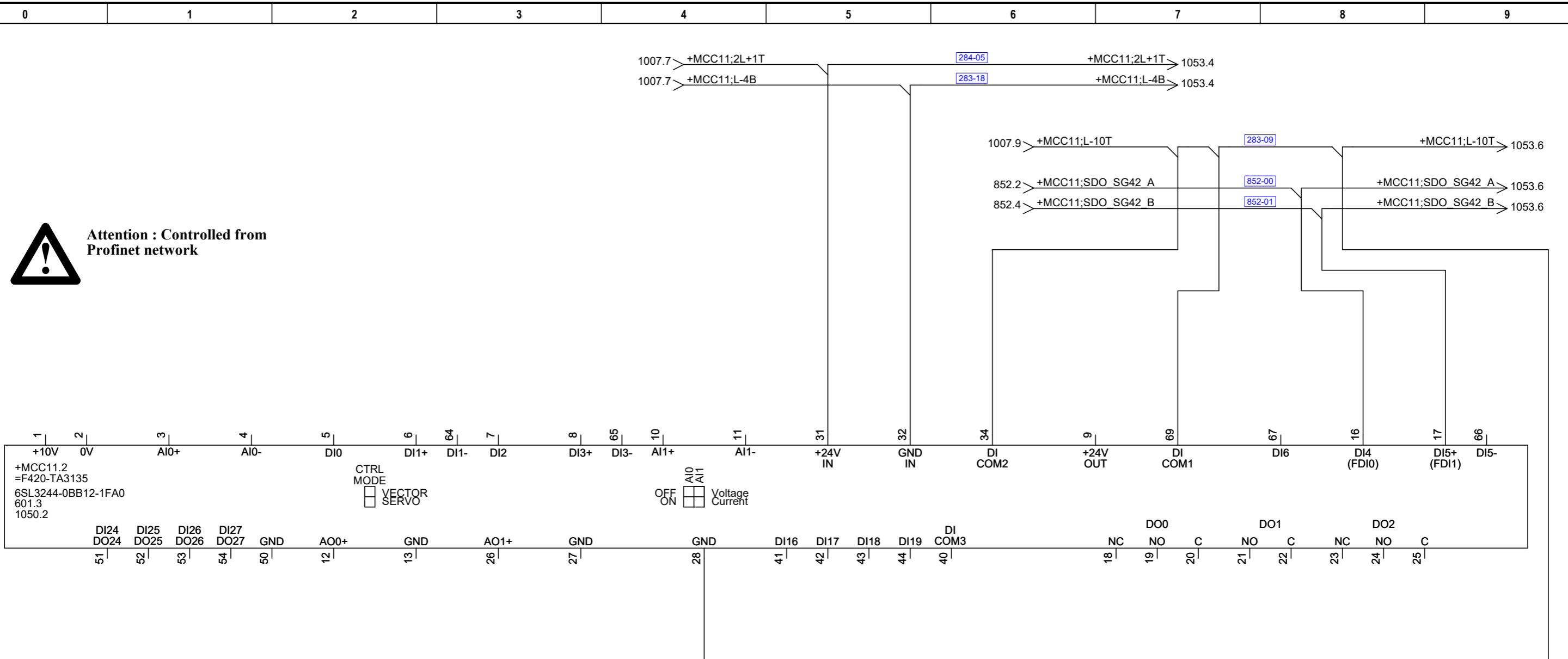
Horizontal Opener # 4



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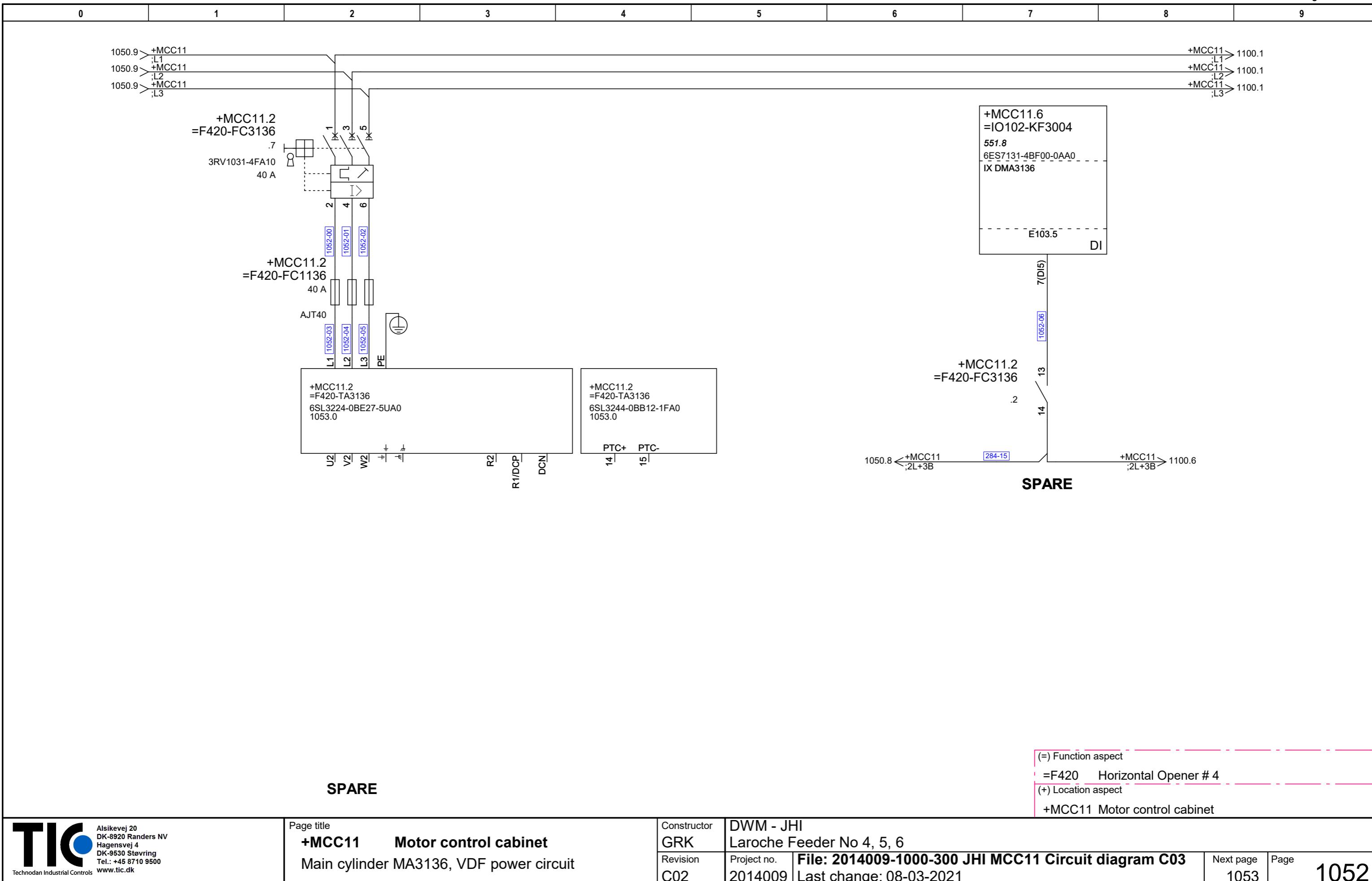
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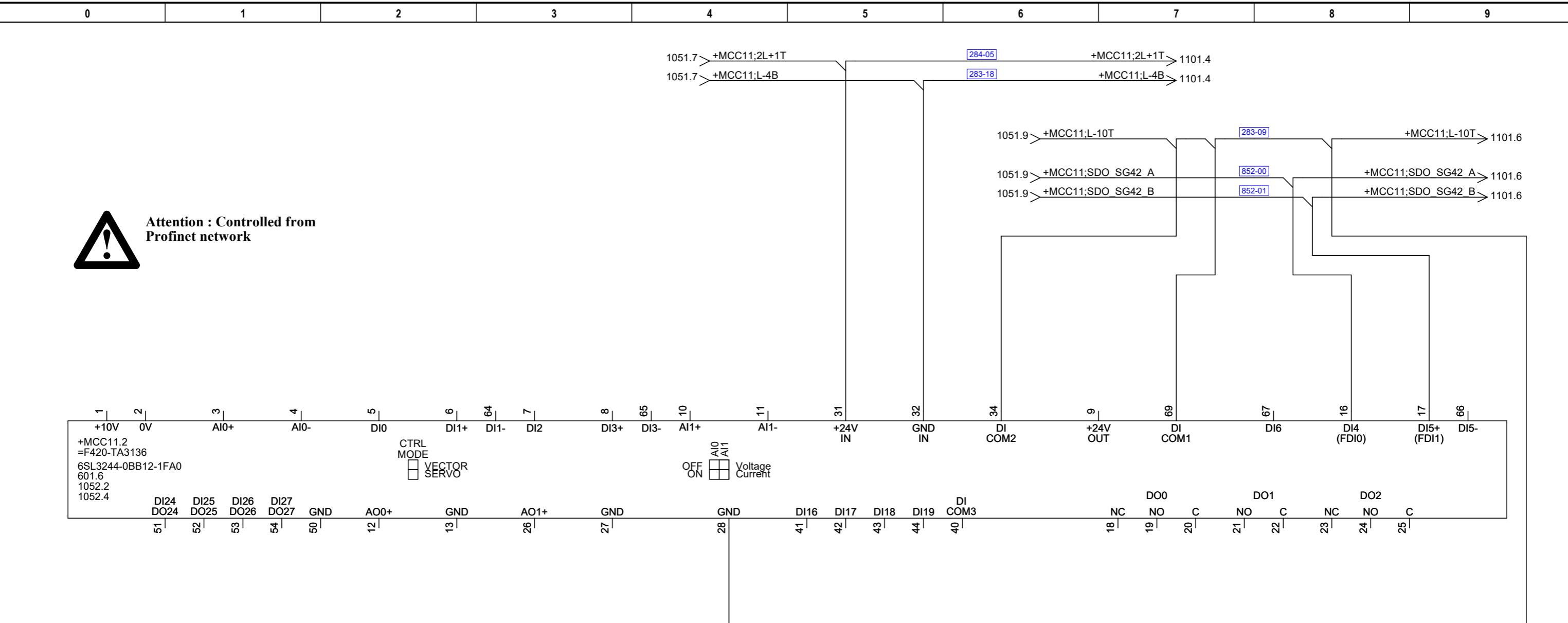




SPARE

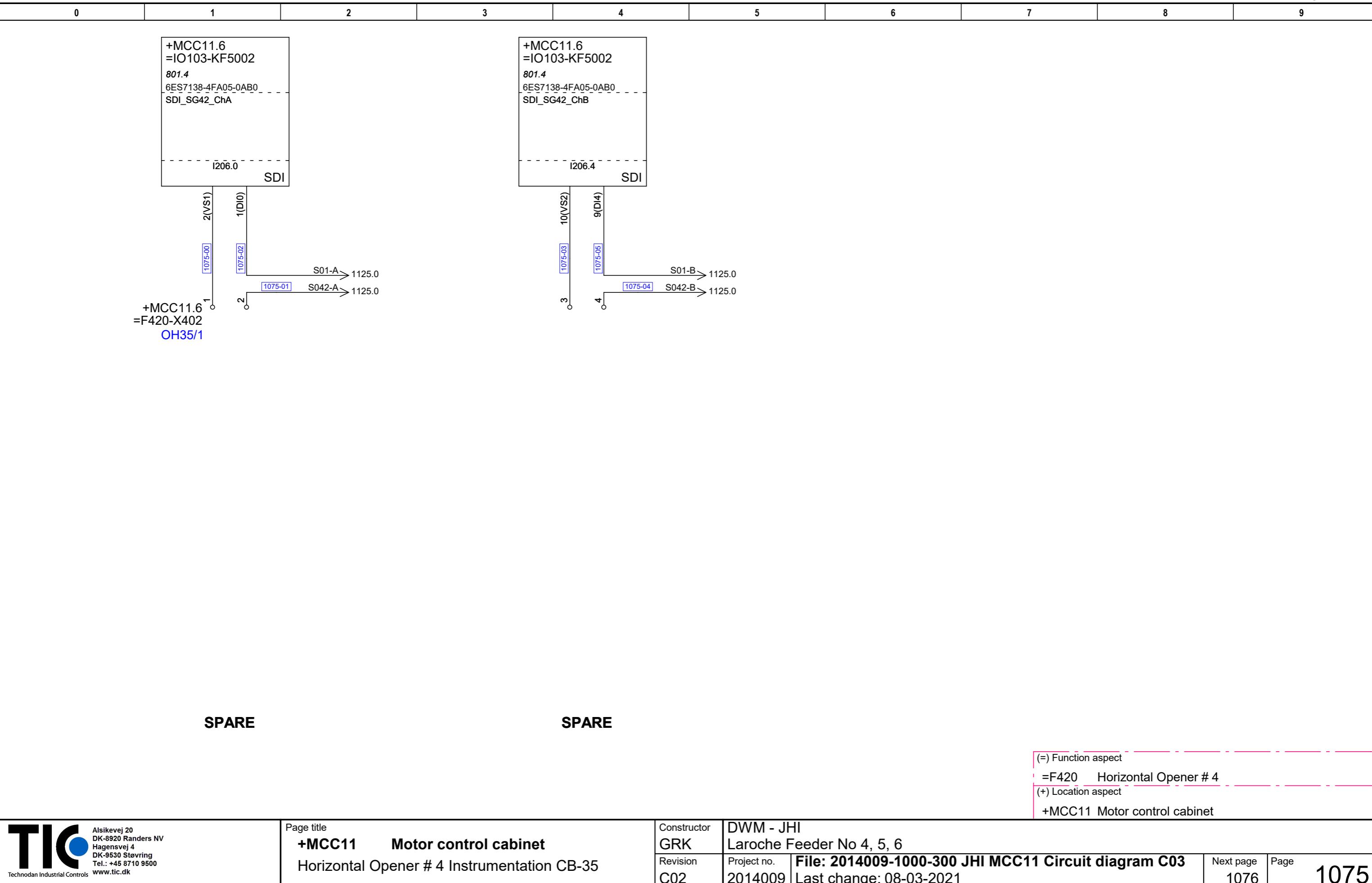
- (=) Function aspect
- =F420 Horizontal Opener # 4
- (+) Location aspect
- +MCC11 Motor control cabinet

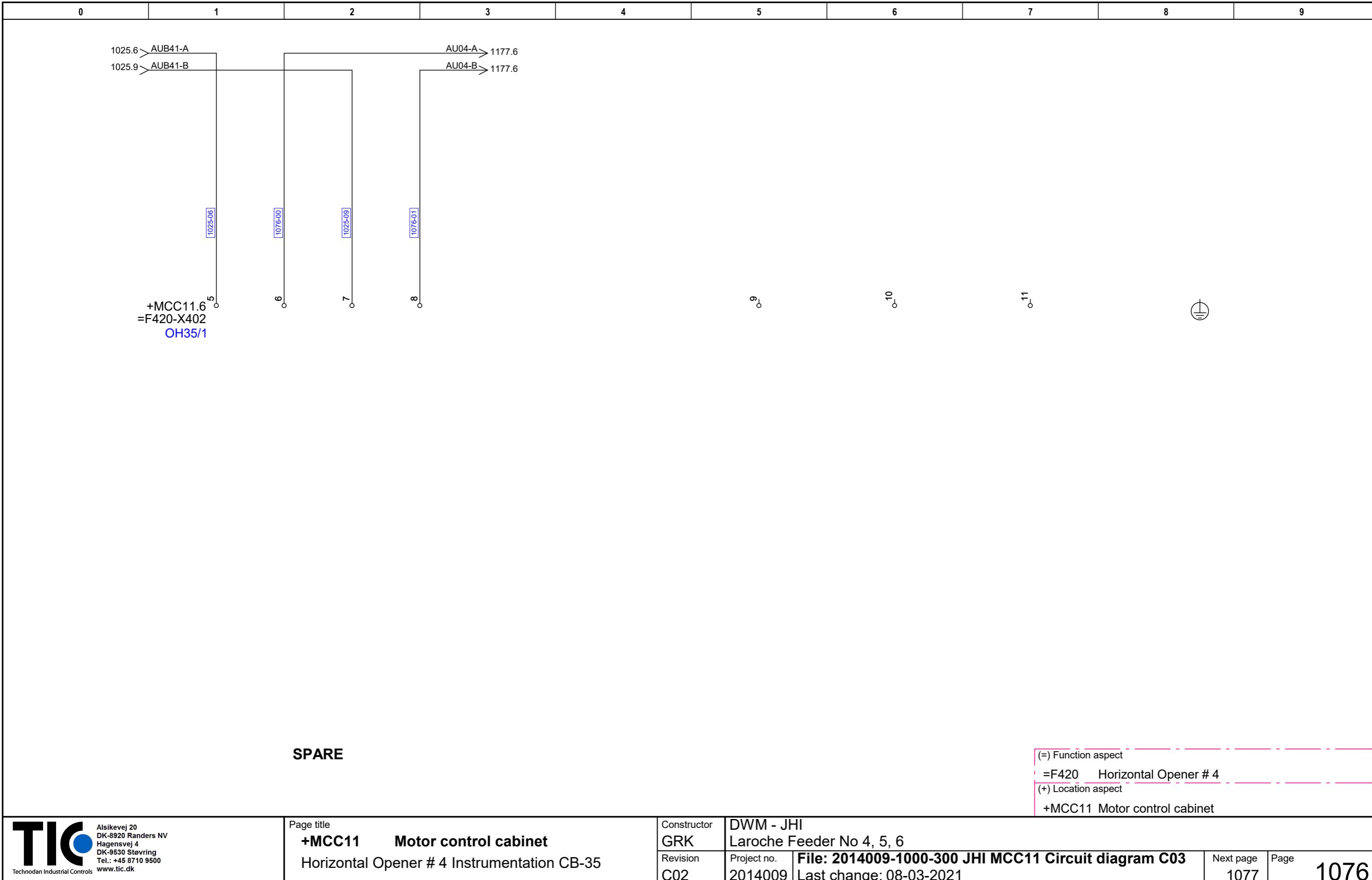


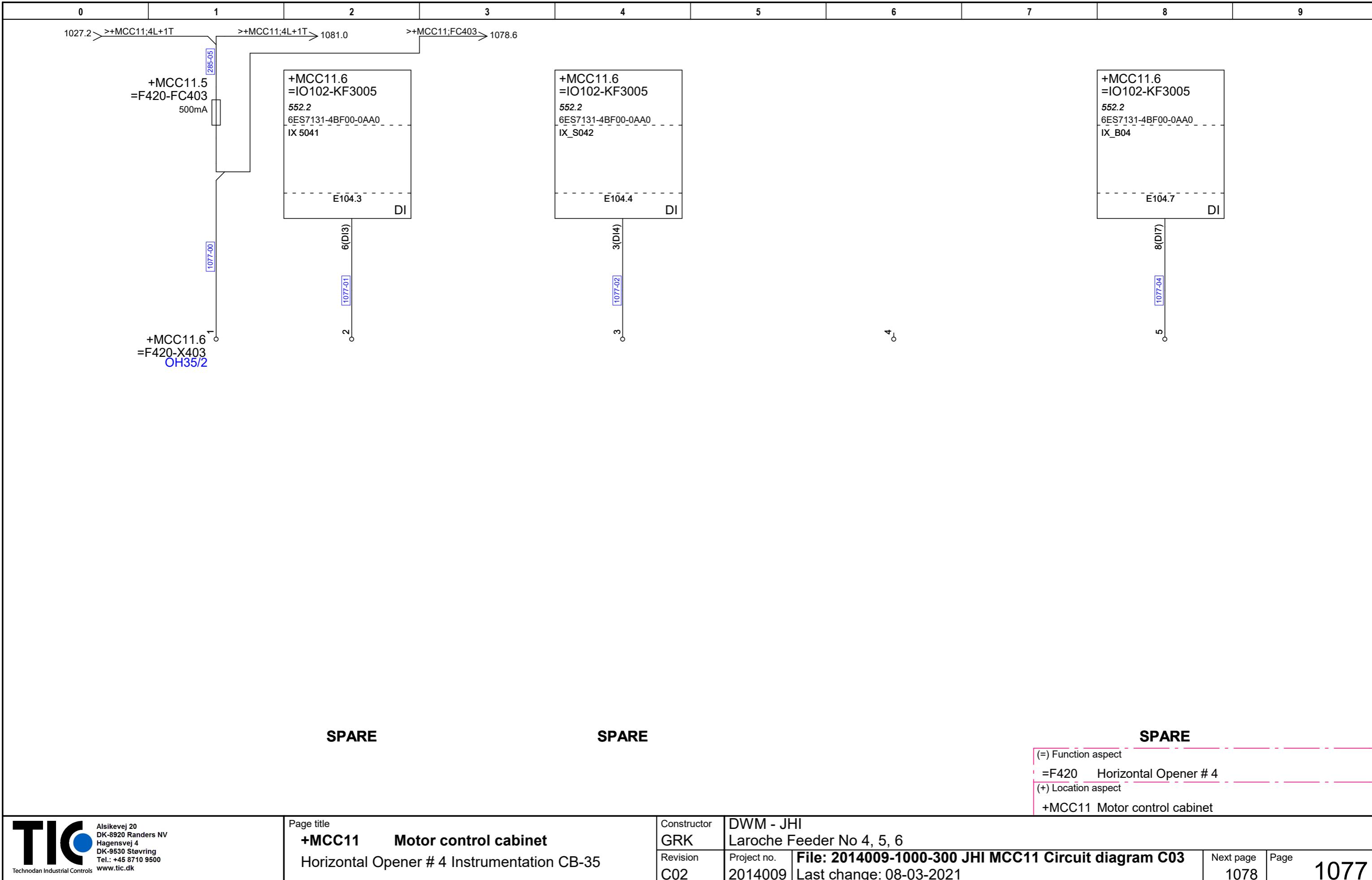


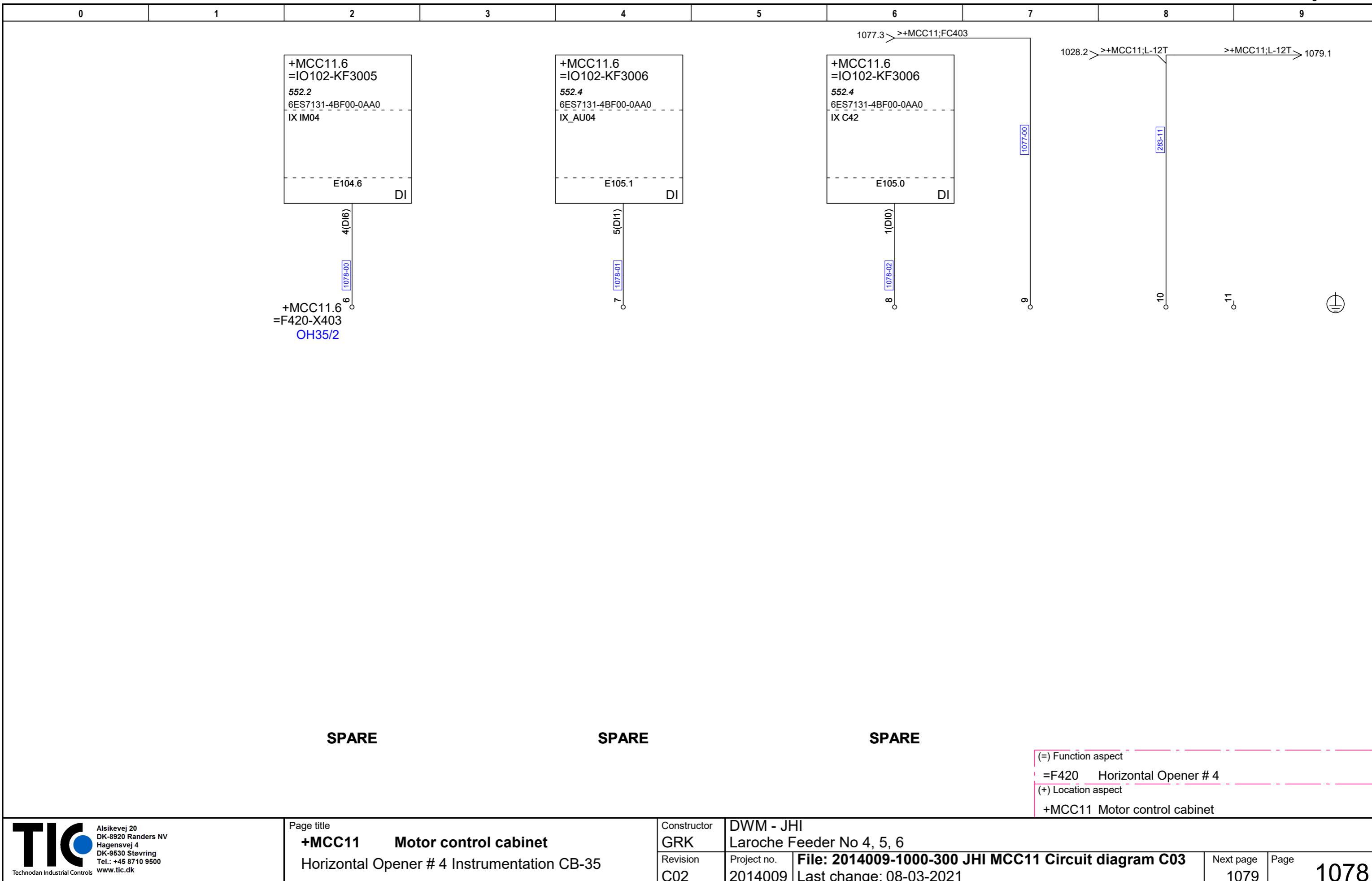
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(=) Function aspect
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 (+) Location aspect
 +MCC11 Motor control cabinet

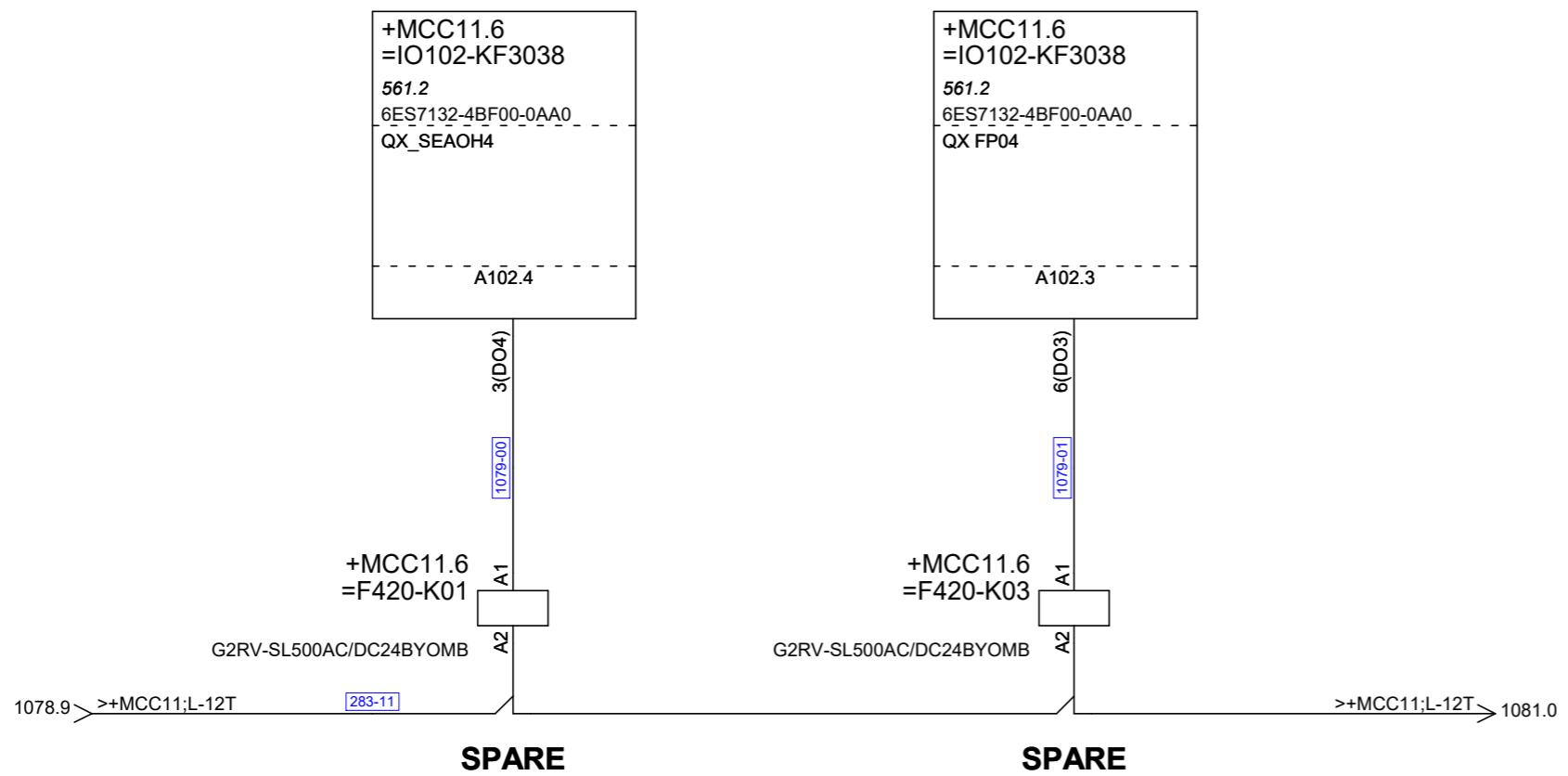








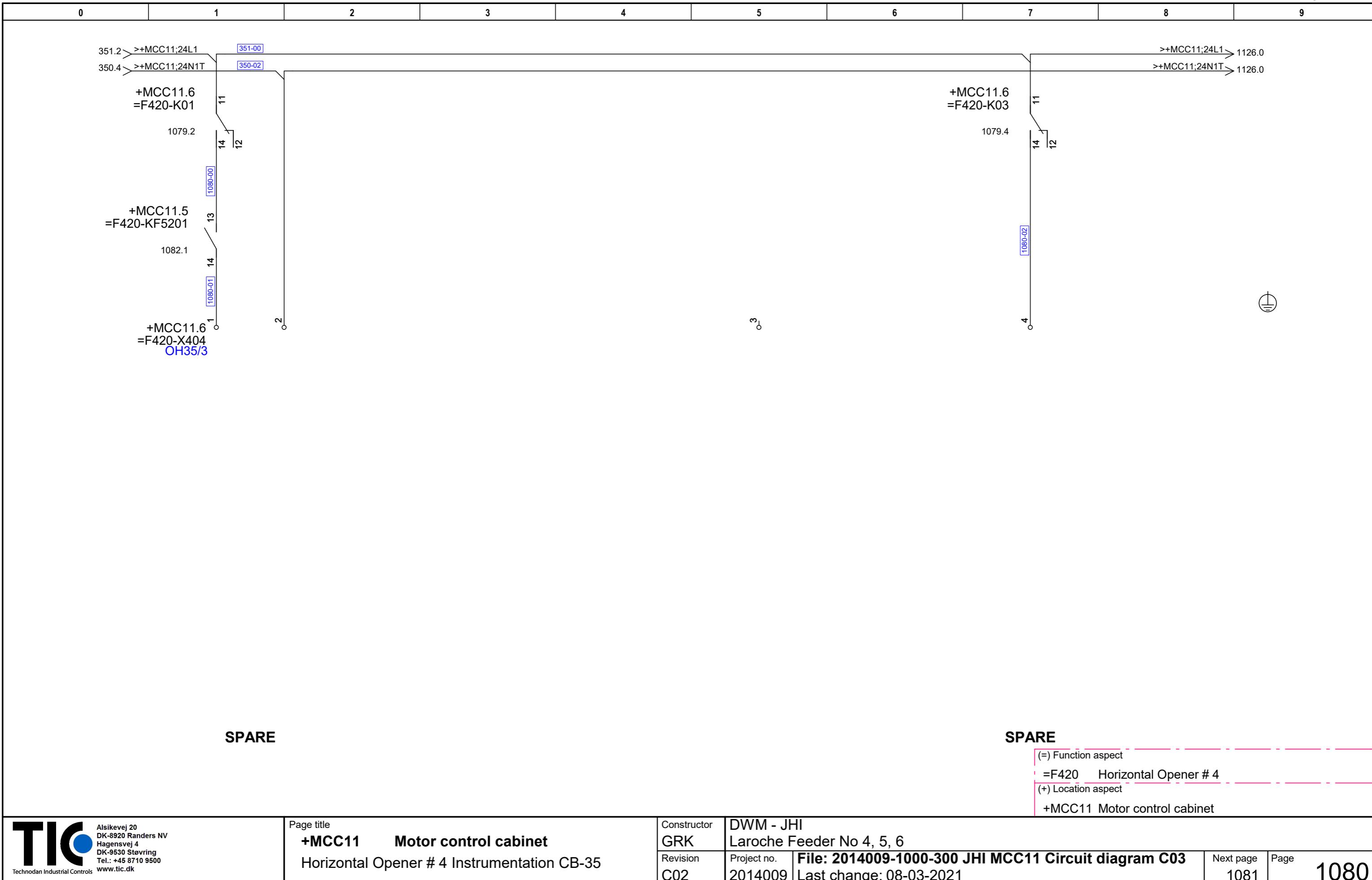
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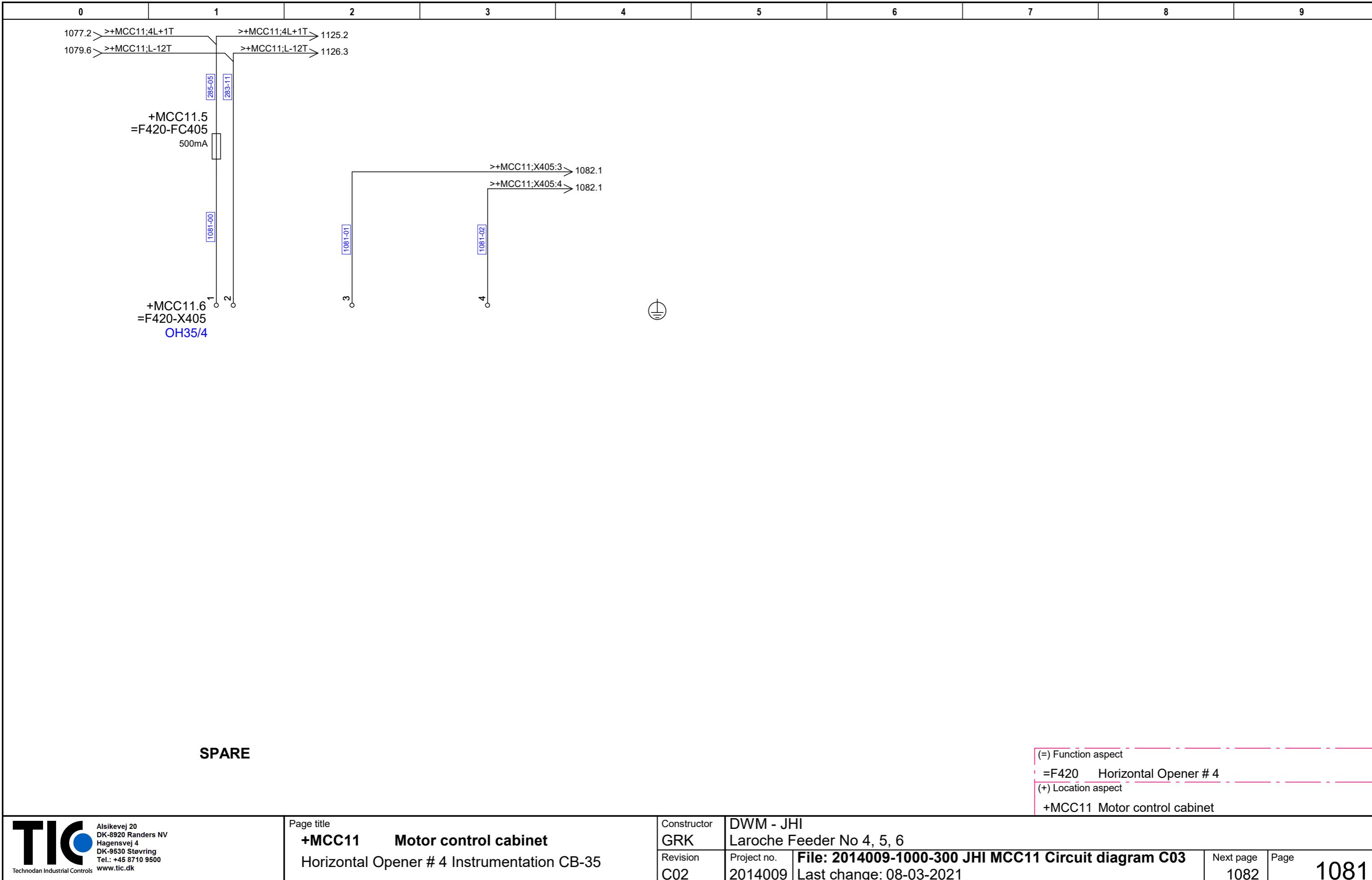


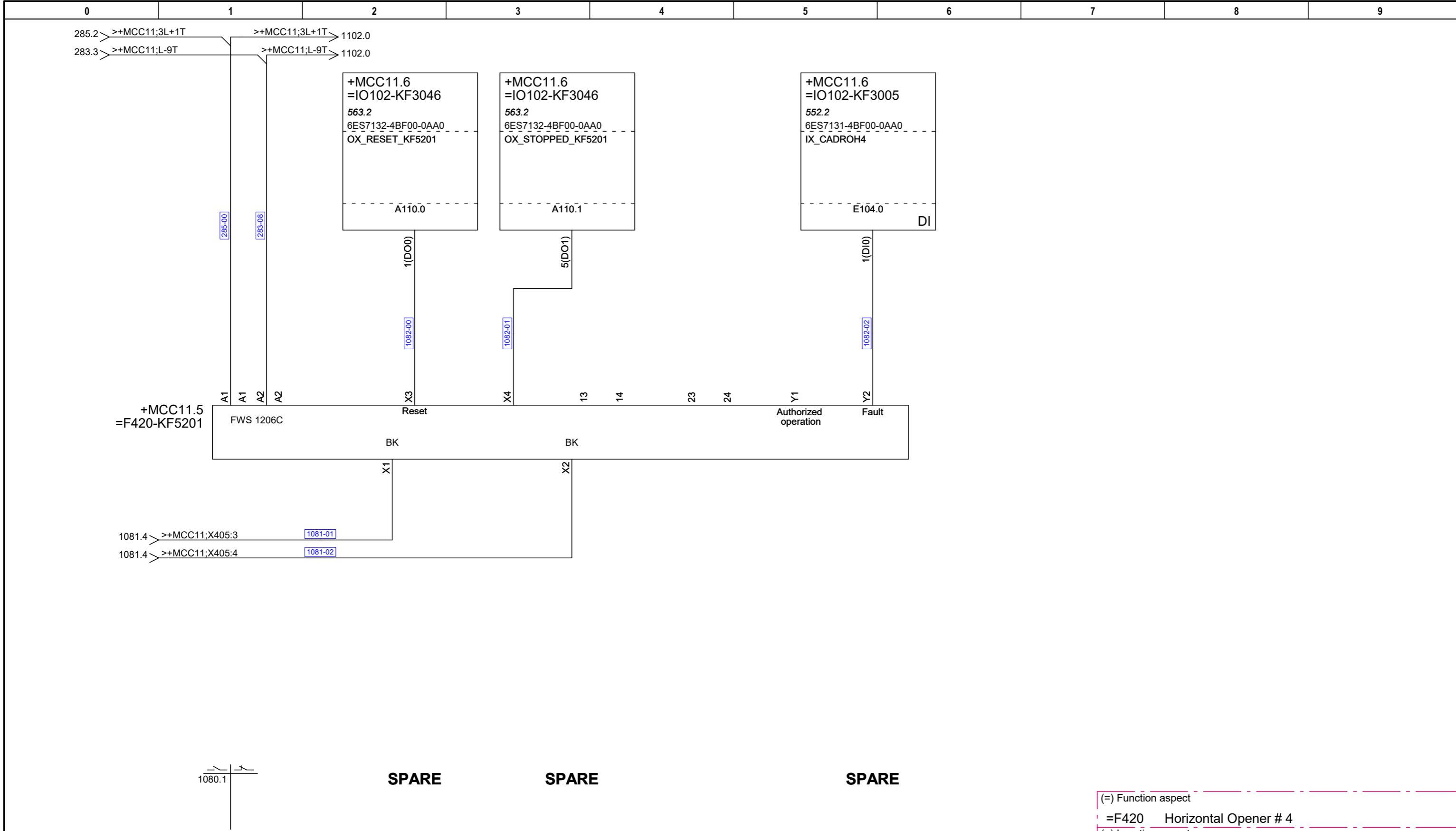
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(=) Function aspect
 =F420 Horizontal Opener # 4
 (+) Location aspect
 +MCC11 Motor control cabinet







1080.1

SPARE

SPARE

SPARE

(=) Function aspect

=F420 Horizontal Opener # 4

(+) Location aspect

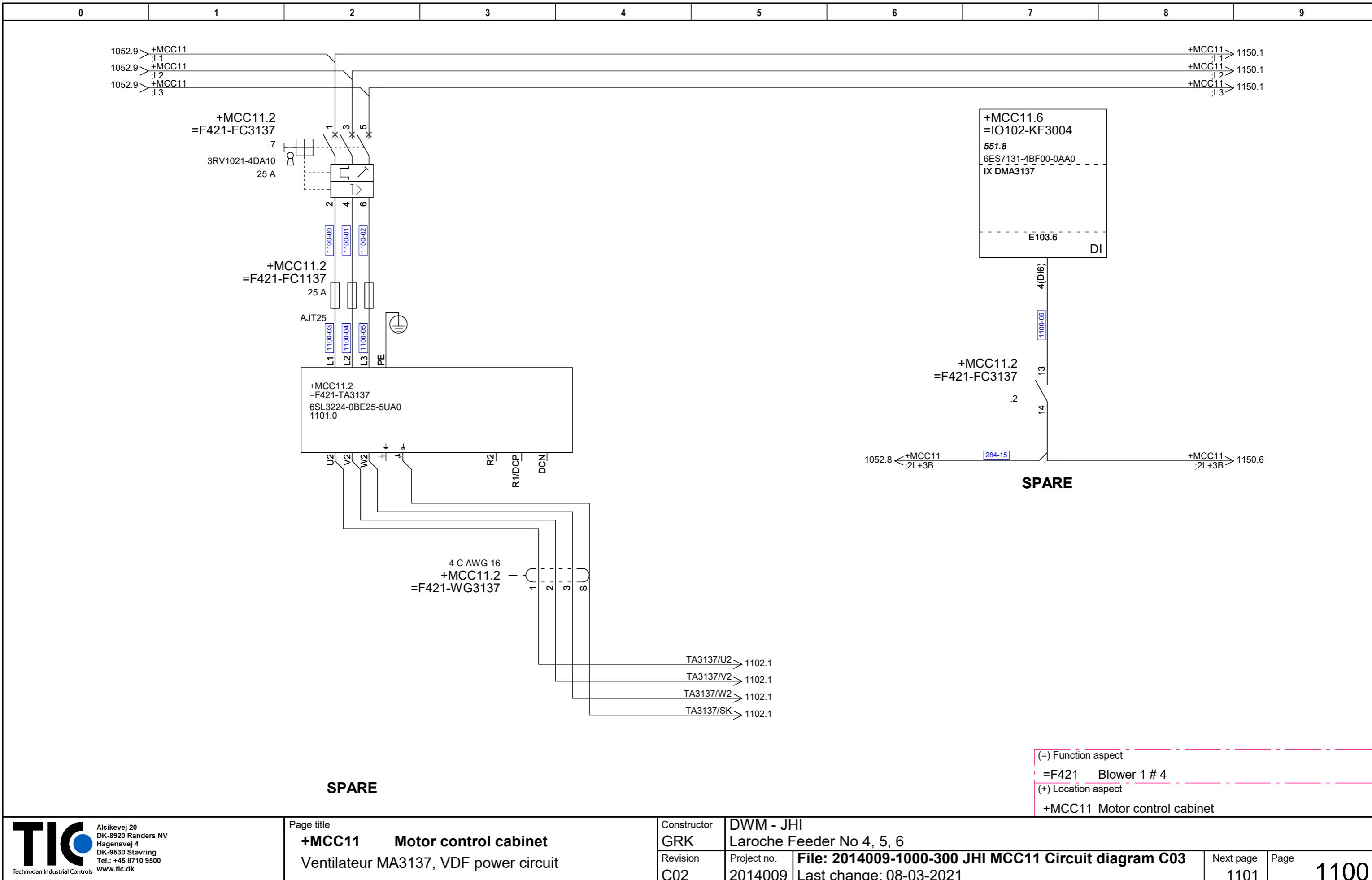
+MCC11 Motor control cabinet

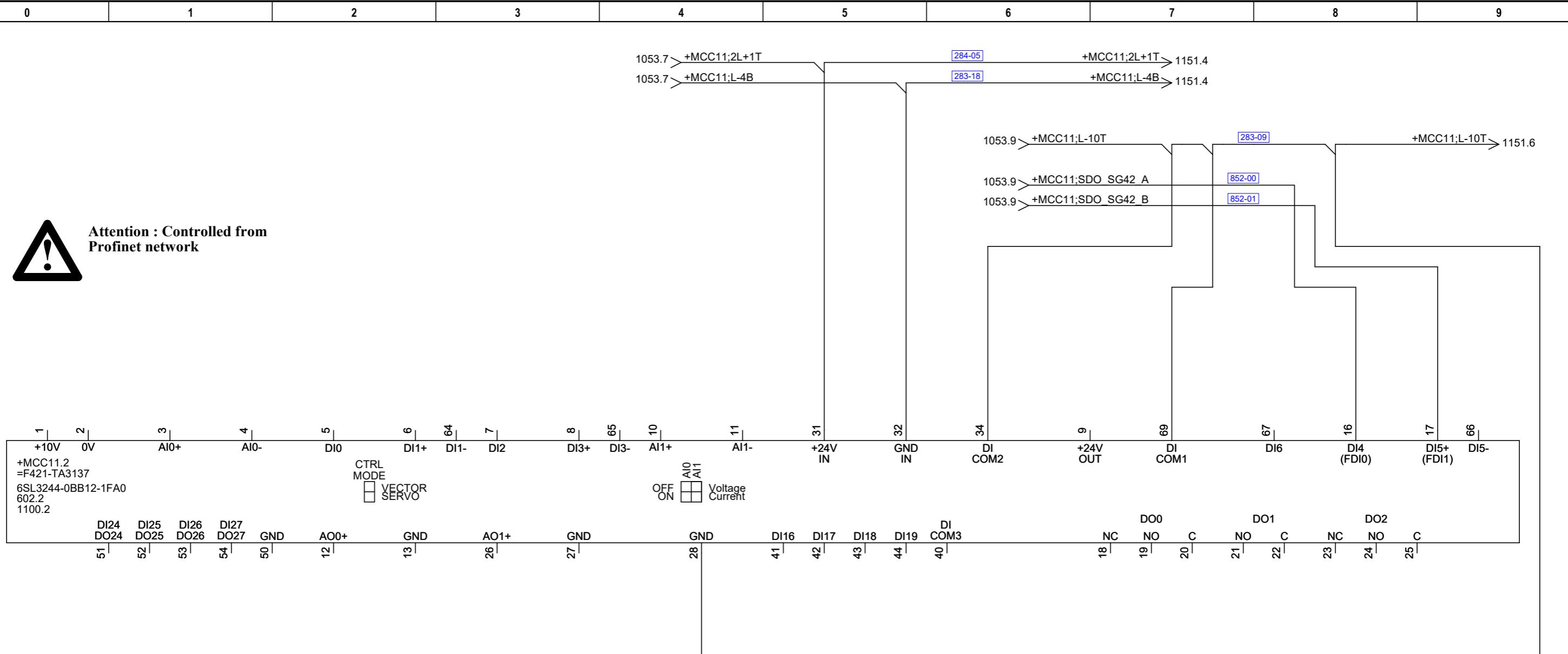
Blower 1 # 4



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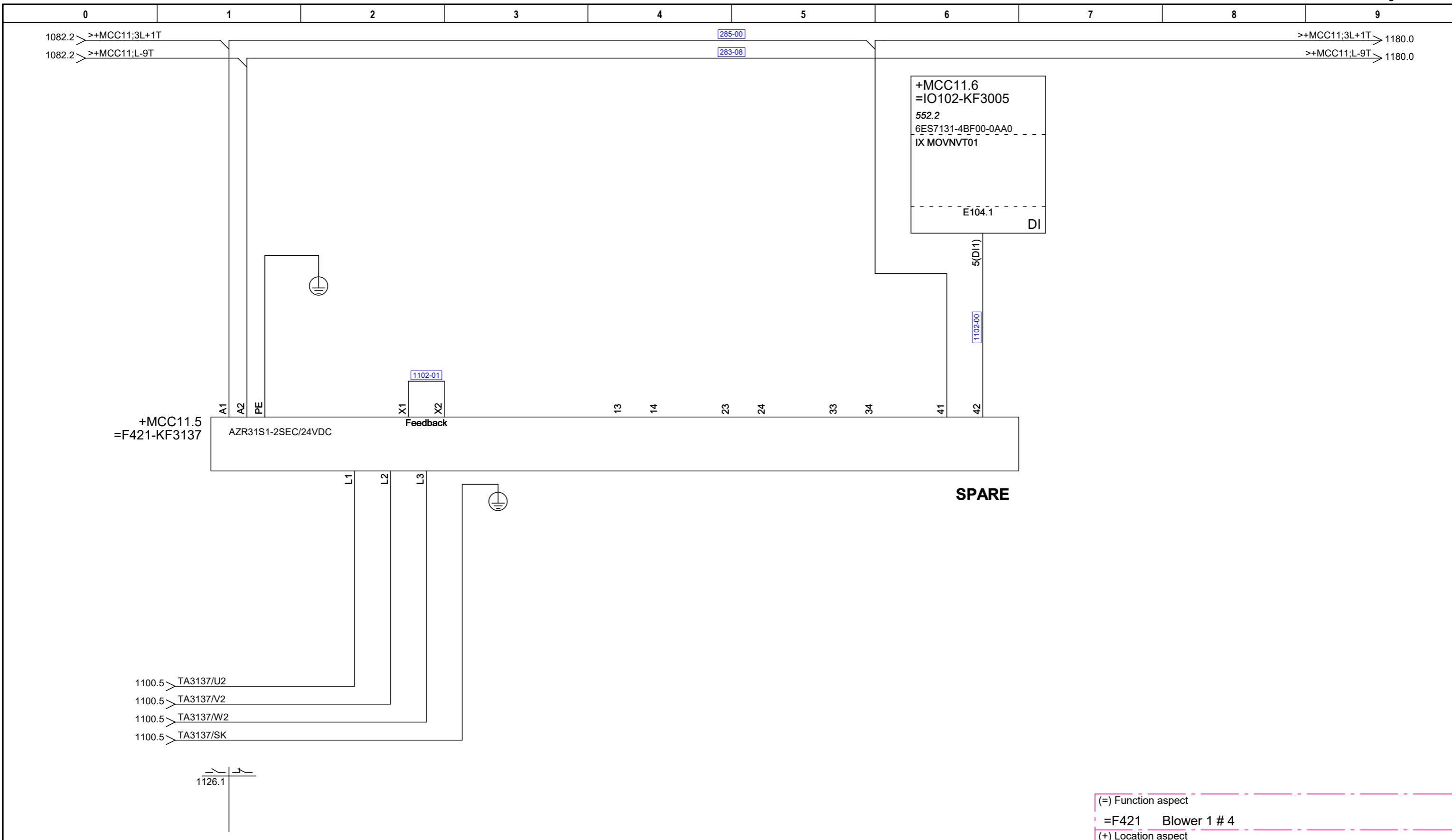
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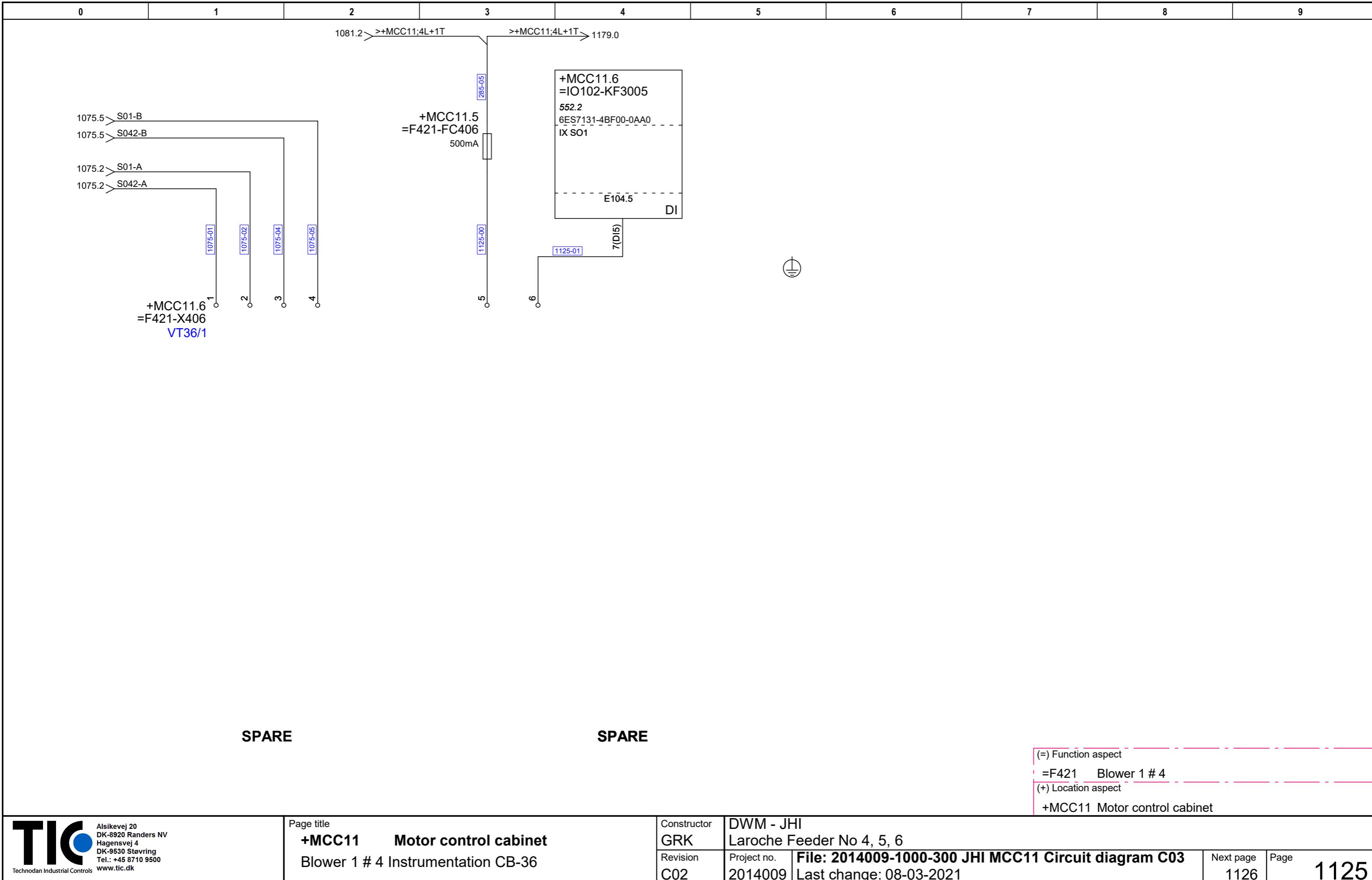


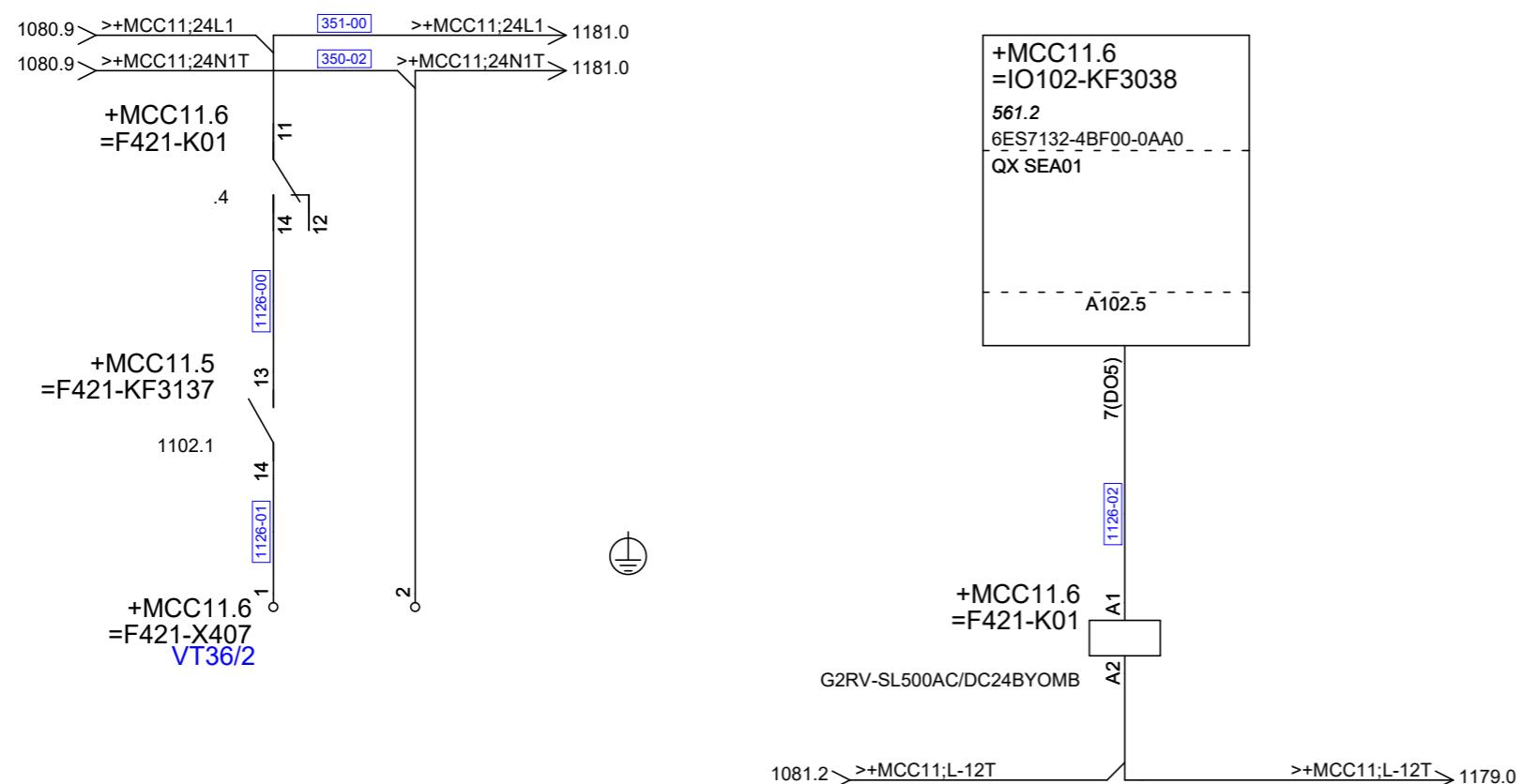


SPARE

- (=) Function aspect
 - =F421 Blower 1 # 4
- (+) Location aspect
 - +MCC11 Motor control cabinet

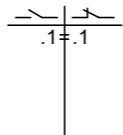






SPARE

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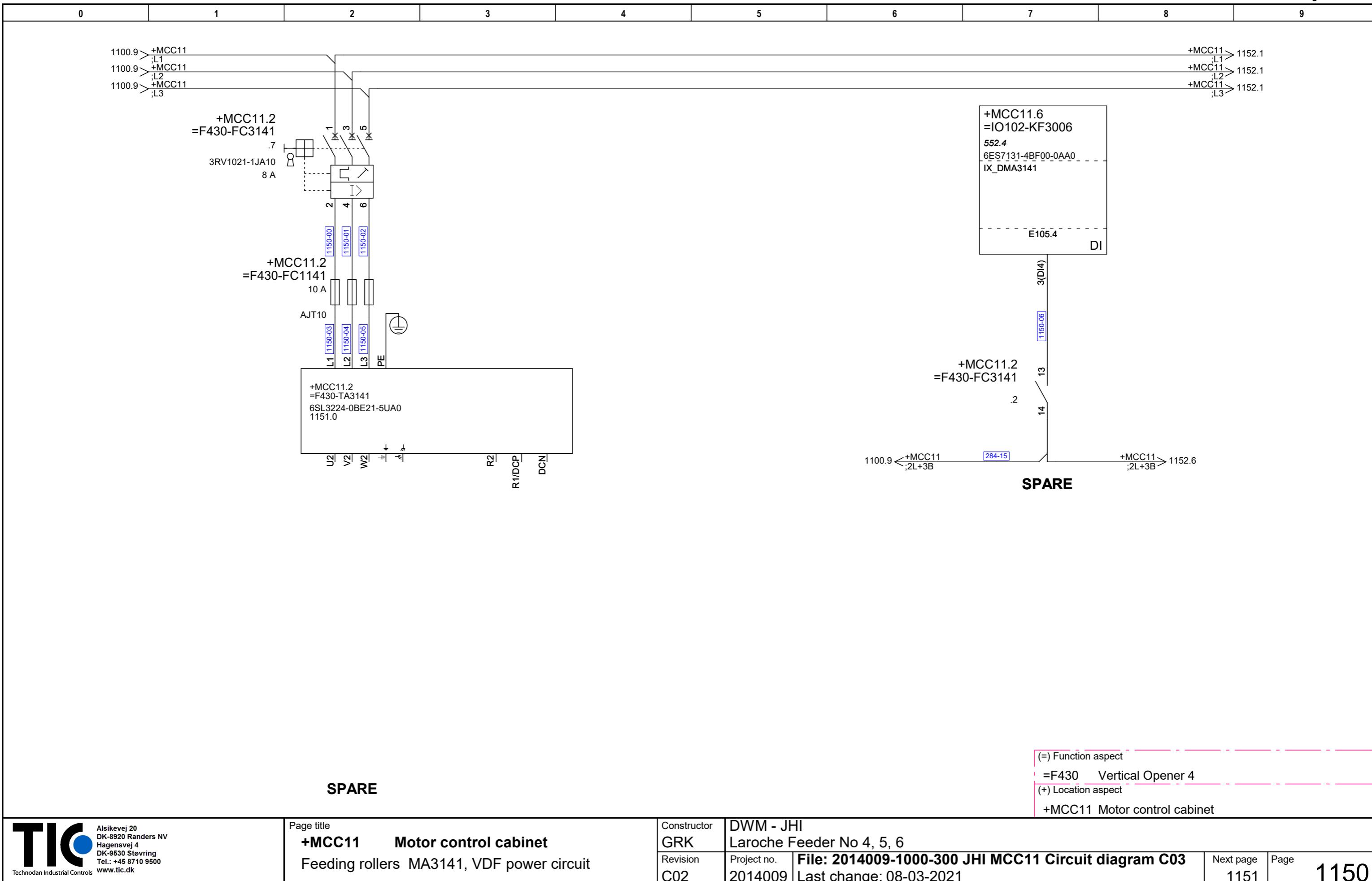
- (=) Function aspect
 - =F421 Blower 1 # 4
 - (+) Location aspect
 - +MCC11 Motor control cabinet

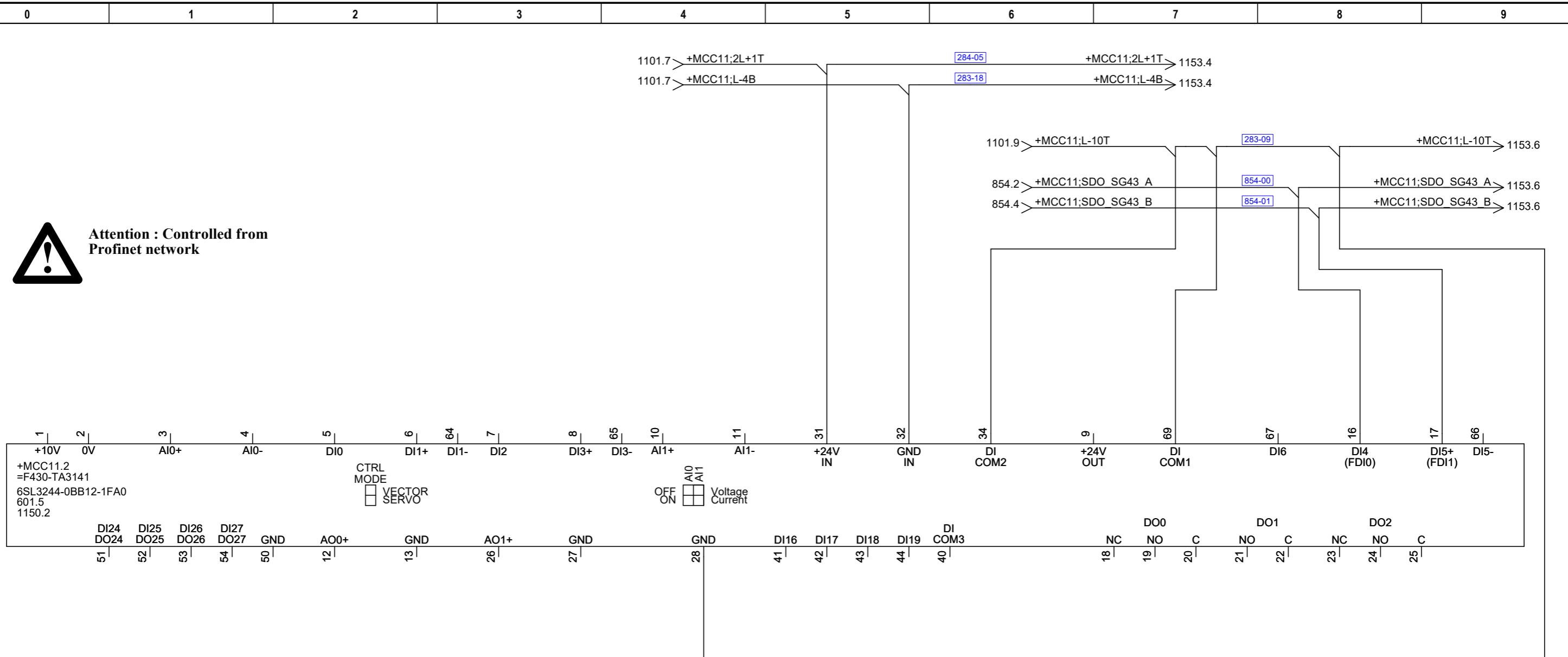
Vertical Opener # 4



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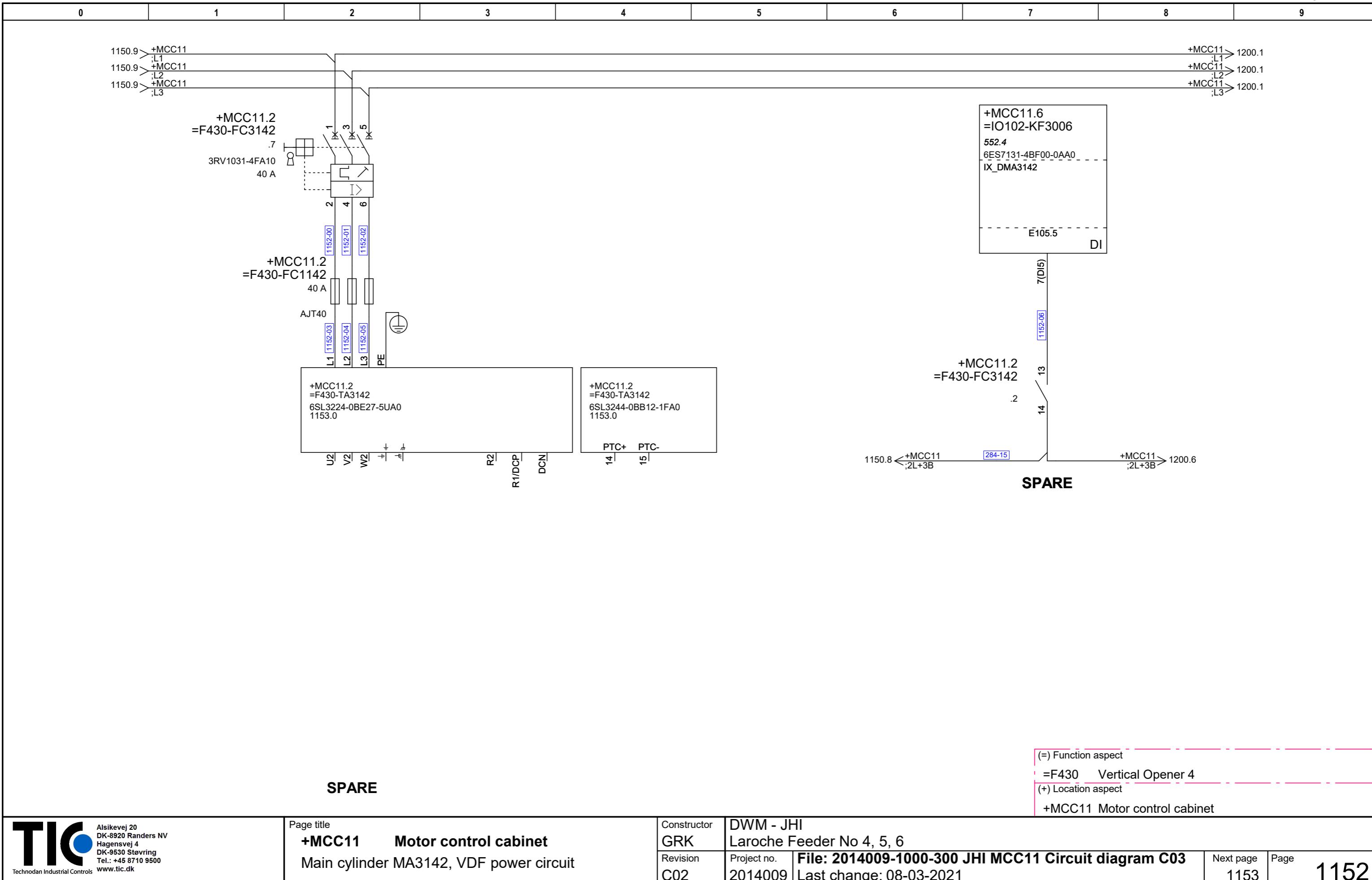
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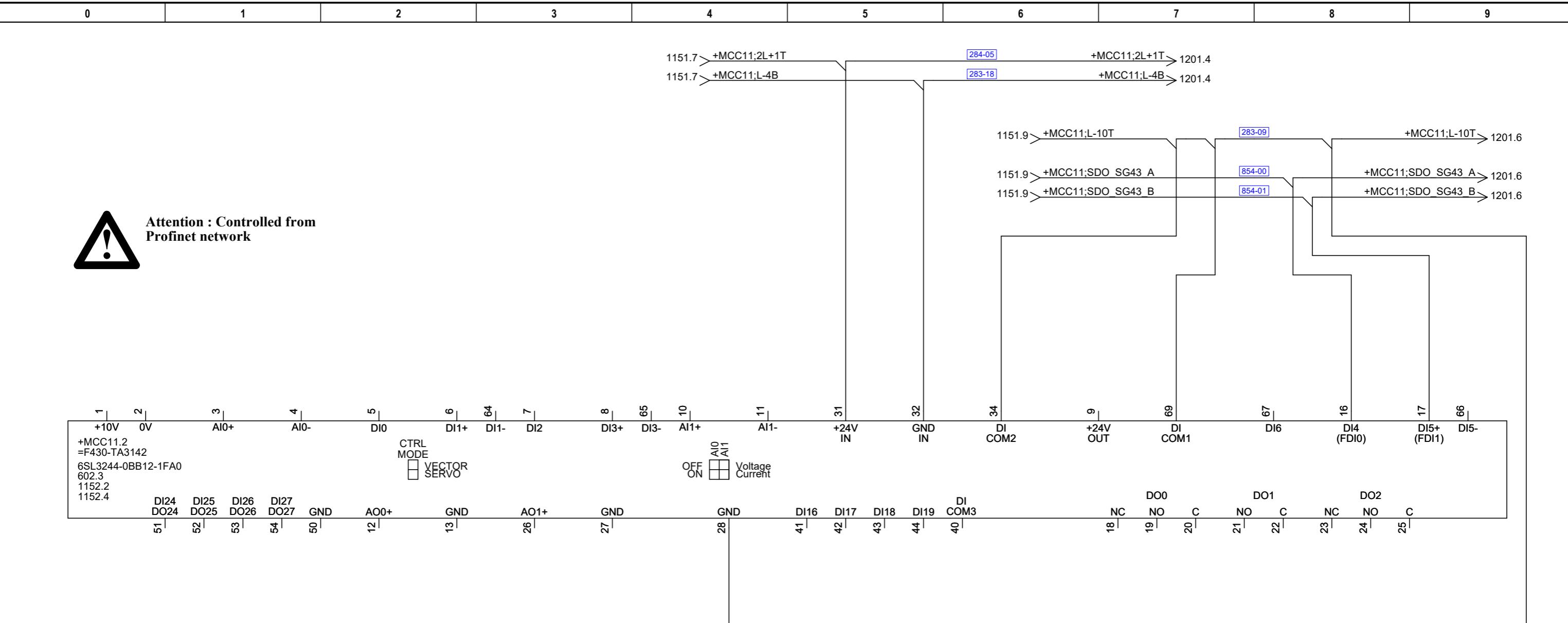




SPARE

- (=) Function aspect
- =F430 Vertical Opener 4
- (+) Location aspect
- +MCC11 Motor control cabinet

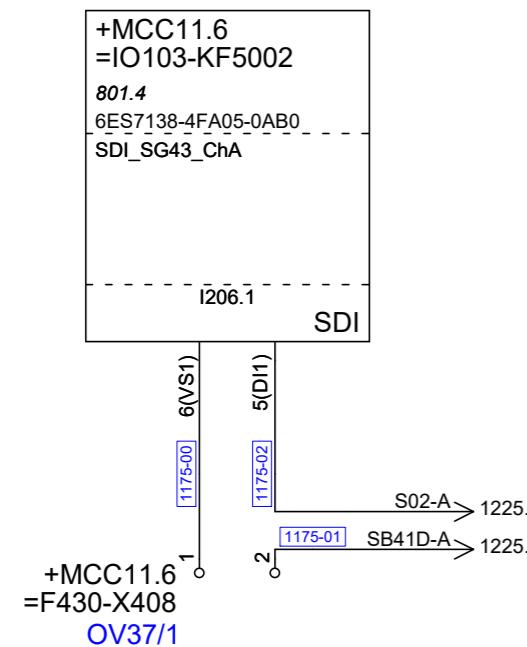




SPARE

(=) Function aspect
 =F430 Vertical Opener 4
 (+) Location aspect
 +MCC11 Motor control cabinet

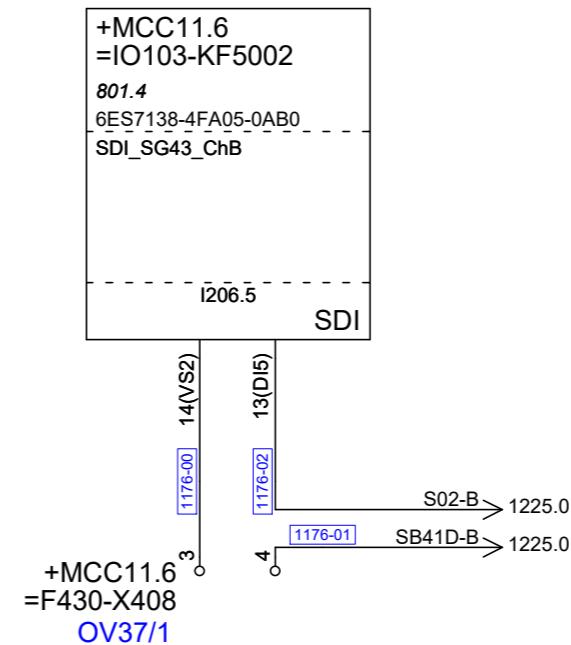
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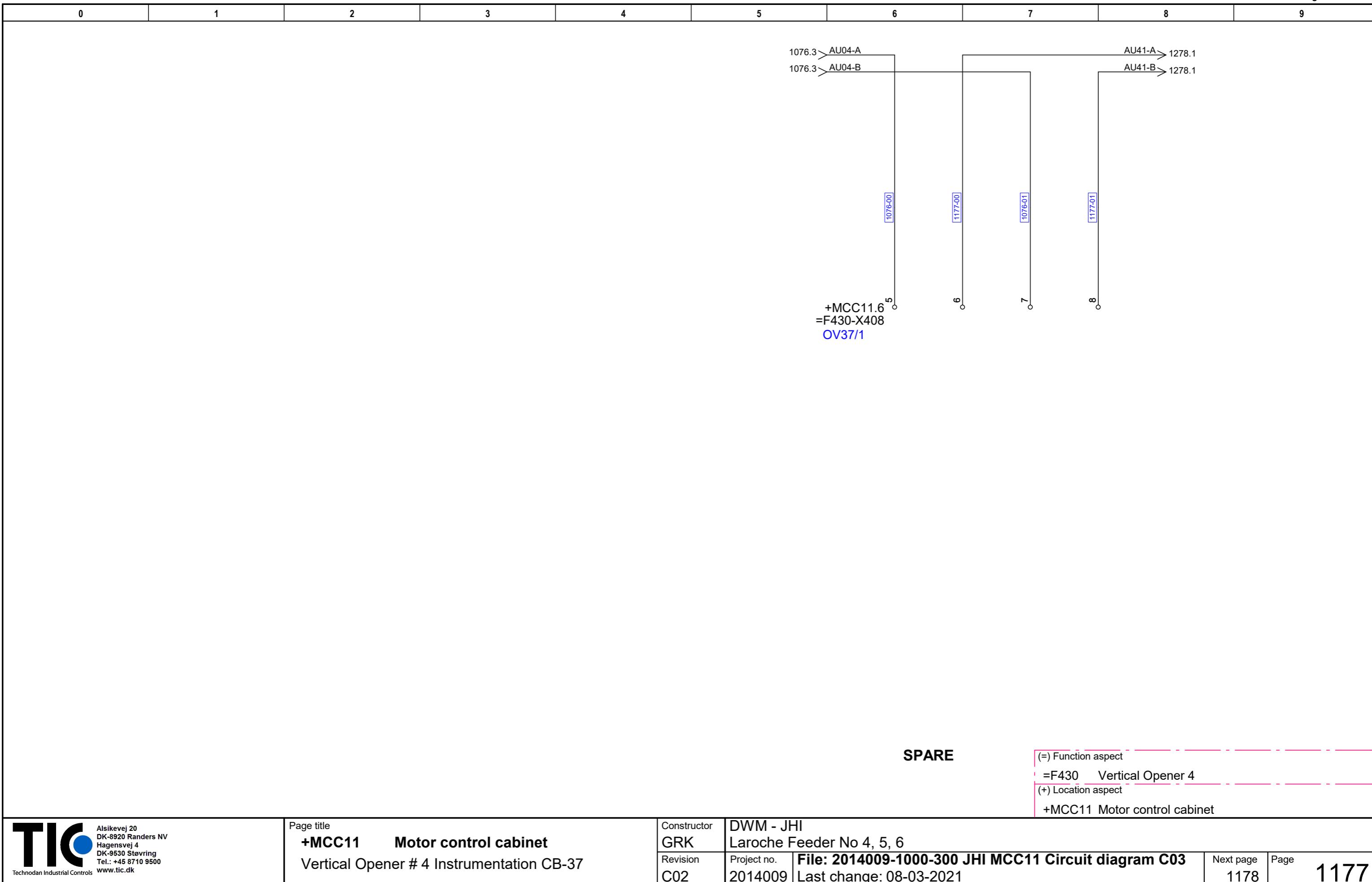
- (=) Function aspect
- =F430 Vertical Opener 4
- (+) Location aspect
- +MCC11 Motor control cabinet

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SPARE

- (=) Function aspect
- =F430 Vertical Opener 4
- (+) Location aspect
- +MCC11 Motor control cabinet



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+MCC11.6^⑨
=F430-X408
OV37/1

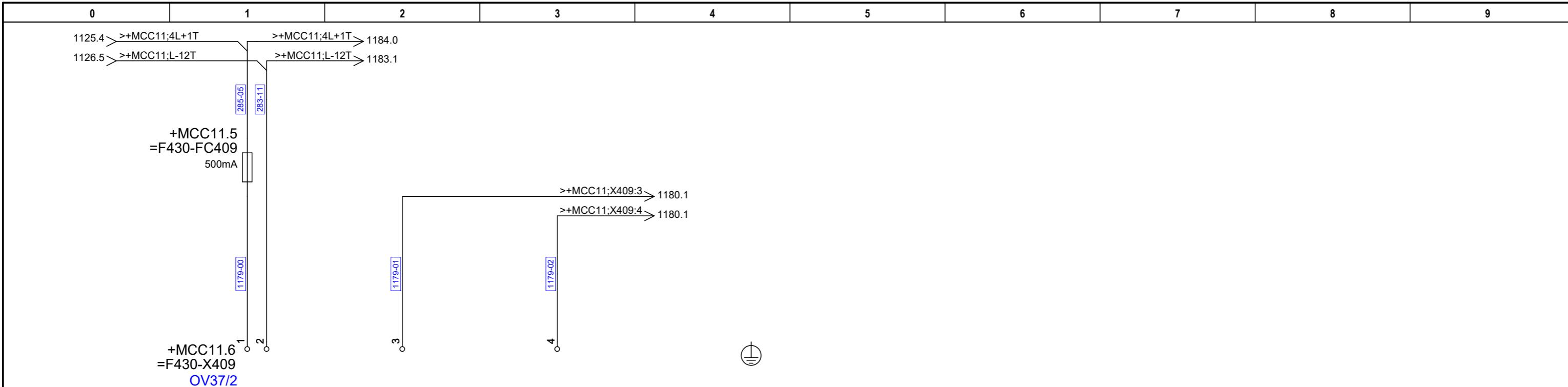
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11



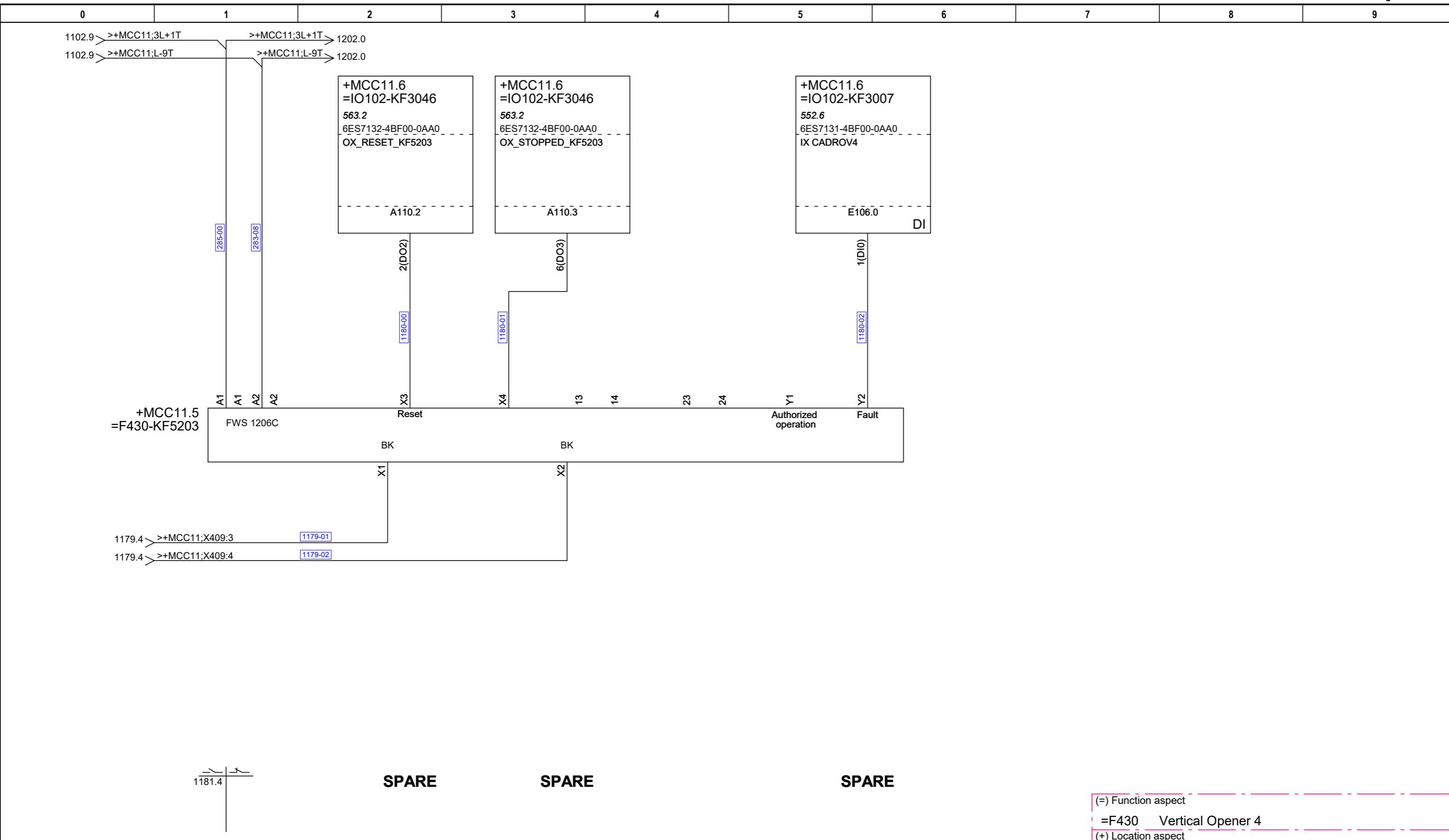
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(+) Location aspect
+MCC11 Motor control cabinet

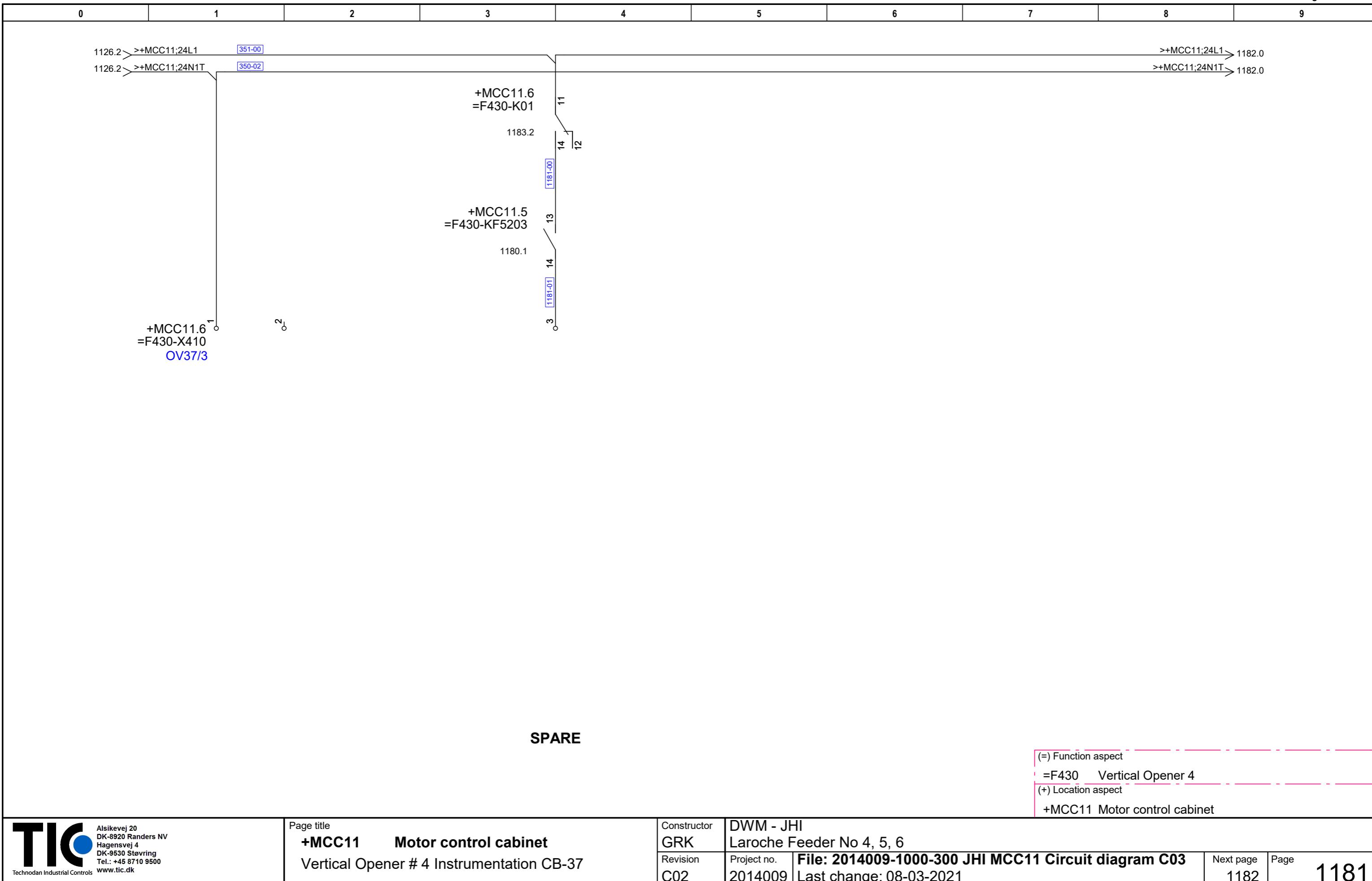


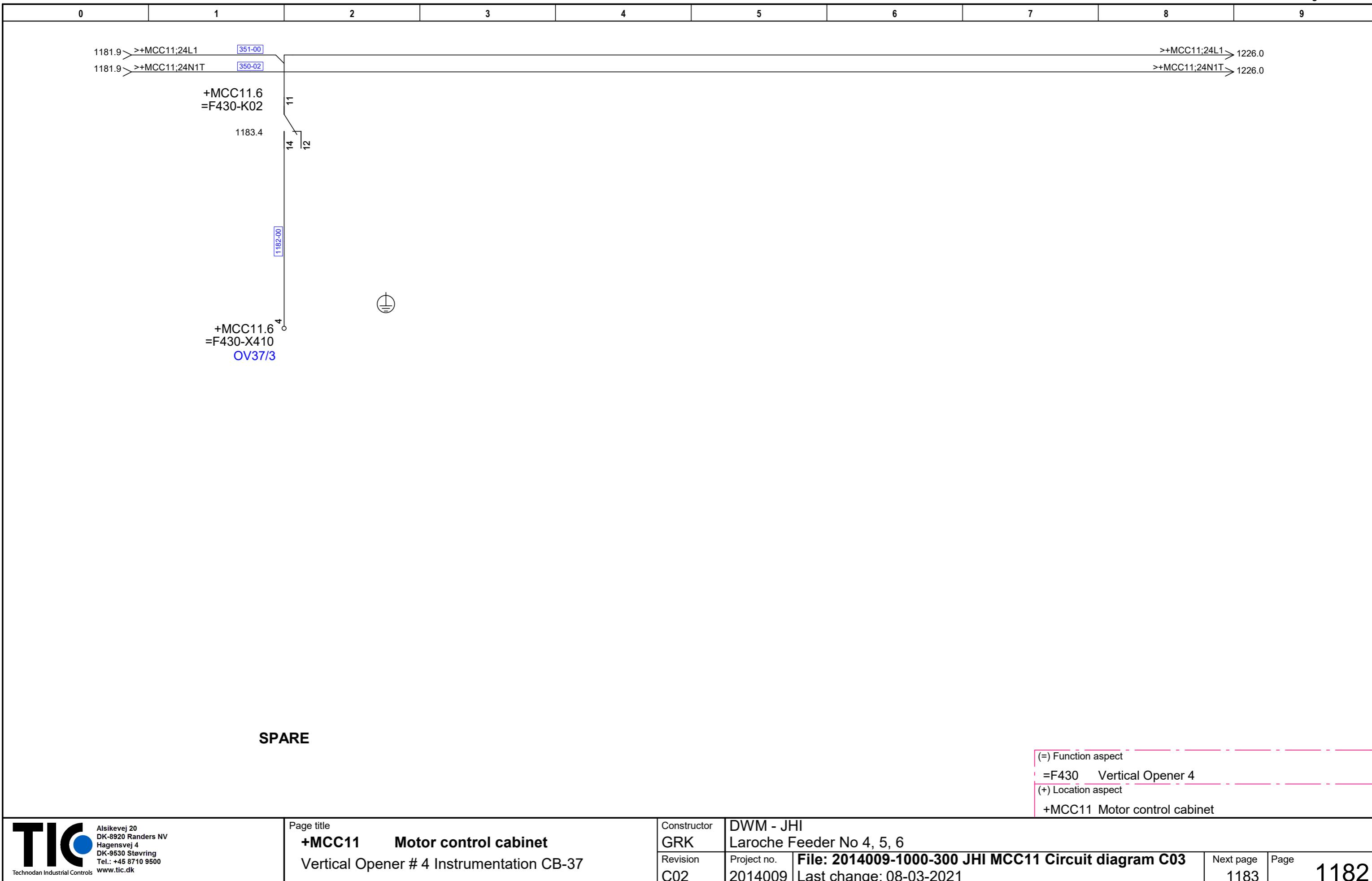
SPARE

(=) Function aspect
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 (+) Location aspect
 +MCC11 Motor control cabinet

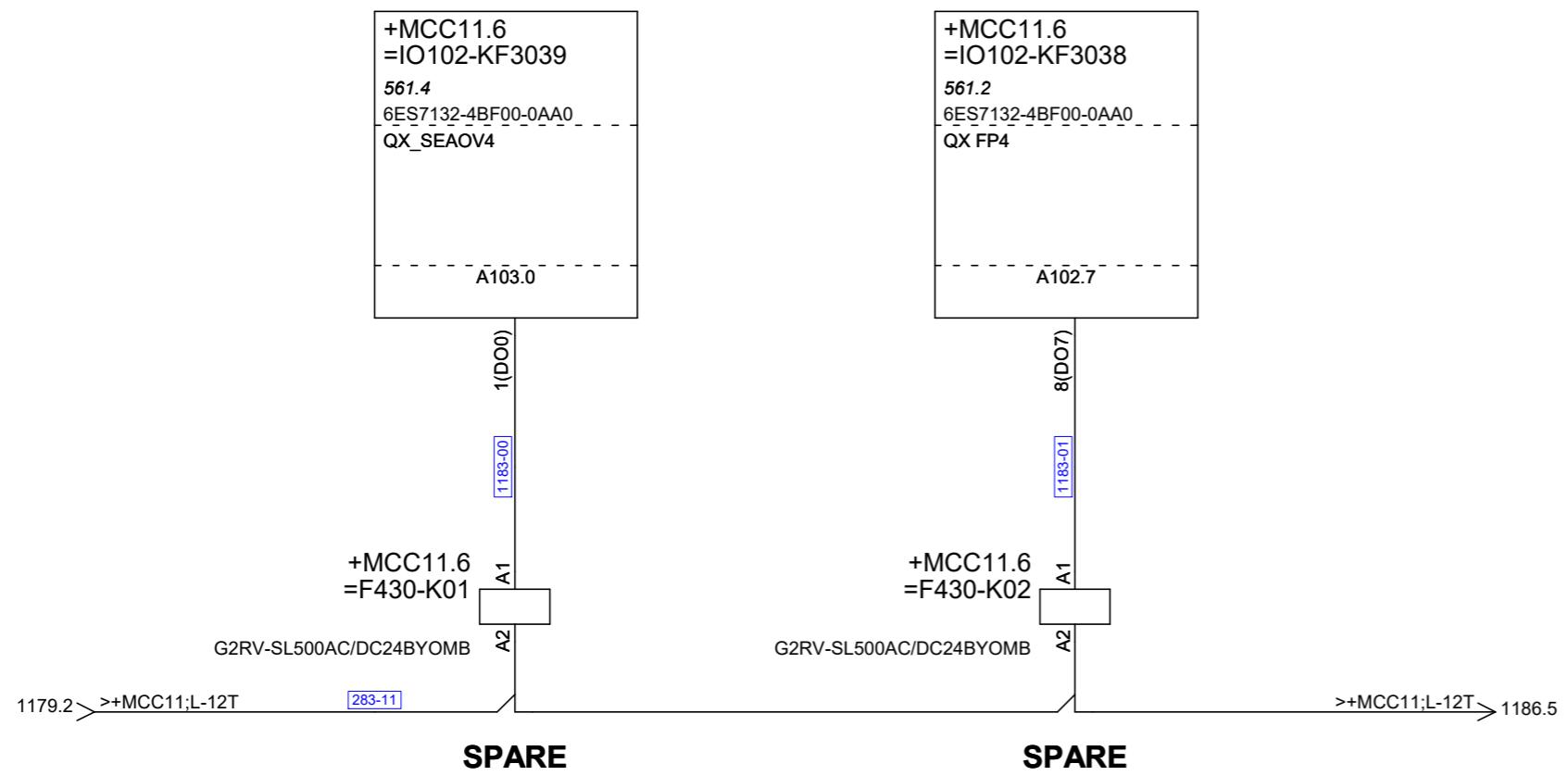


(=) Function aspect
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 (+) Location aspect
 +MCC11 Motor control cabinet





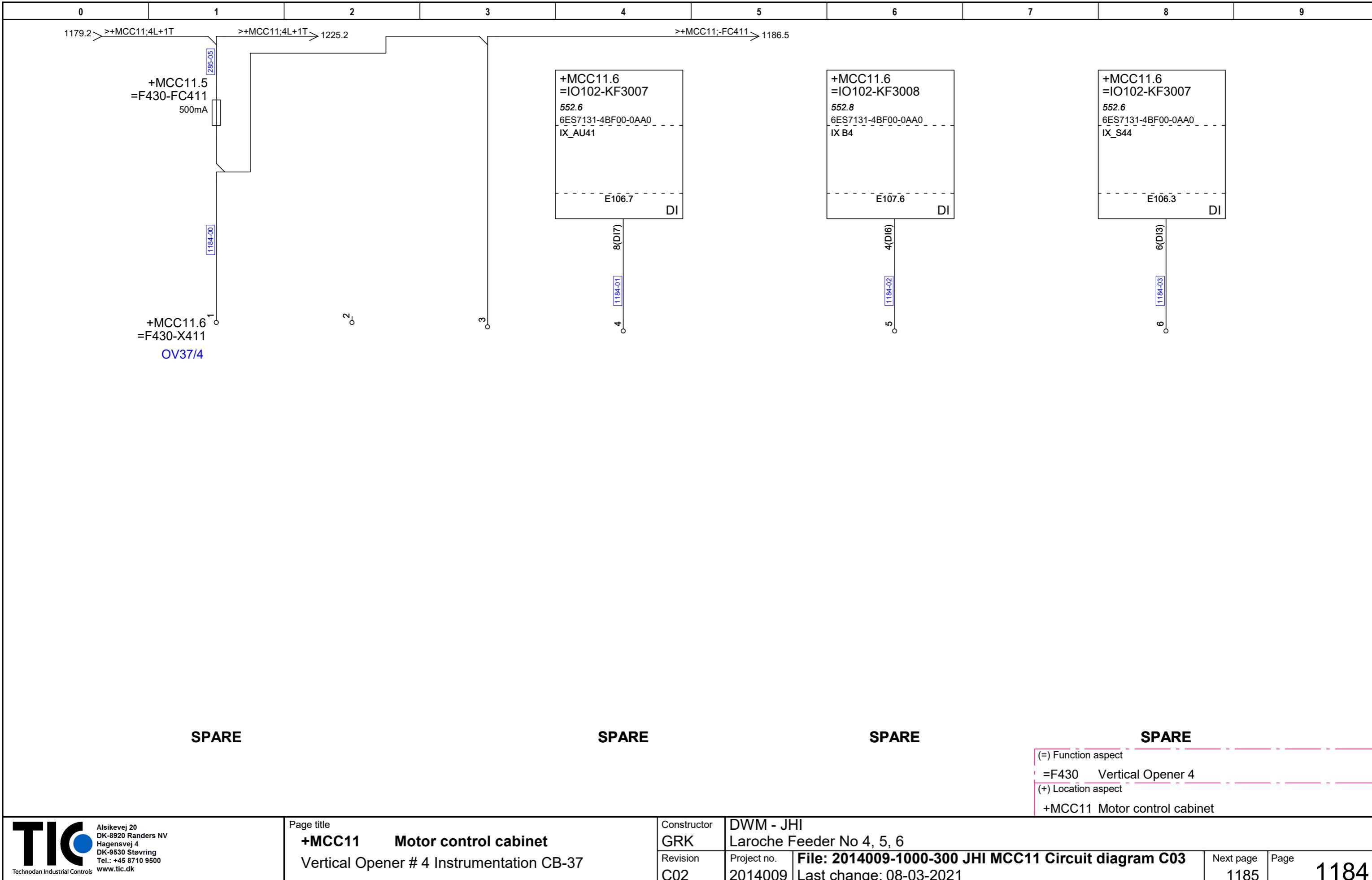
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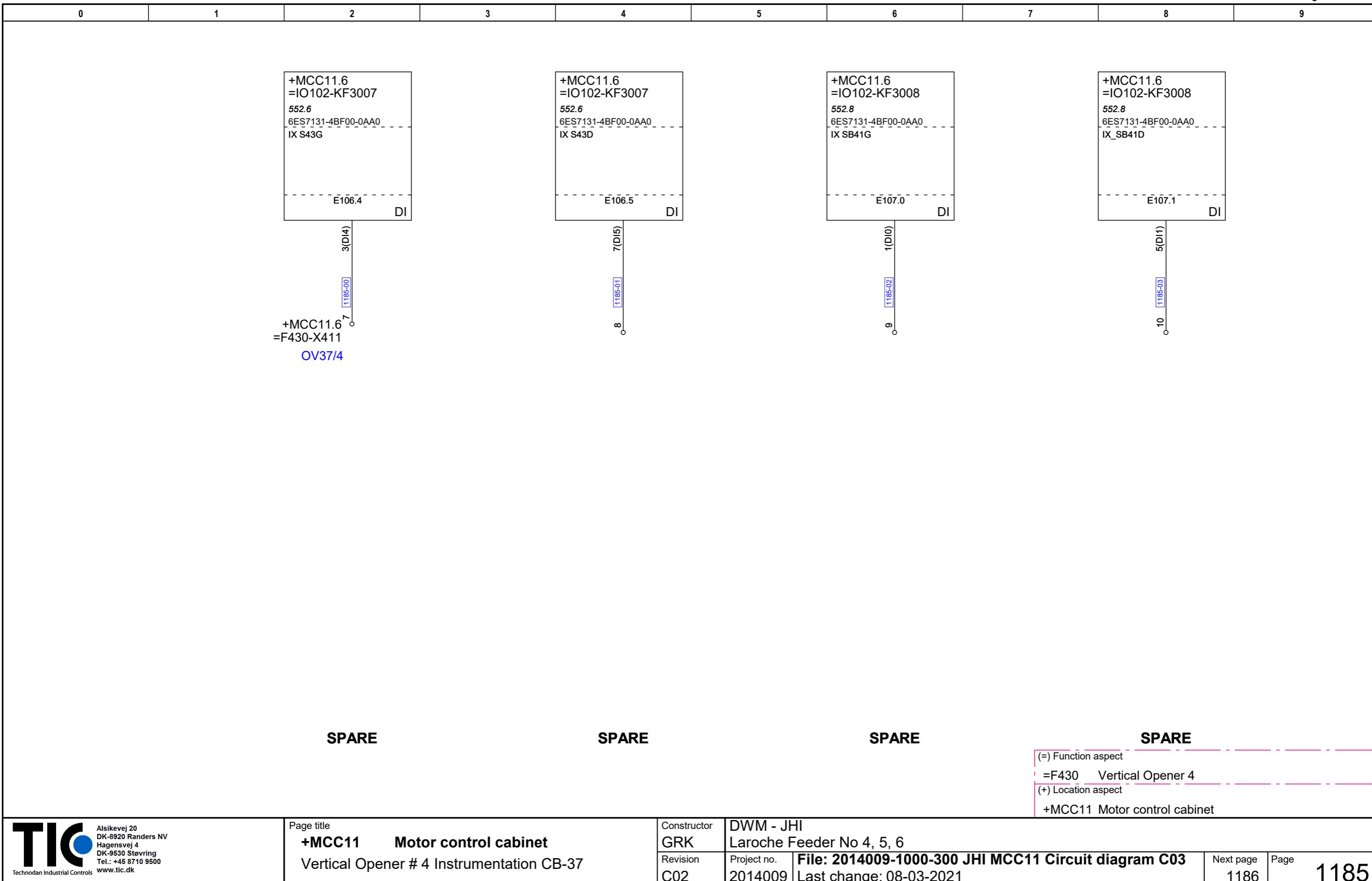


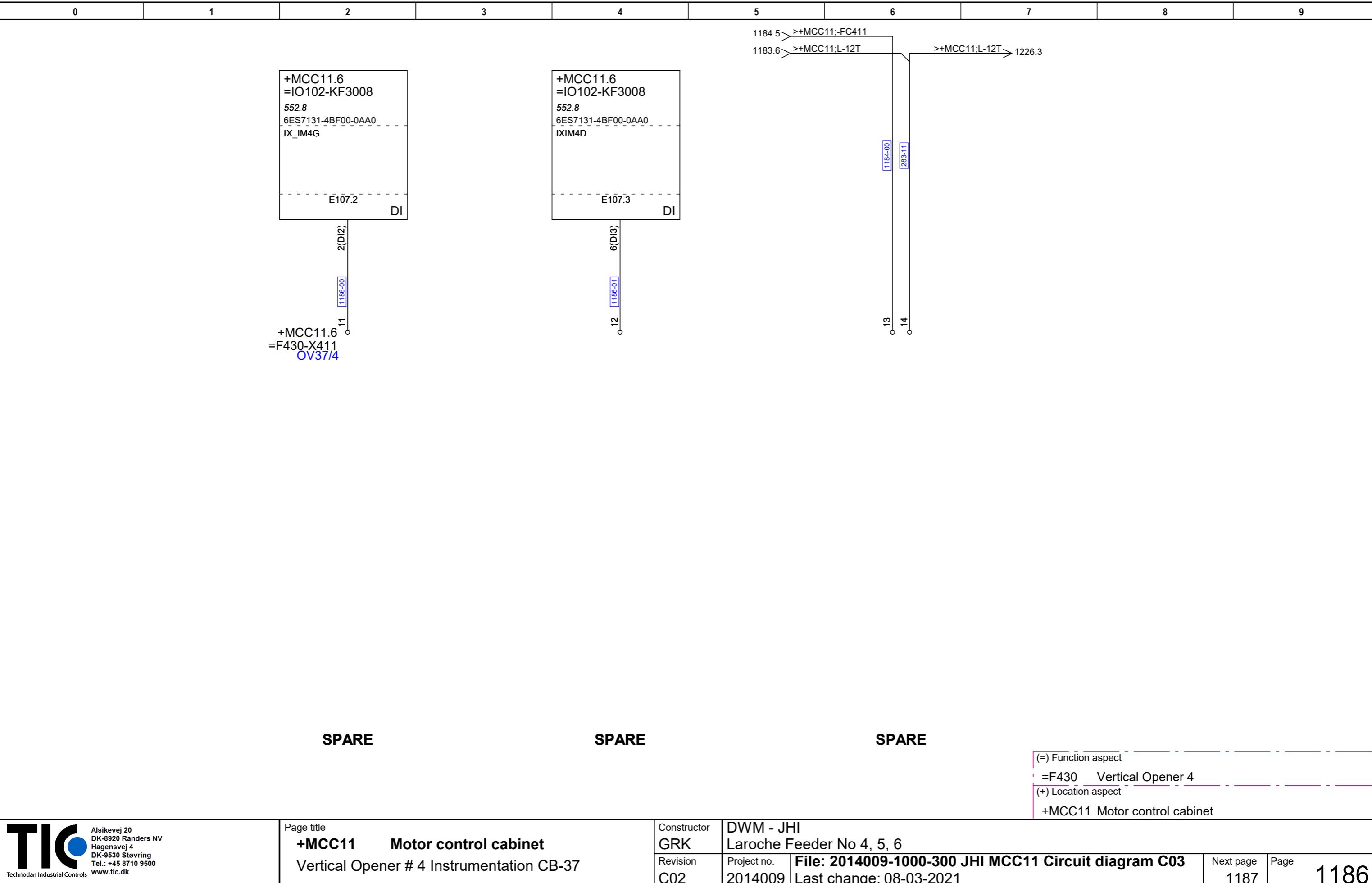
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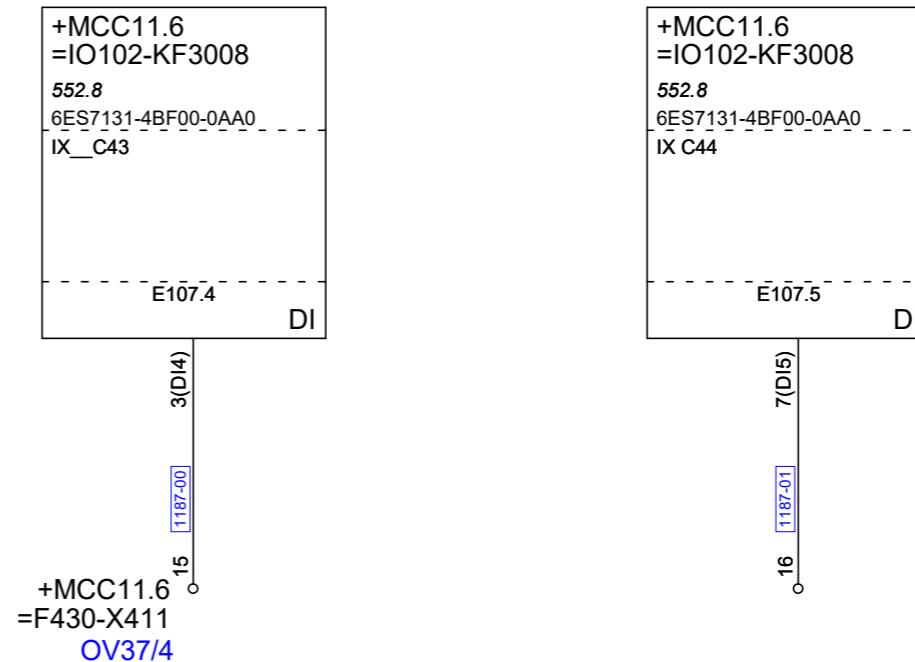
(=) Function aspect
 =F430 Vertical Opener 4
 (+) Location aspect
 +MCC11 Motor control cabinet







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SPARE

SPARE

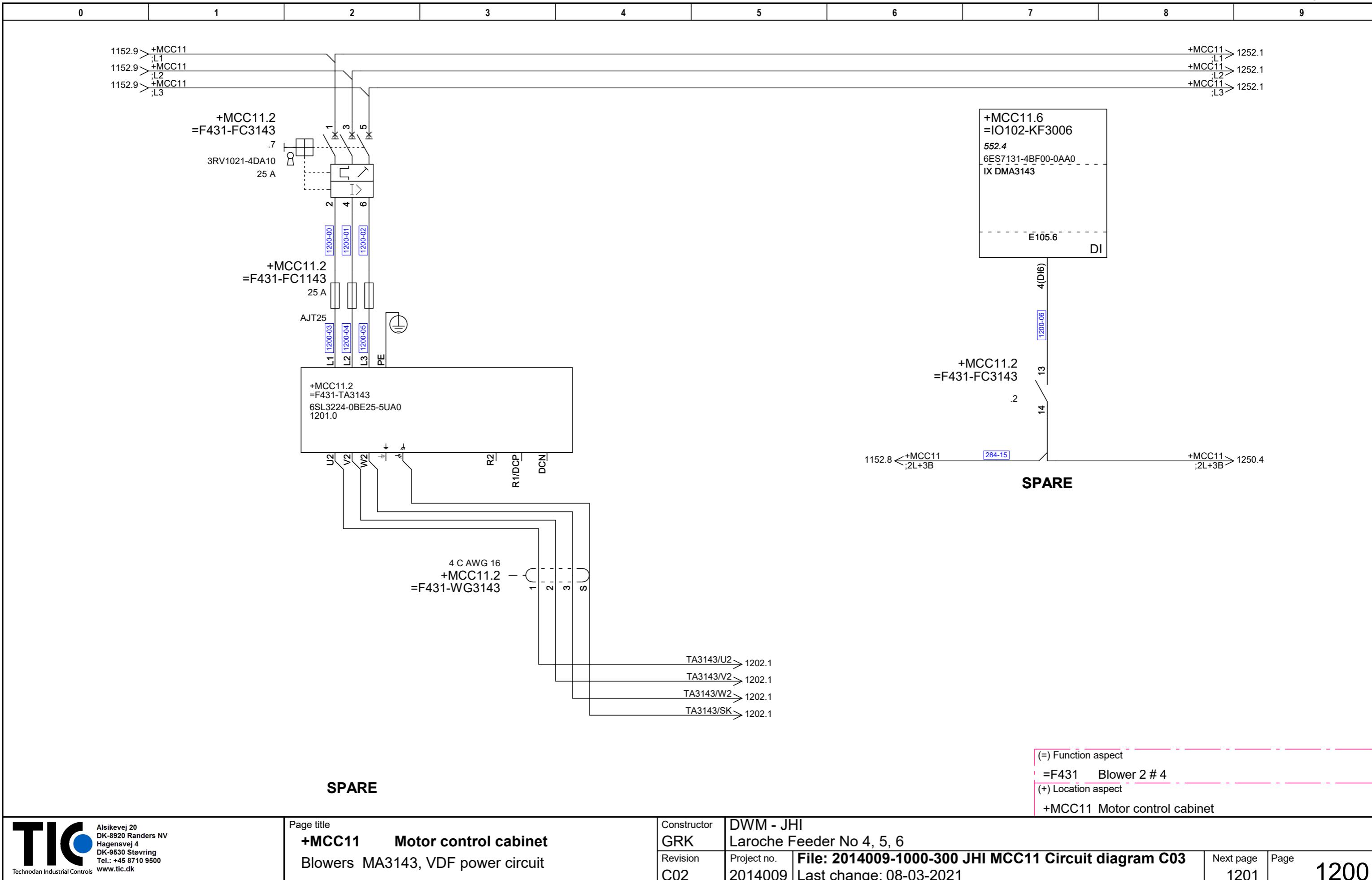
- (=) Function aspect
- =F430 Vertical Opener 4
- (+) Location aspect
- +MCC11 Motor control cabinet

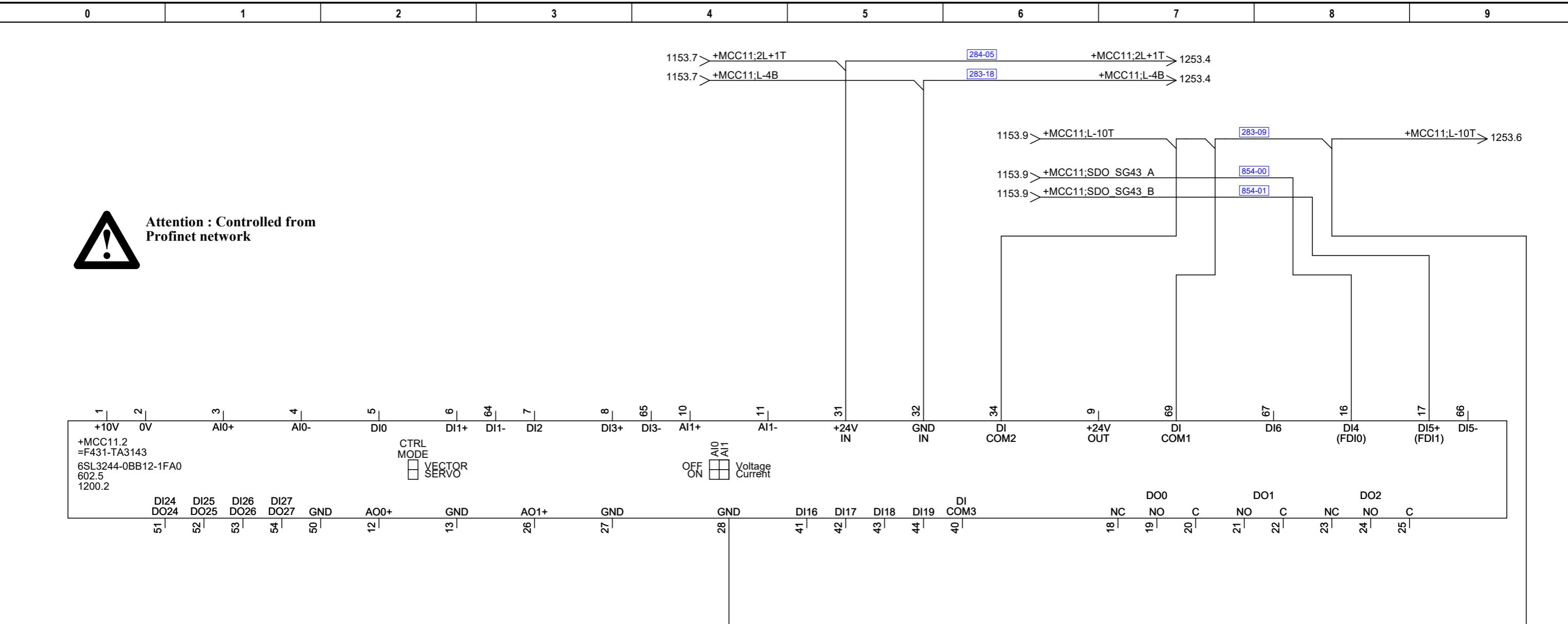
Blower 2 # 4



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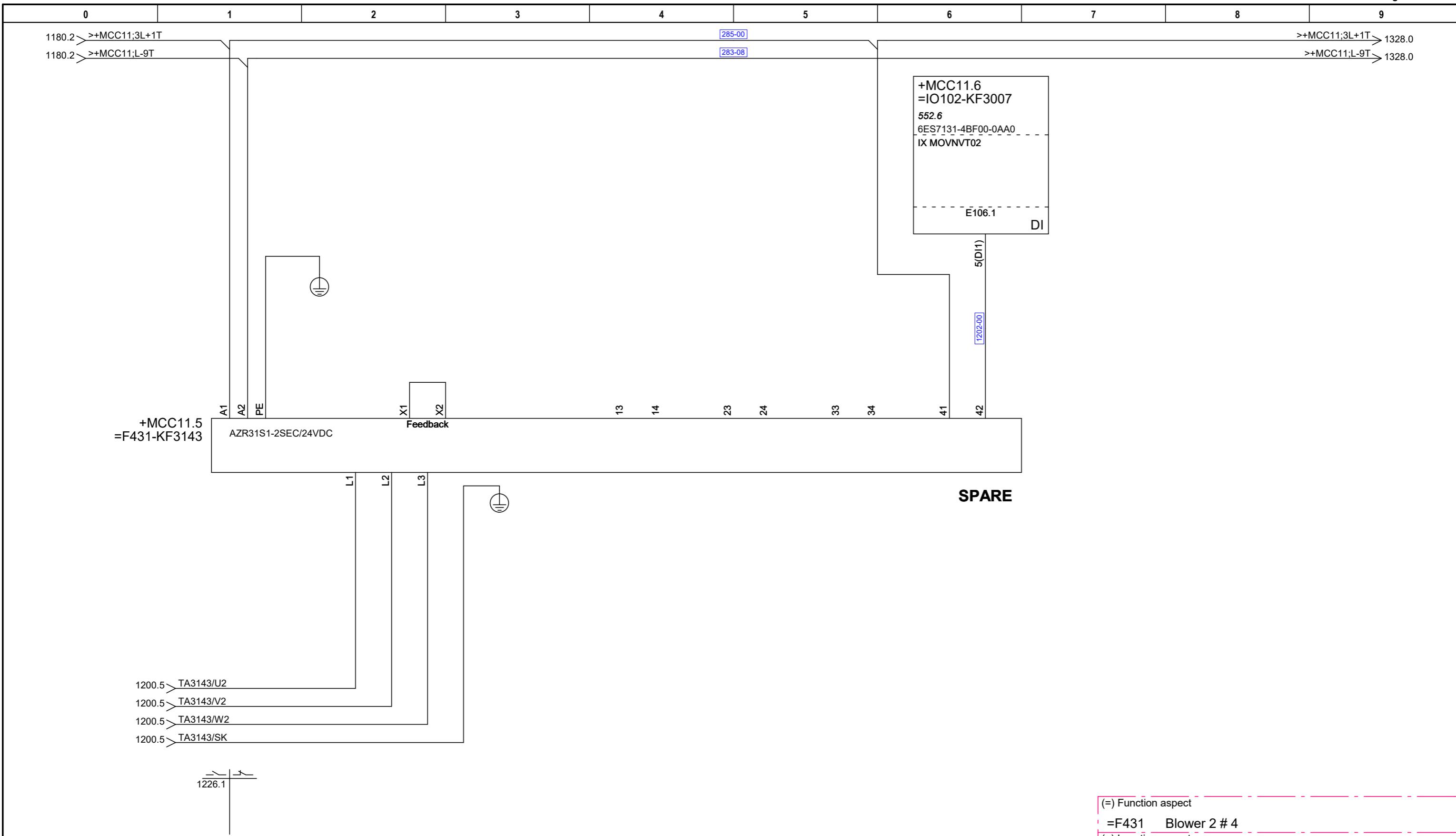
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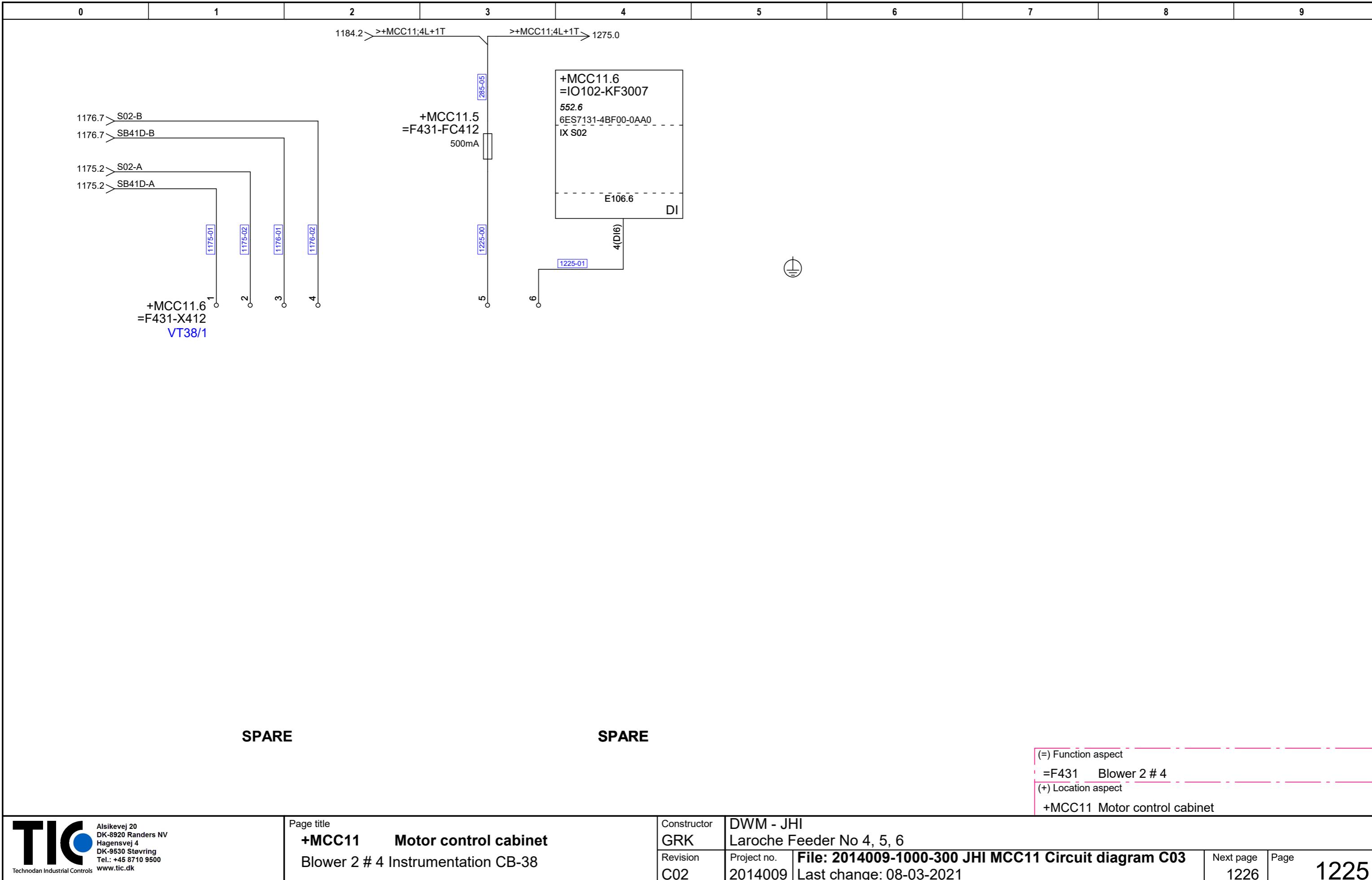


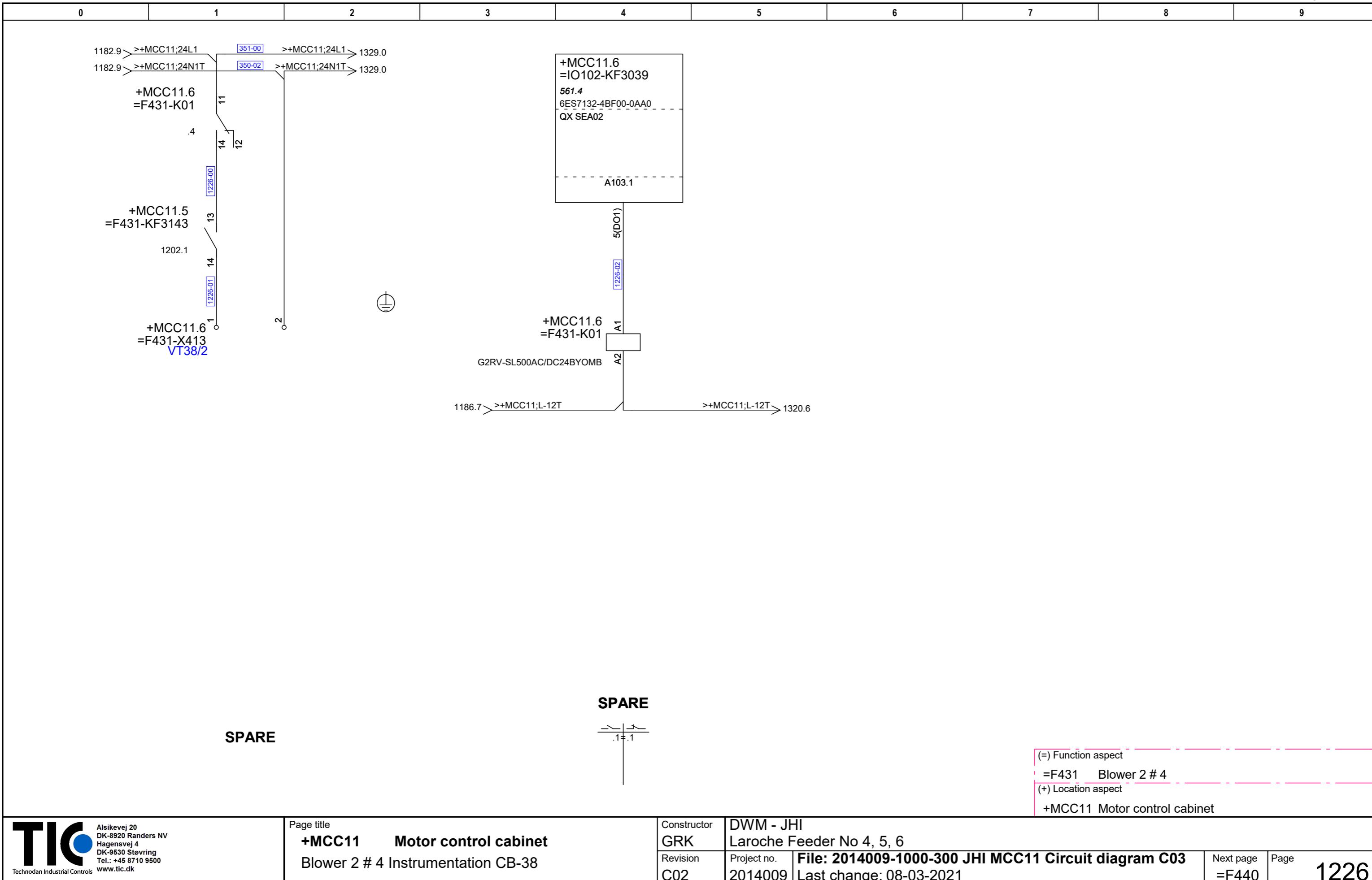


SPARE

(=) Function aspect
 =F431 Blower 2 # 4
 (+) Location aspect
 +MCC11 Motor control cabinet





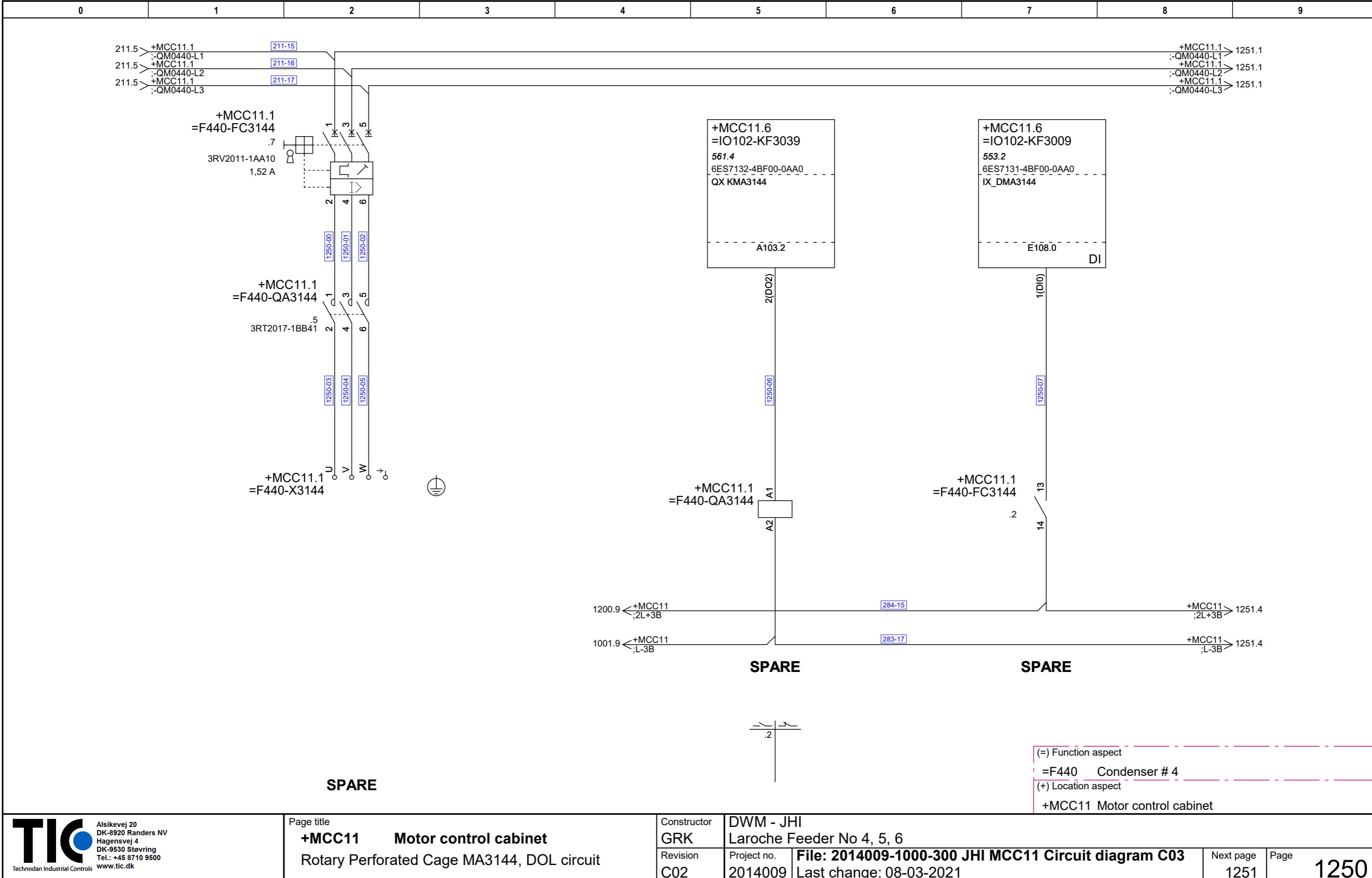


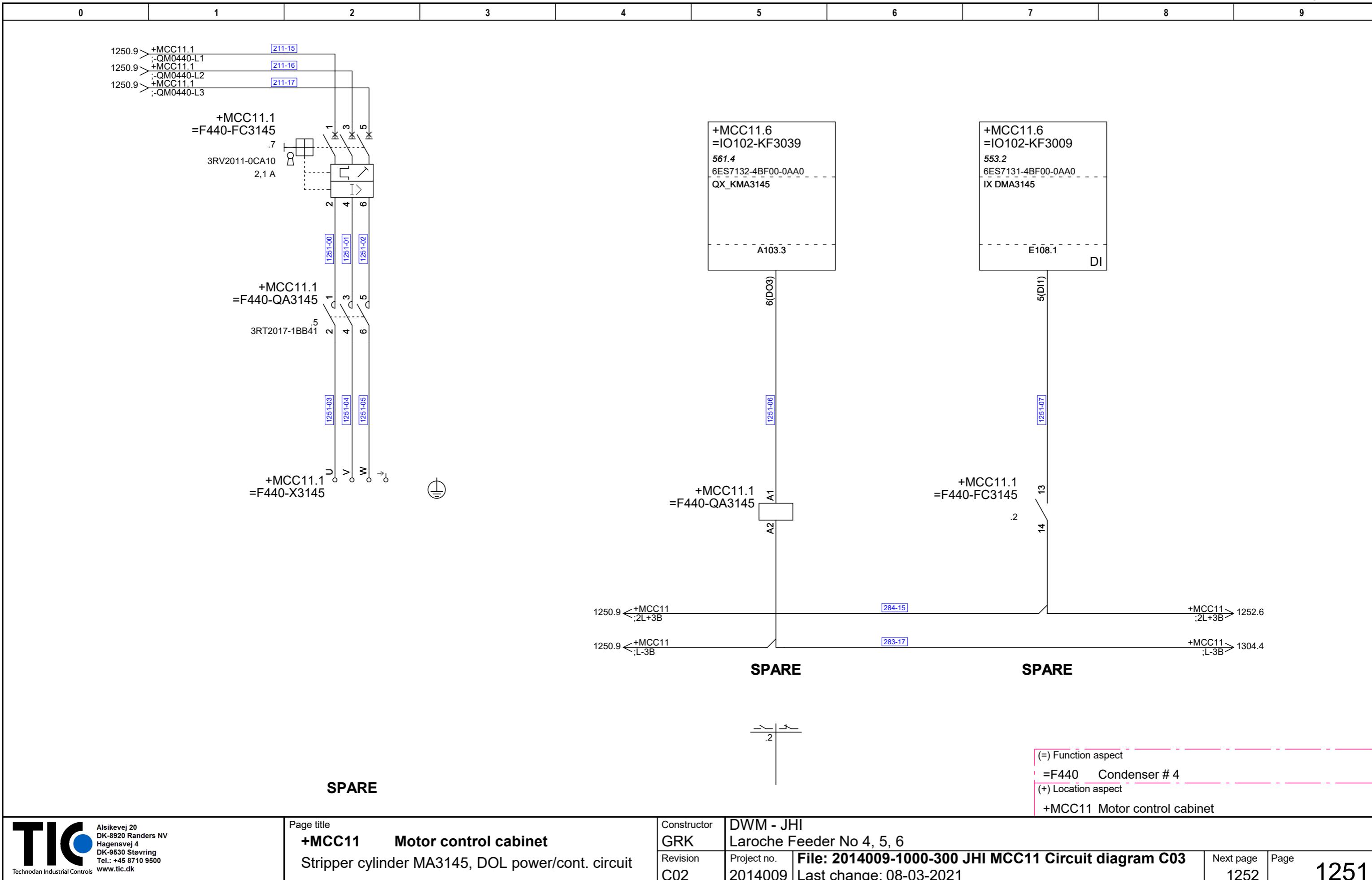
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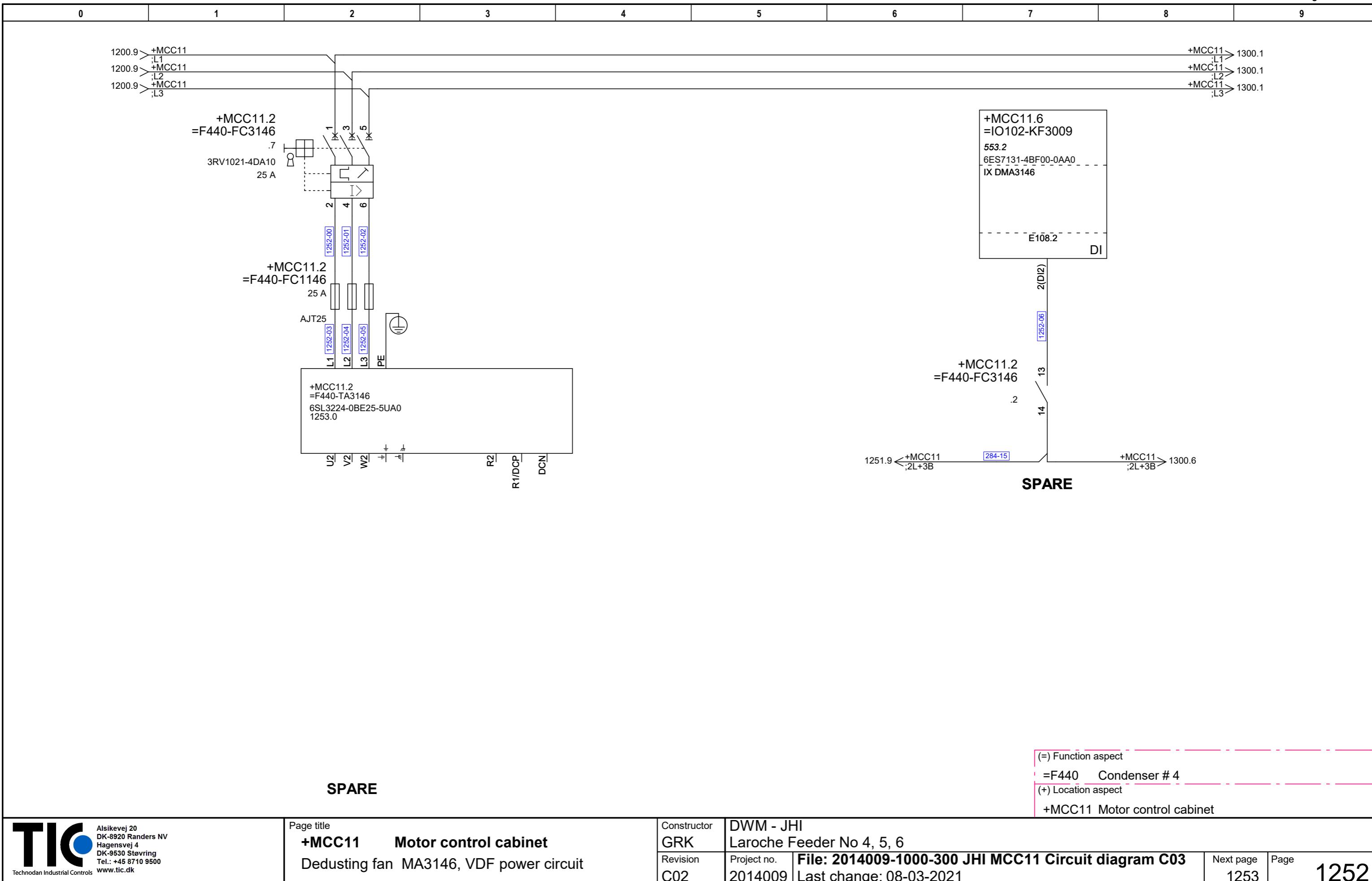


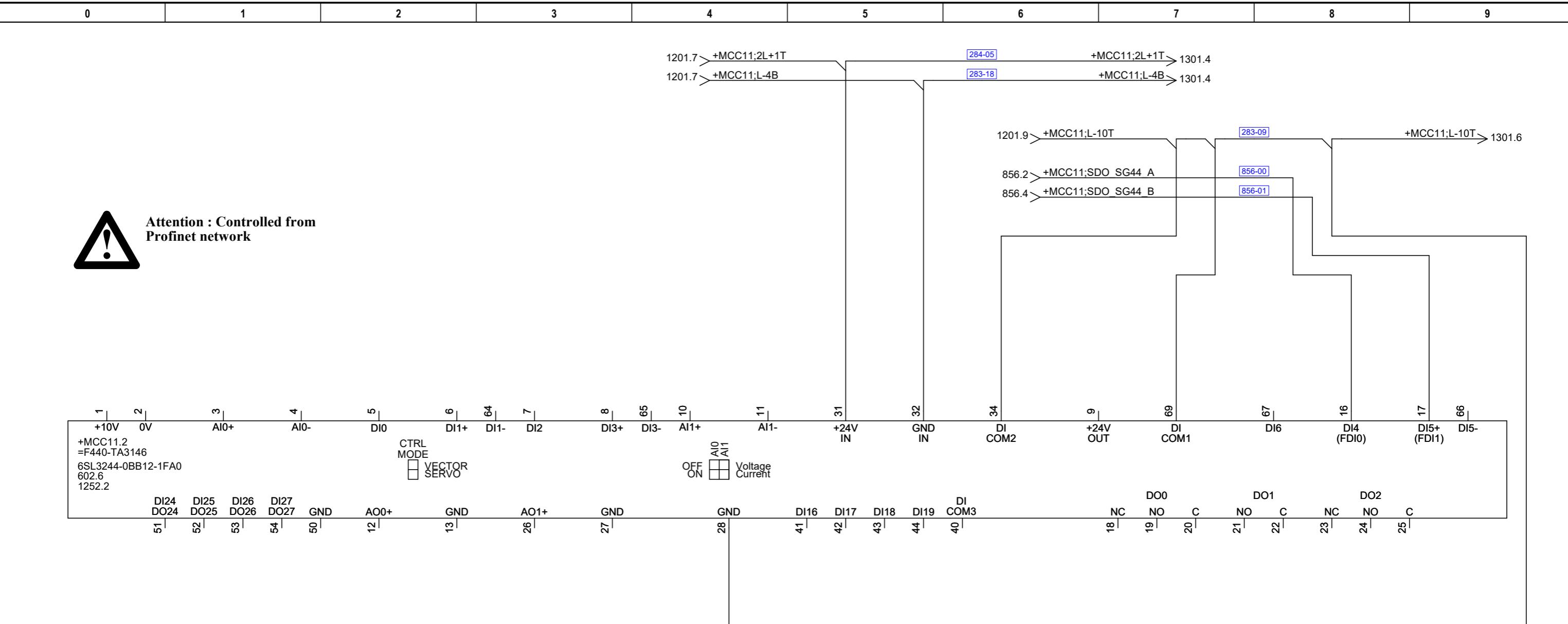
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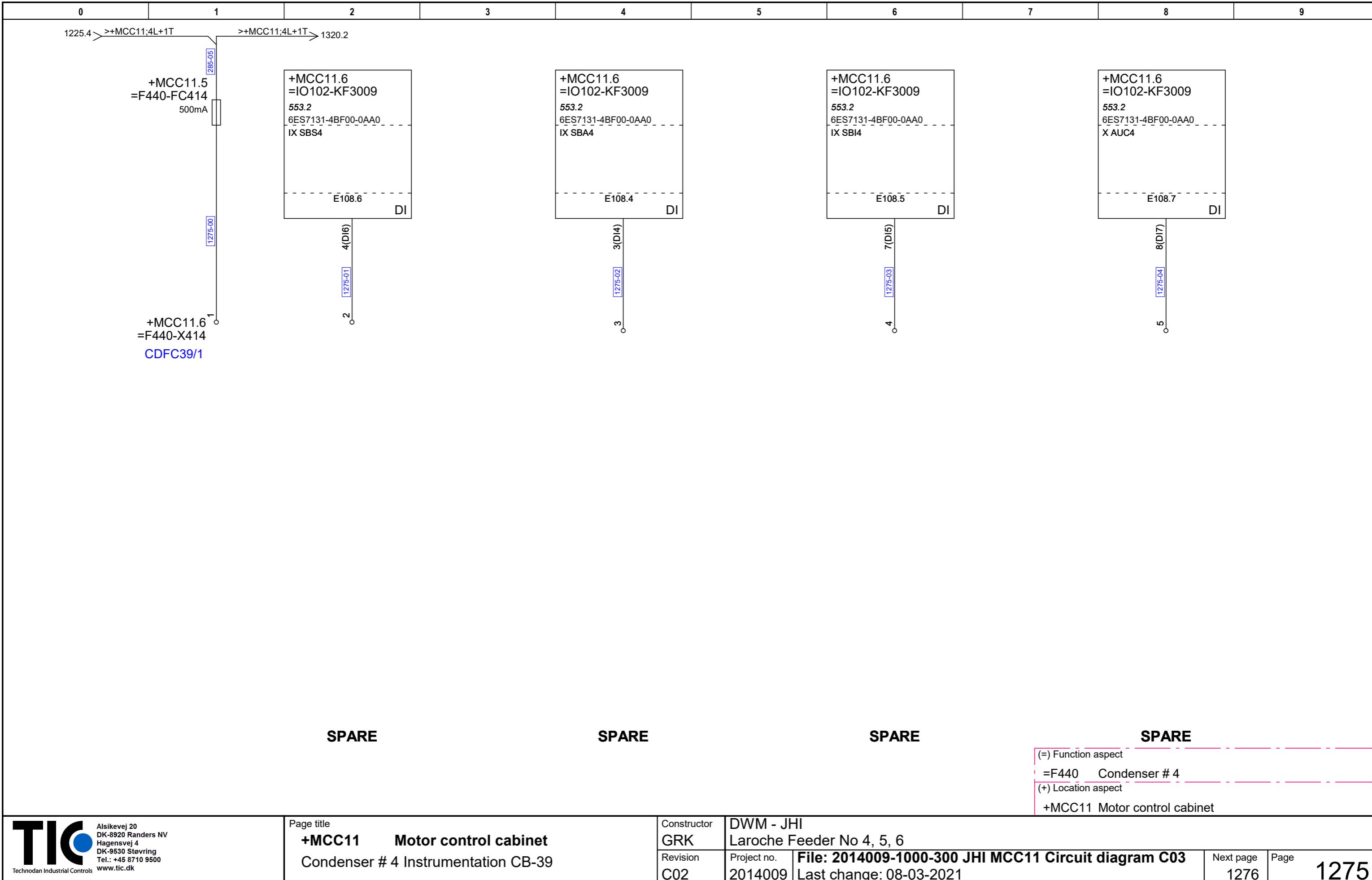






SPARE

(=) Function aspect
 =F440 Condenser # 4
 (+) Location aspect
 +MCC11 Motor control cabinet



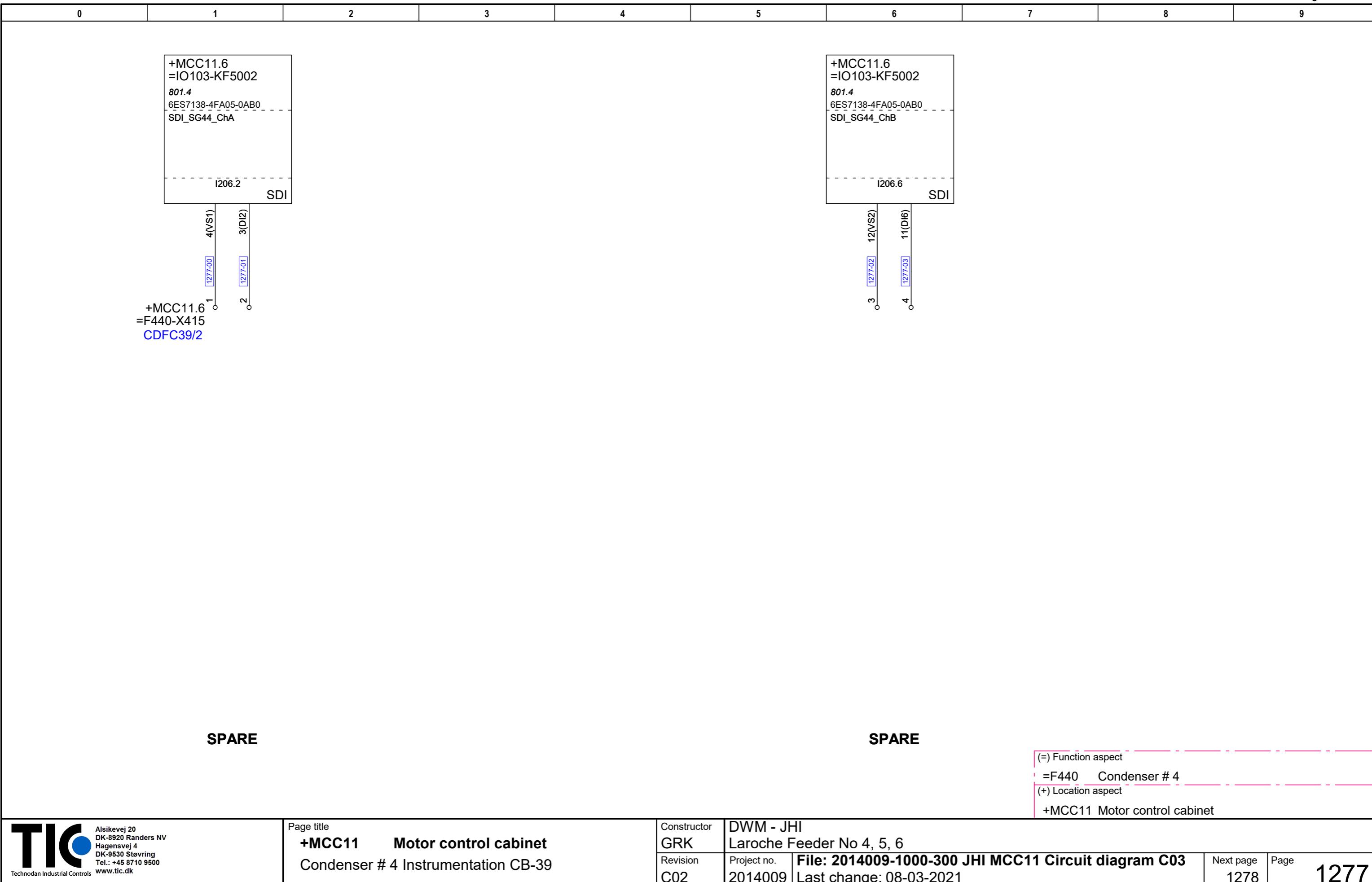
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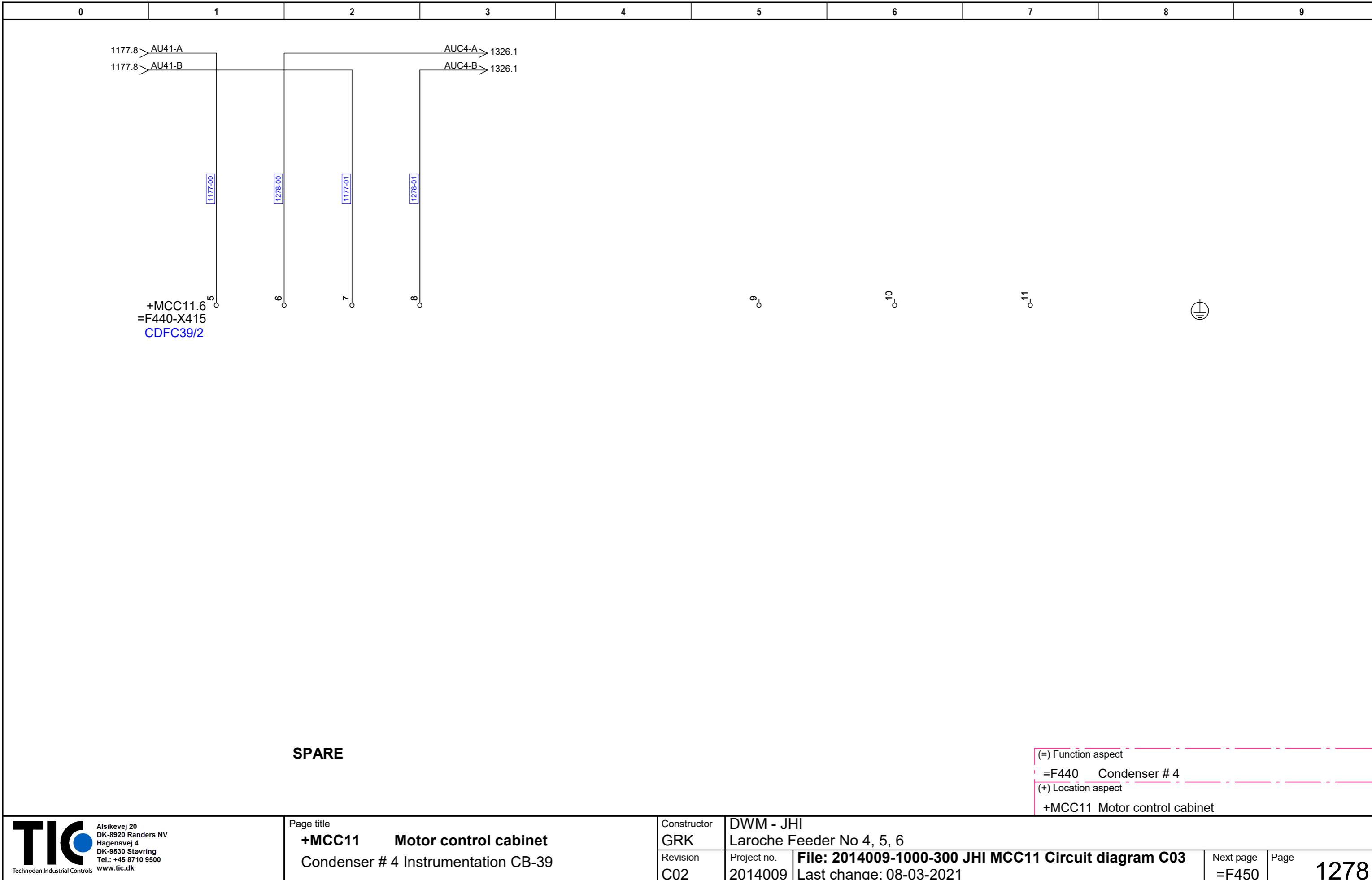
+MCC11.6 
=F440-X414
CDFC39/1



SPARE

(=) Function aspect
=F440 Condenser # 4
(+) Location aspect
+MCC11 Motor control cabinet



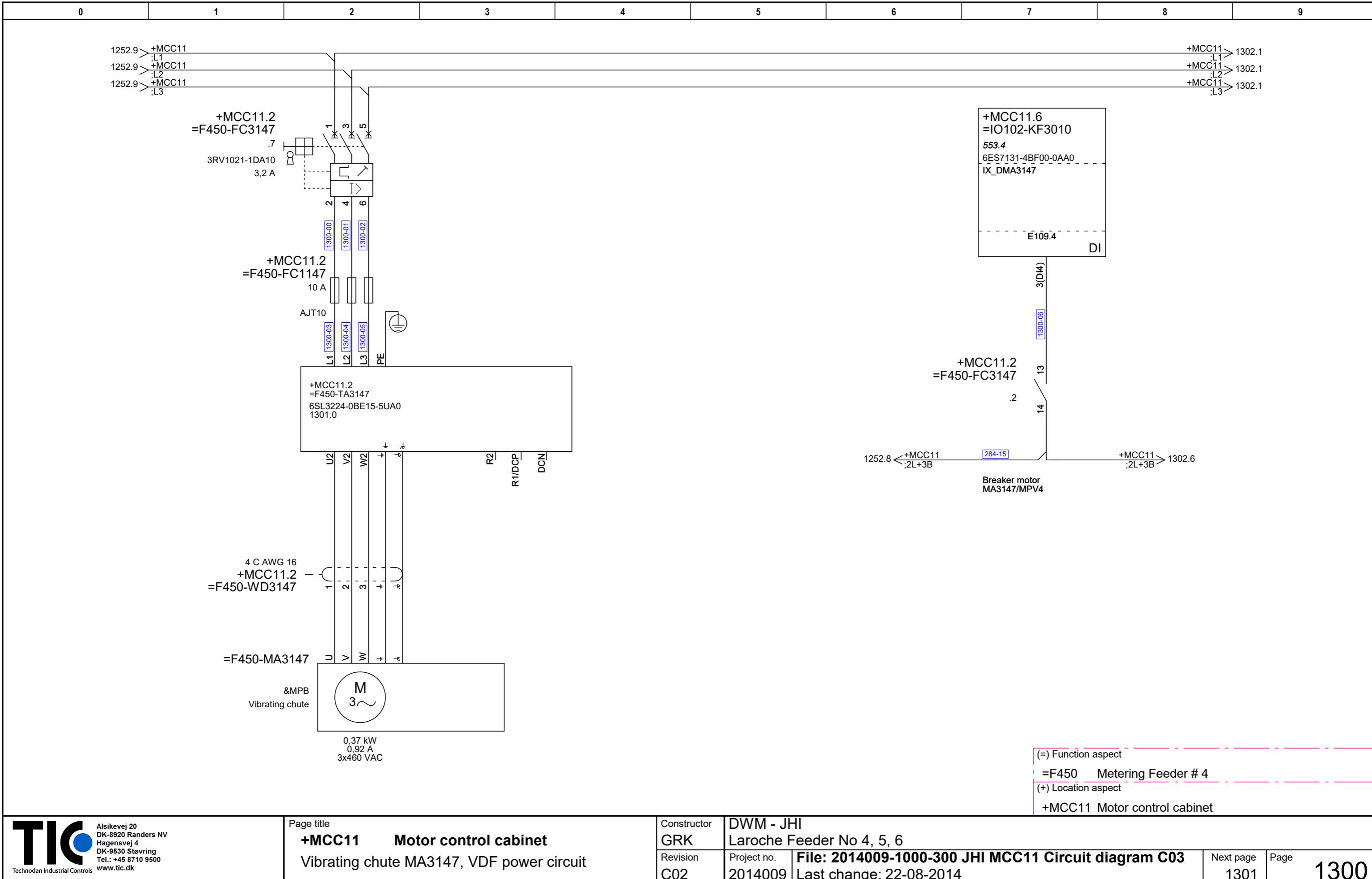


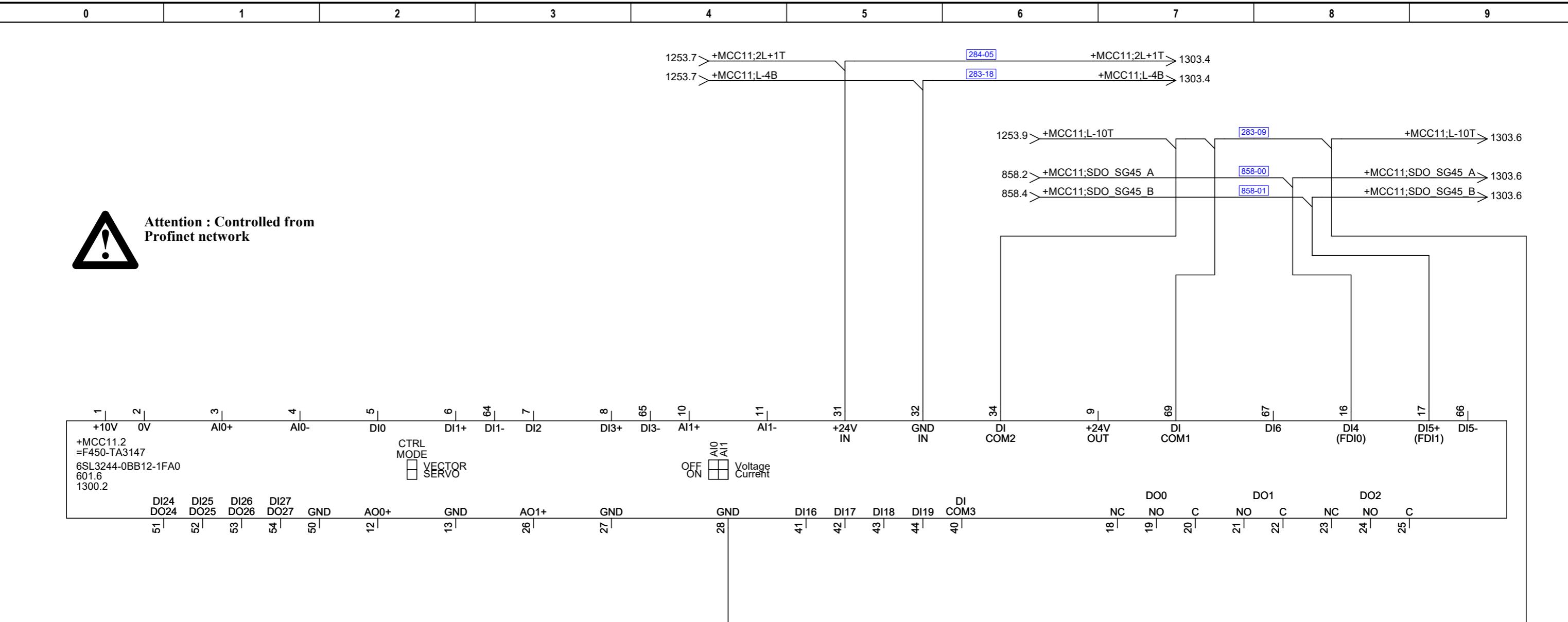
Metering Feeder # 4



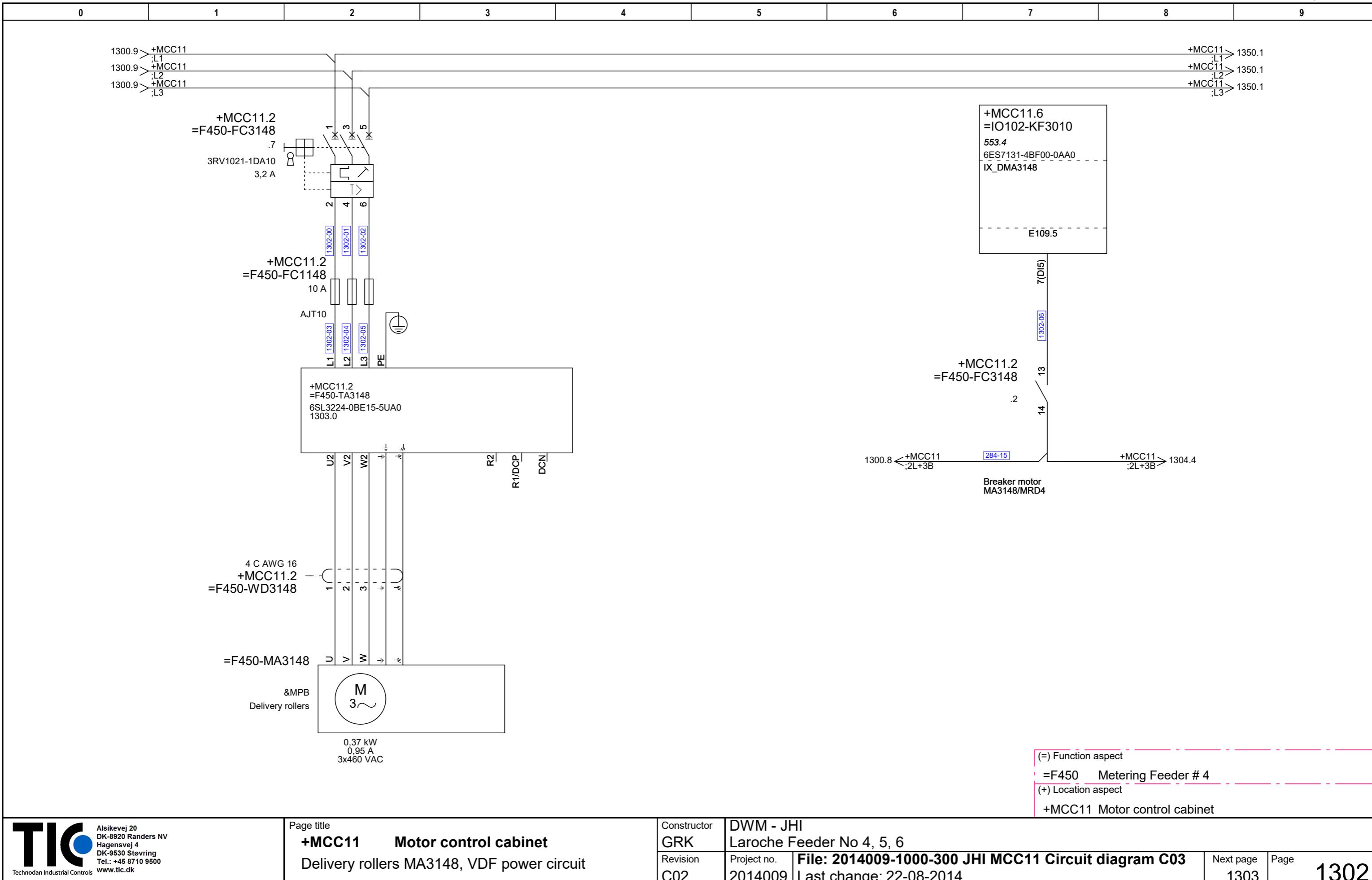
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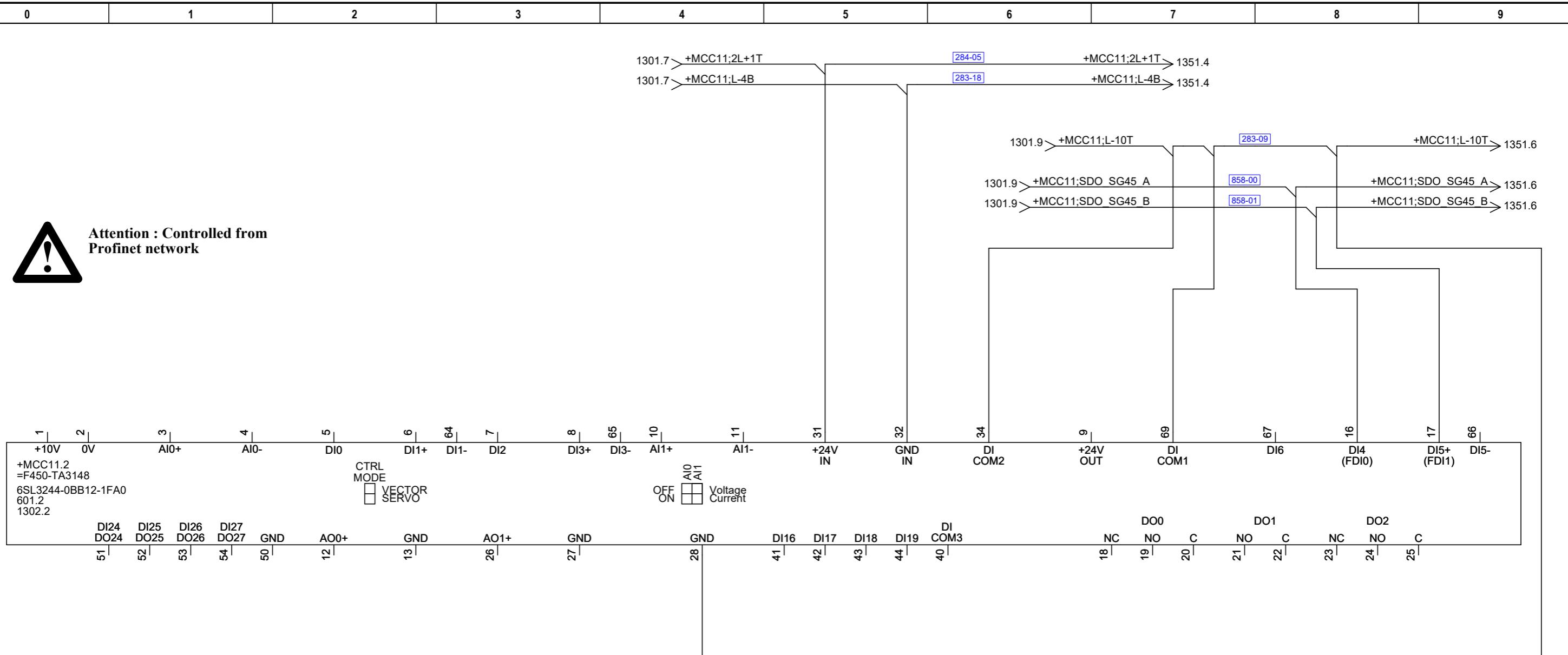
Alsikevej 20
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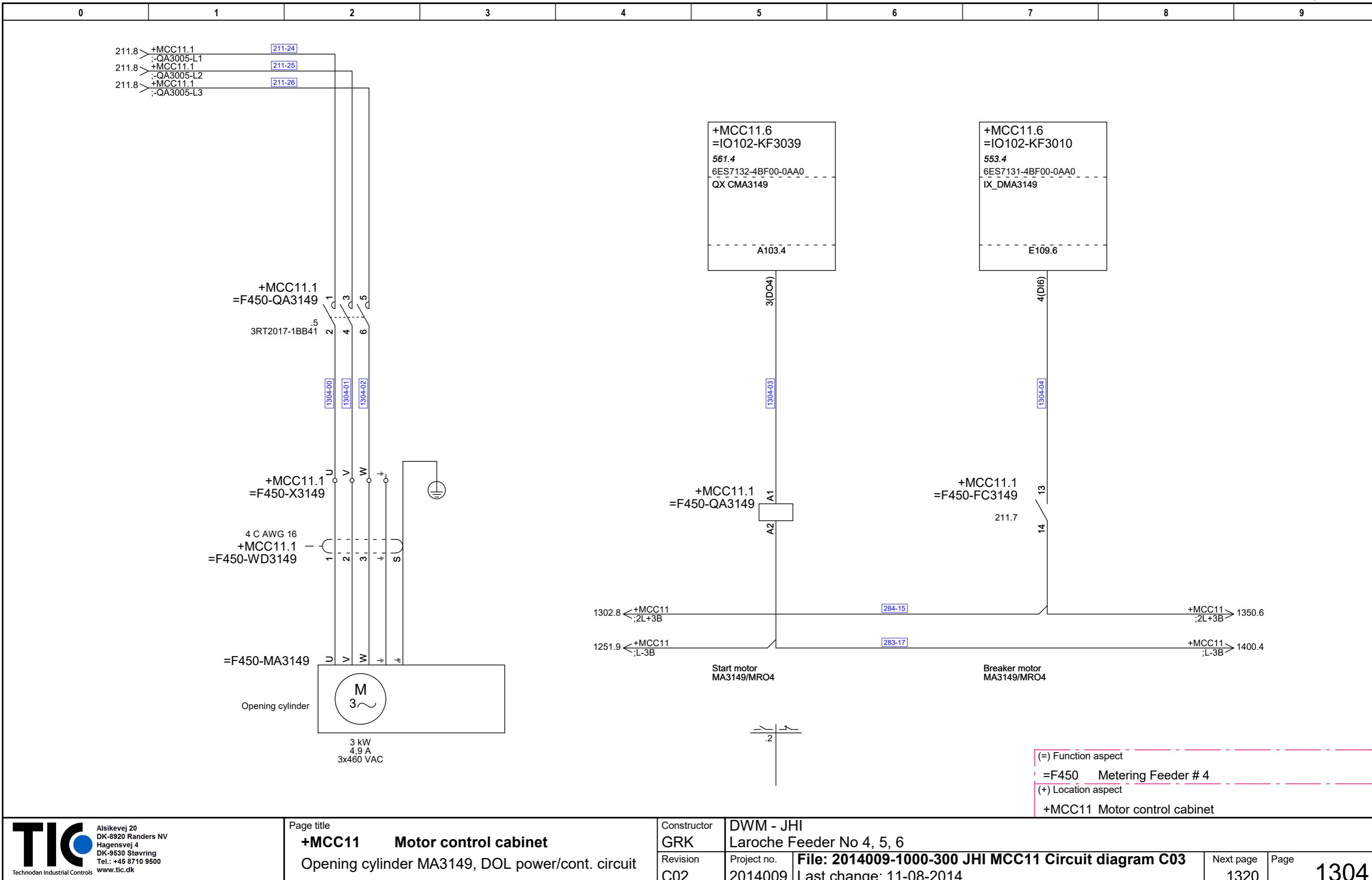


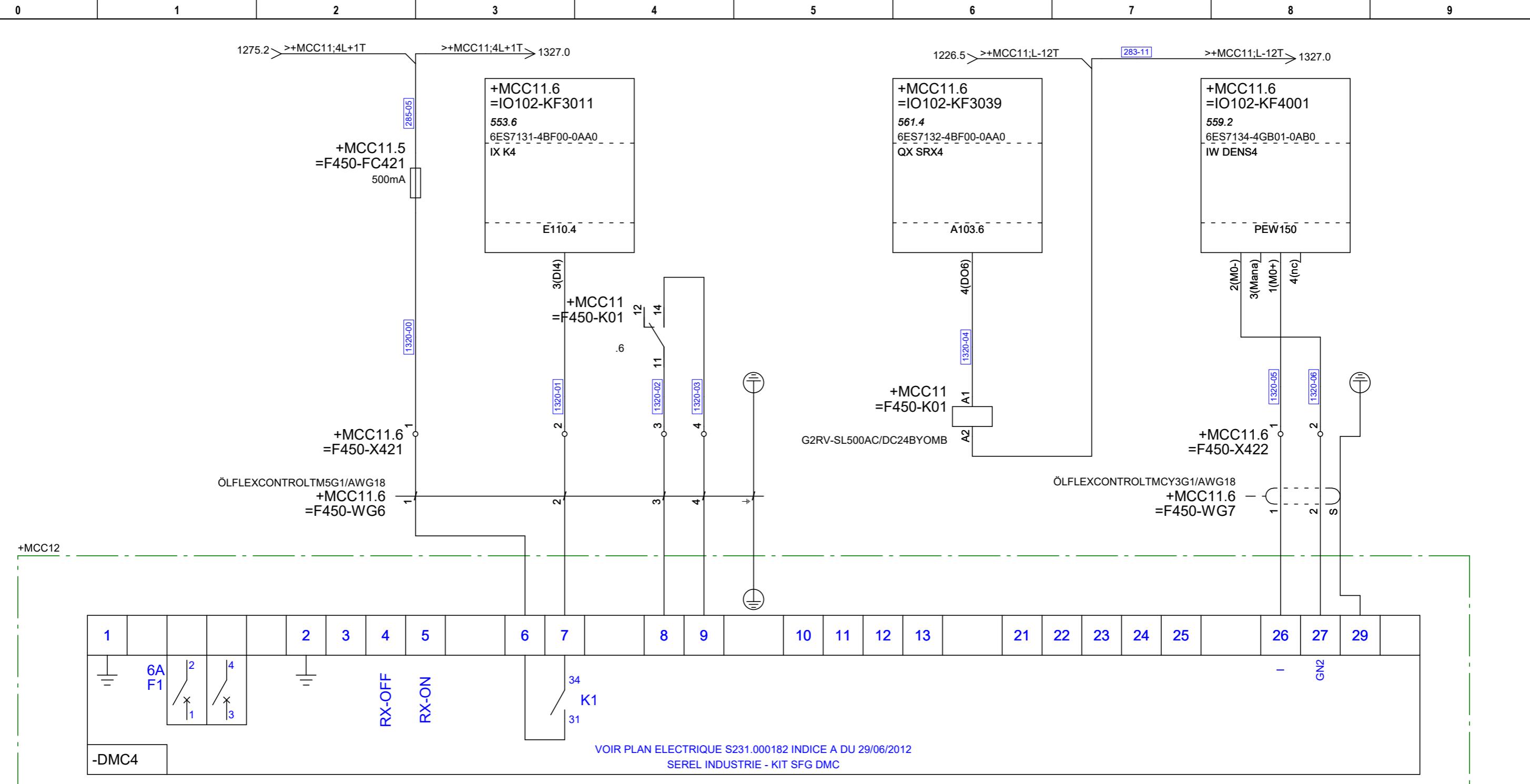
(=) Function aspect
 =F450 Metering Feeder # 4
 (+) Location aspect
 +MCC11 Motor control cabinet





- (=) Function aspect
- =F450 Metering Feeder # 4
- (+) Location aspect
- +MCC11 Motor control cabinet





X-ray system ready

X-ray system on

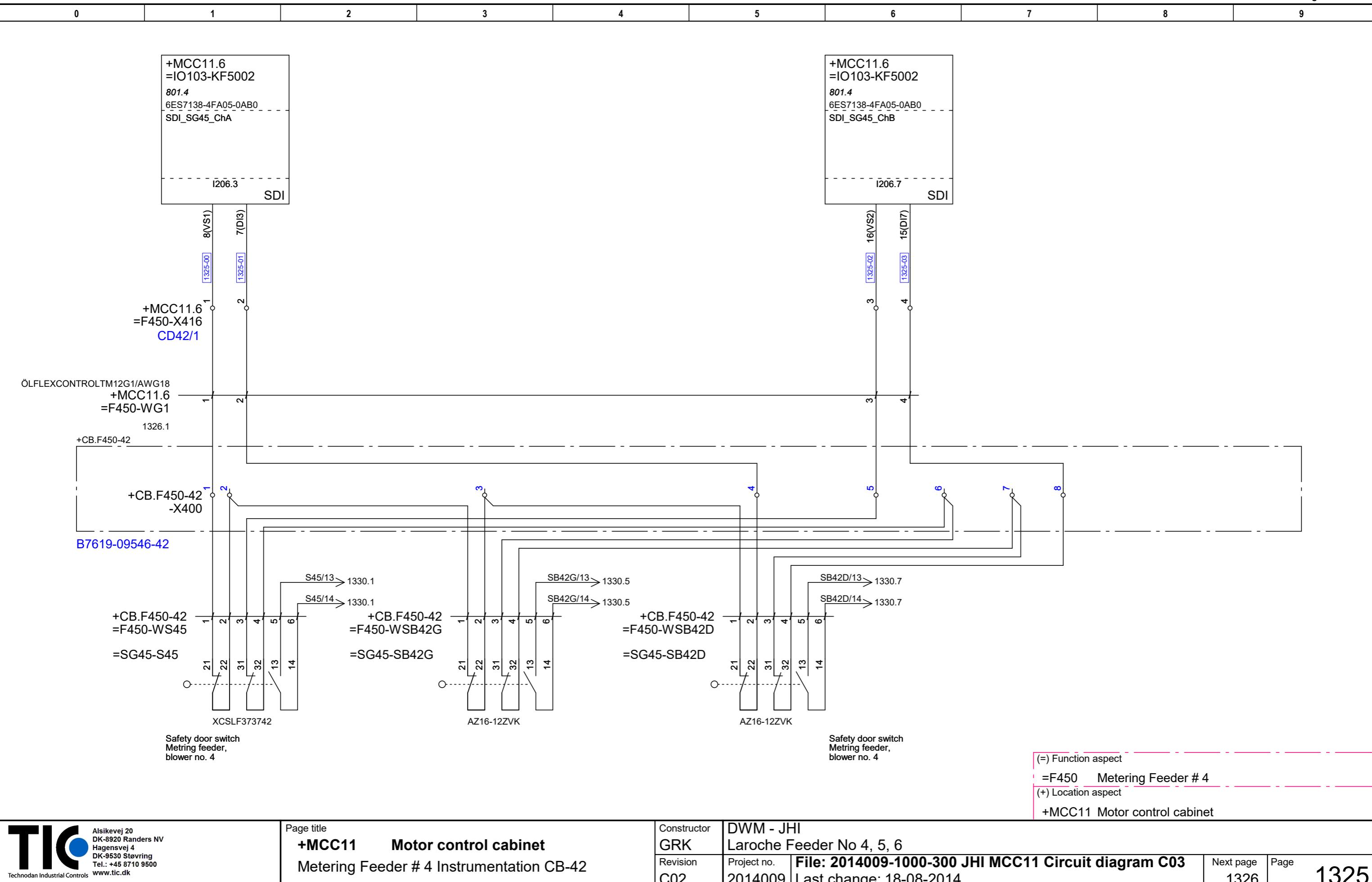
Density analog signal (4-20mA) X-ray system n°4

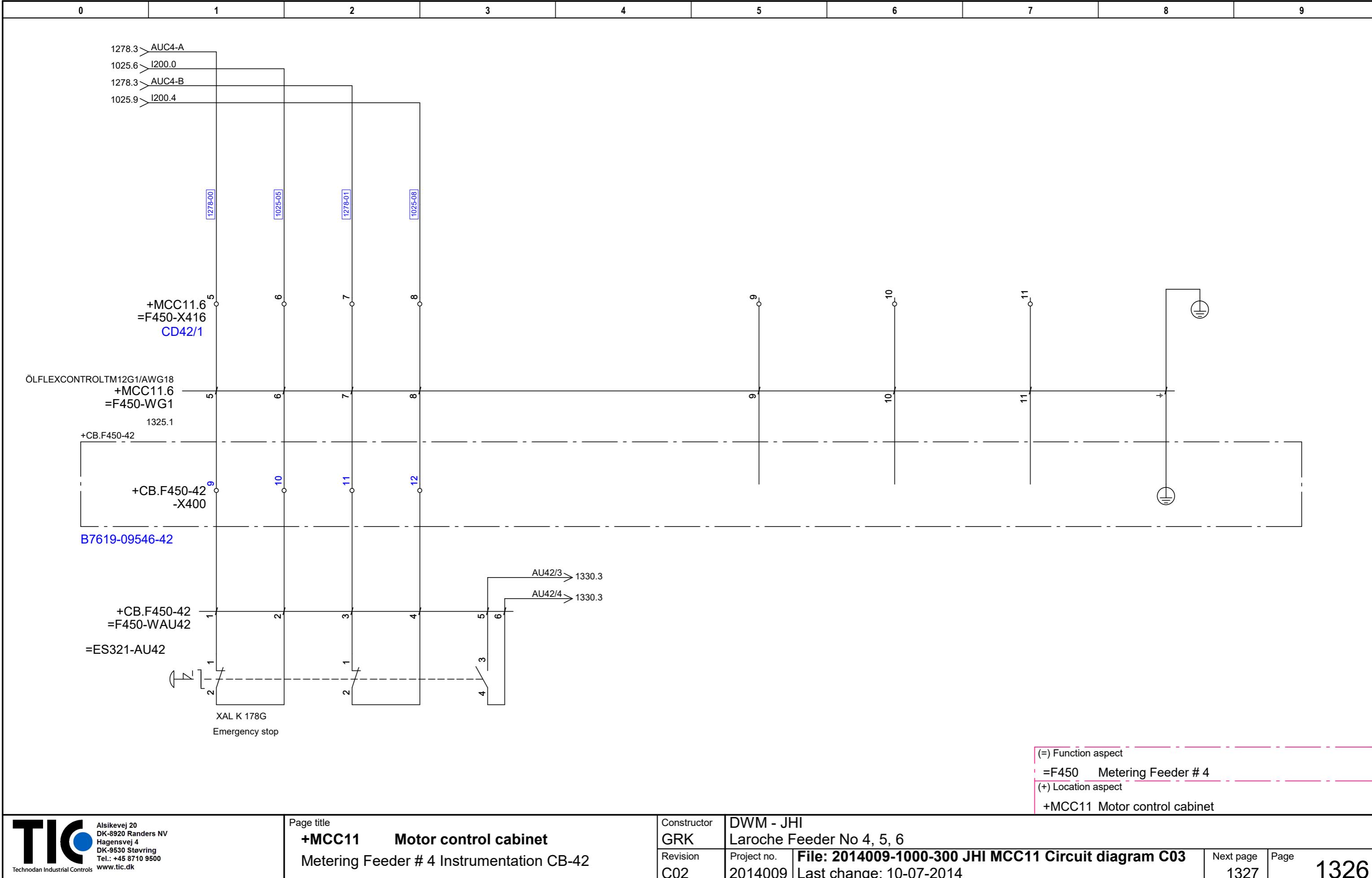
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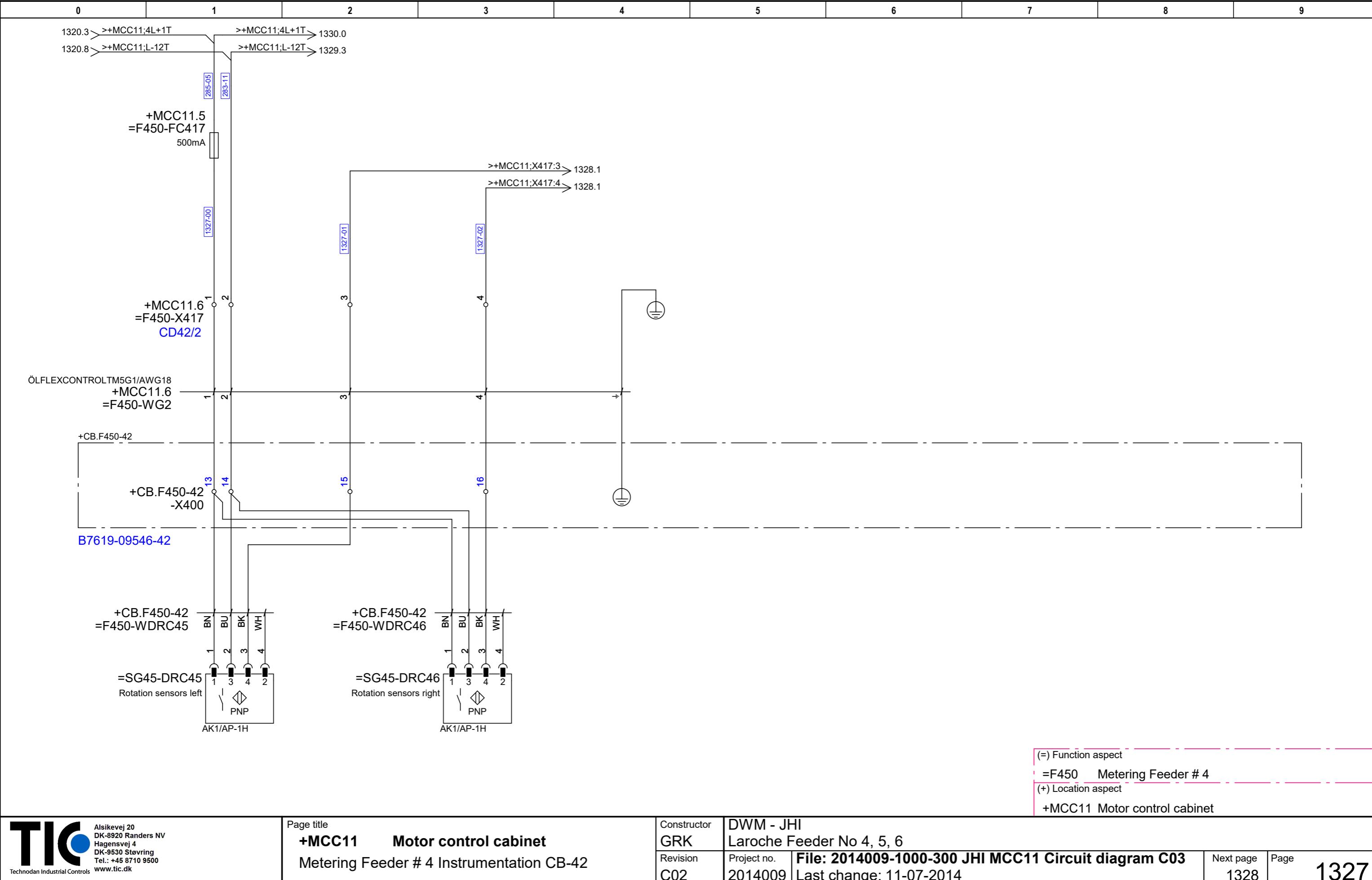
=F450 Metering Feeder # 4

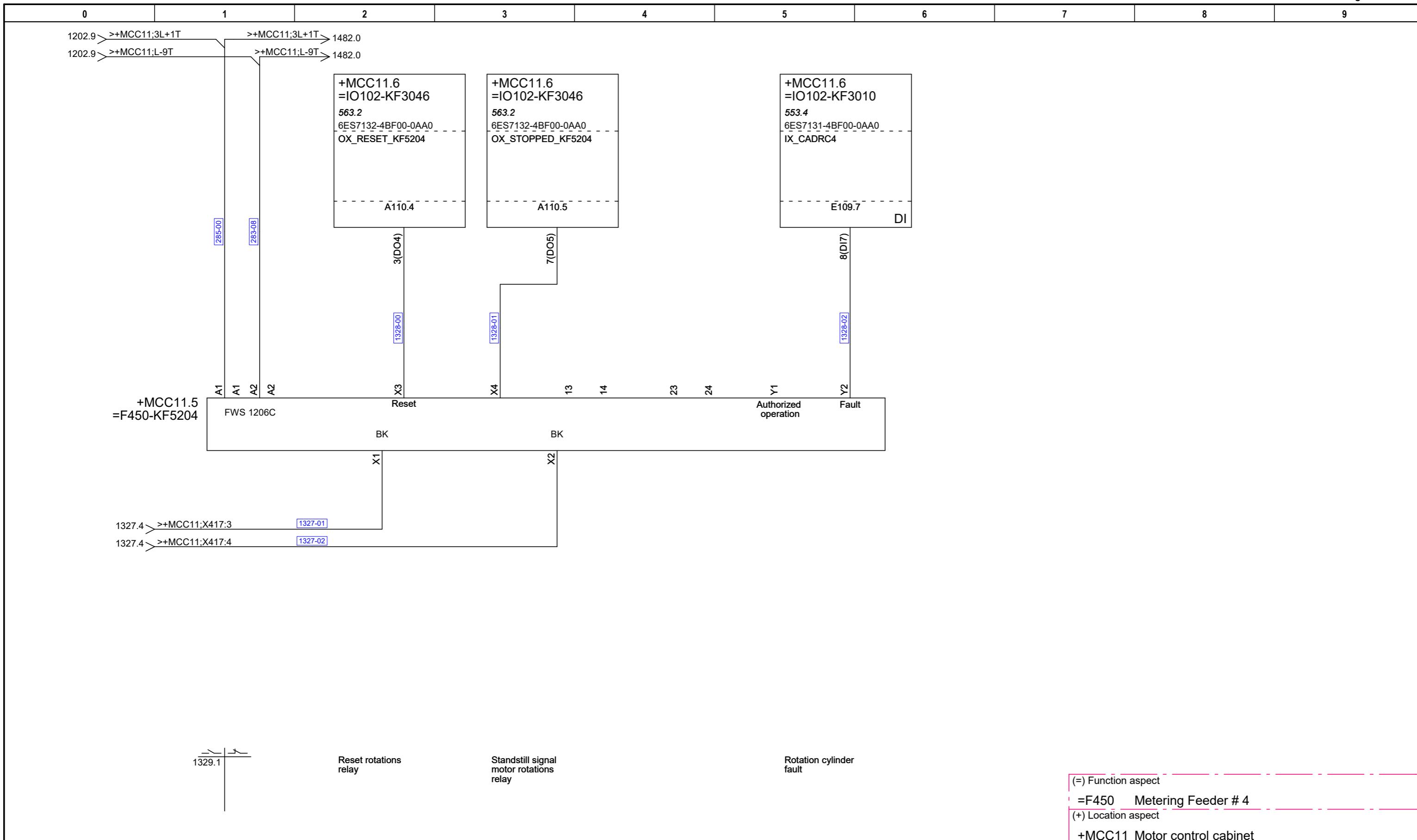
(+) Location aspect

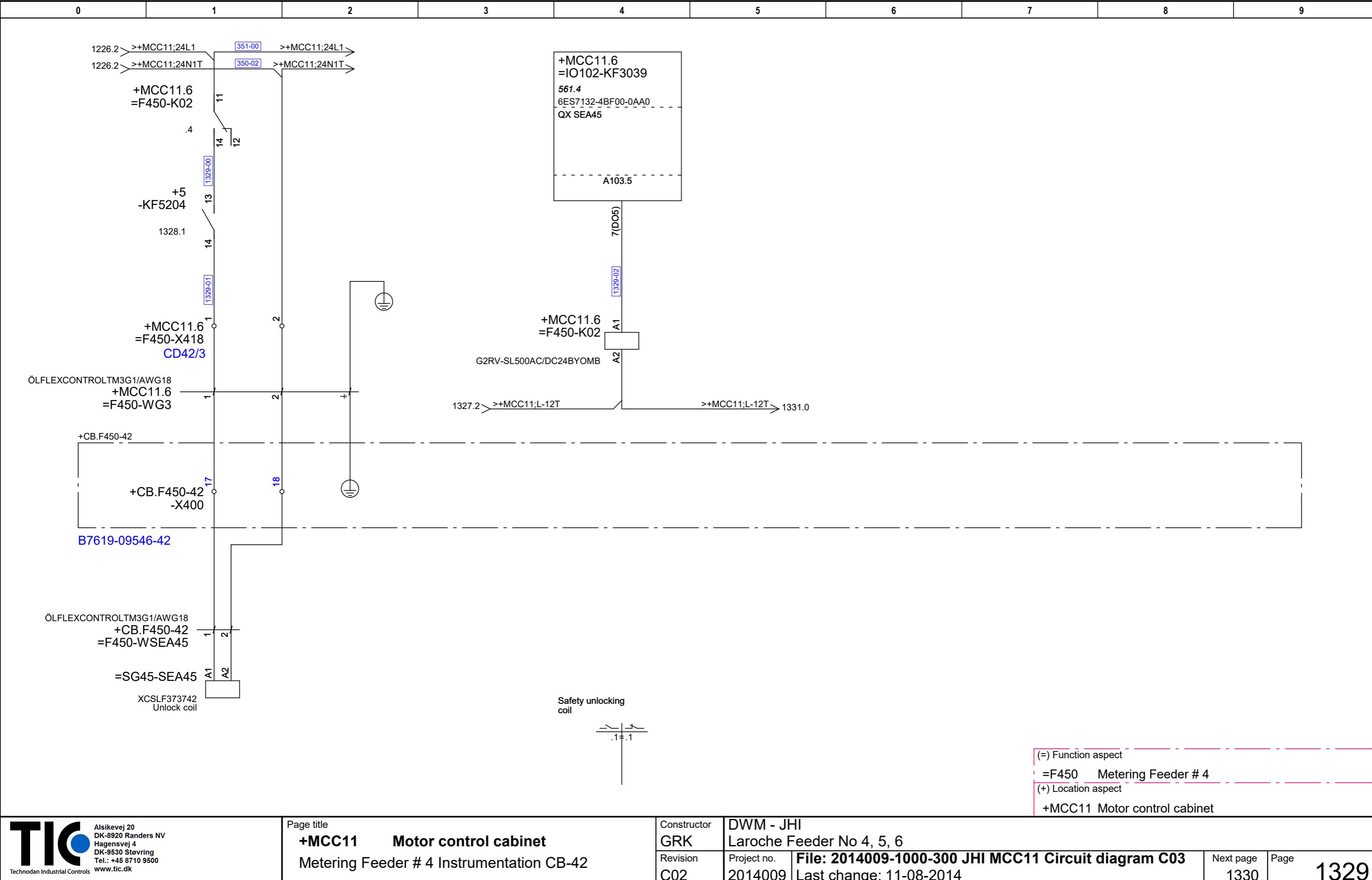
+MCC11 Motor control cabinet

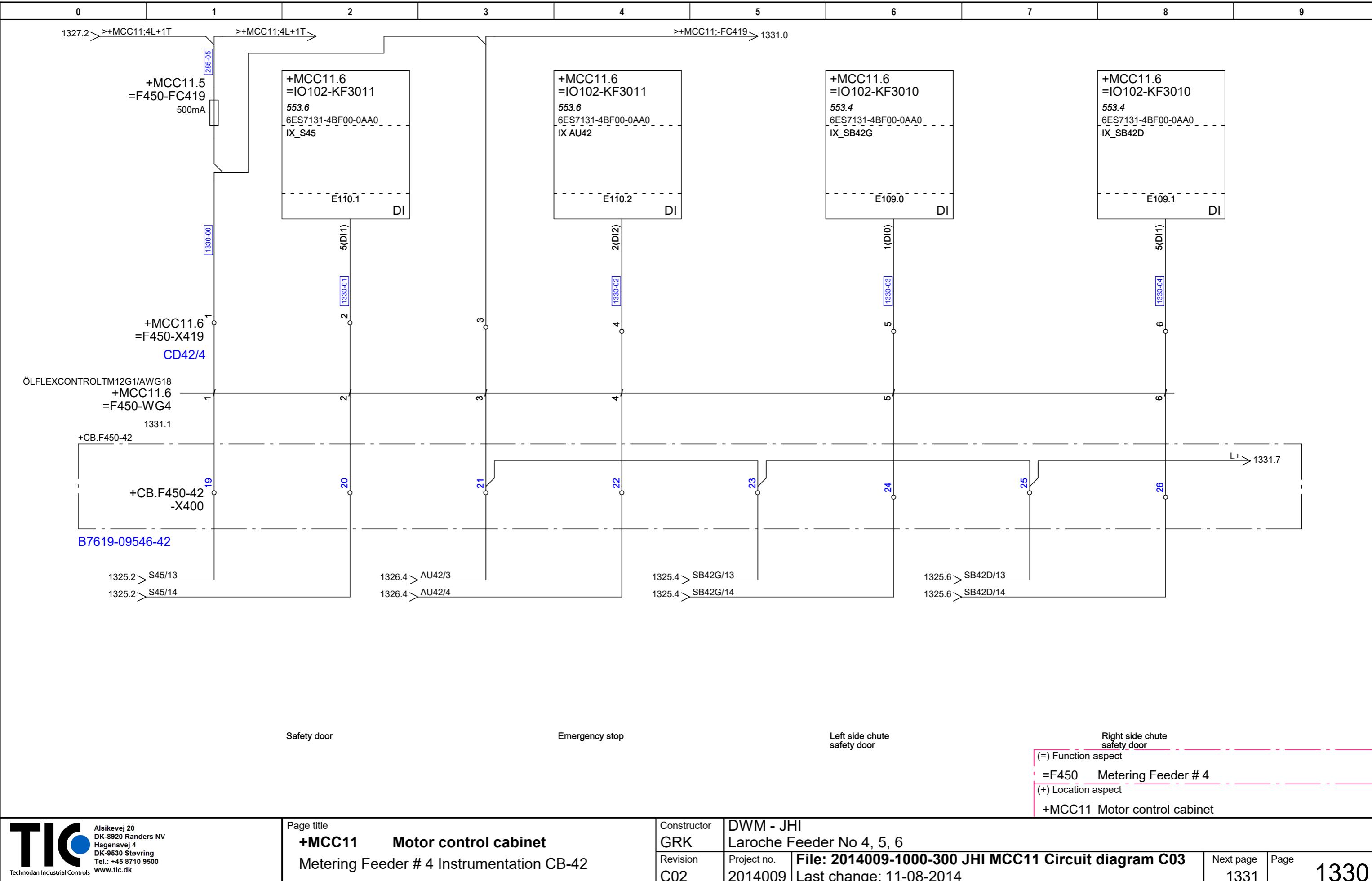


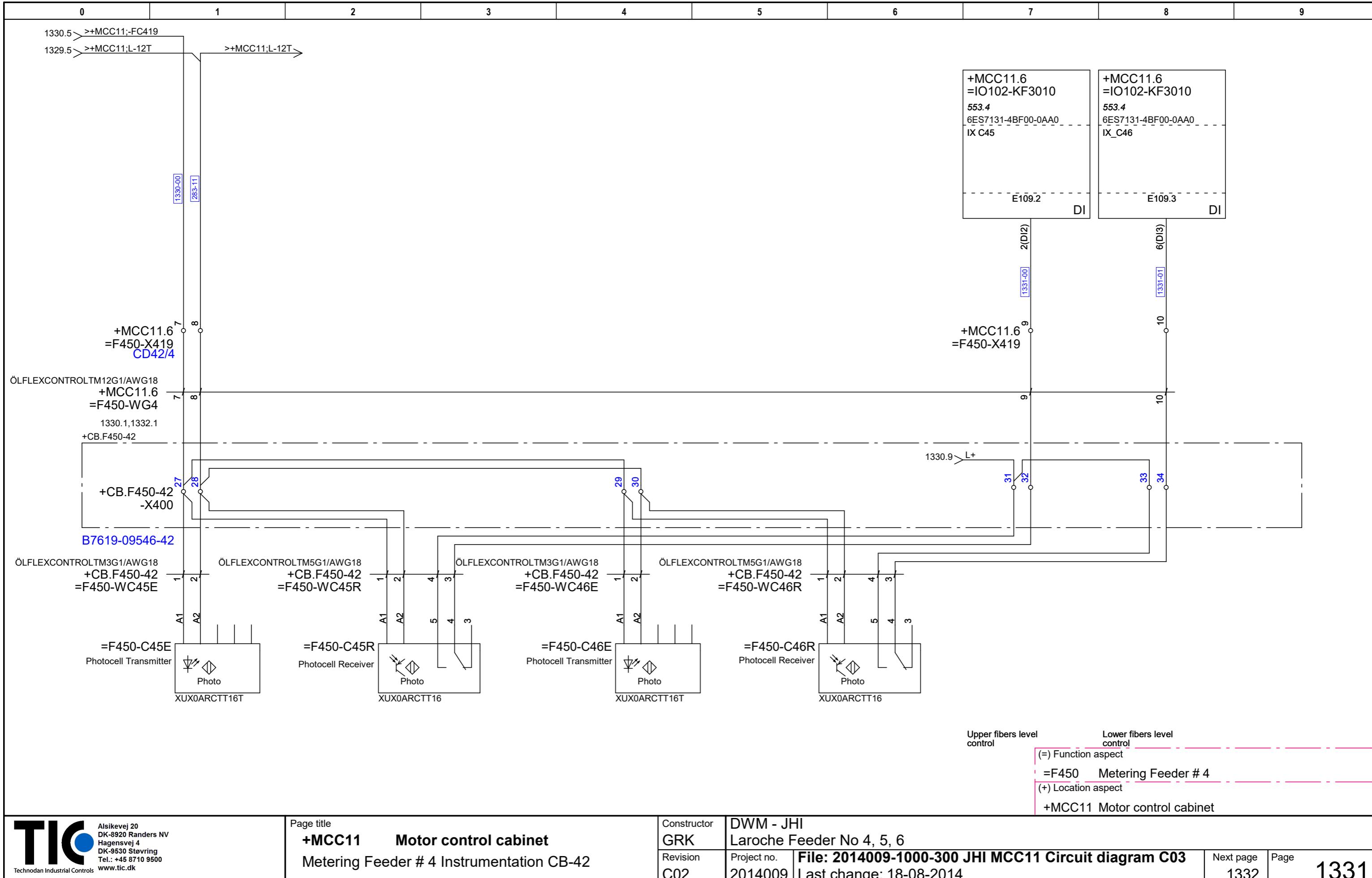




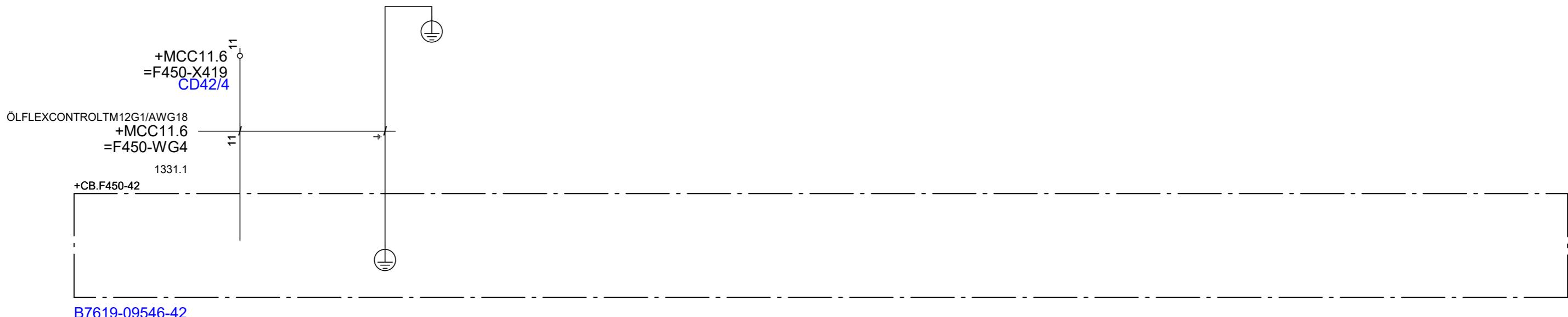




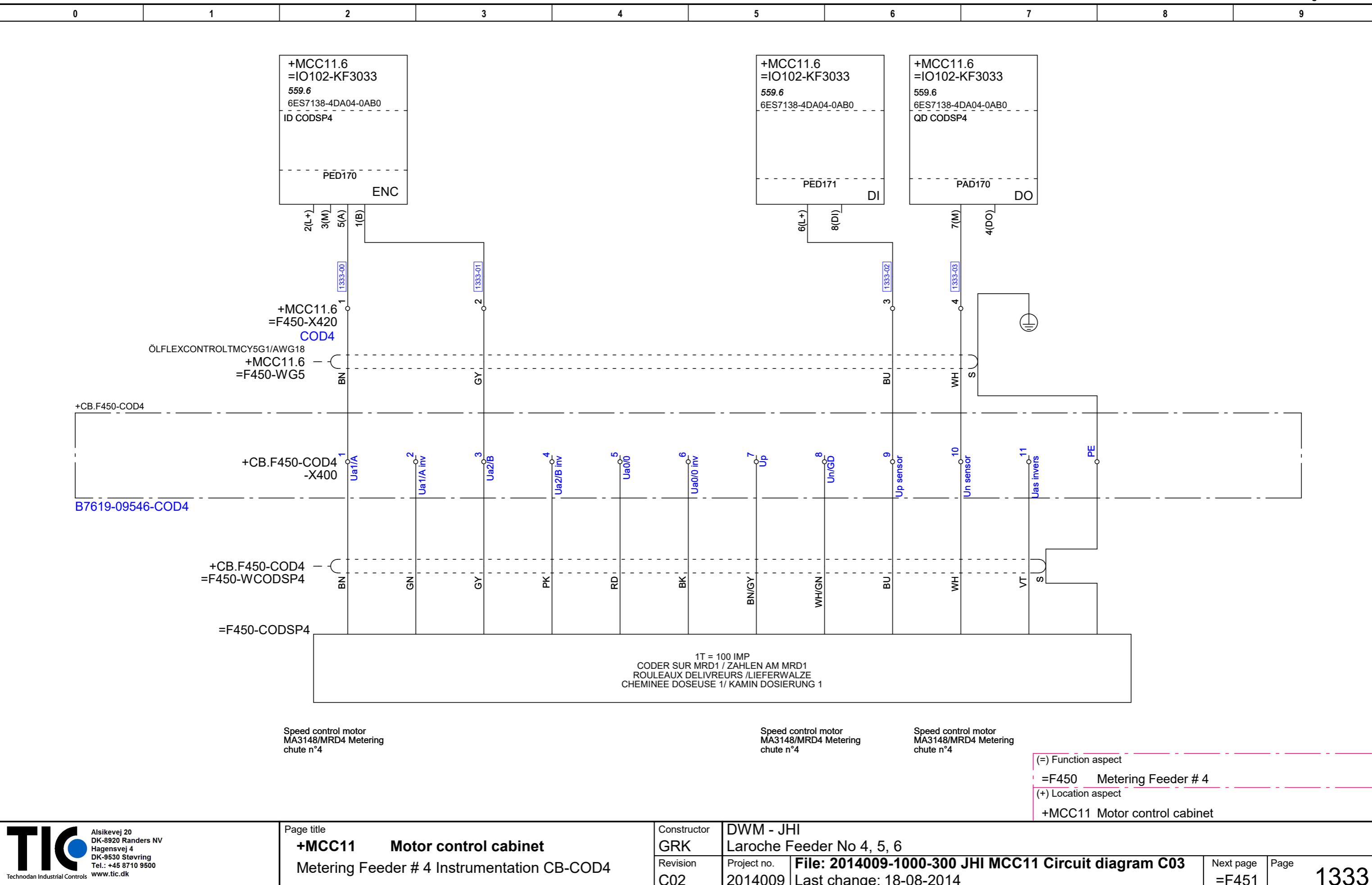




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(=) Function aspect
 =F450 Metering Feeder # 4
 (+) Location aspect
 +MCC11 Motor control cabinet

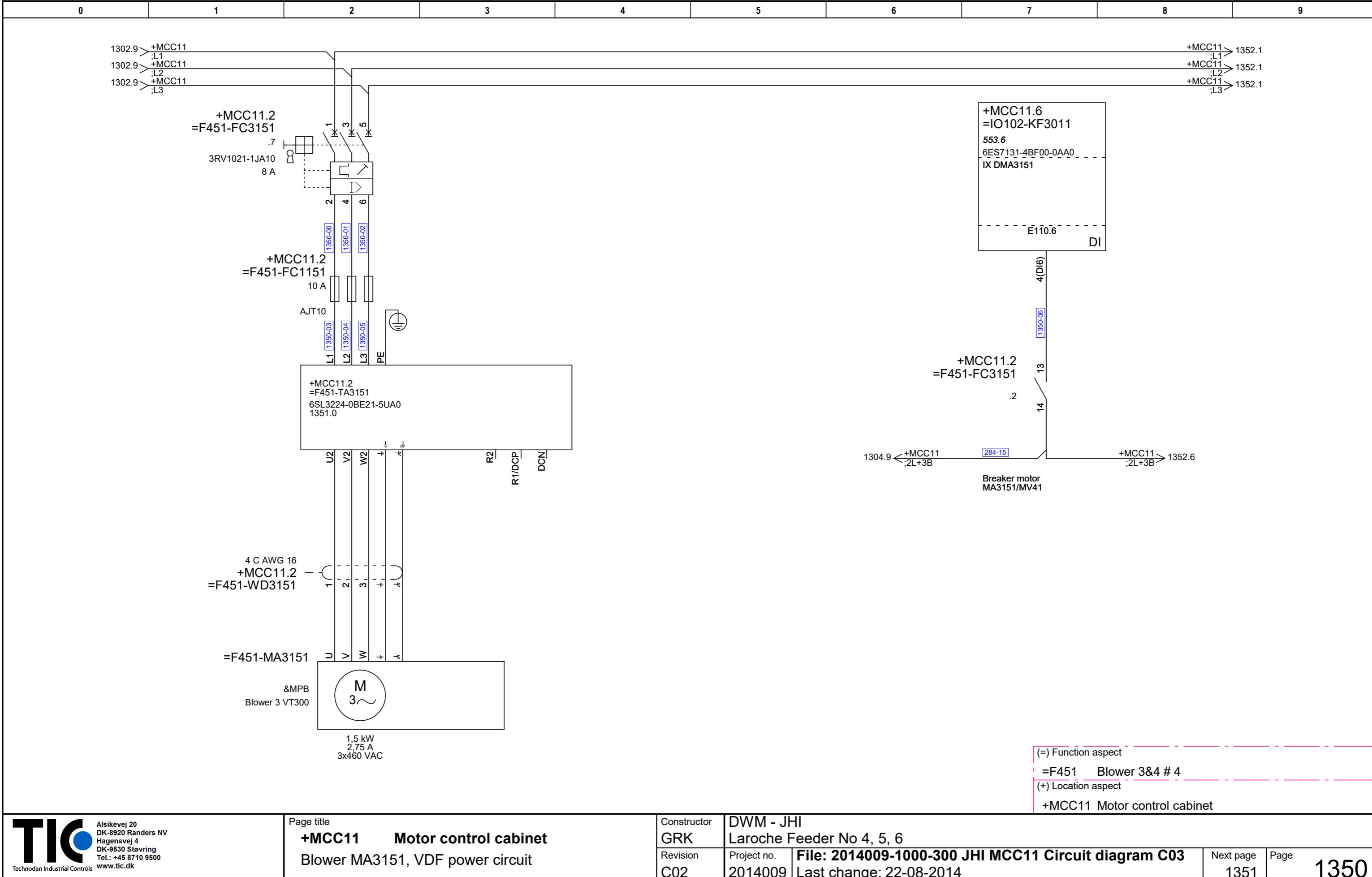


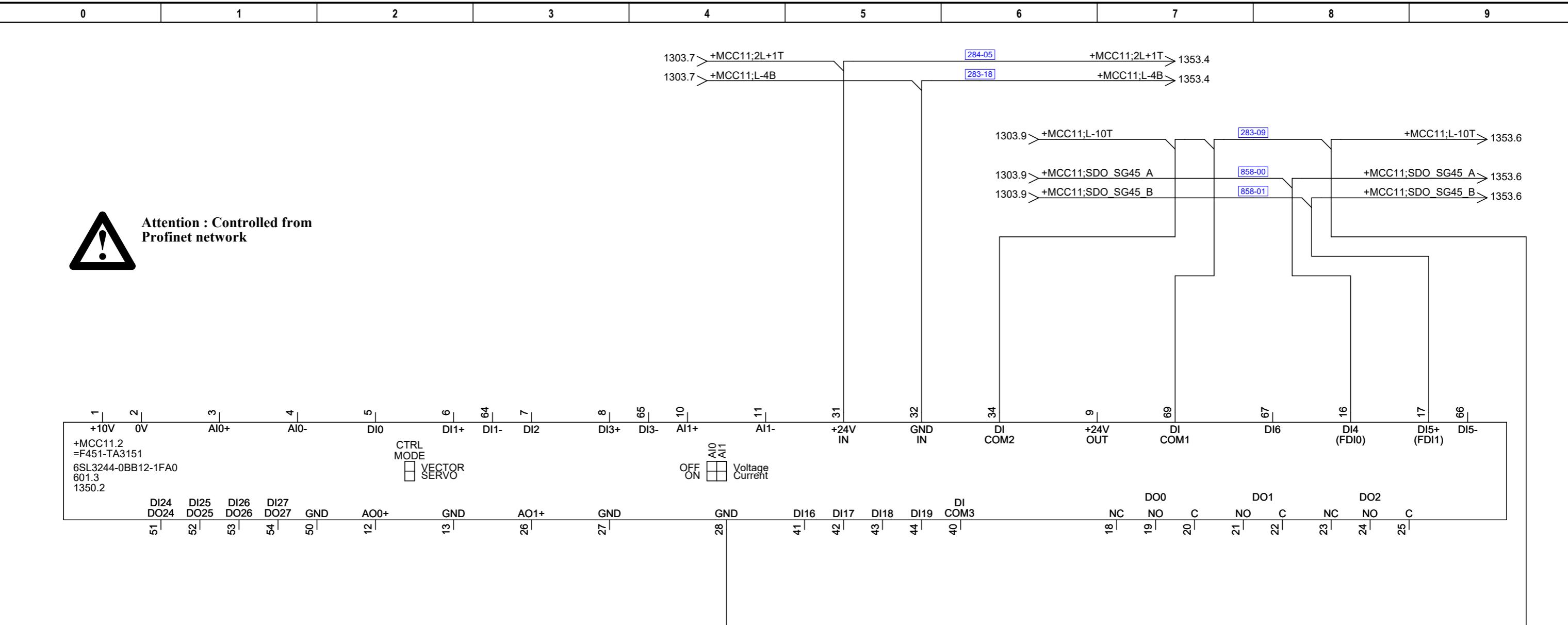
Blower 3&4 # 4



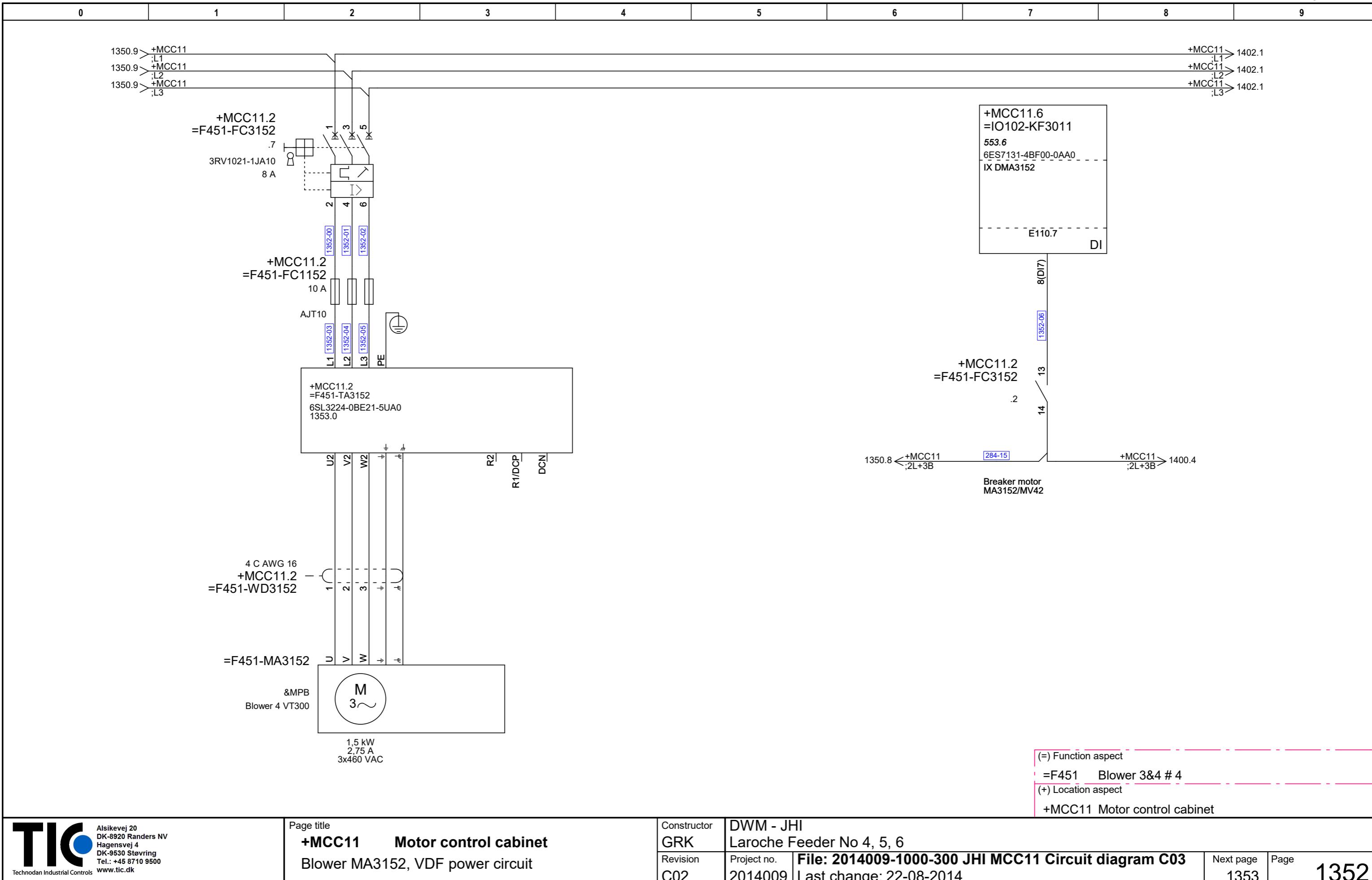
Technodan Industrial Controls

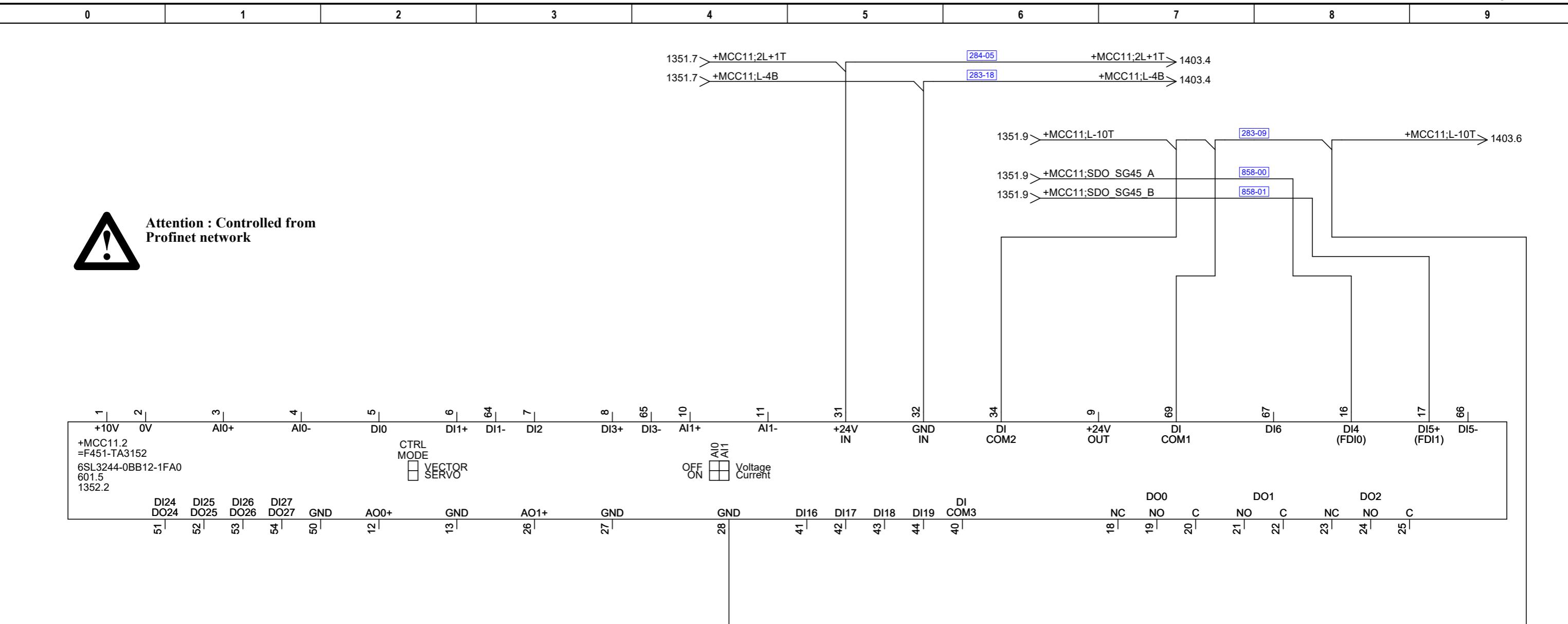
Alsikevej 20
DK-8920 Randers NV
Hagensvej 4
DK-9530 Støvring
Tel.: +45 8710 9500
www.tic.dk





(=) Function aspect
 =F451 Blower 3&4 # 4
 (+) Location aspect
 +MCC11 Motor control cabinet





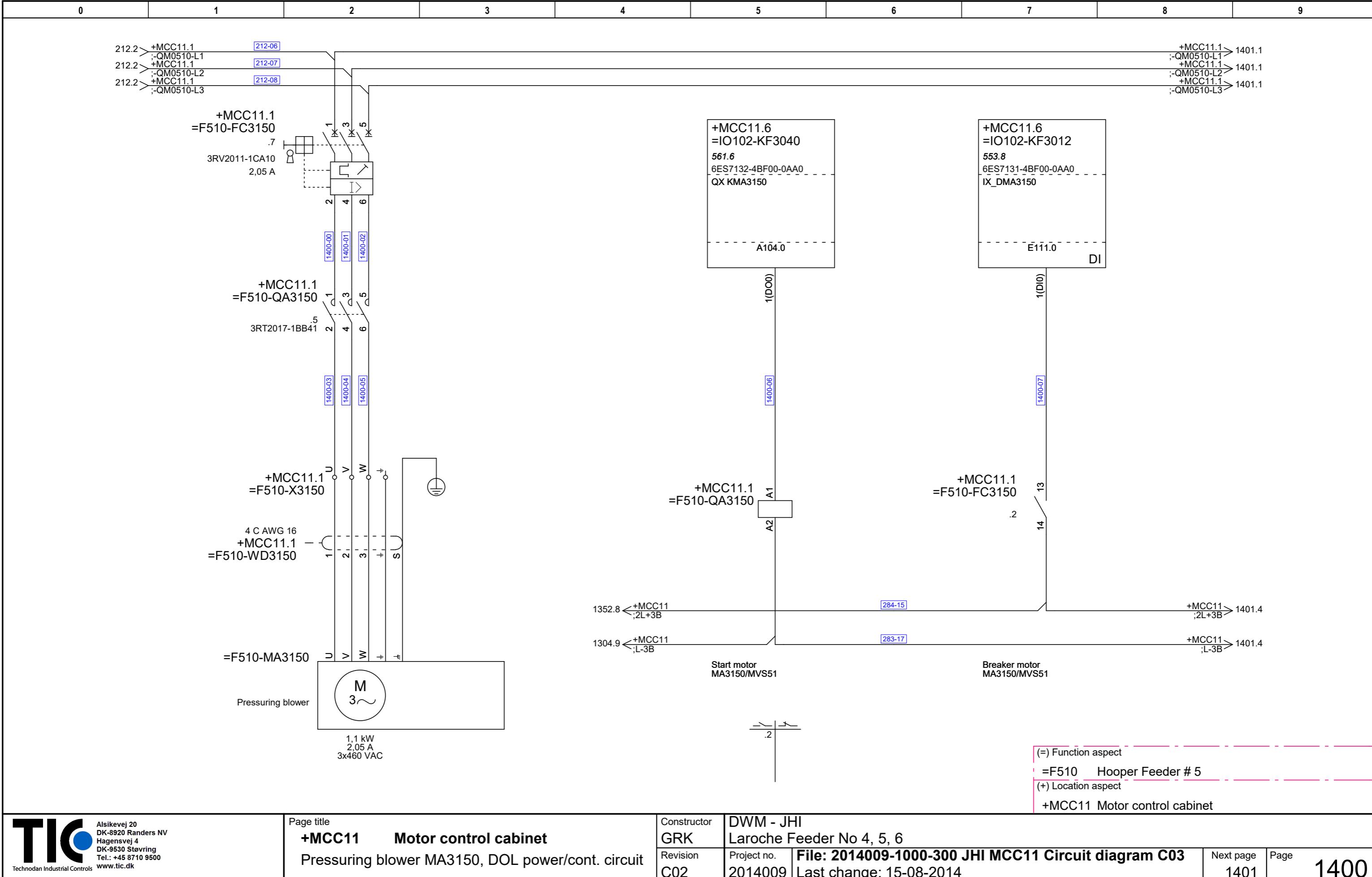
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 (+) Location aspect
 +MCC11 Motor control cabinet

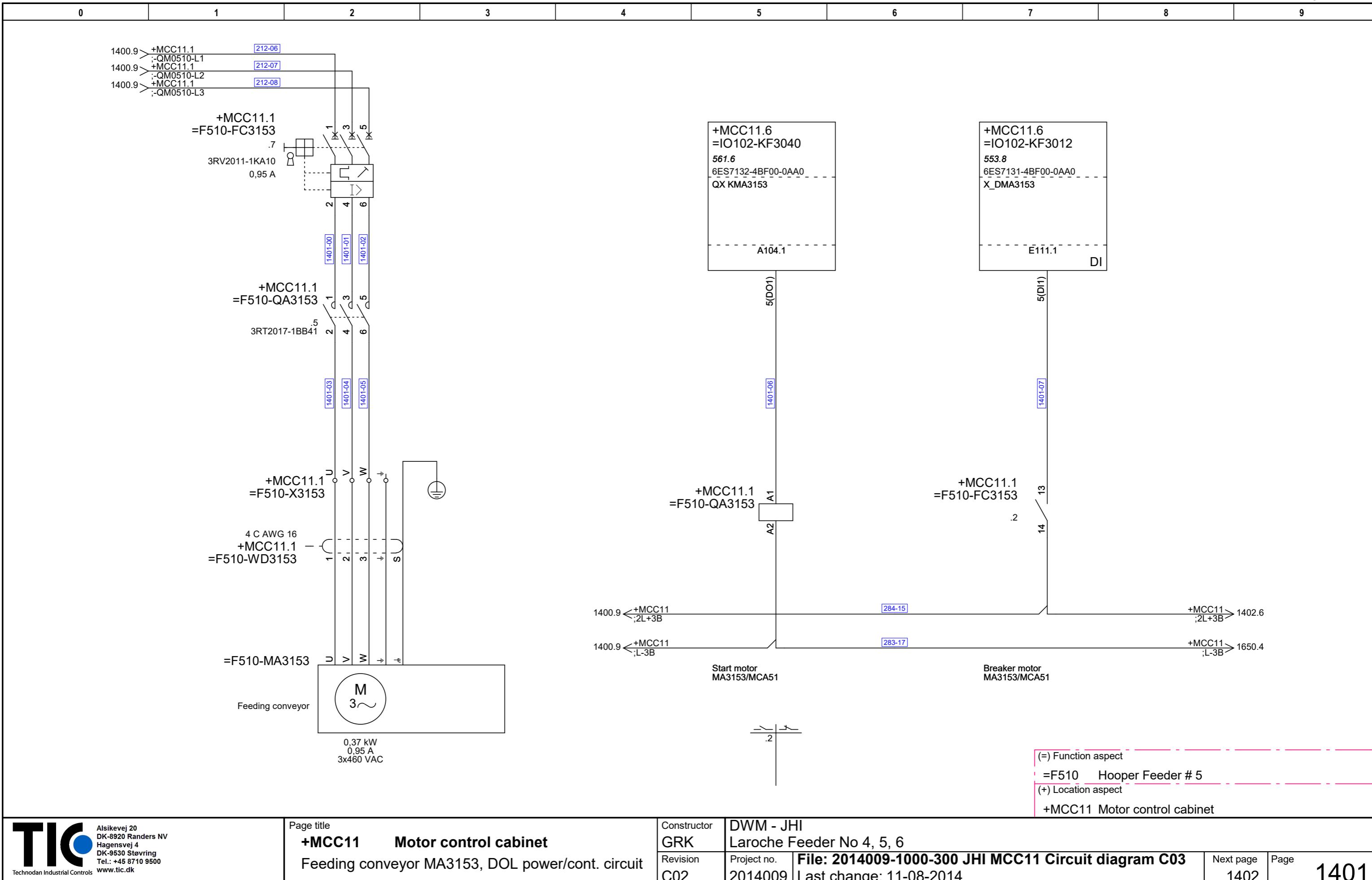
Hooper Feeder # 5

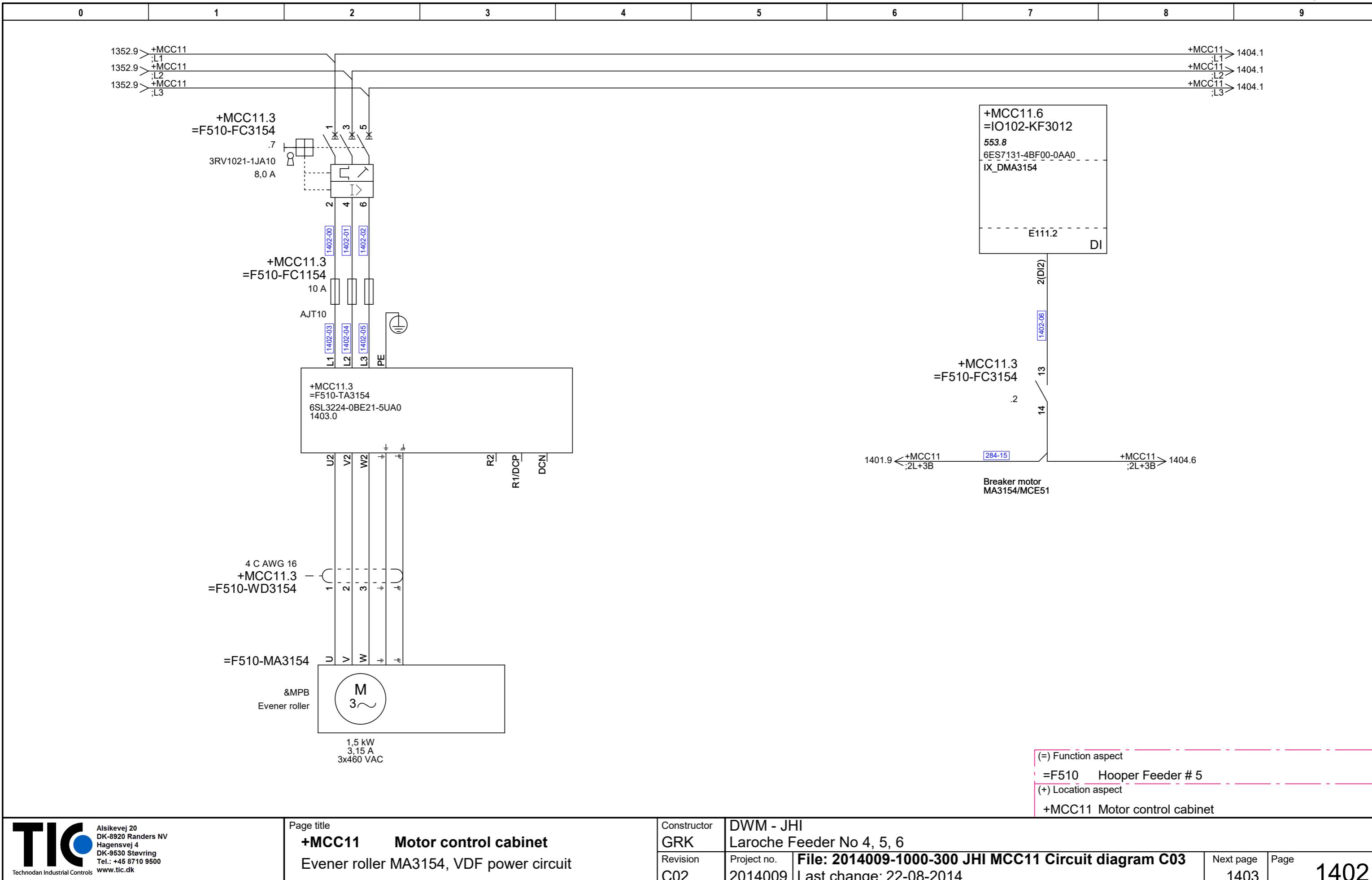


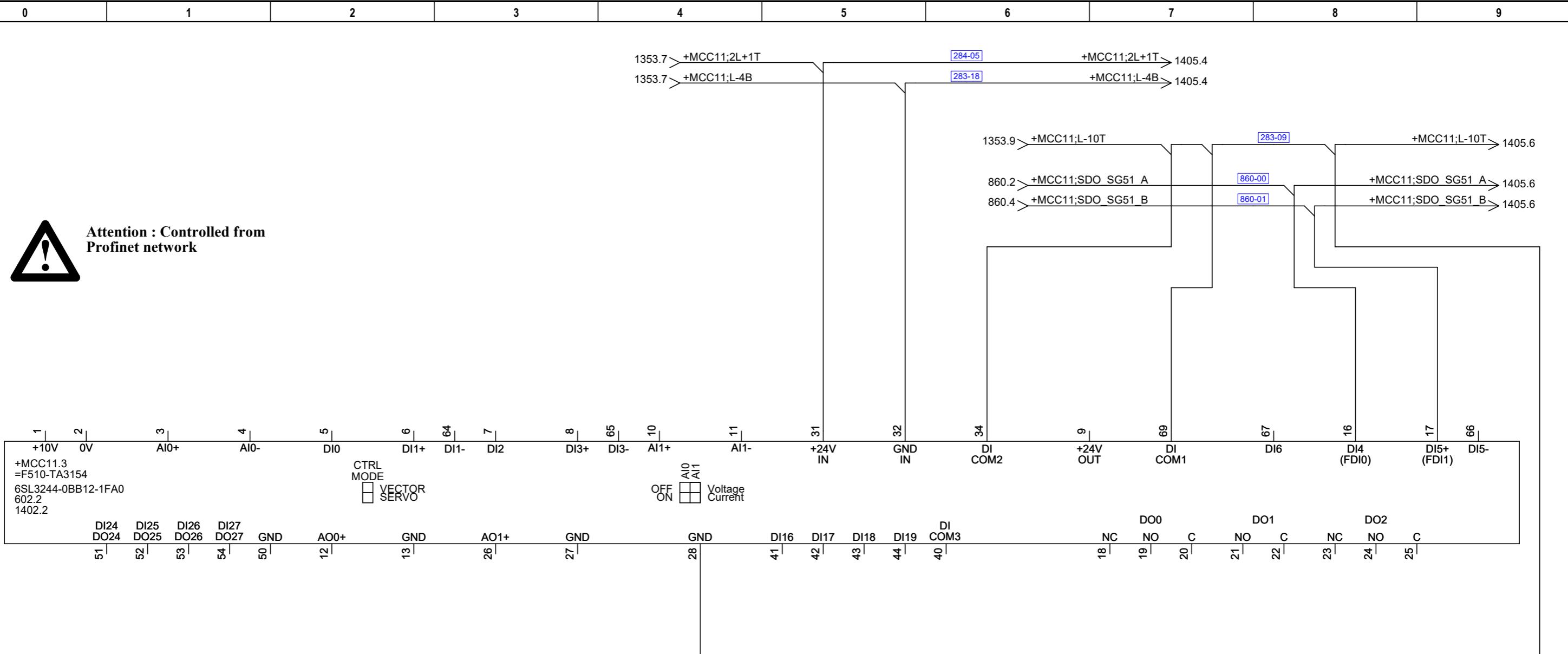
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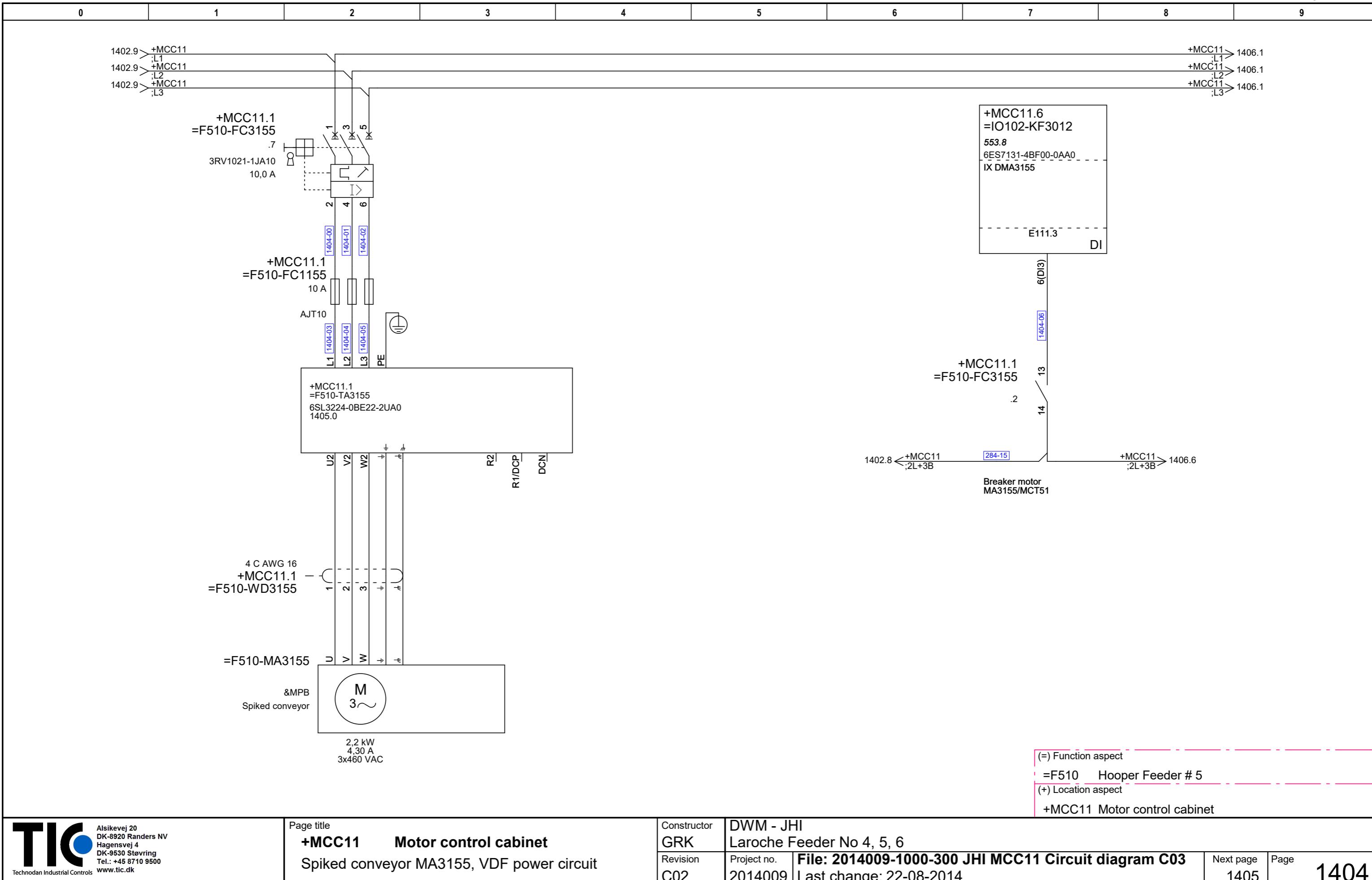


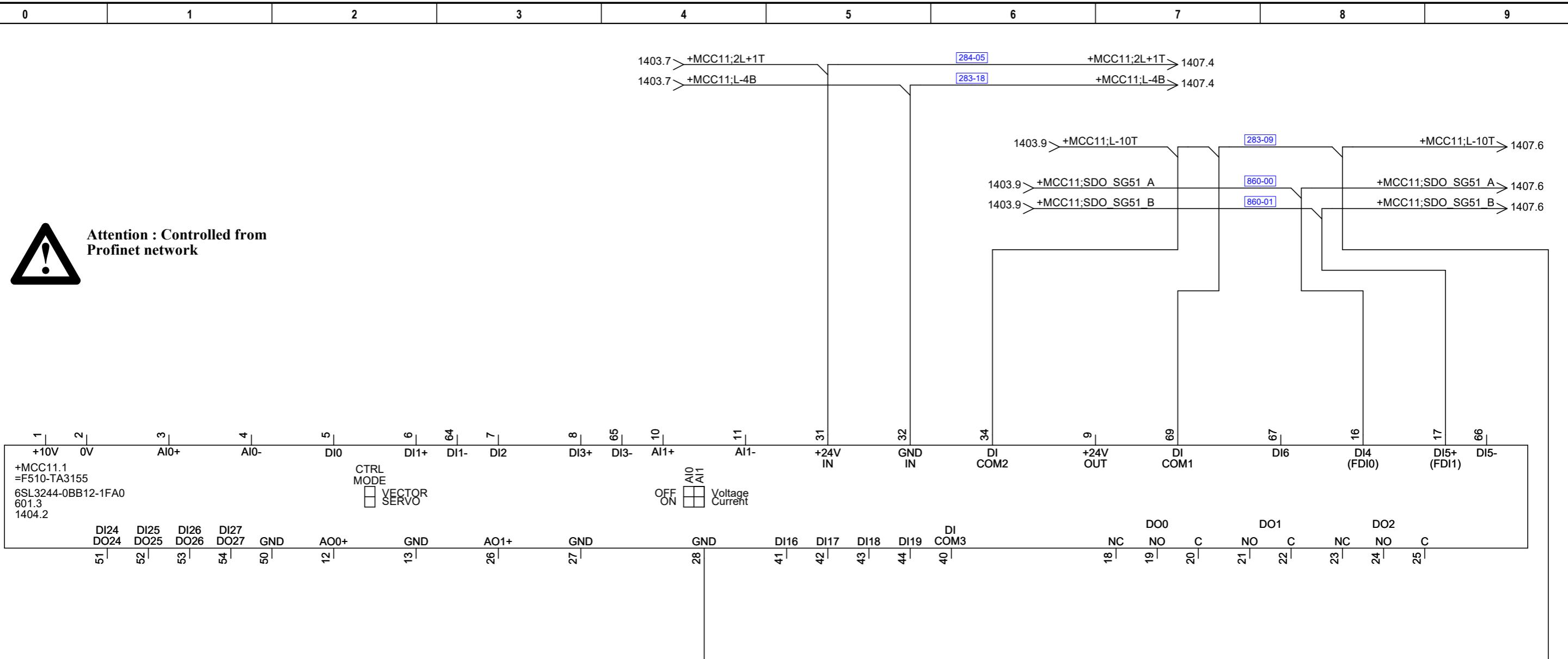
(=) Function aspects

=F510 Hooper Feeder # 5

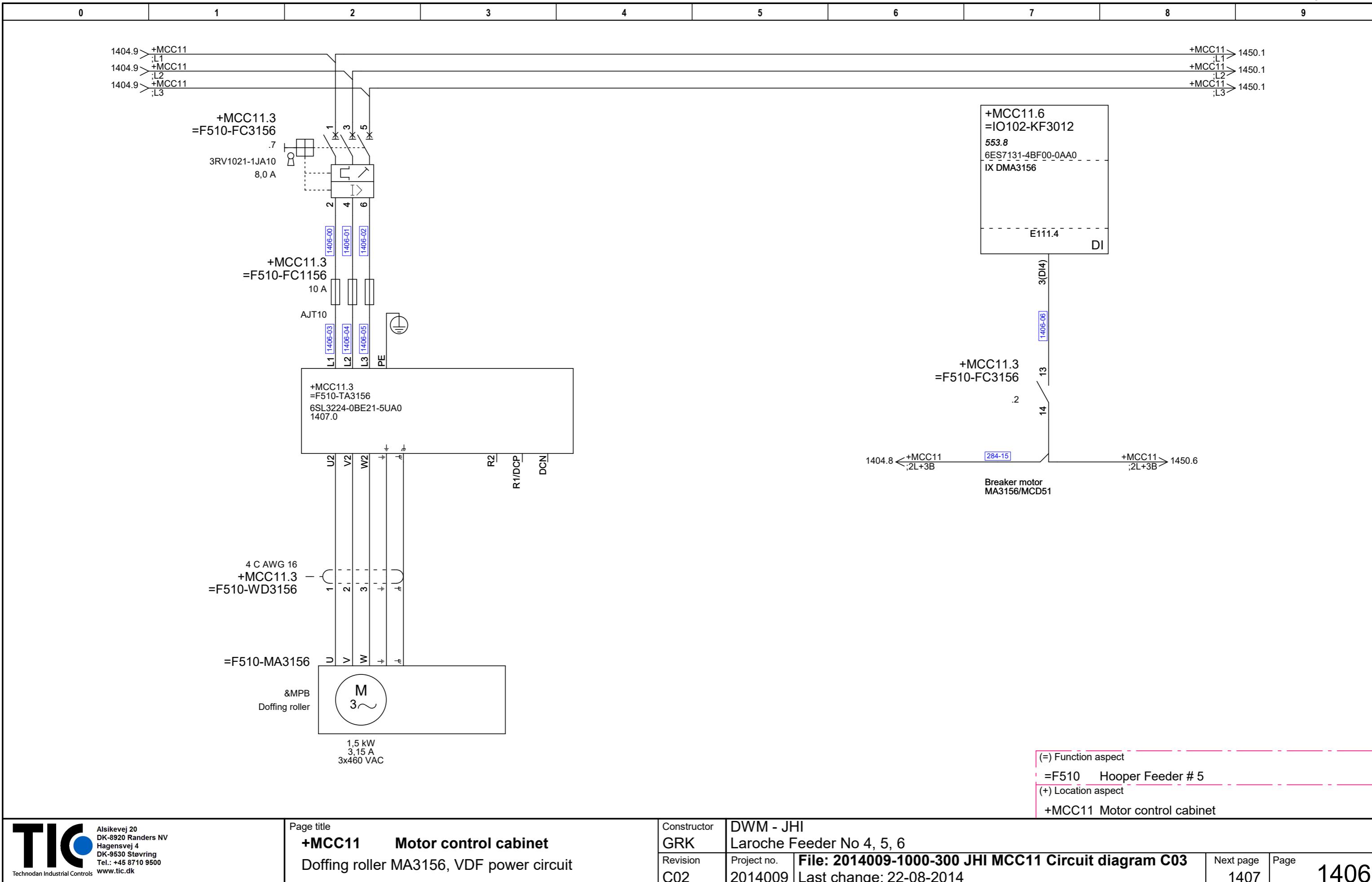
(+) Location aspect

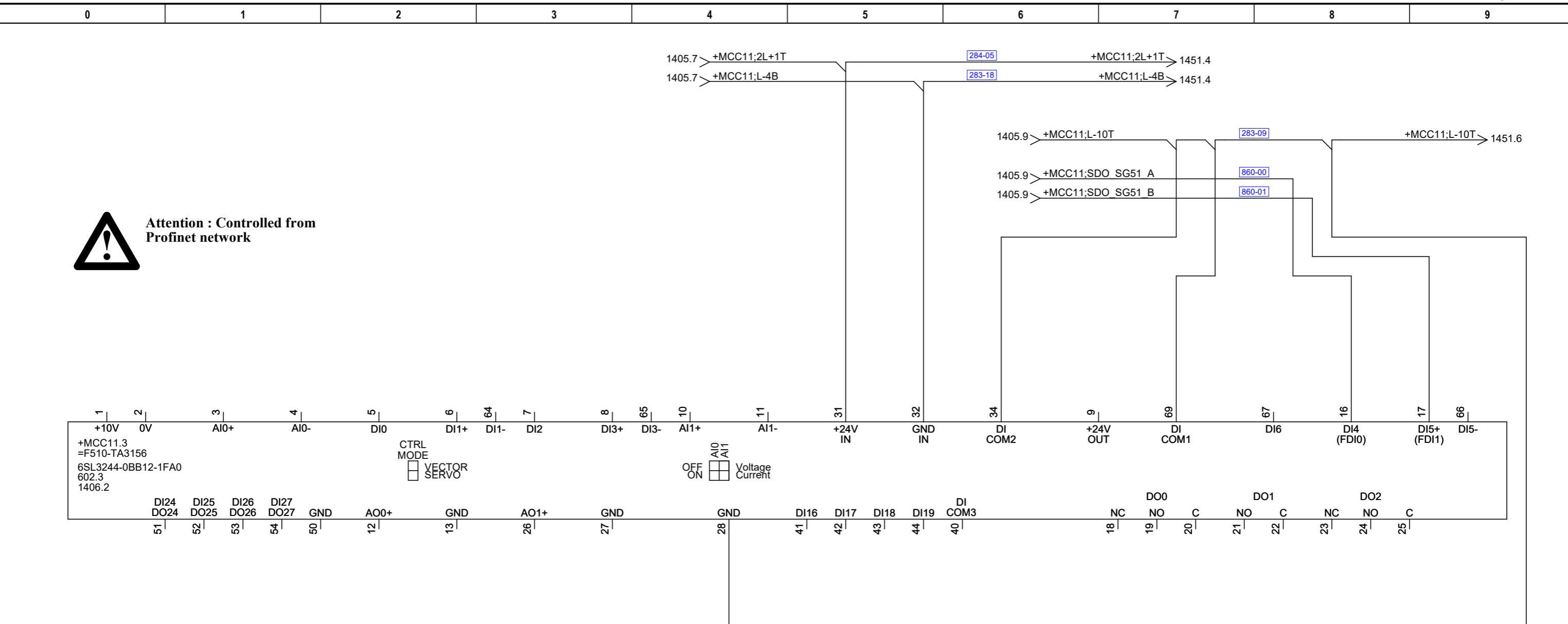
+MCC11 Motor control cabinet



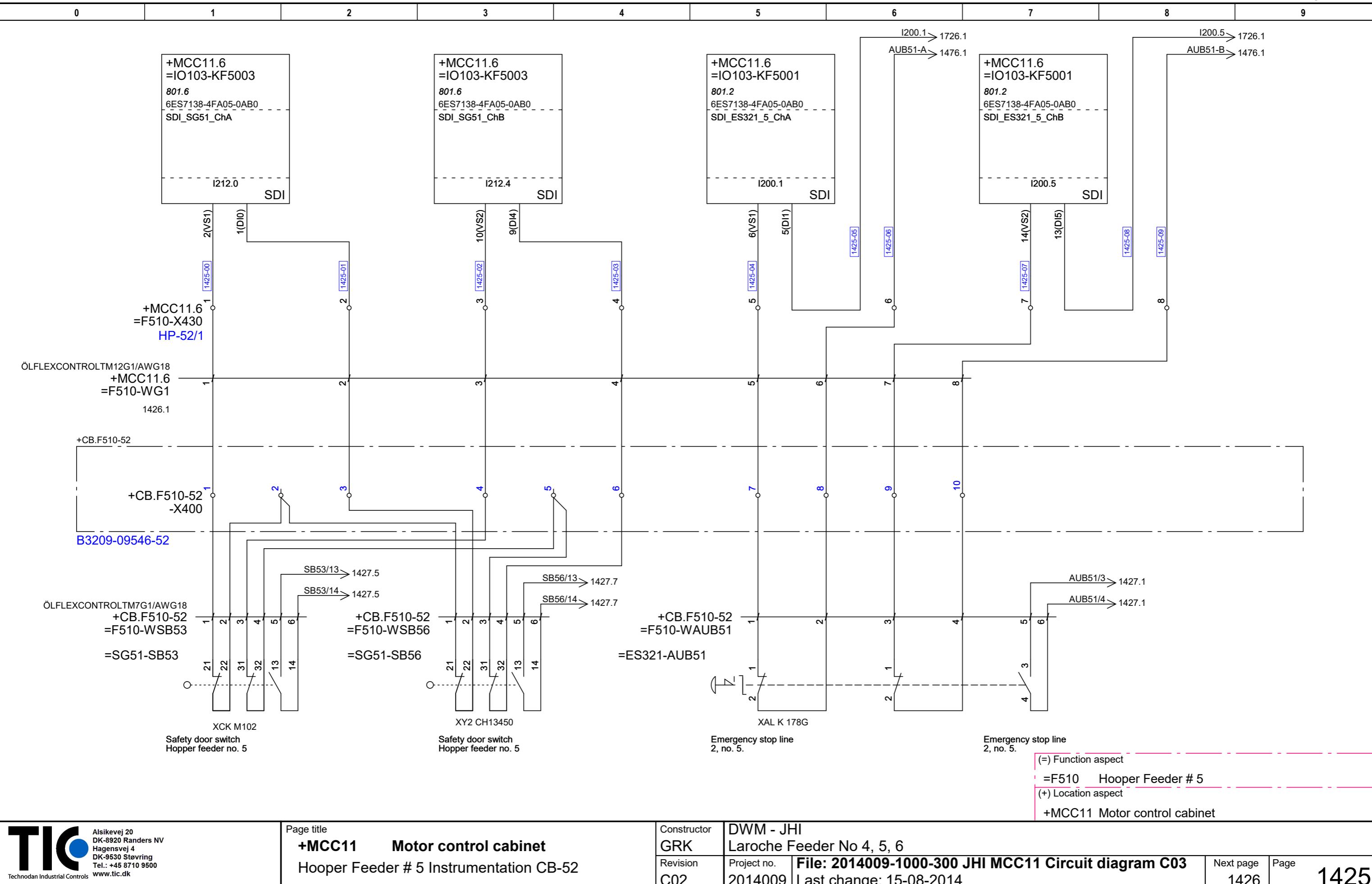


- (=) Function aspect
 - =F510 Hooper Feeder # 5
- (+) Location aspect
 - +MCC11 Motor control cabinet

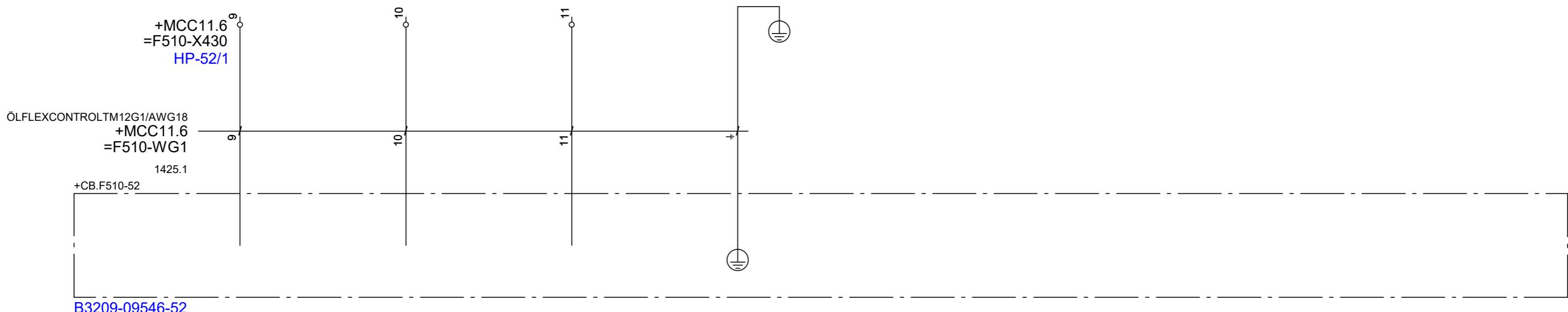




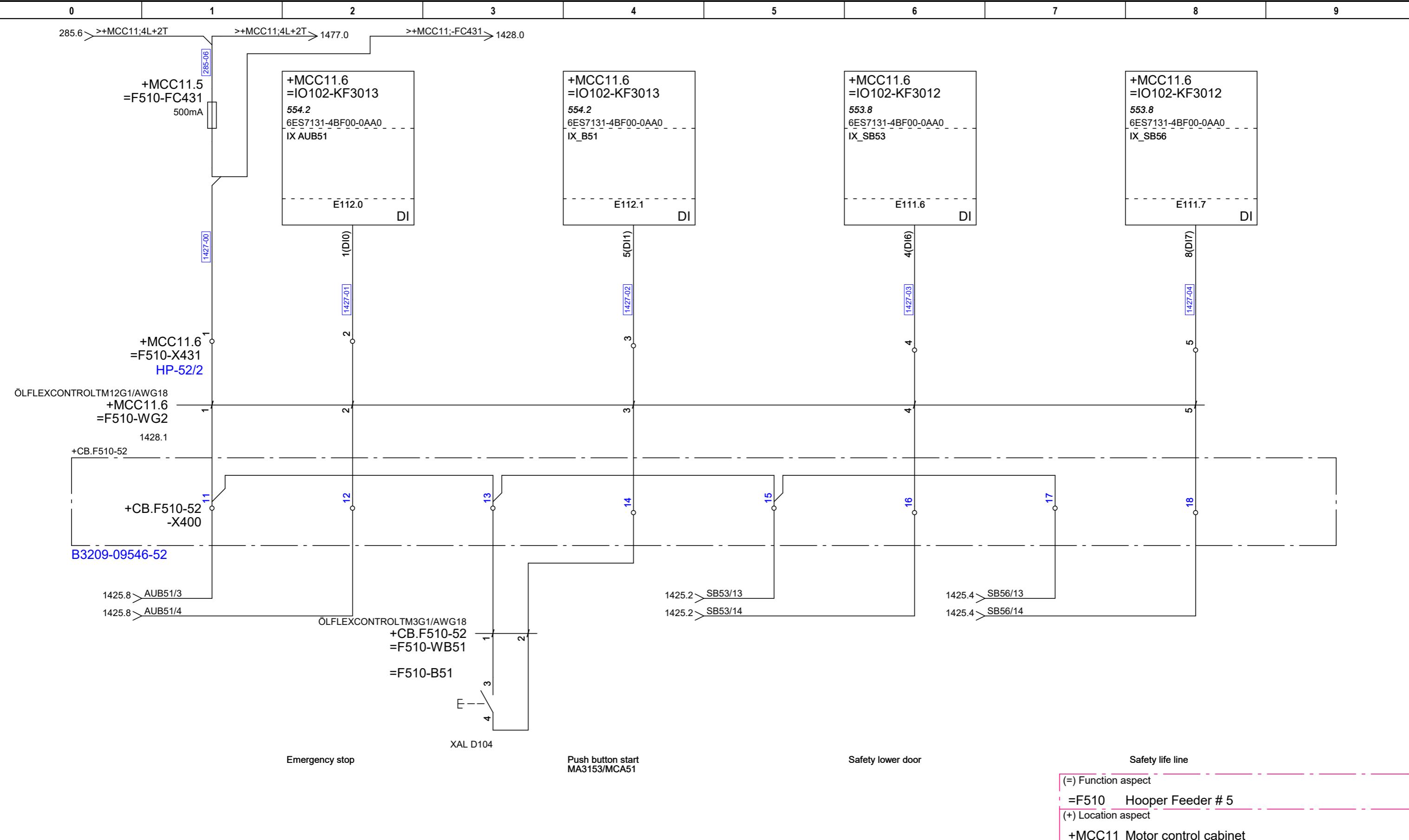
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 =F510 Hooper Feeder # 5
 (+) Location aspect
 +MCC11 Motor control cabinet

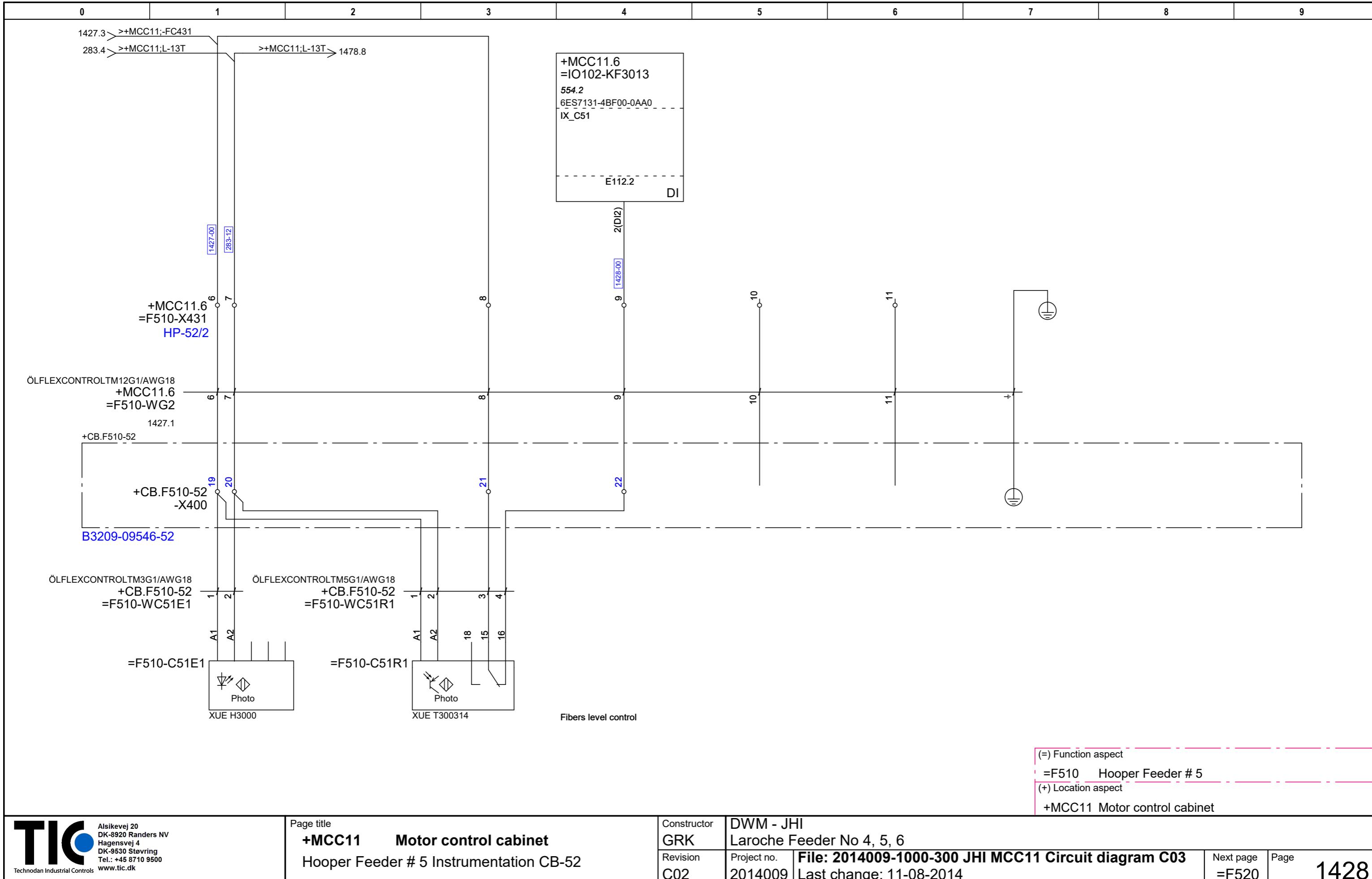


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(=) Function aspect
 =F510 Hooper Feeder # 5
 (+) Location aspect
 +MCC11 Motor control cabinet



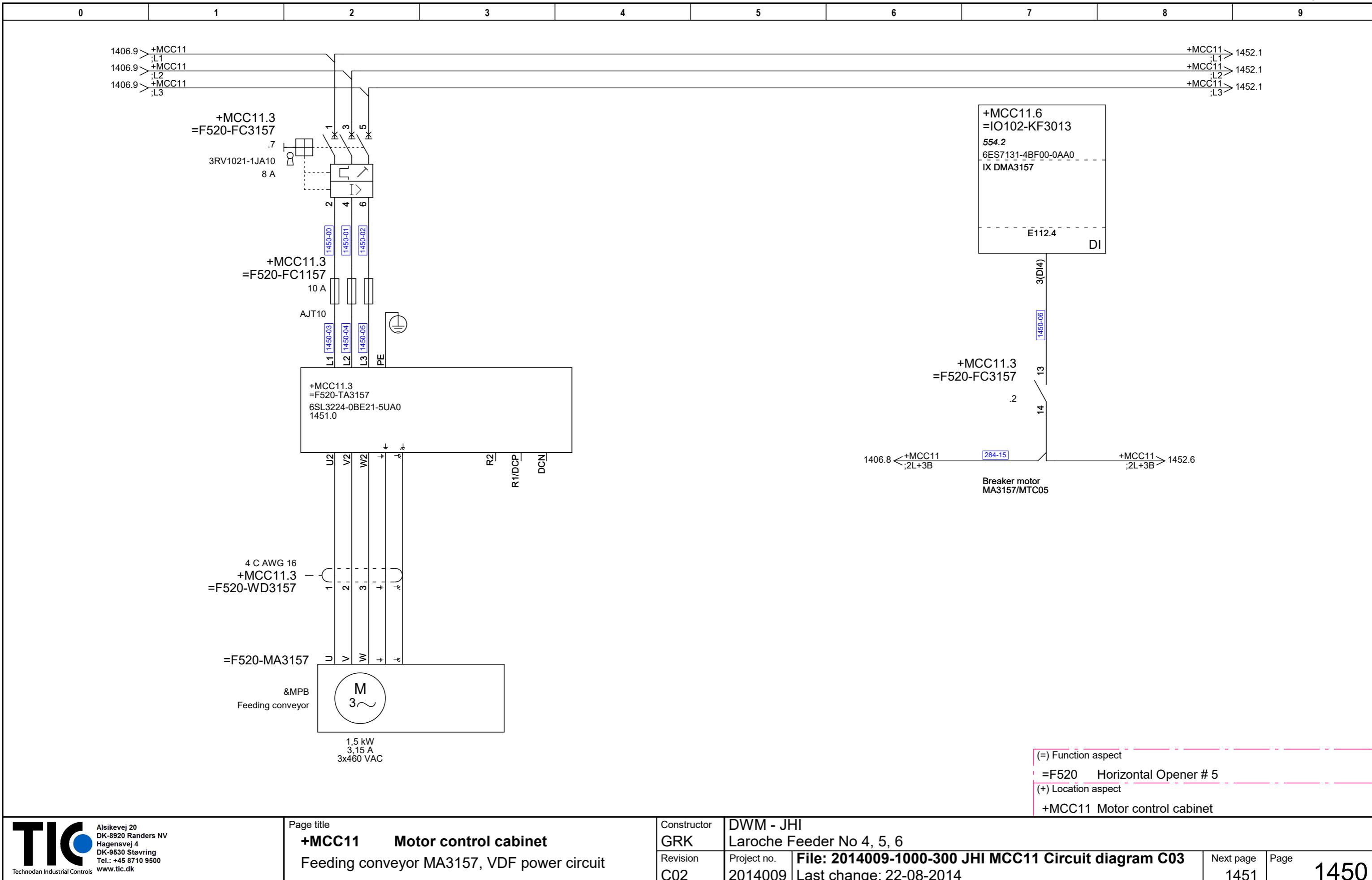


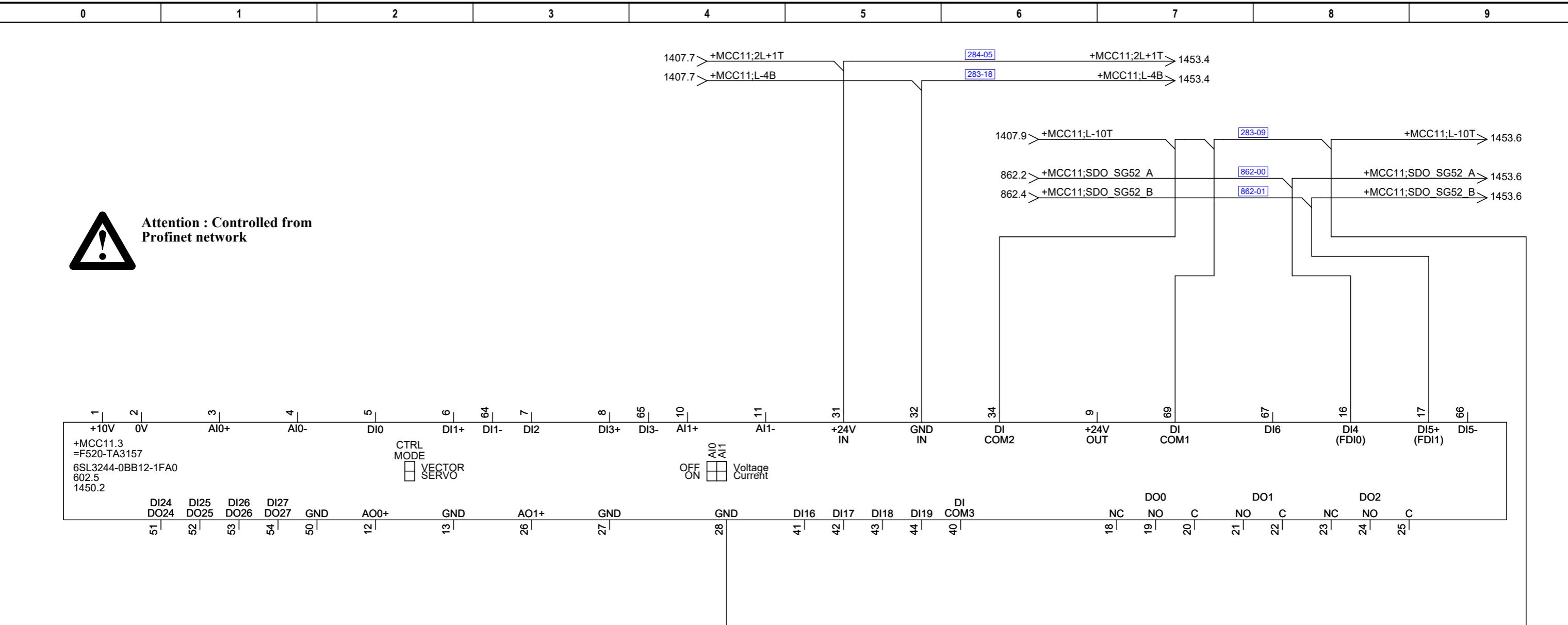
Horizontal Opener # 5



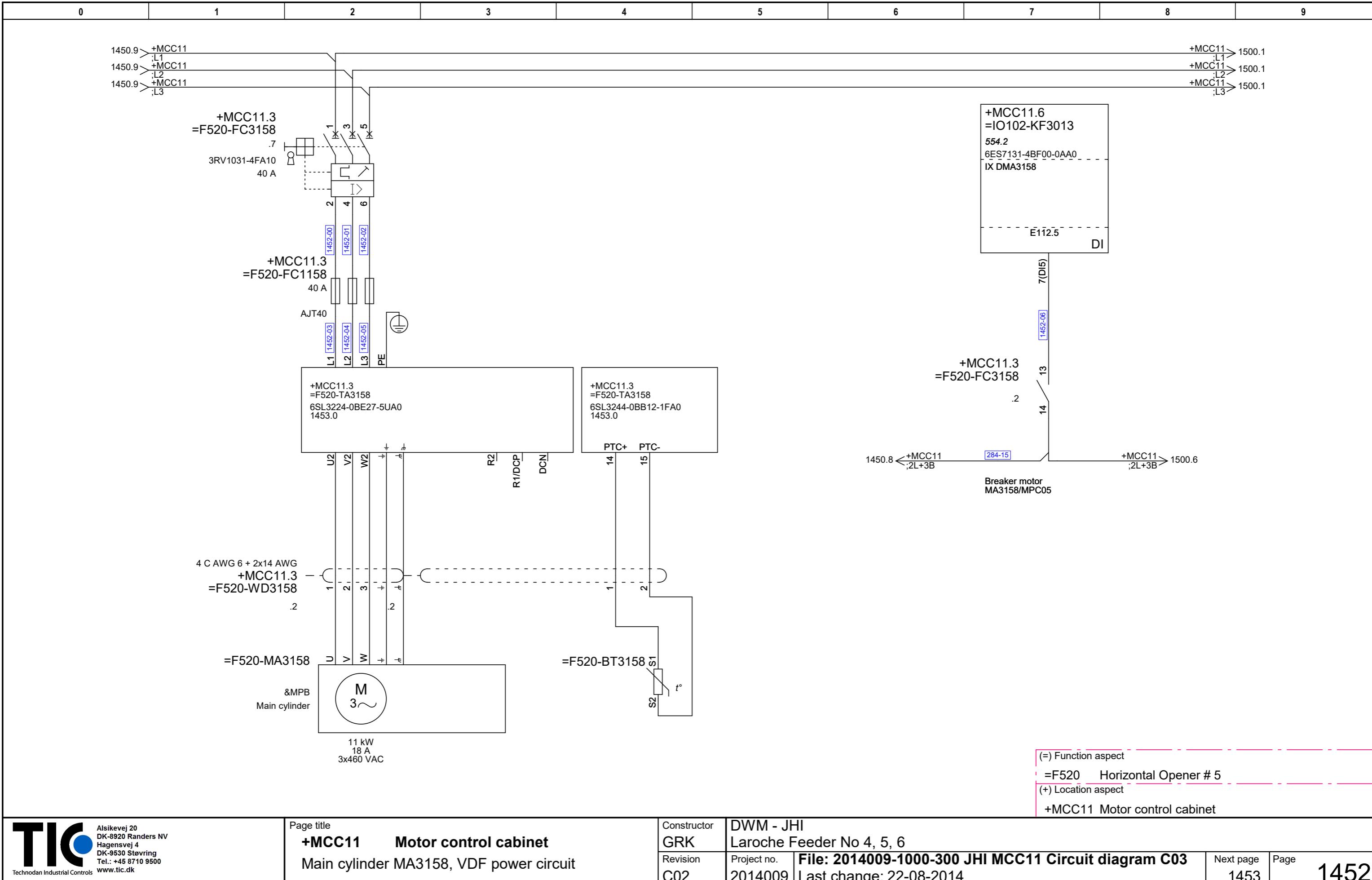
Technodan Industrial Controls

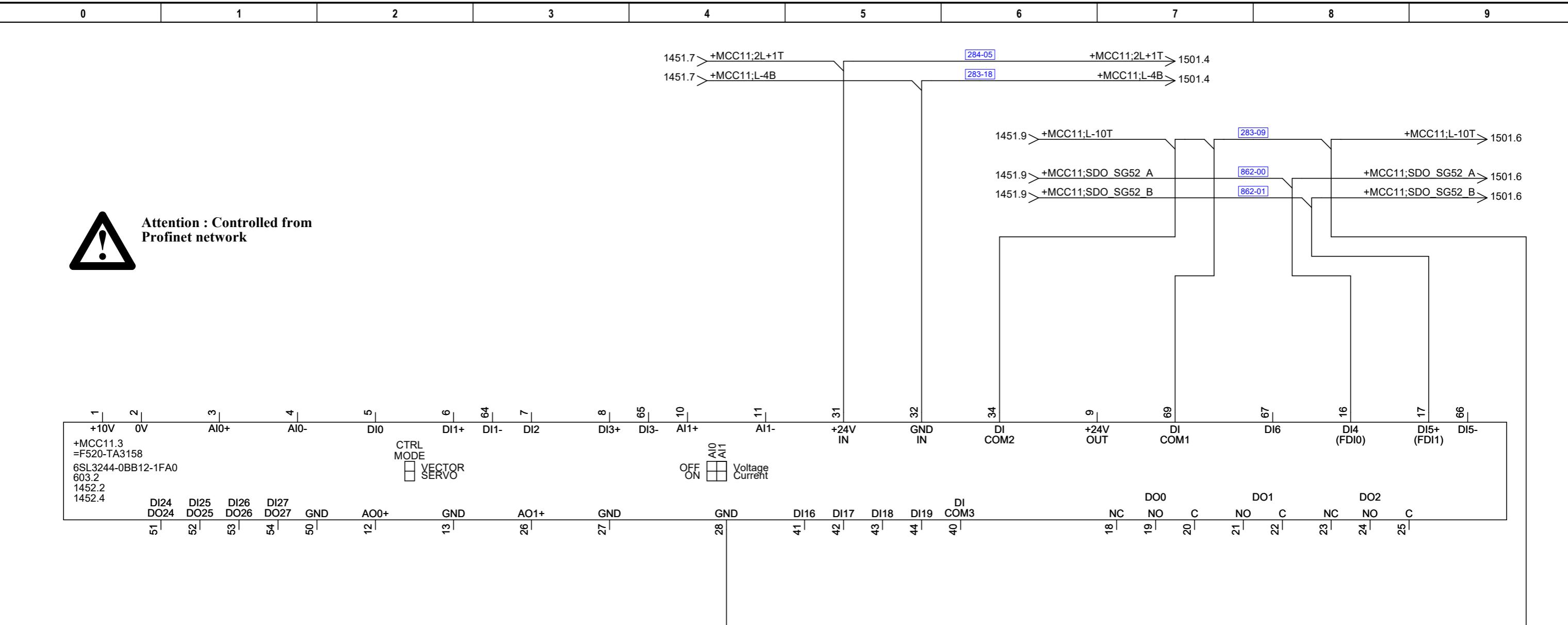
Alsikevej 20
DK-8920 Randers NV
Hagensvej 4
DK-9530 Støvring
Tel.: +45 8710 9500
www.tic.dk



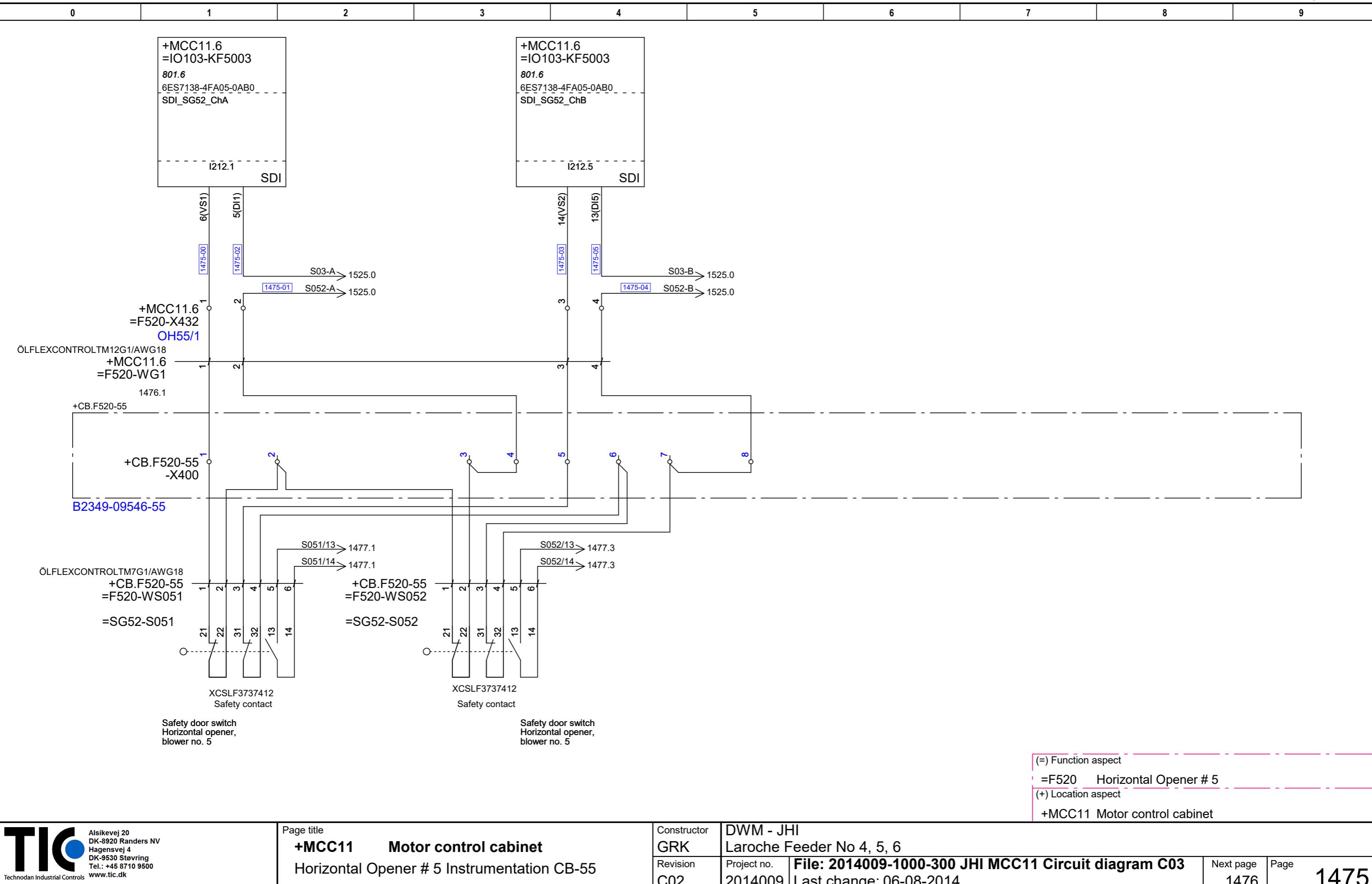


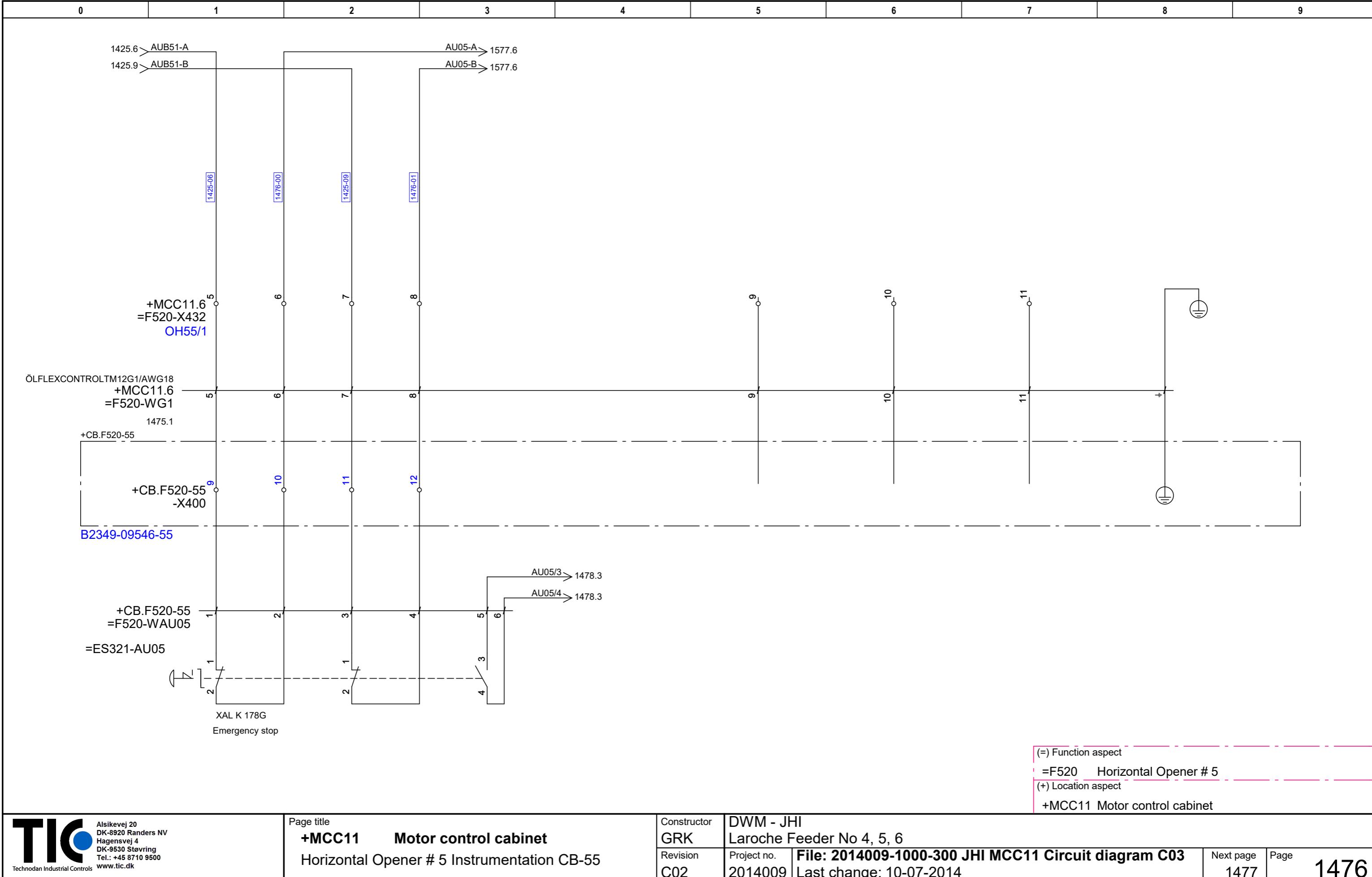
(=) Function aspect
 =F520 Horizontal Opener # 5
 (+) Location aspect
 +MCC11 Motor control cabinet

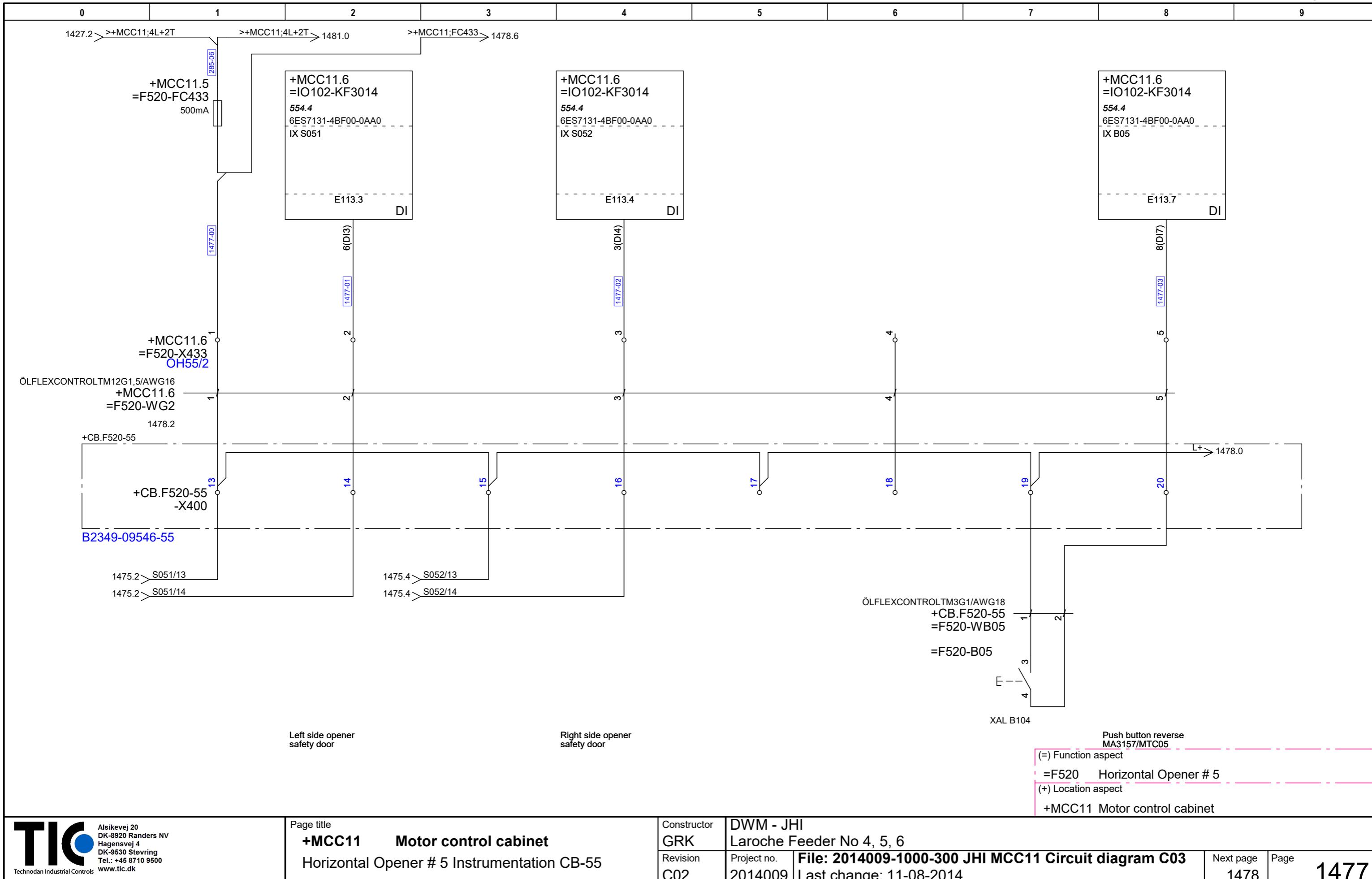


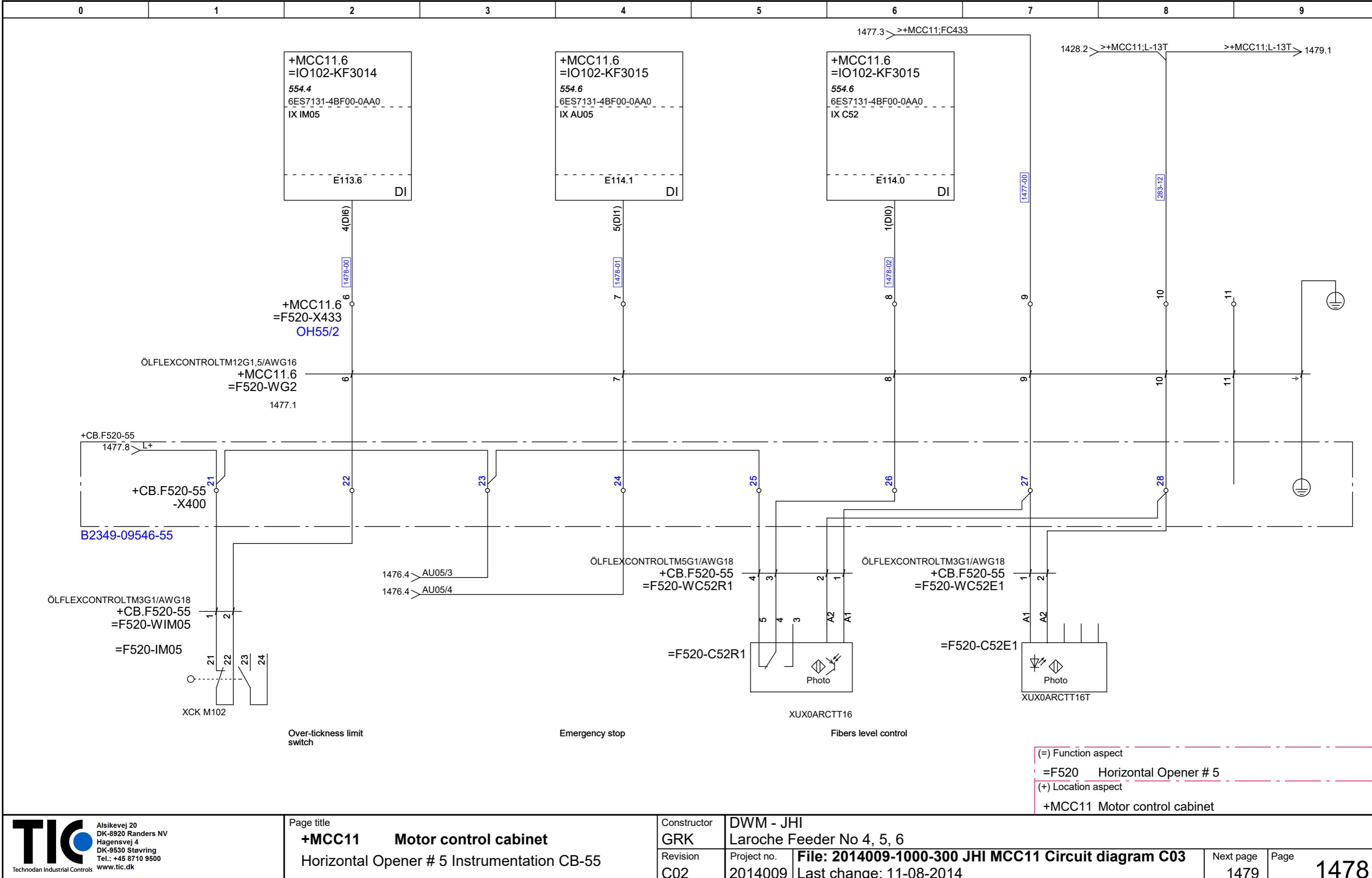


(=) Function aspect
 =F520 Horizontal Opener # 5
 (+) Location aspect
 +MCC11 Motor control cabinet

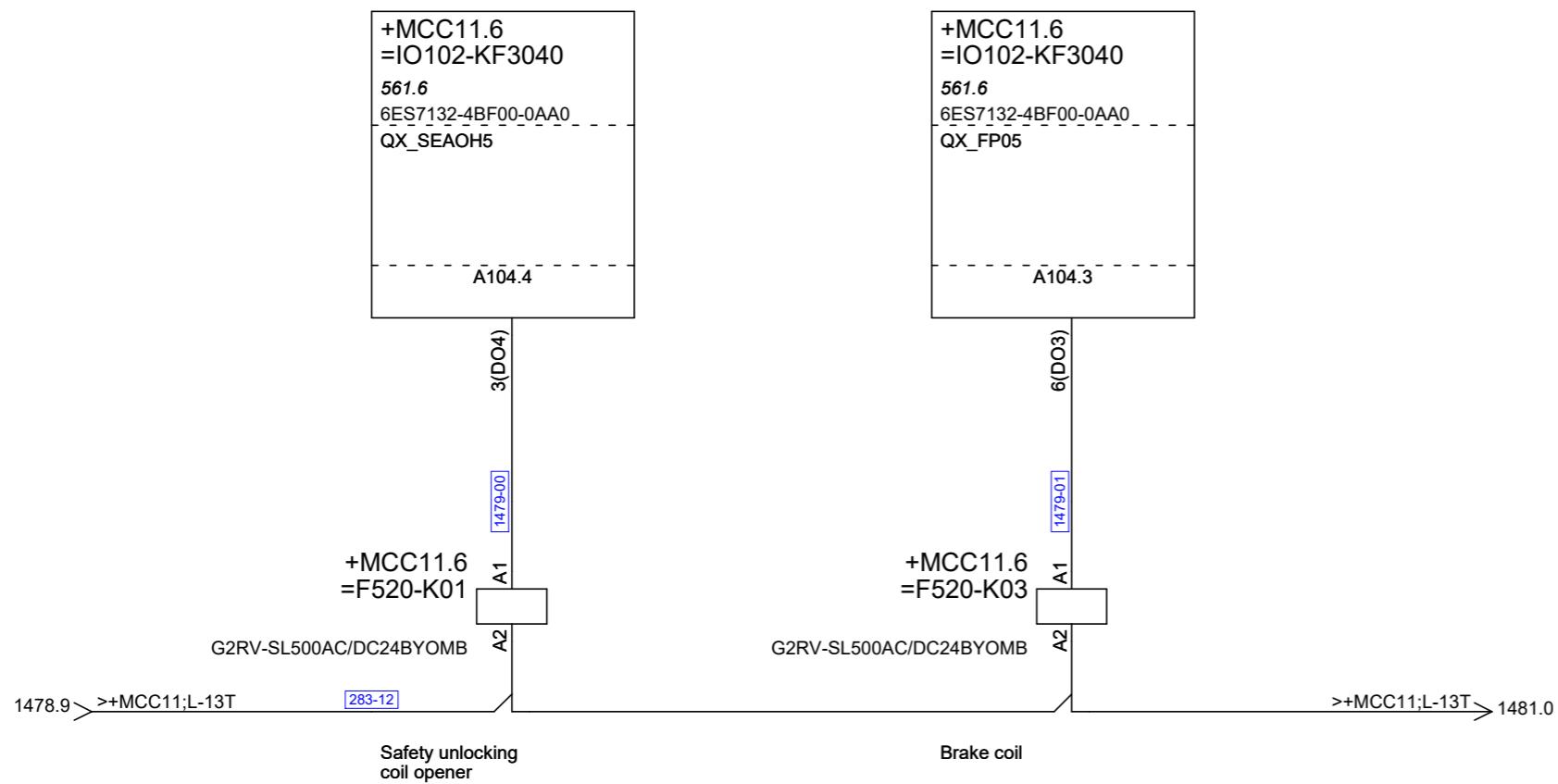








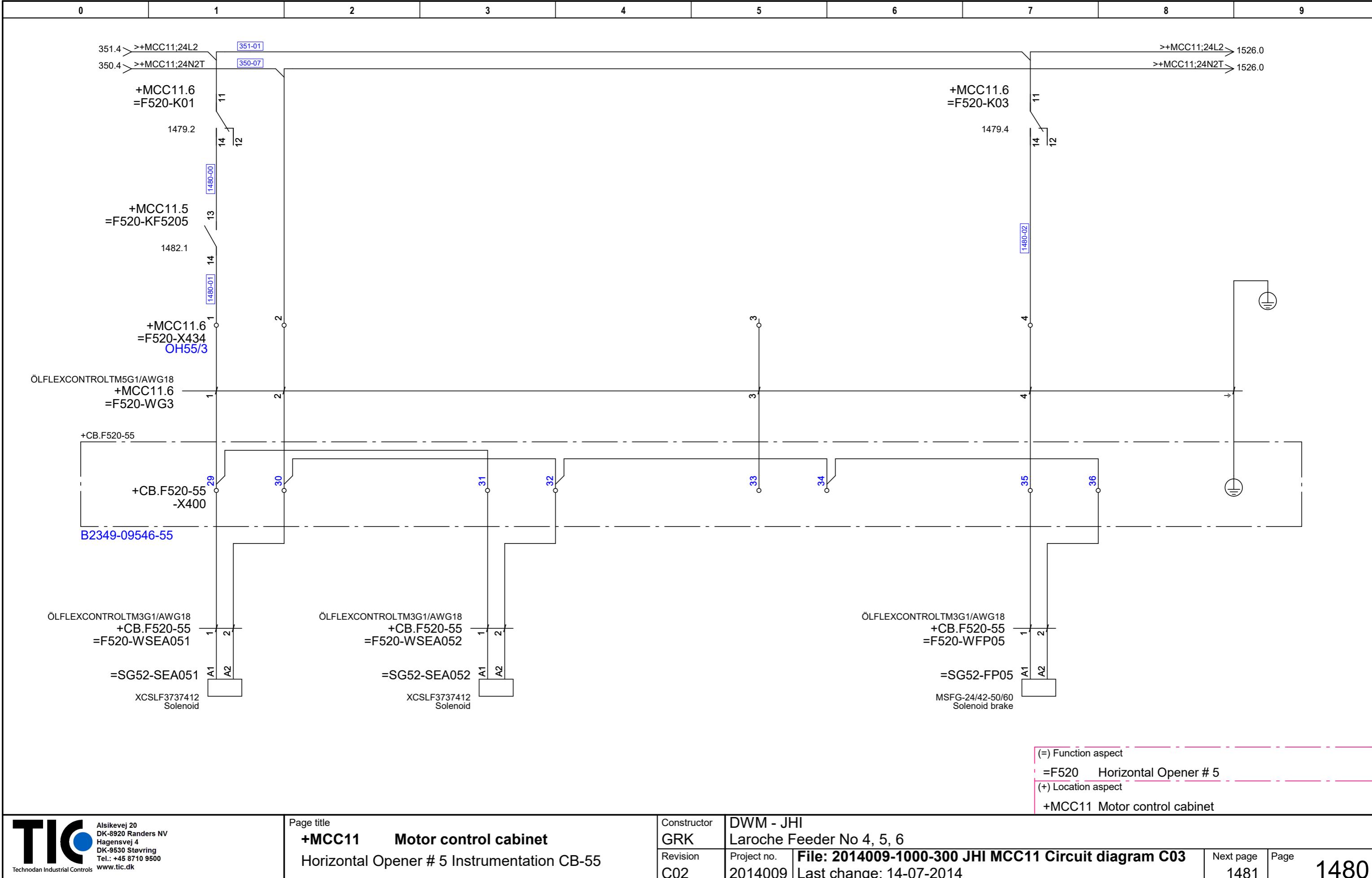
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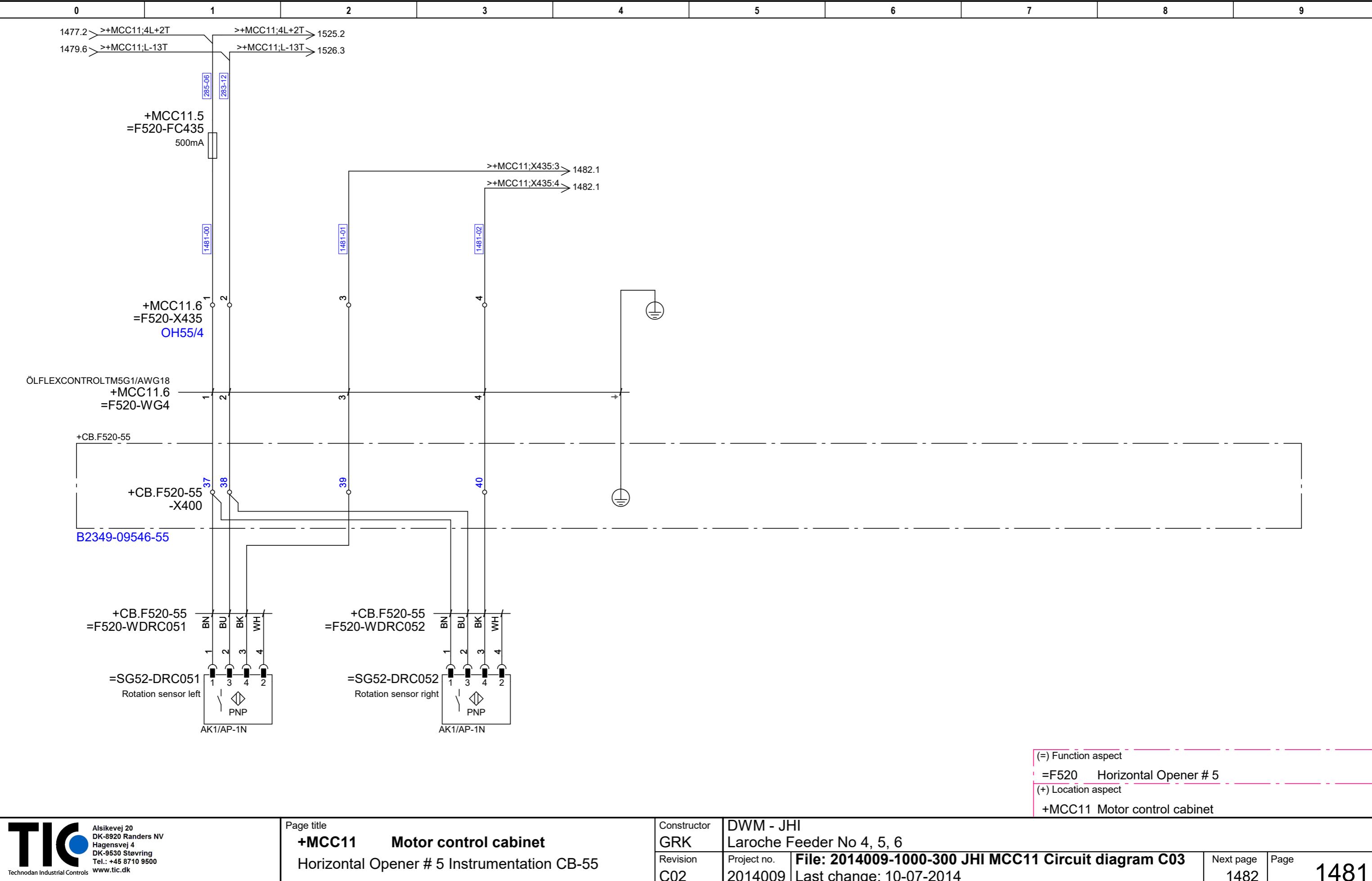


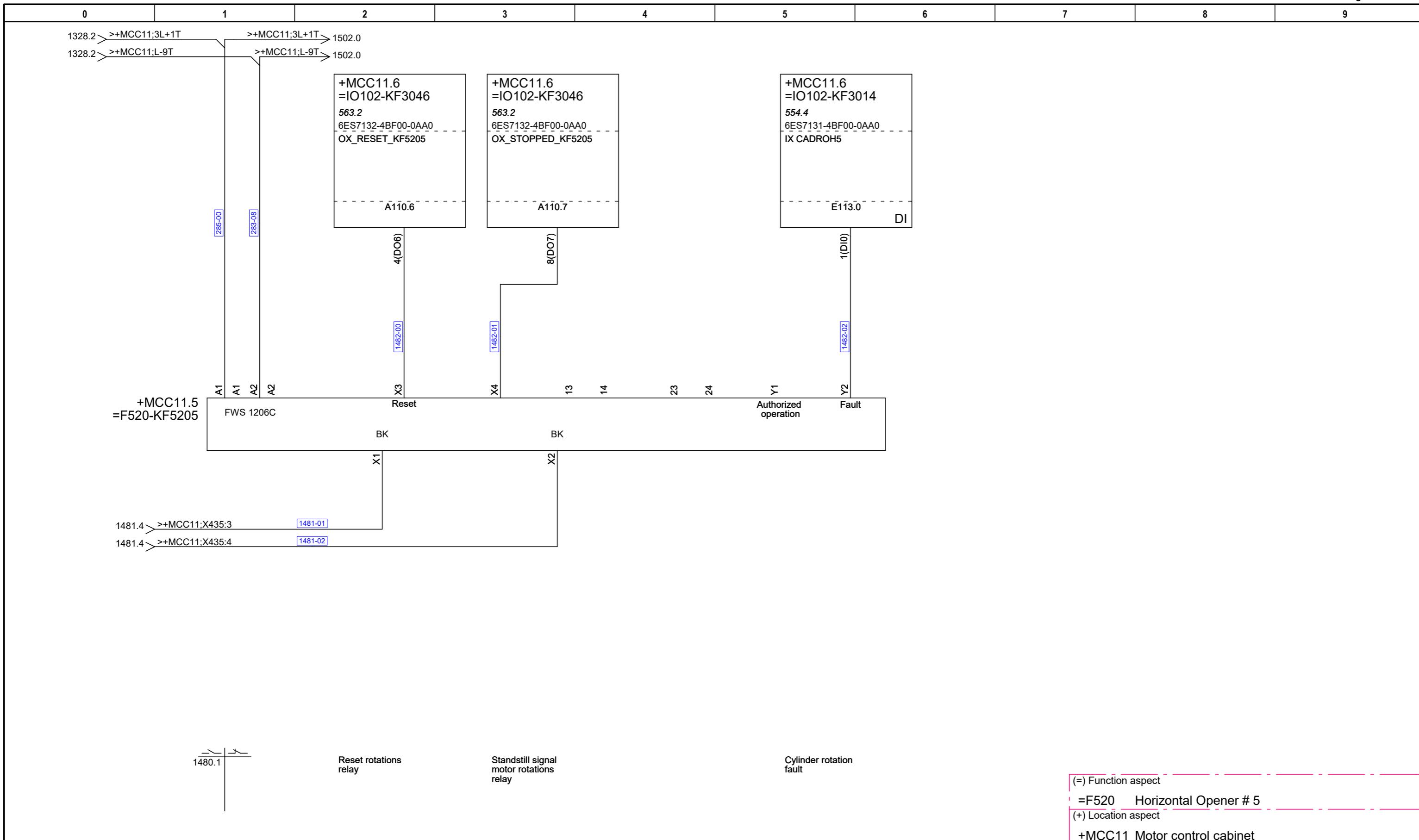
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1480.7 = 1480.7

(=) Function aspect
 =F520 Horizontal Opener # 5
 (+) Location aspect
 +MCC11 Motor control cabinet





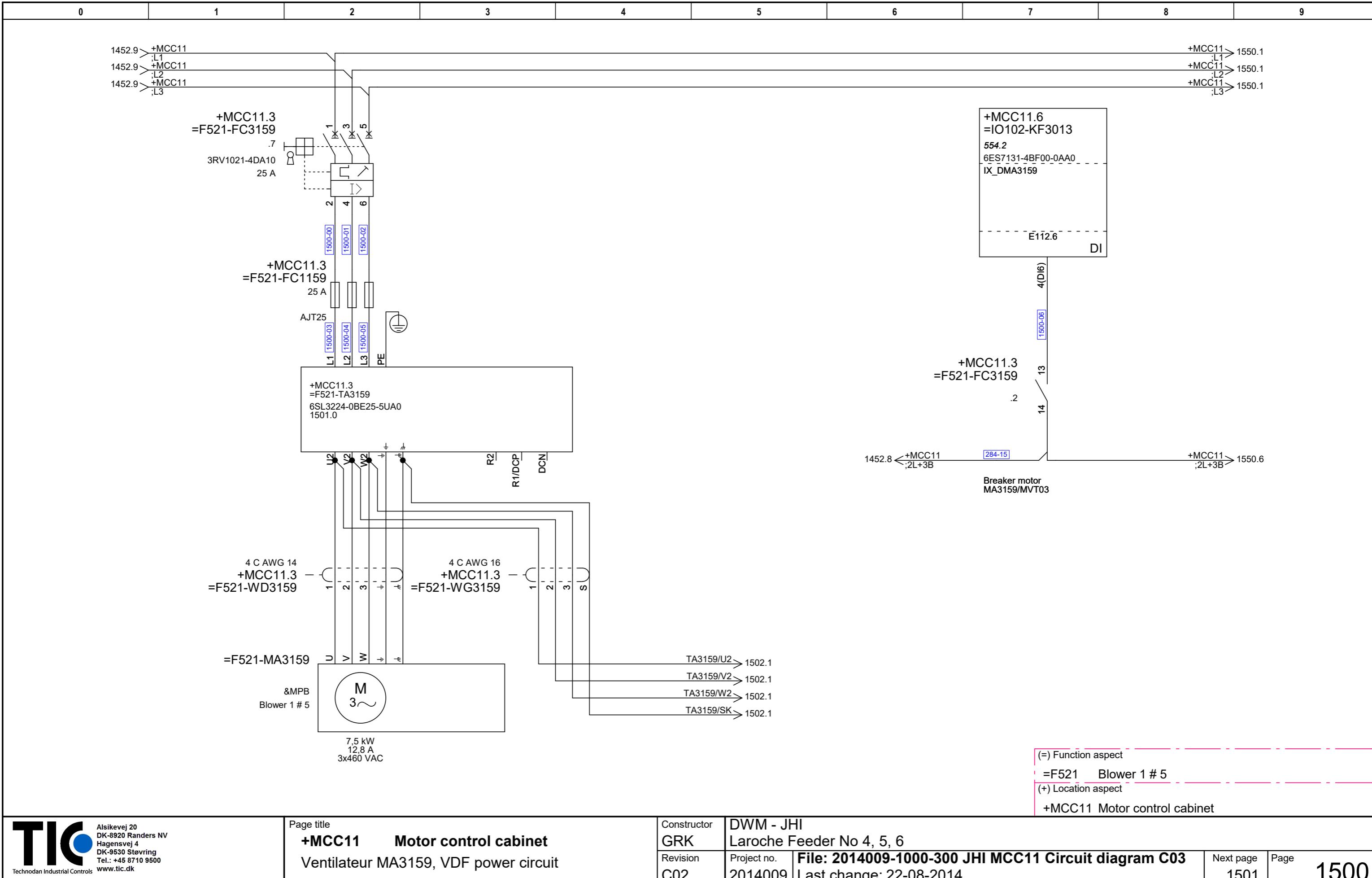


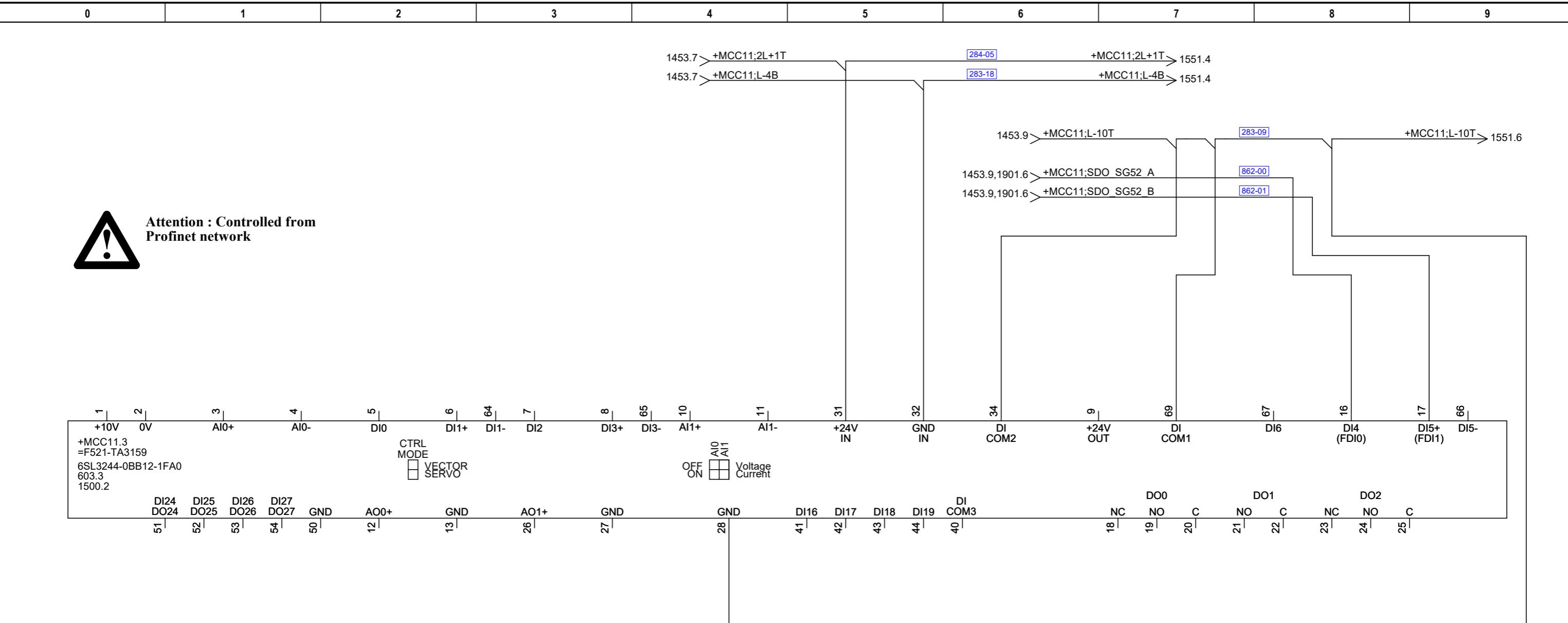
Blower 1 # 5

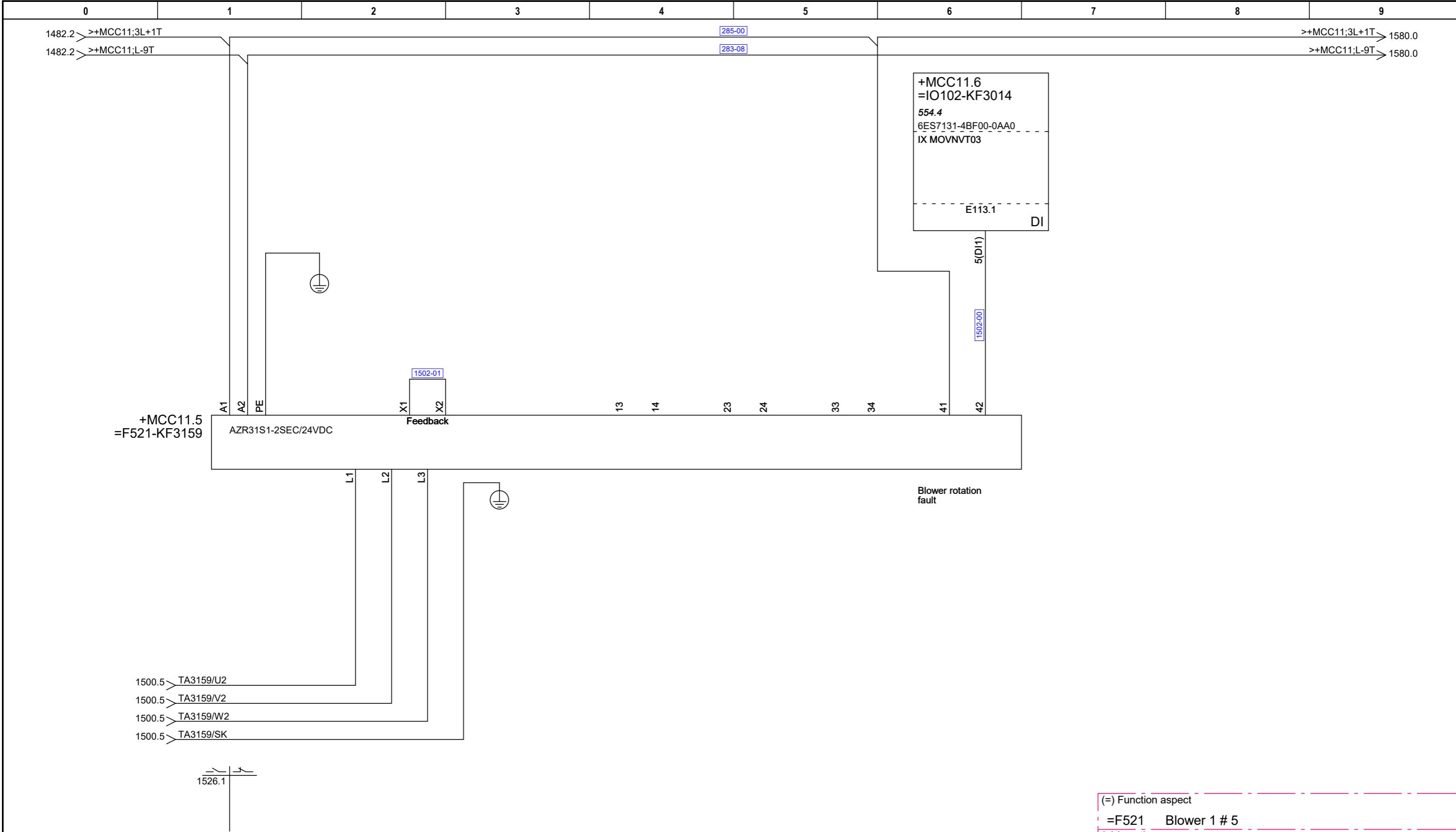


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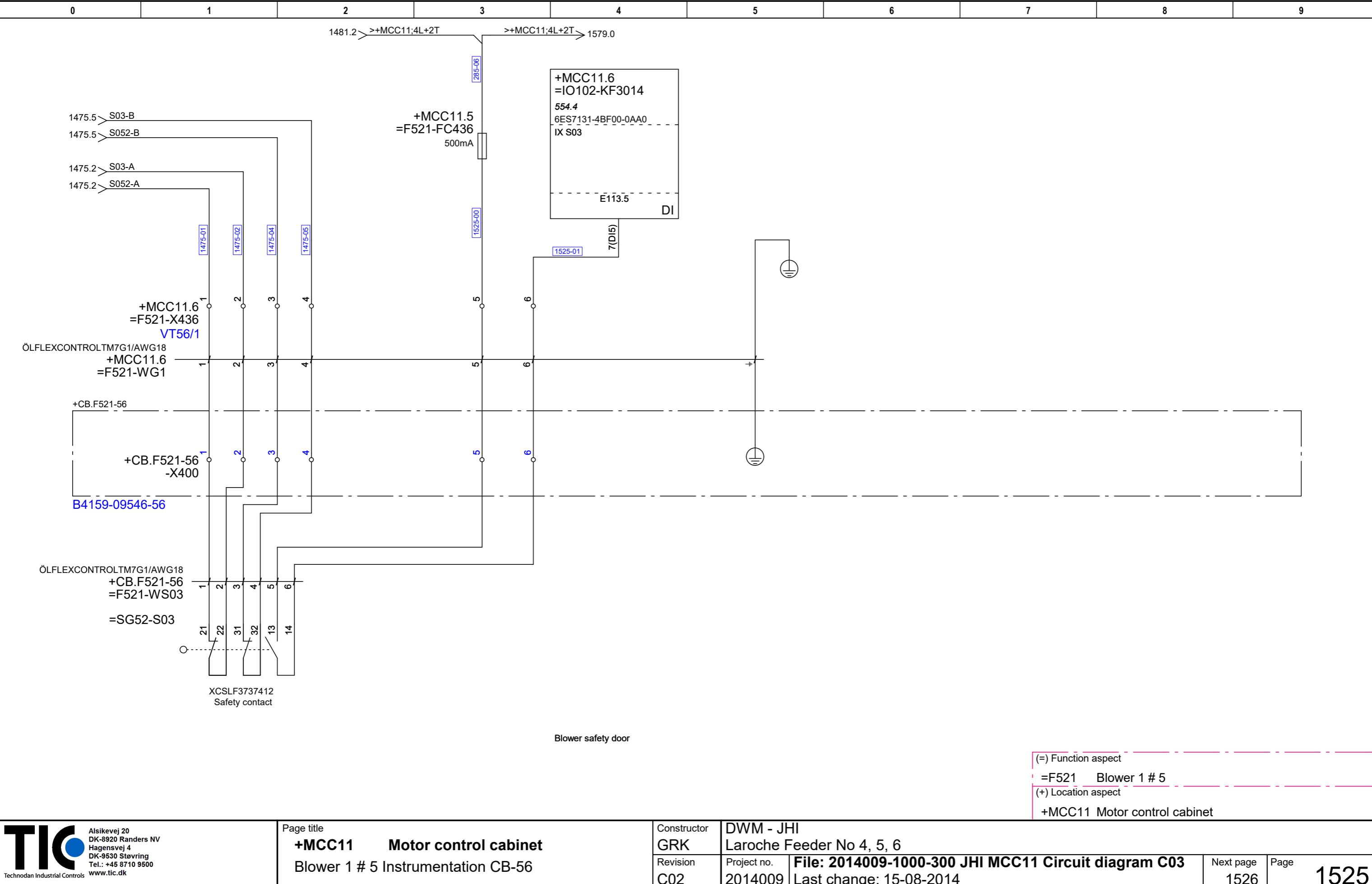
Alsikevej 20
DK-8920 Randers NV
Hagensvej 4
DK-9530 Støvring
Tel.: +45 8710 9500
www.tic.dk

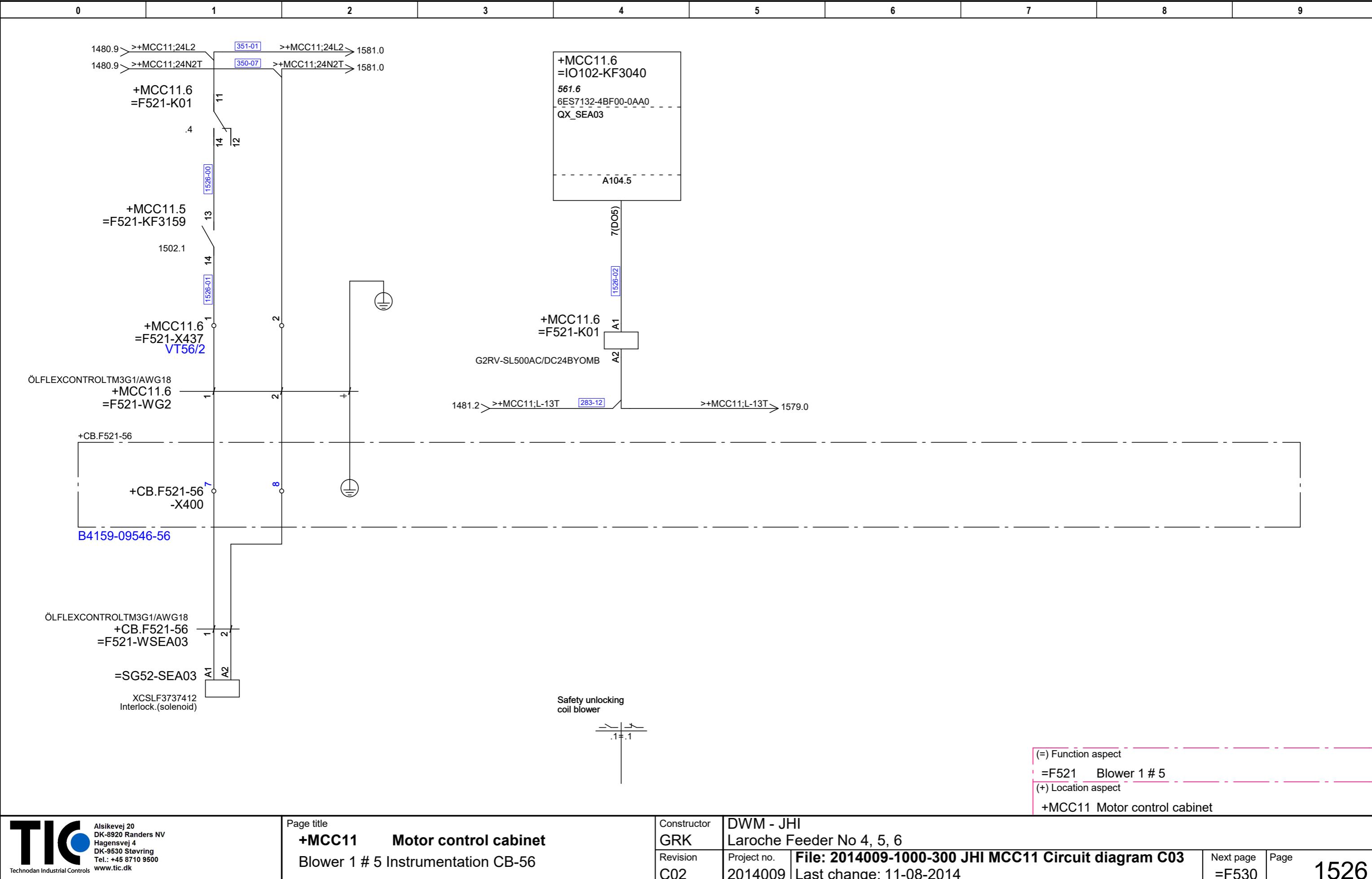






- (=) Function aspect
- =F521 Blower 1 # 5
- (+) Location aspect
- +MCC11 Motor control cabinet



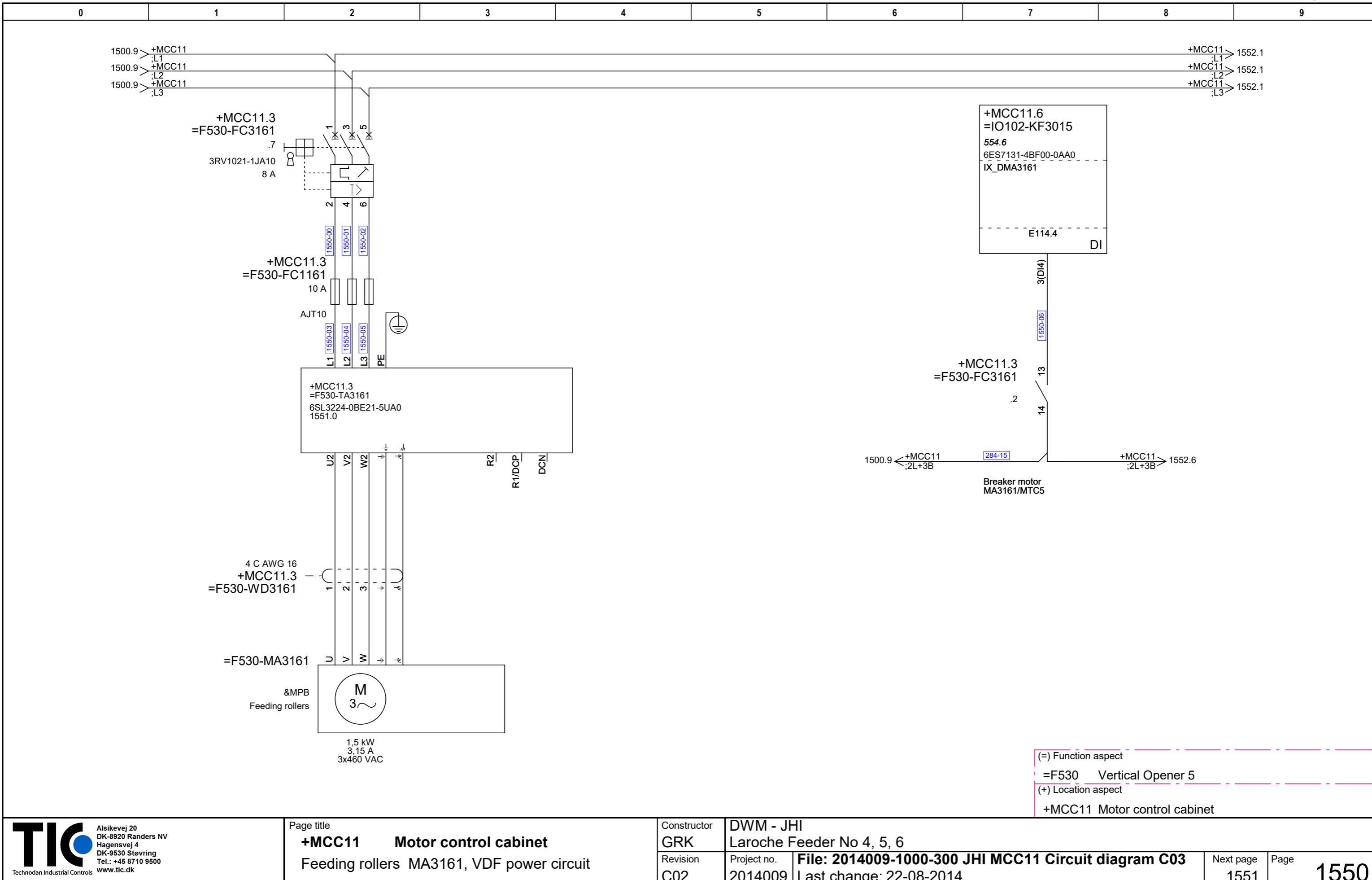


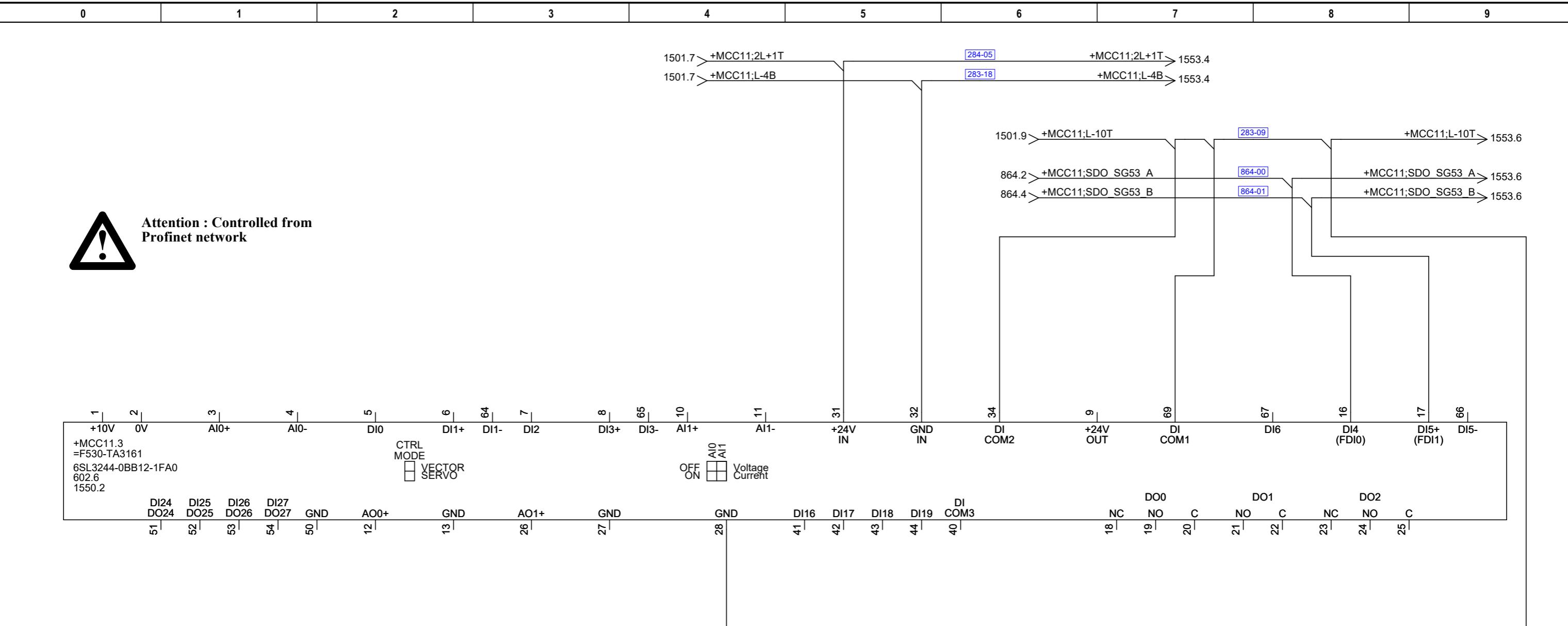
Vertical Opener # 5



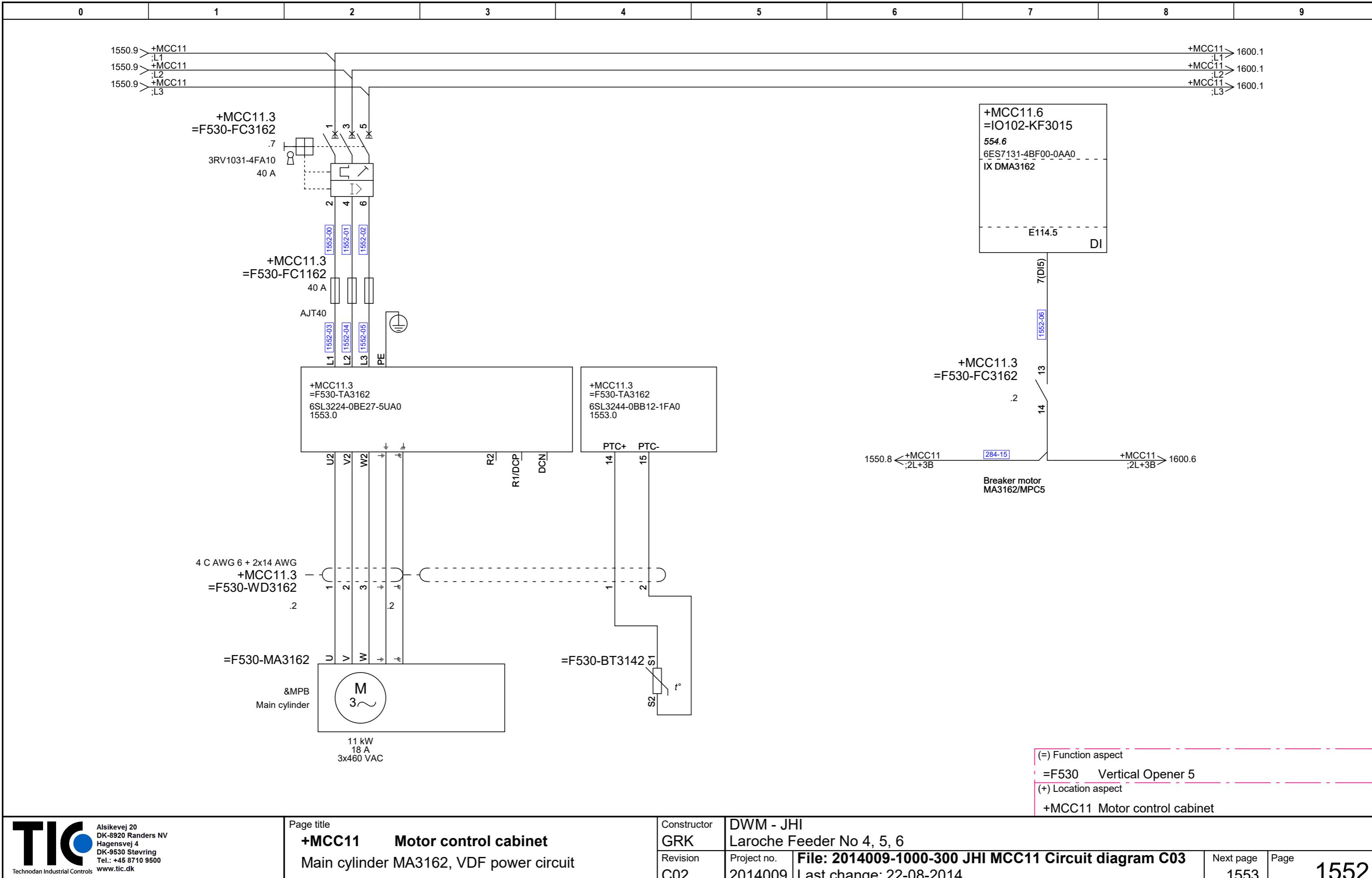
Technodan Industrial Controls

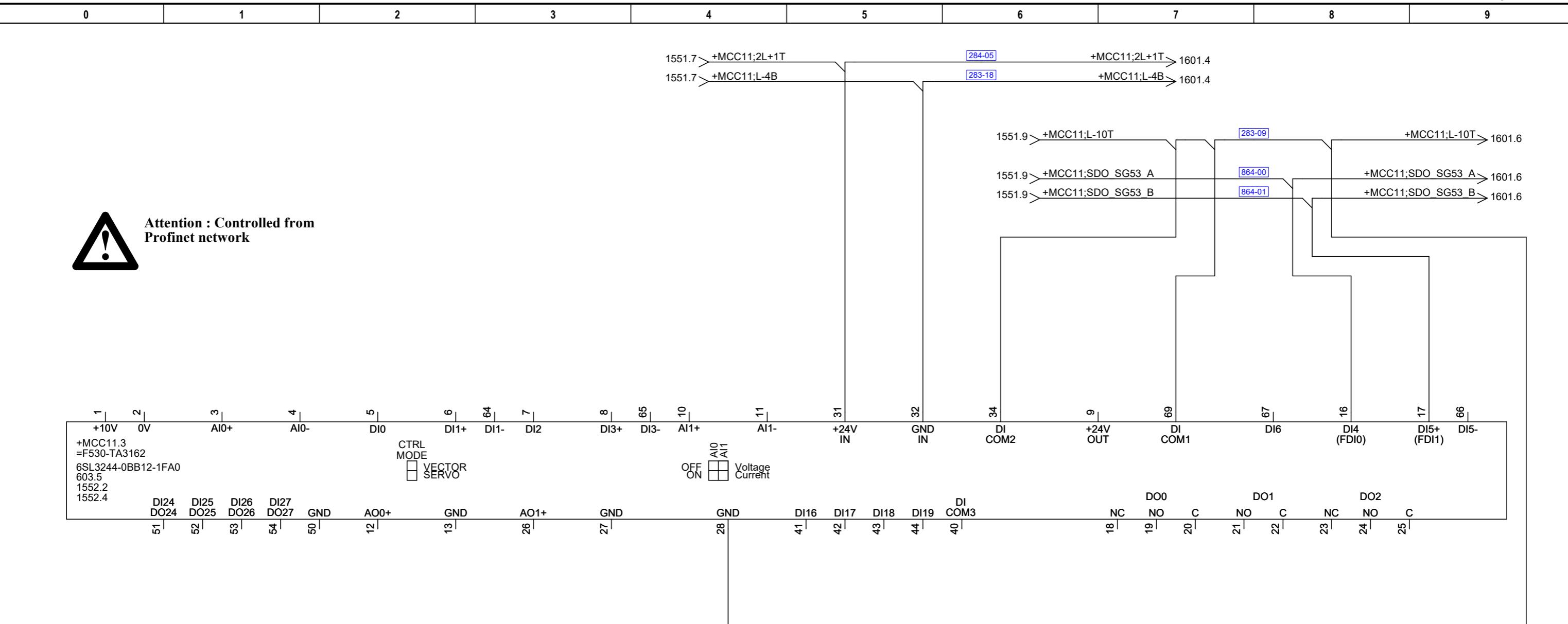
Alsikevej 20
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DK-9530 Støvring
Tel.: +45 8710 9500
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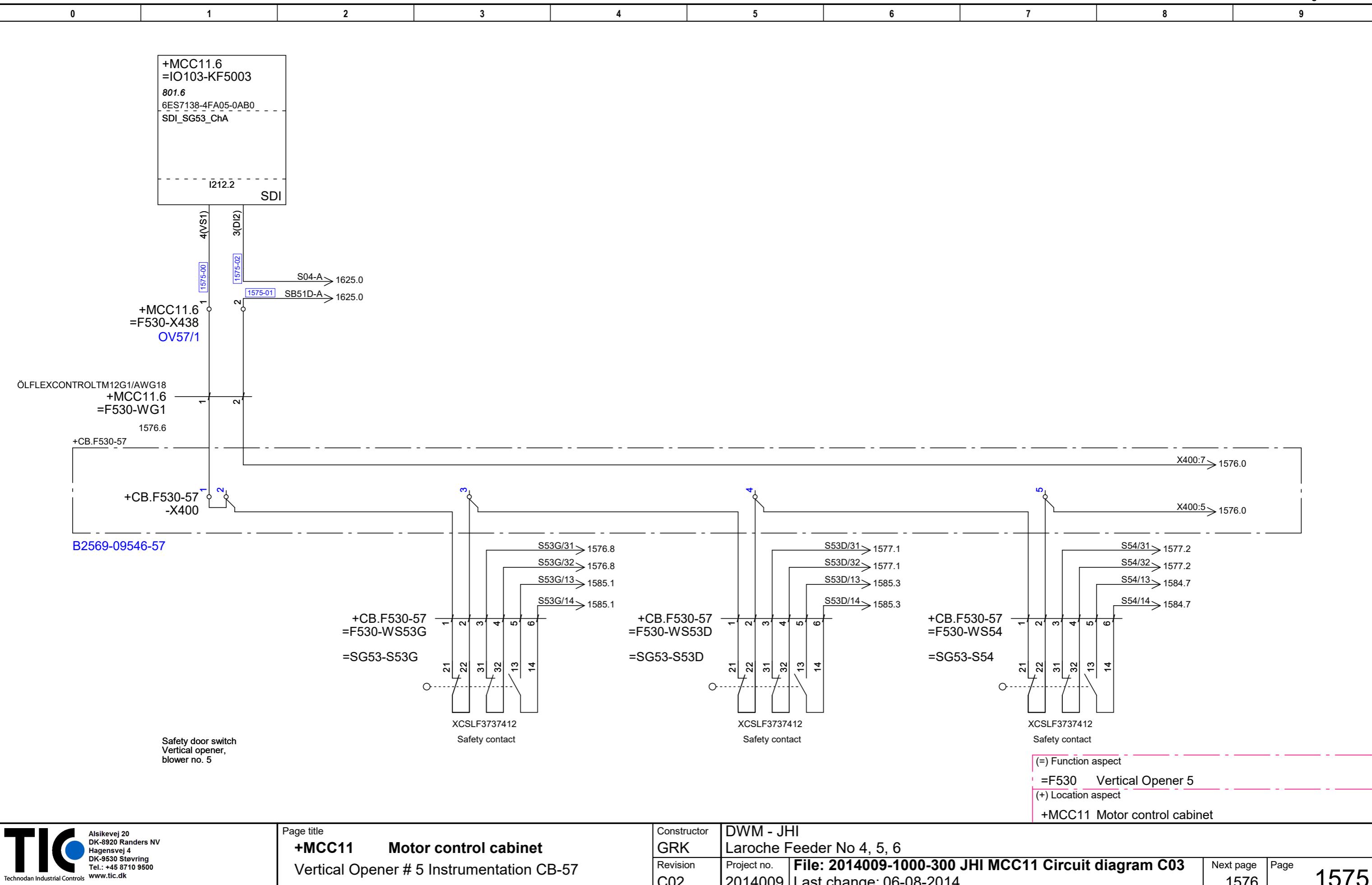


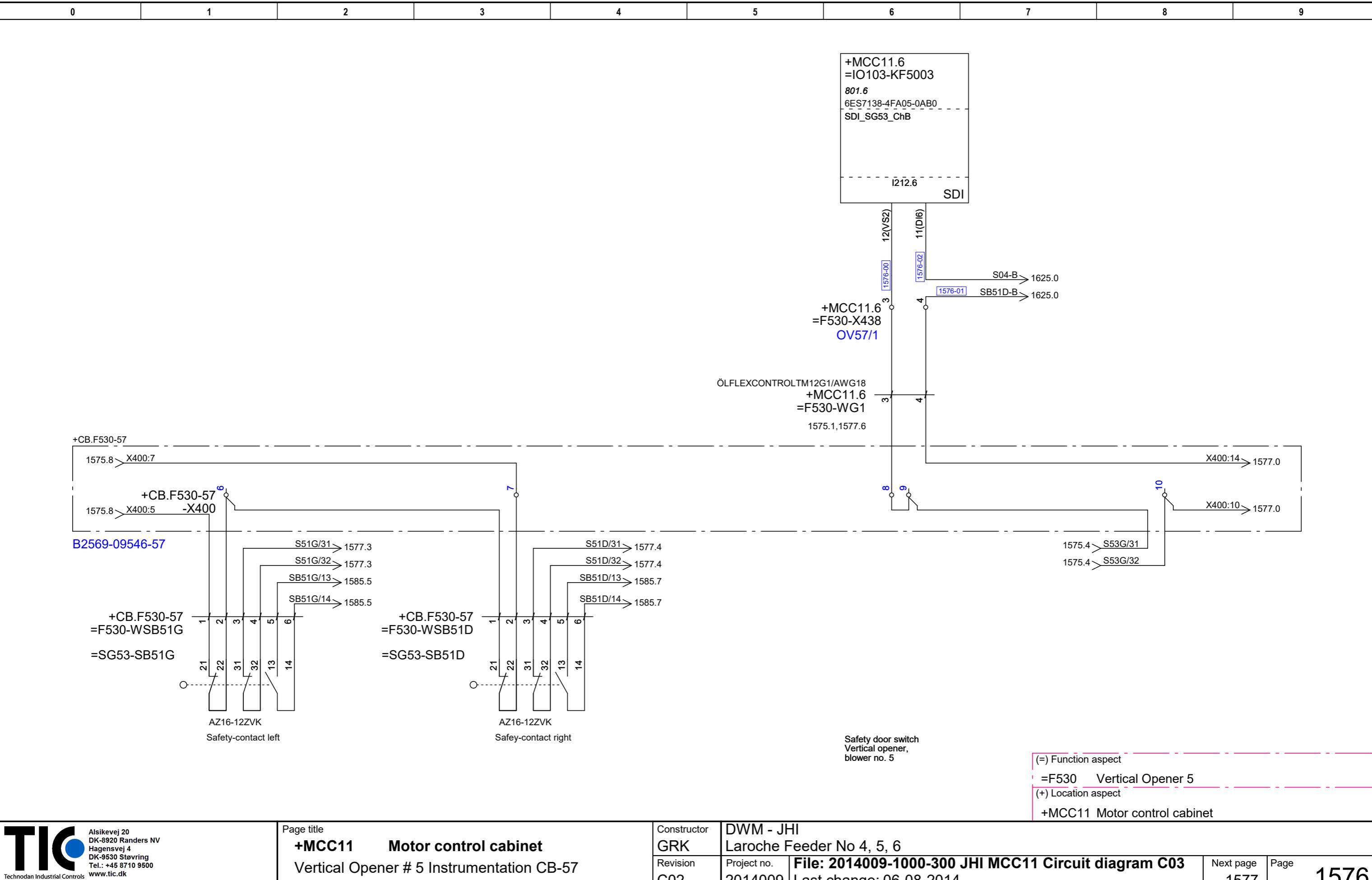
(=) Function aspect
 =F530 Vertical Opener 5
 (+) Location aspect
 +MCC11 Motor control cabinet

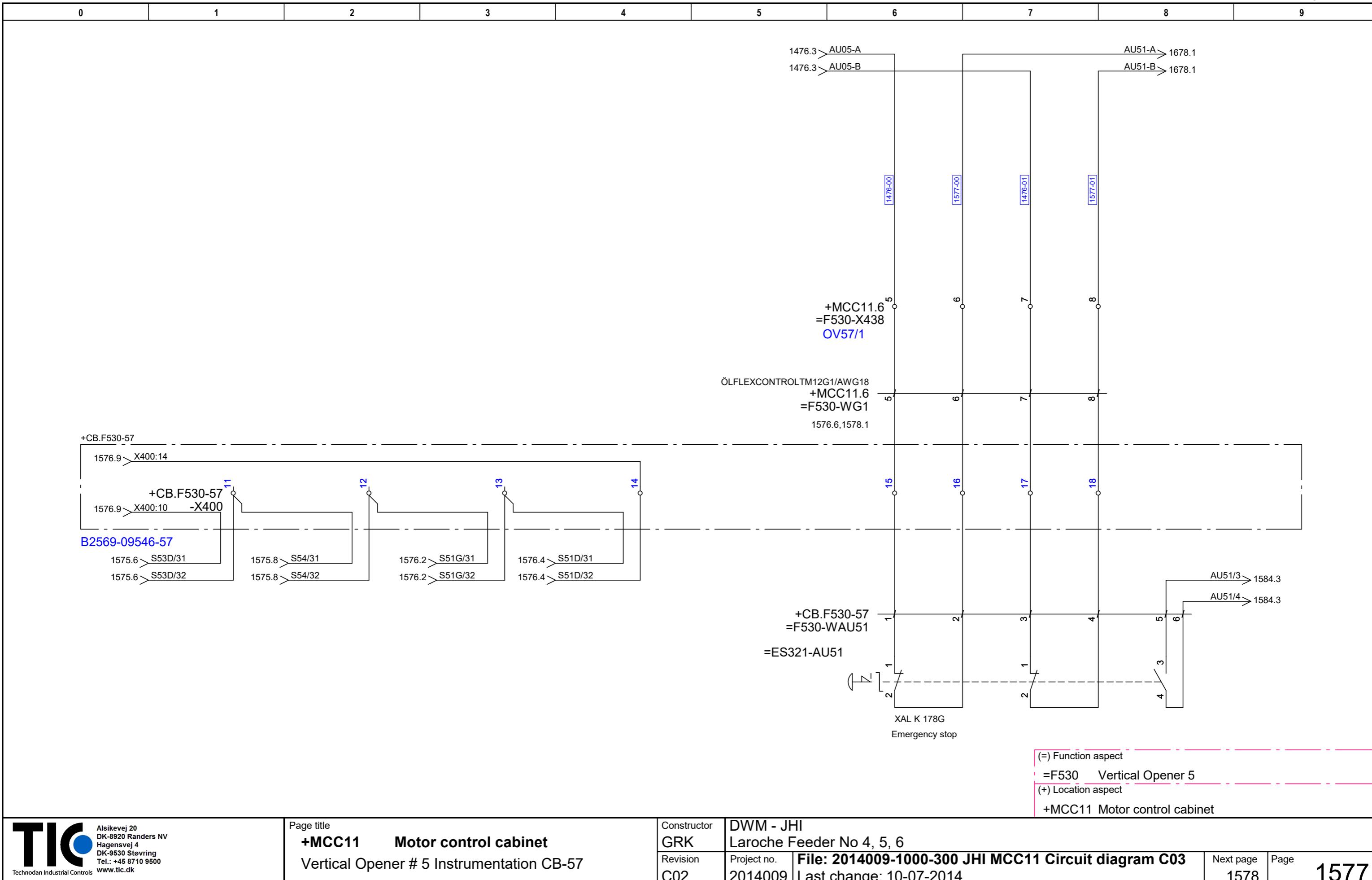




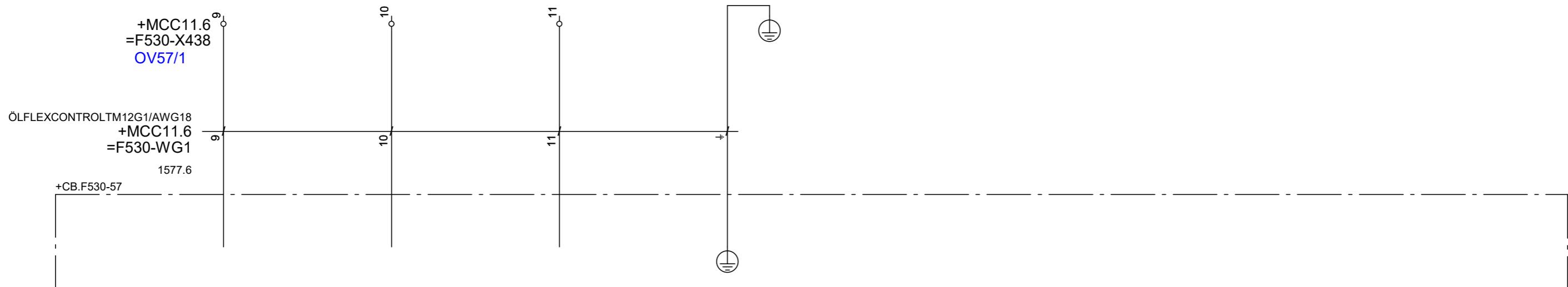
(=) Function aspect
 =F530 Vertical Opener 5
 (+) Location aspect
 +MCC11 Motor control cabinet





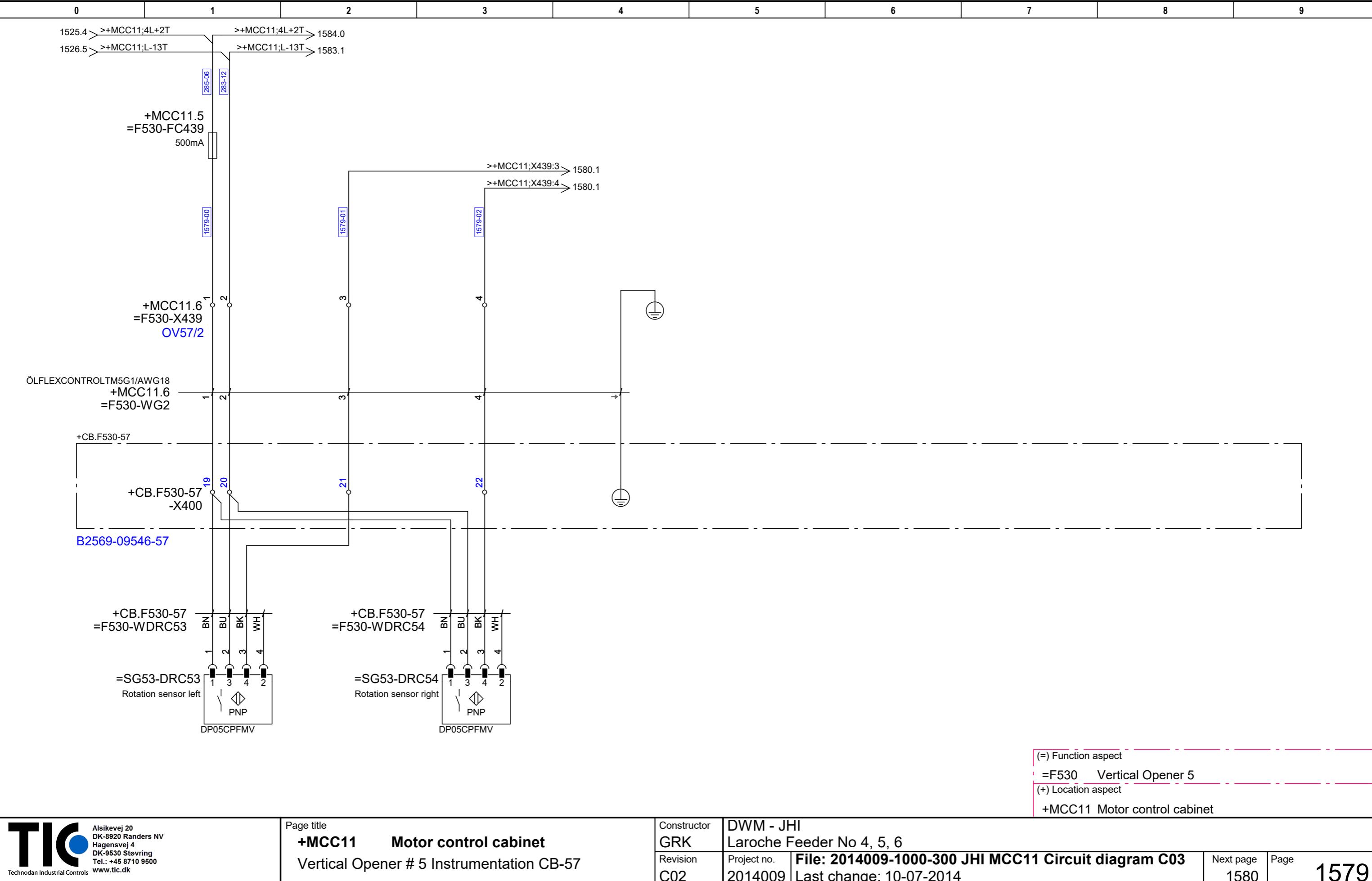


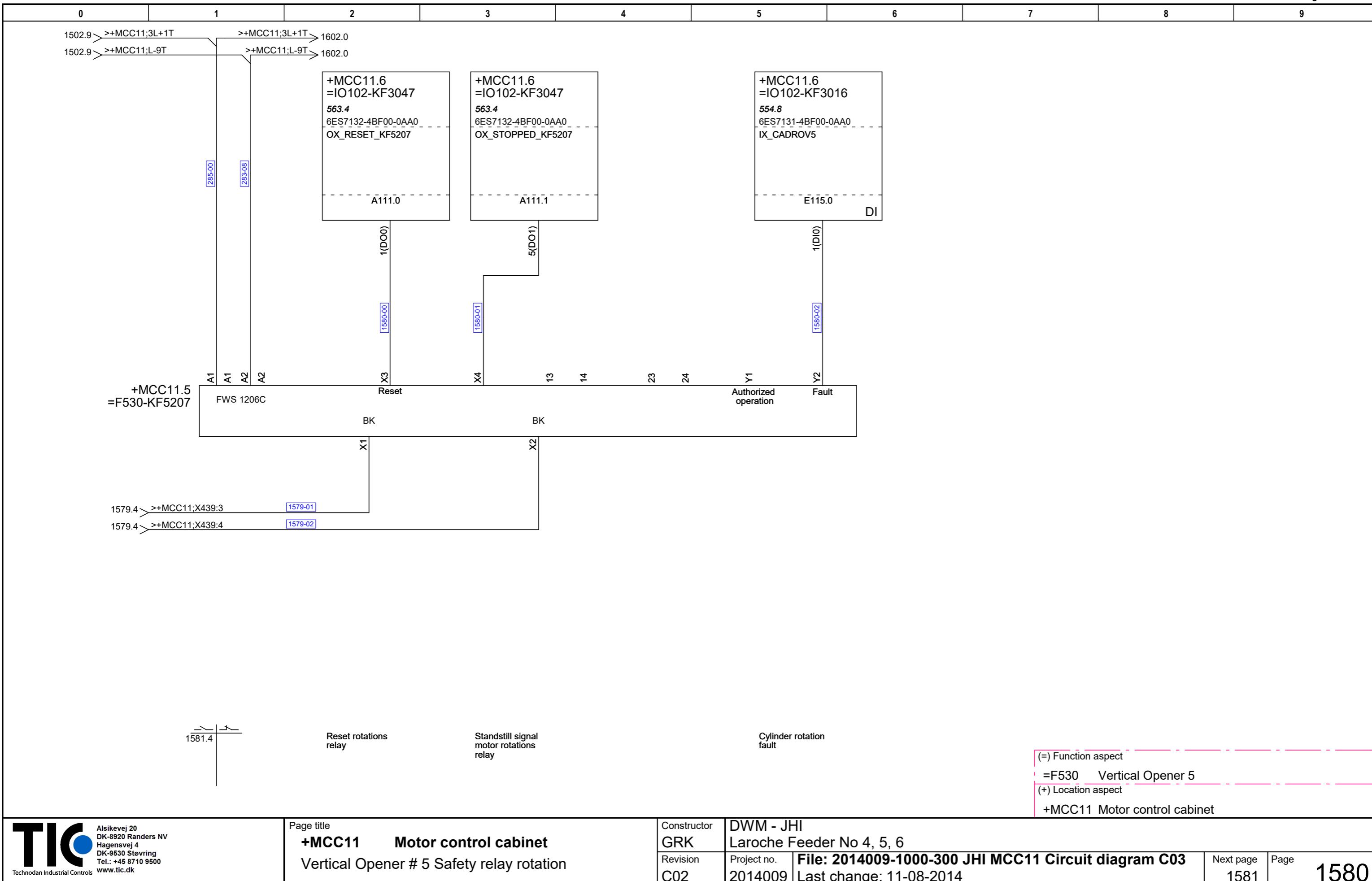
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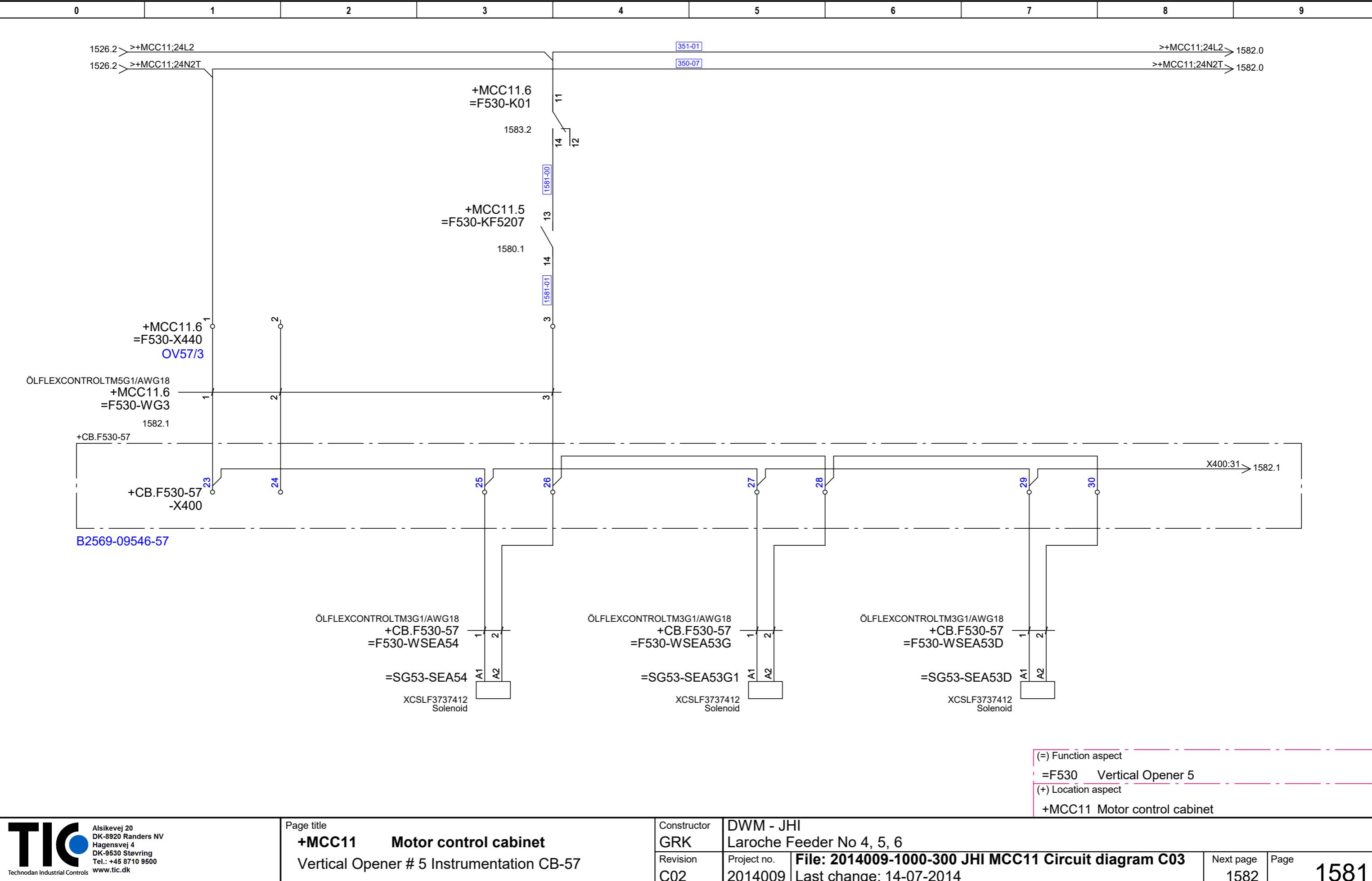


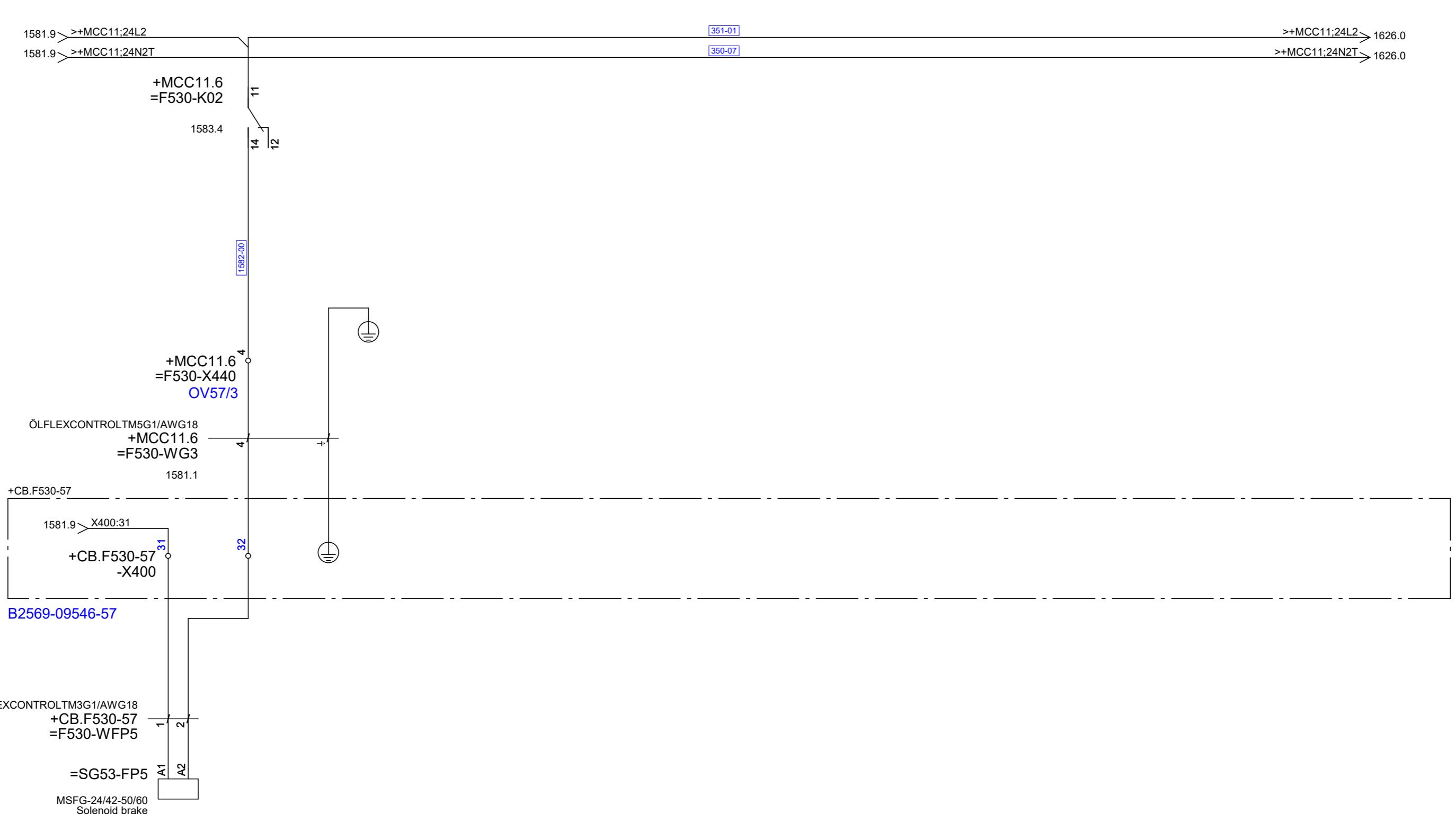
B2569-09546-57

(=) Function aspect
 =F530 Vertical Opener 5
 (+) Location aspect
 +MCC11 Motor control cabinet









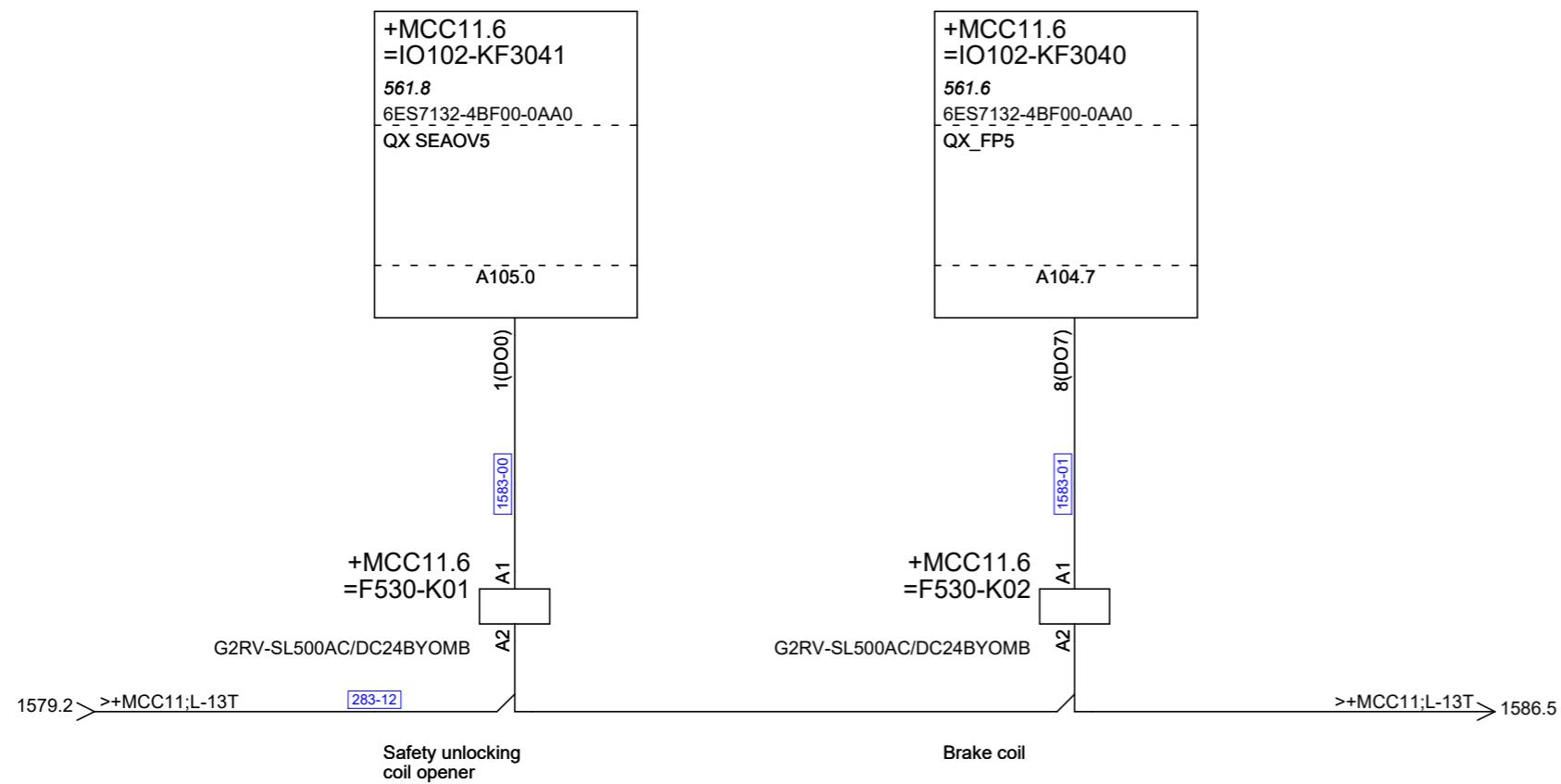
(=) Function aspect

=F530 Vertical Opener 5

(+) Location aspect

+MCC11 Motor control cabinet

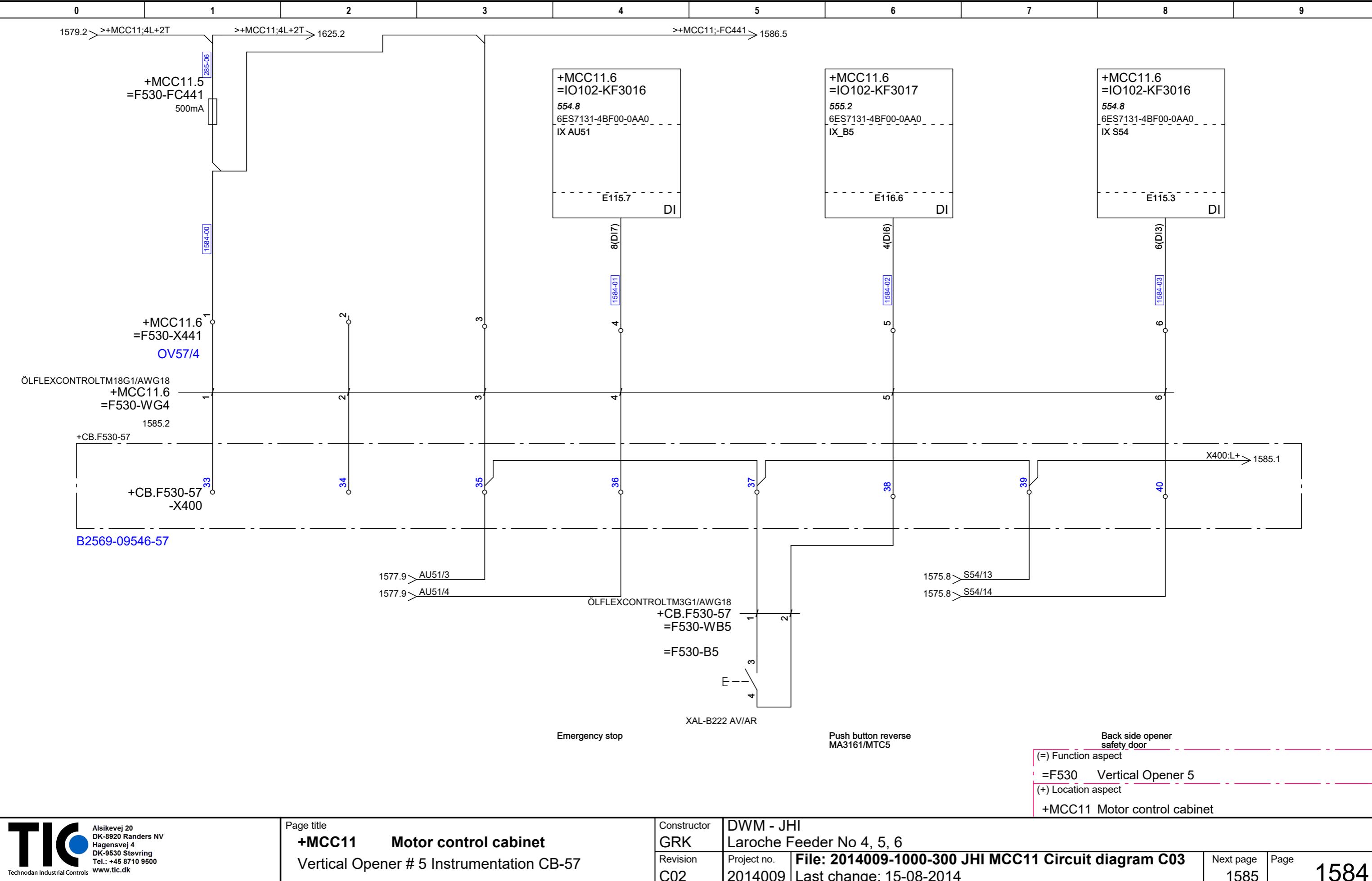
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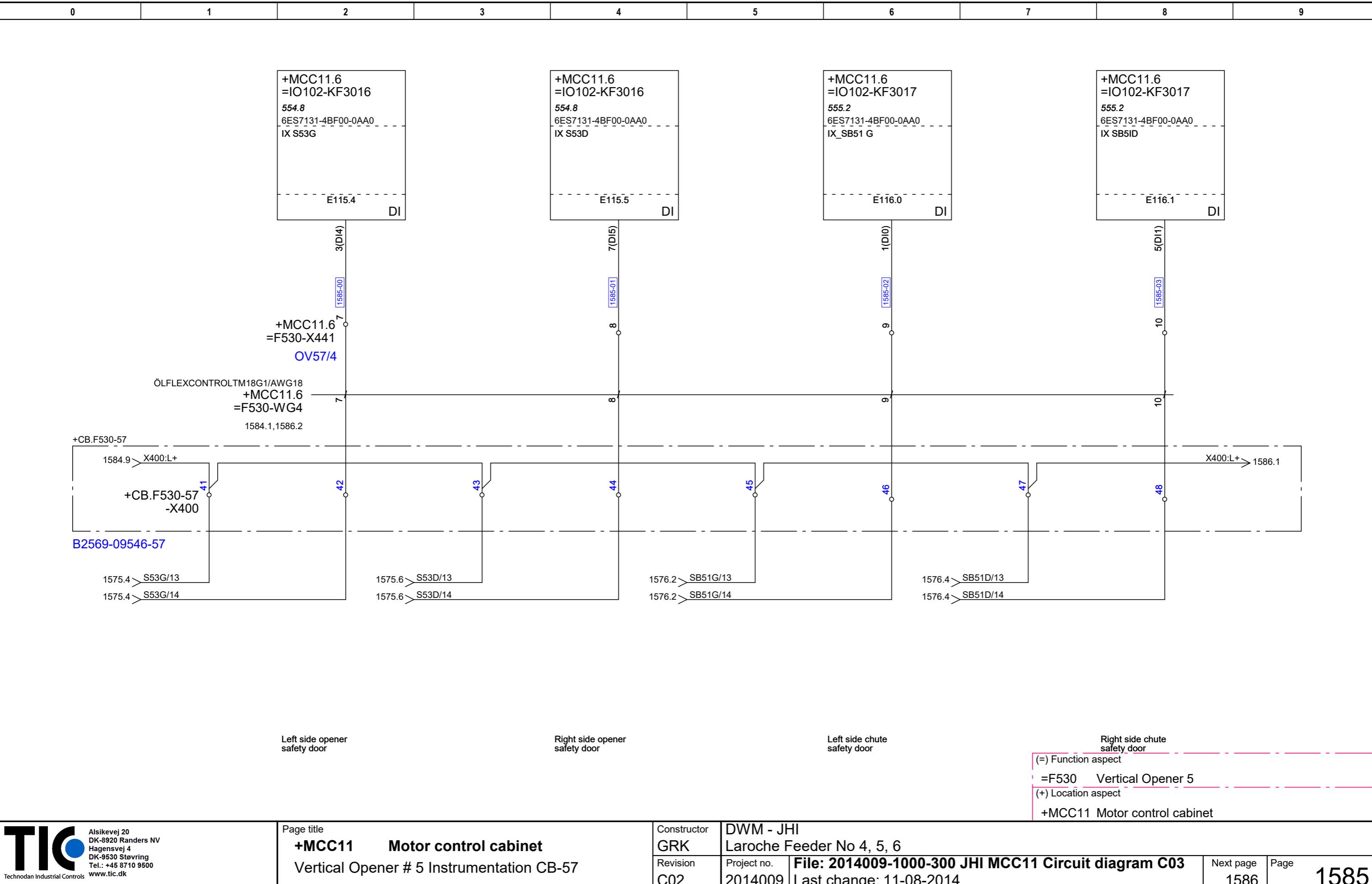


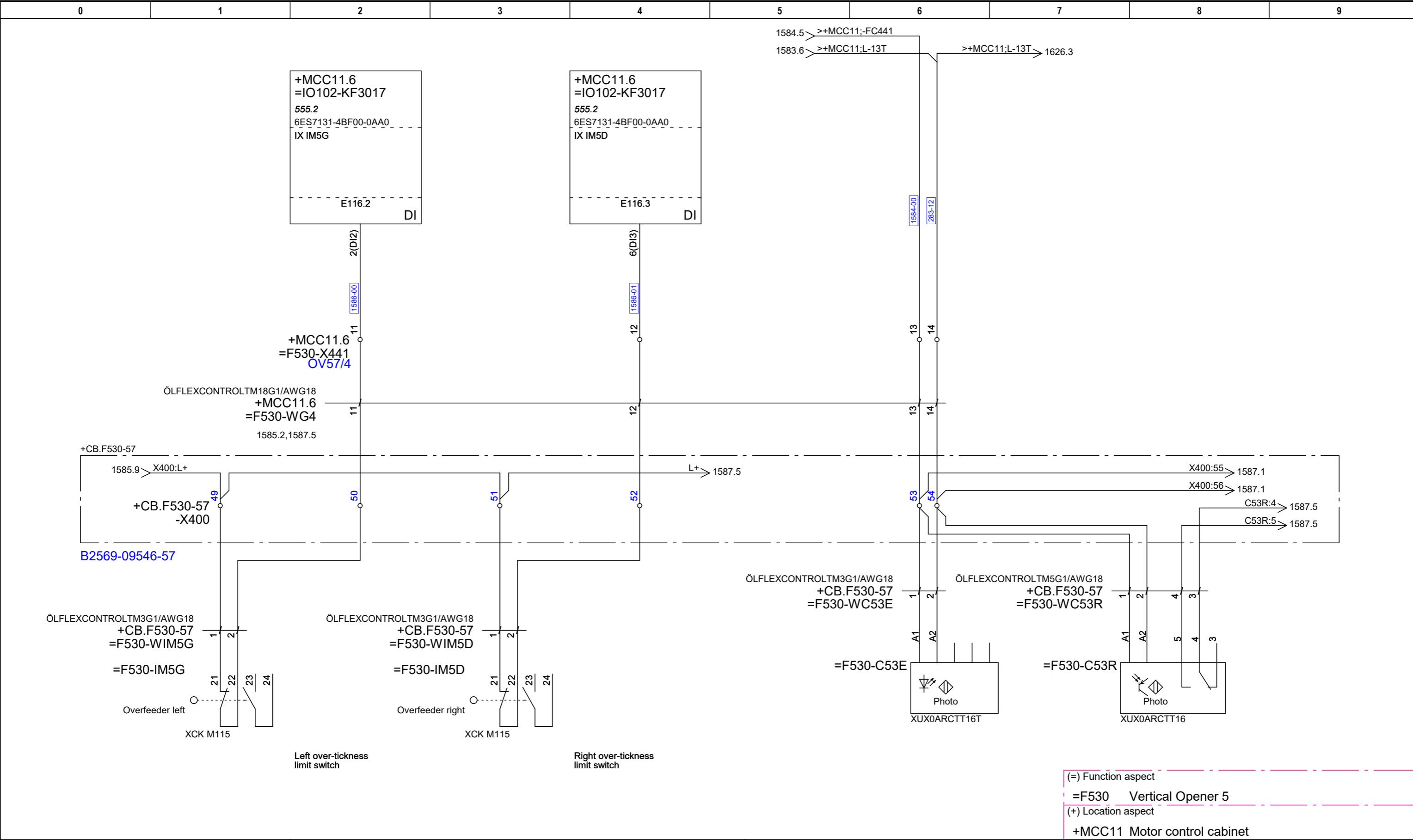
1581.4 ± 1581.4

1582.2 ± 1582.2

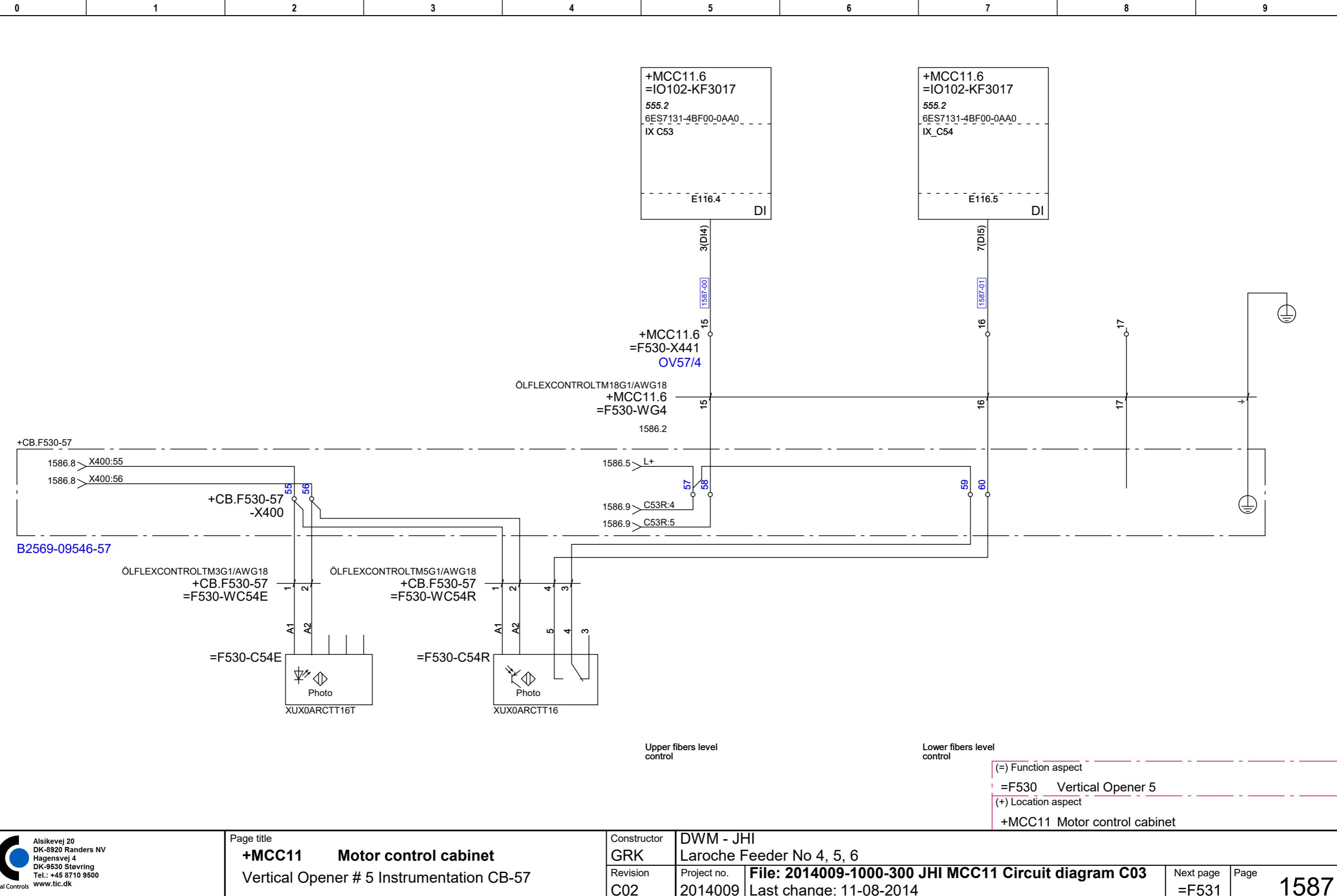
(=) Function aspect
 =F530 Vertical Opener 5
 (+) Location aspect
 +MCC11 Motor control cabinet







(=) Function aspect
=F530 Vertical Opener 5
(+) Location aspect
+MCC11 Motor control cabinet

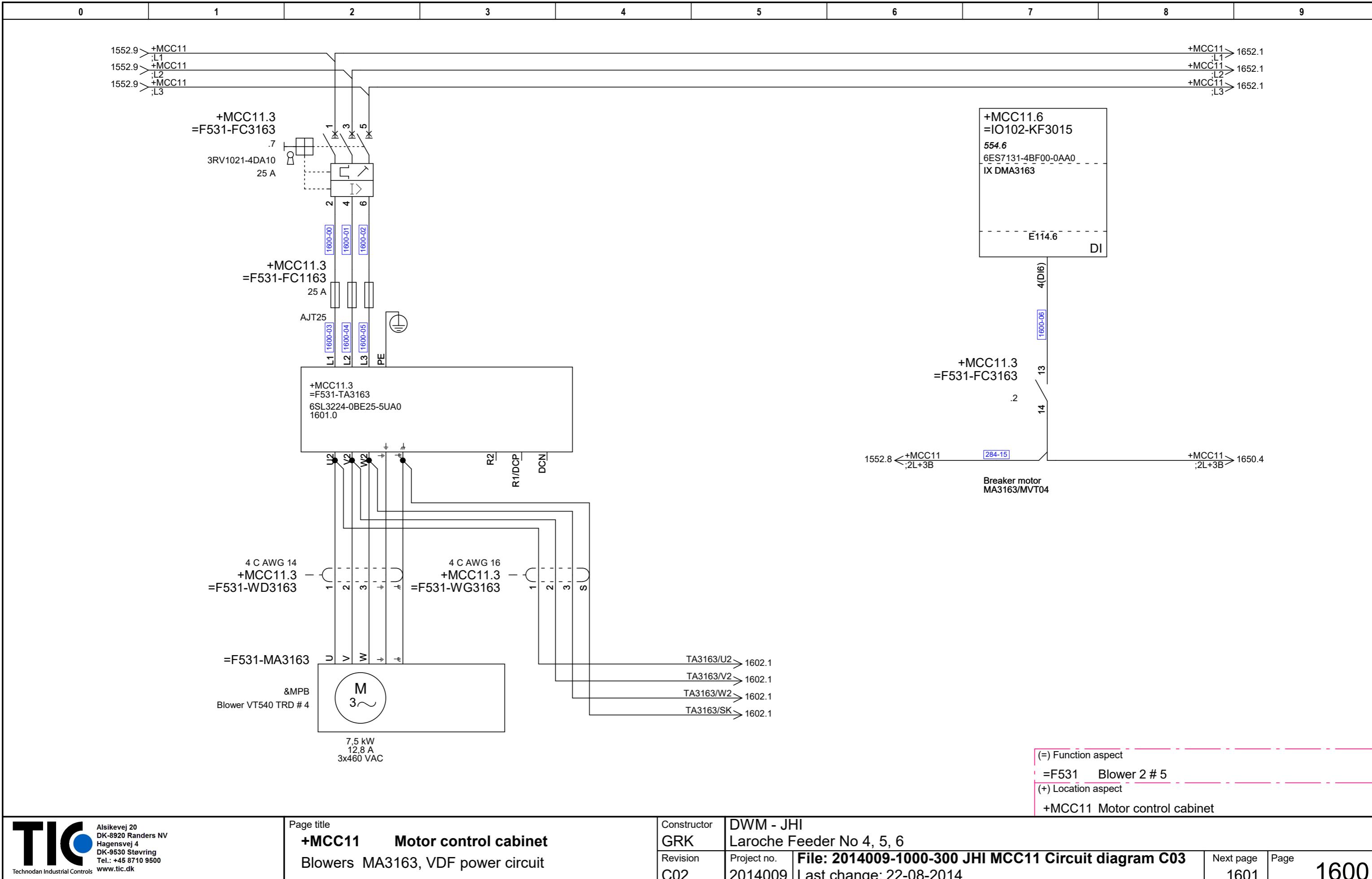


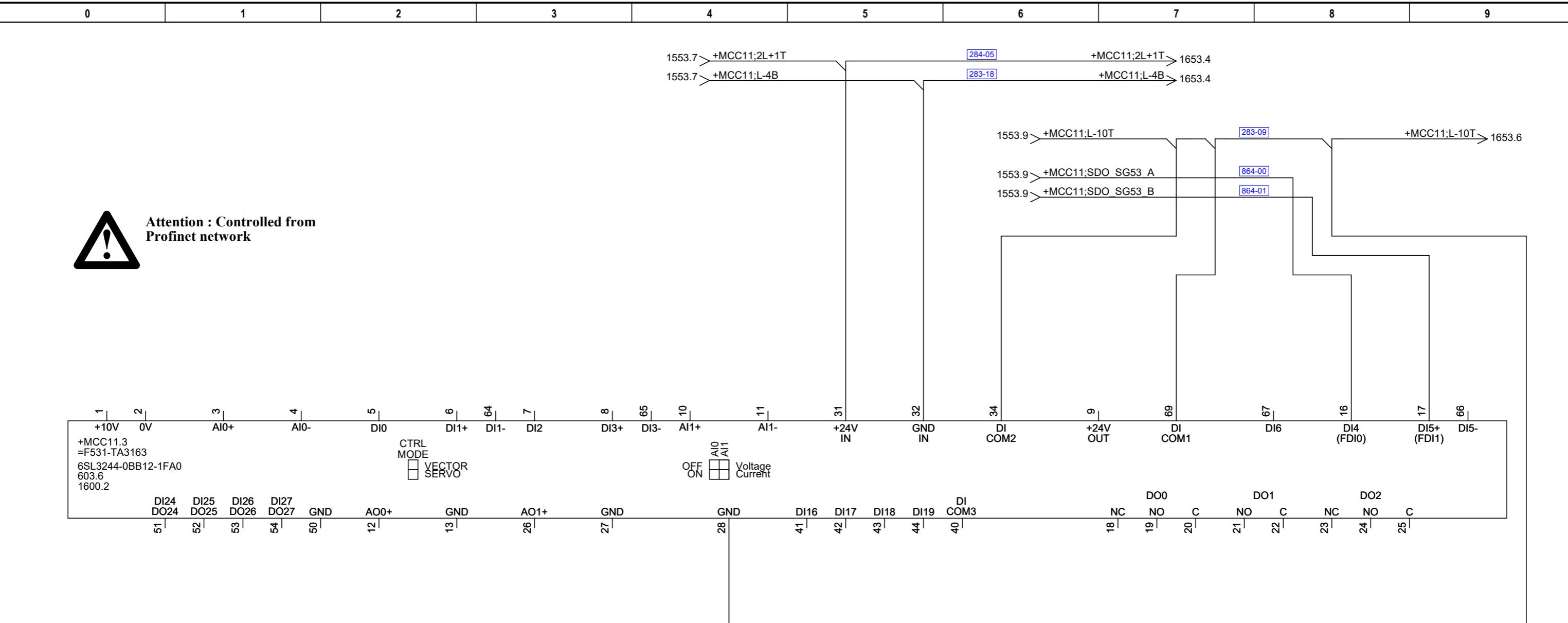
Blower 2 # 5



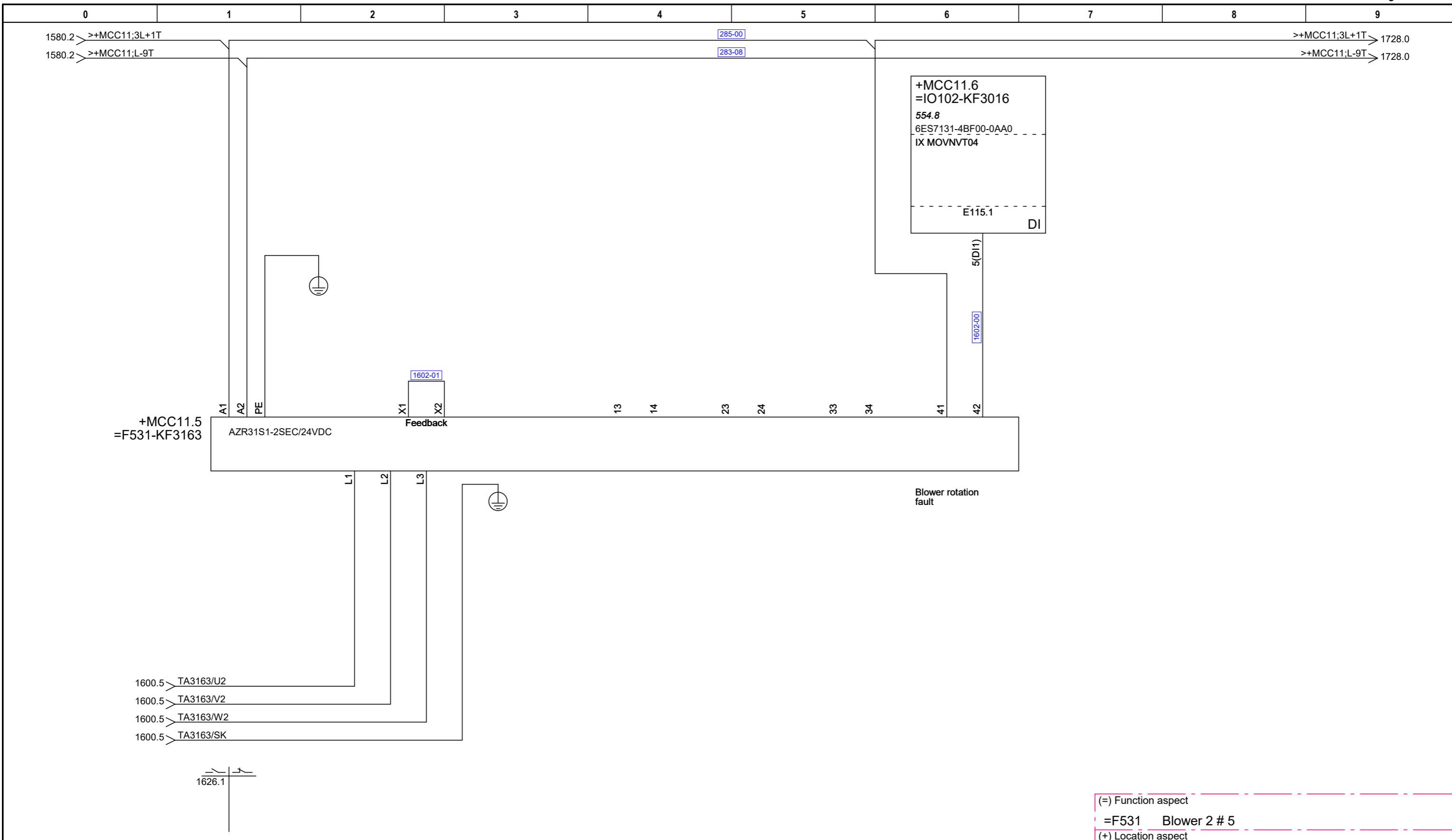
Technodan Industrial Controls

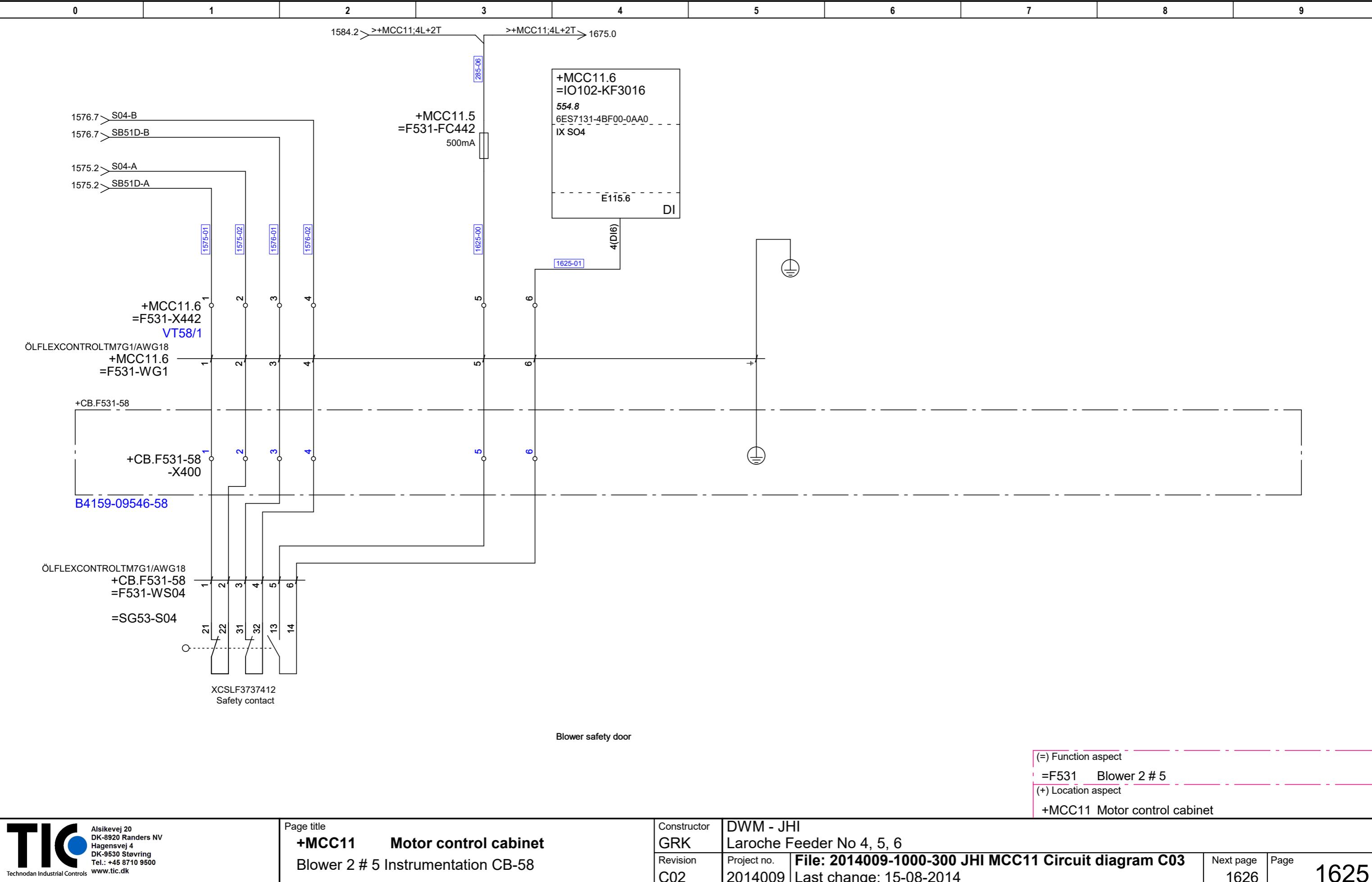
Alsikevej 20
DK-8920 Randers NV
Hagensvej 4
DK-9530 Støvring
Tel.: +45 8710 9500
www.tic.dk

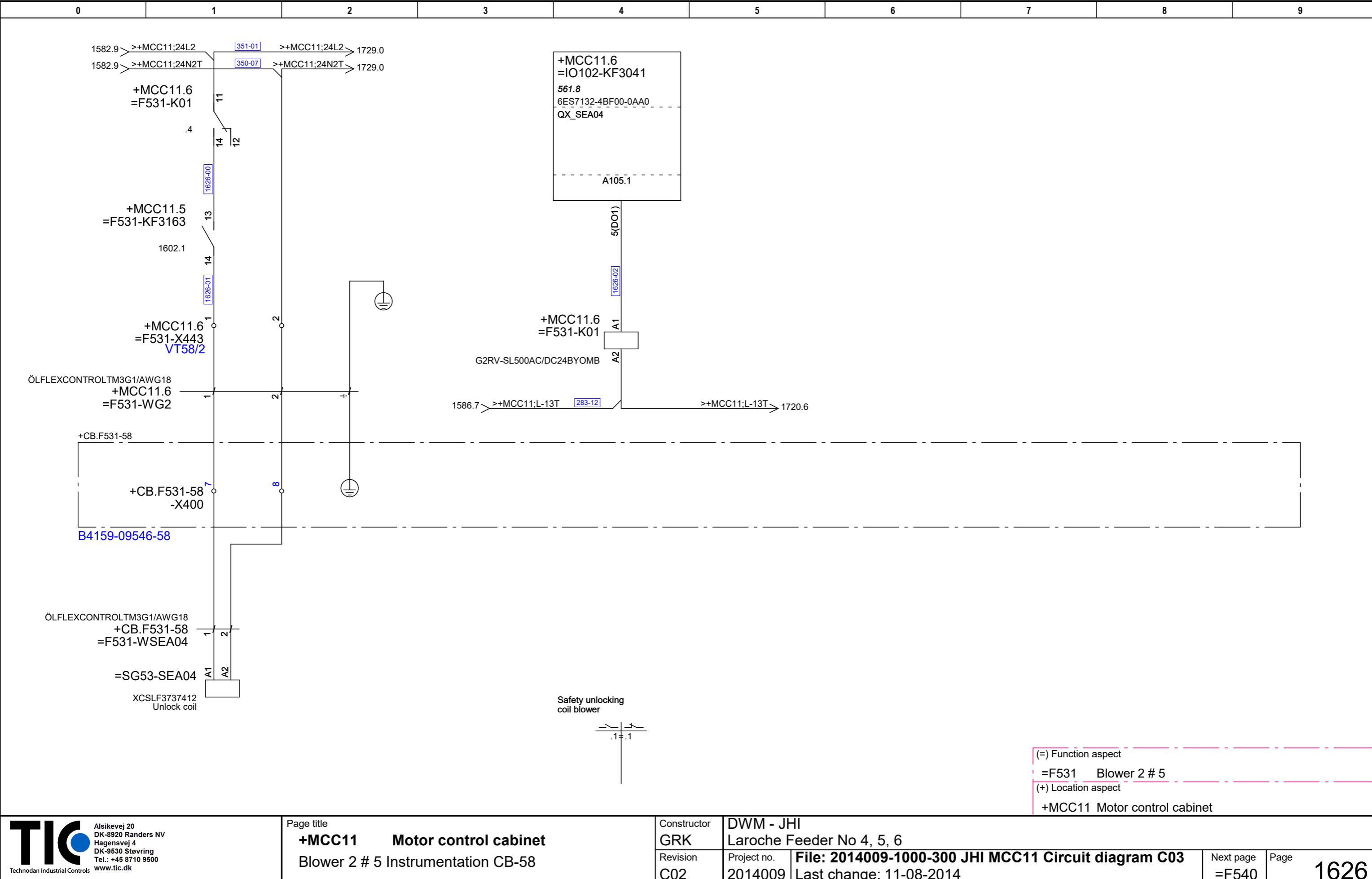




(=) Function aspect
 =F531 Blower 2 # 5
 (+) Location aspect
 +MCC11 Motor control cabinet





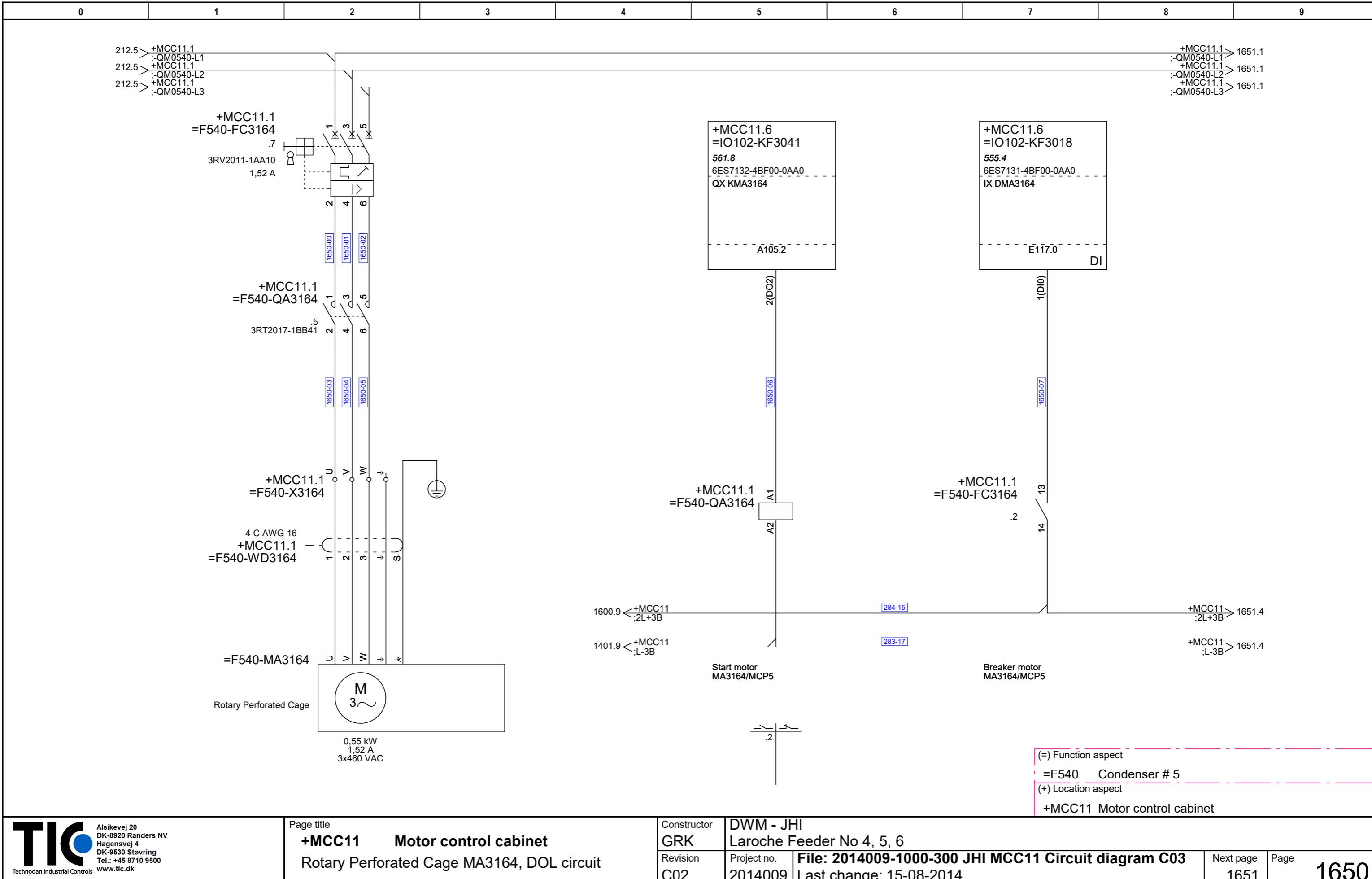


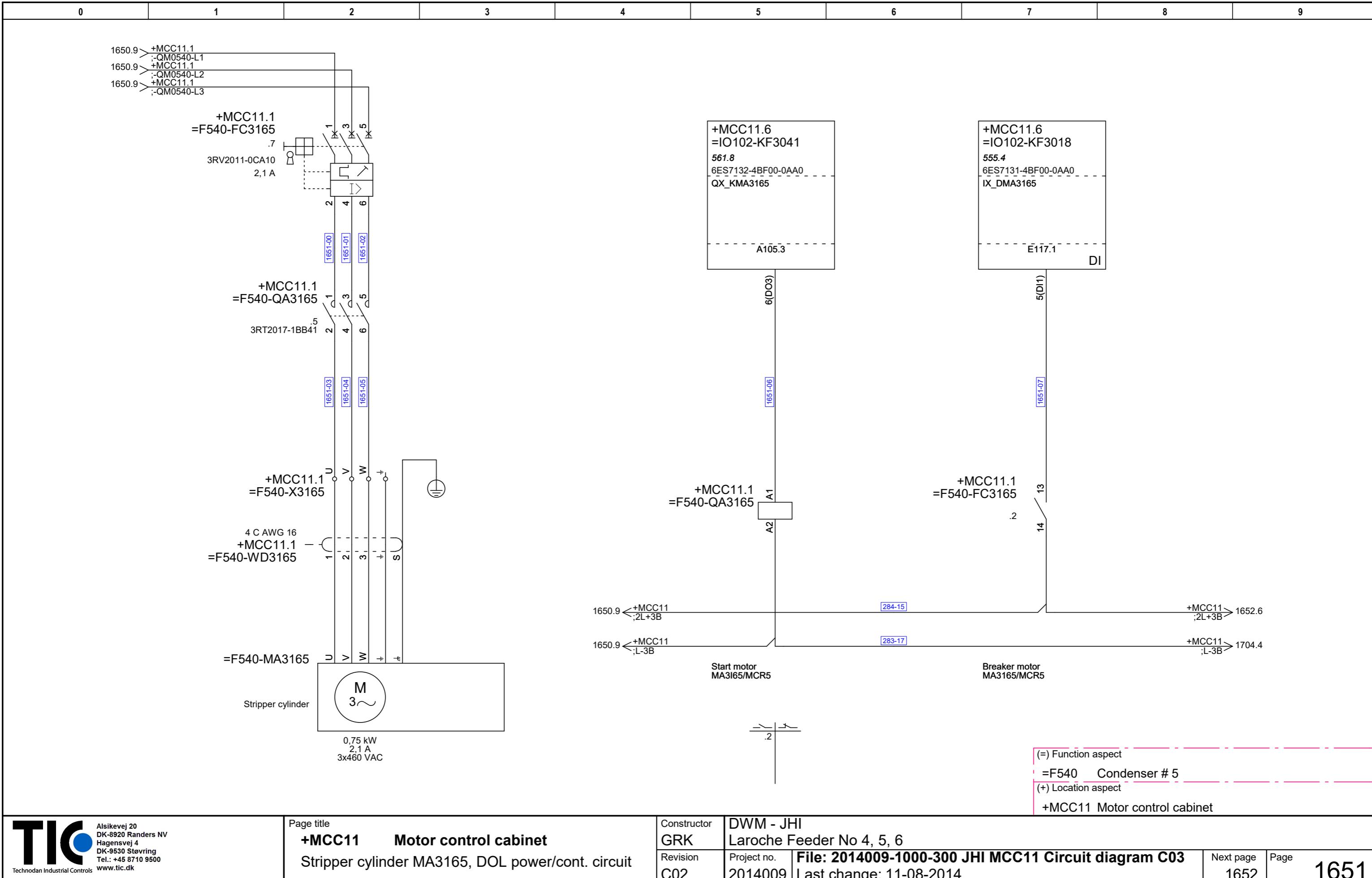
Condenser # 5

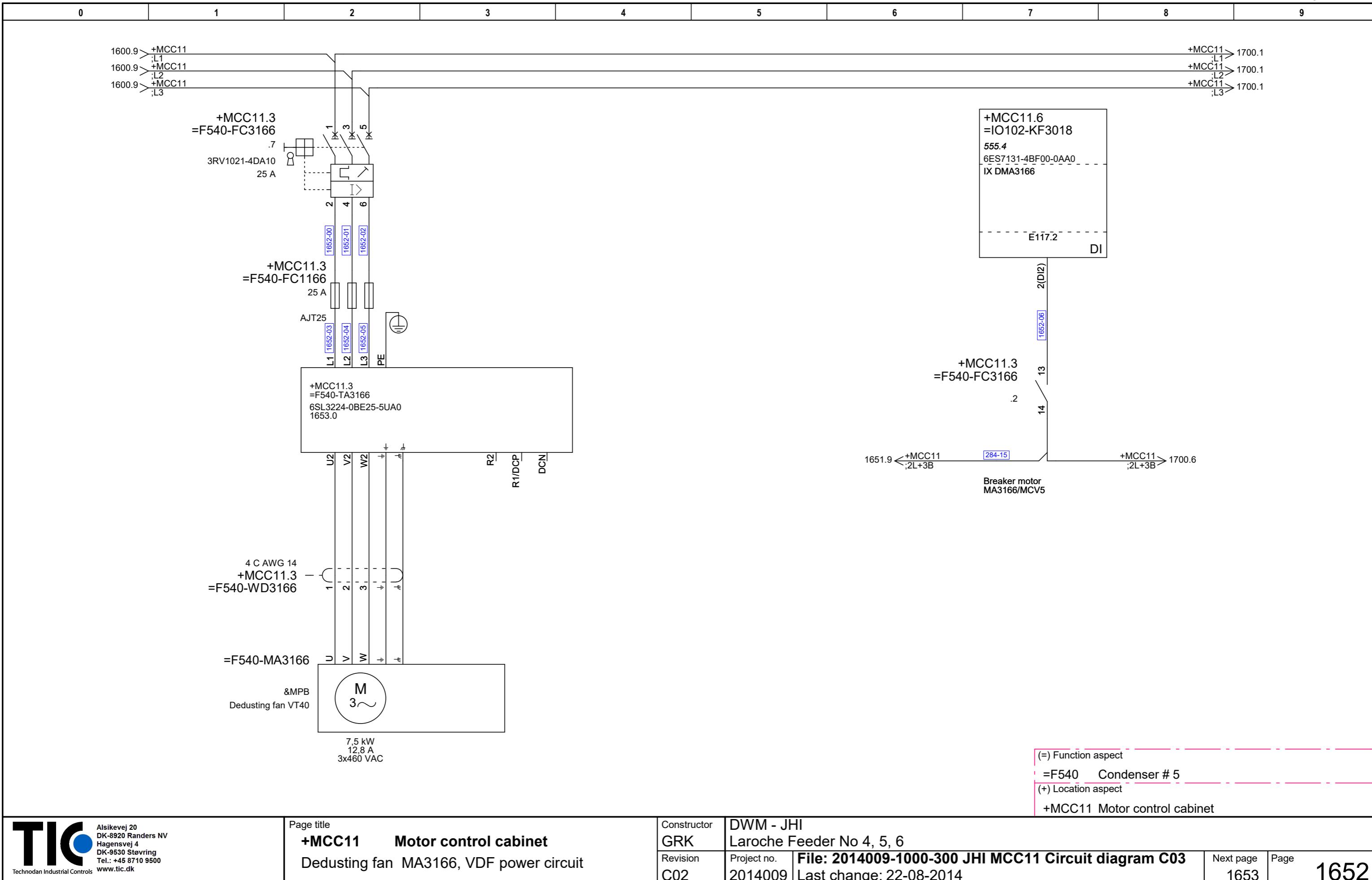


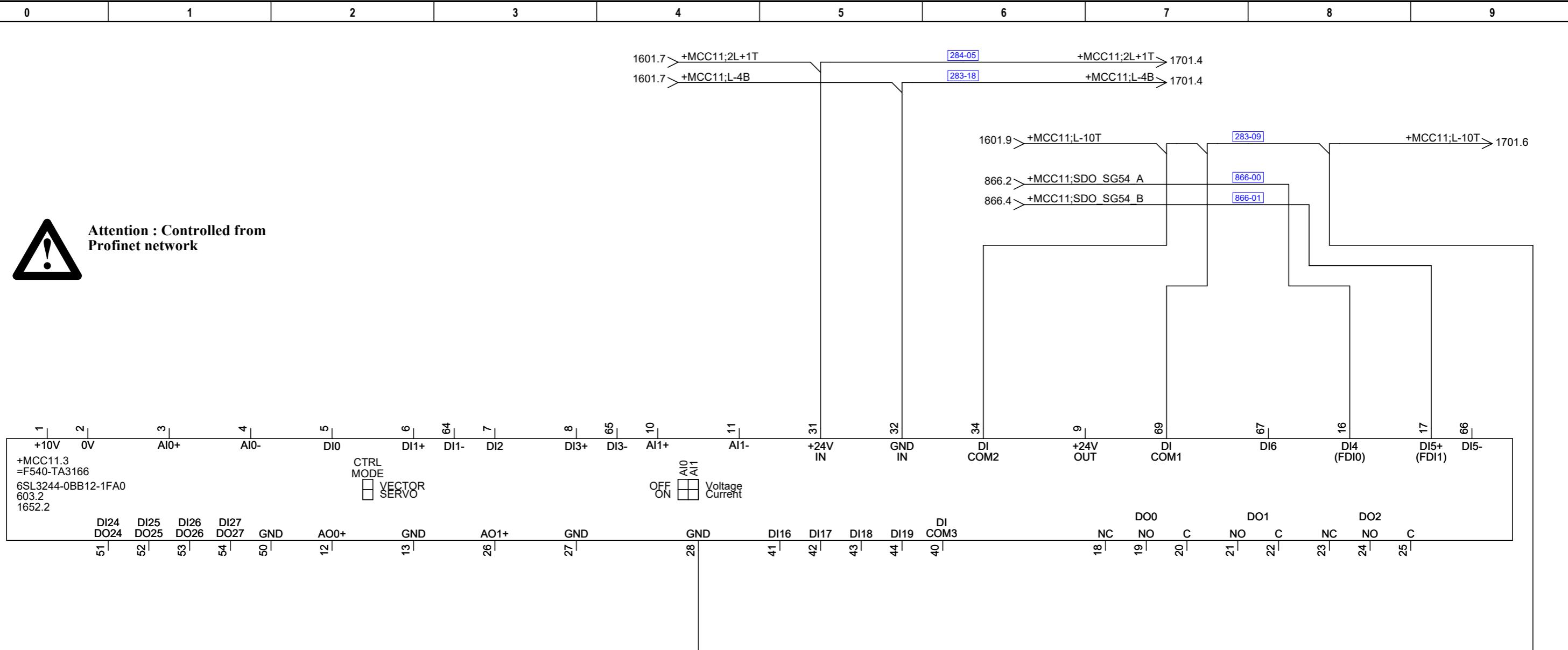
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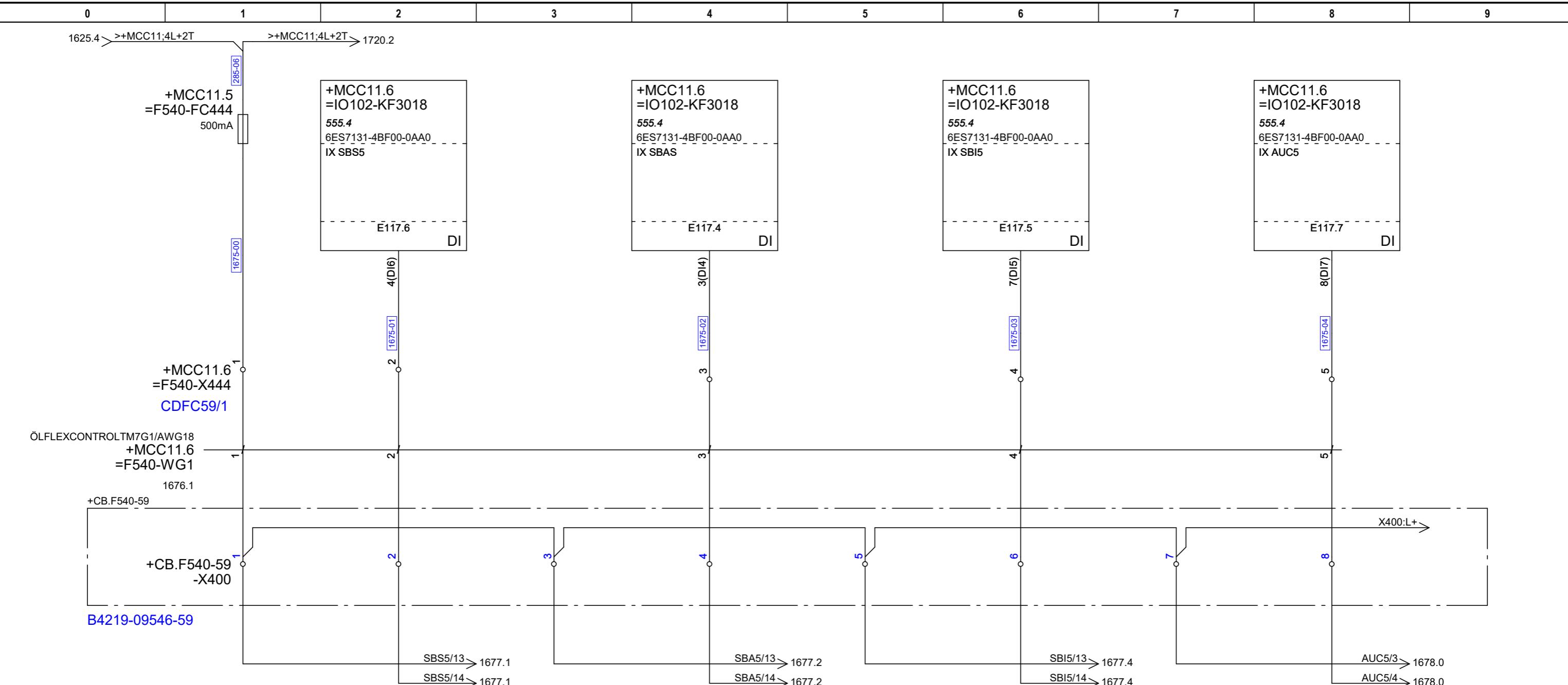








- (=) Function aspect
- =F540 Condenser # 5
- (+) Location aspect
- +MCC11 Motor control cabinet



Safety upper door

Safety back door

Safety lower door

Emergency stop

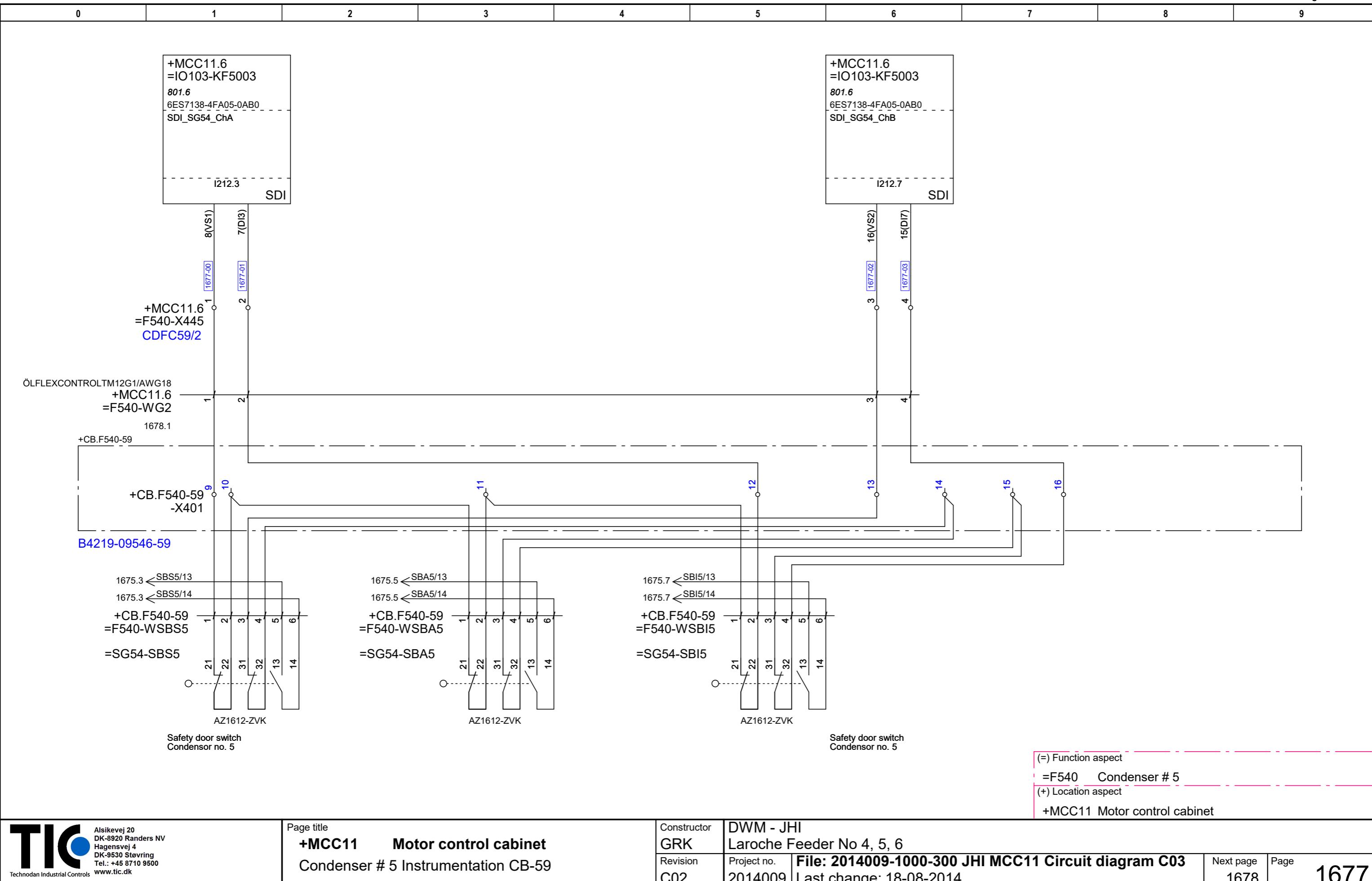
(=) Function aspect
=F540 Condenser # 5
(+) Location aspect
+MCC11 Motor control cabinet

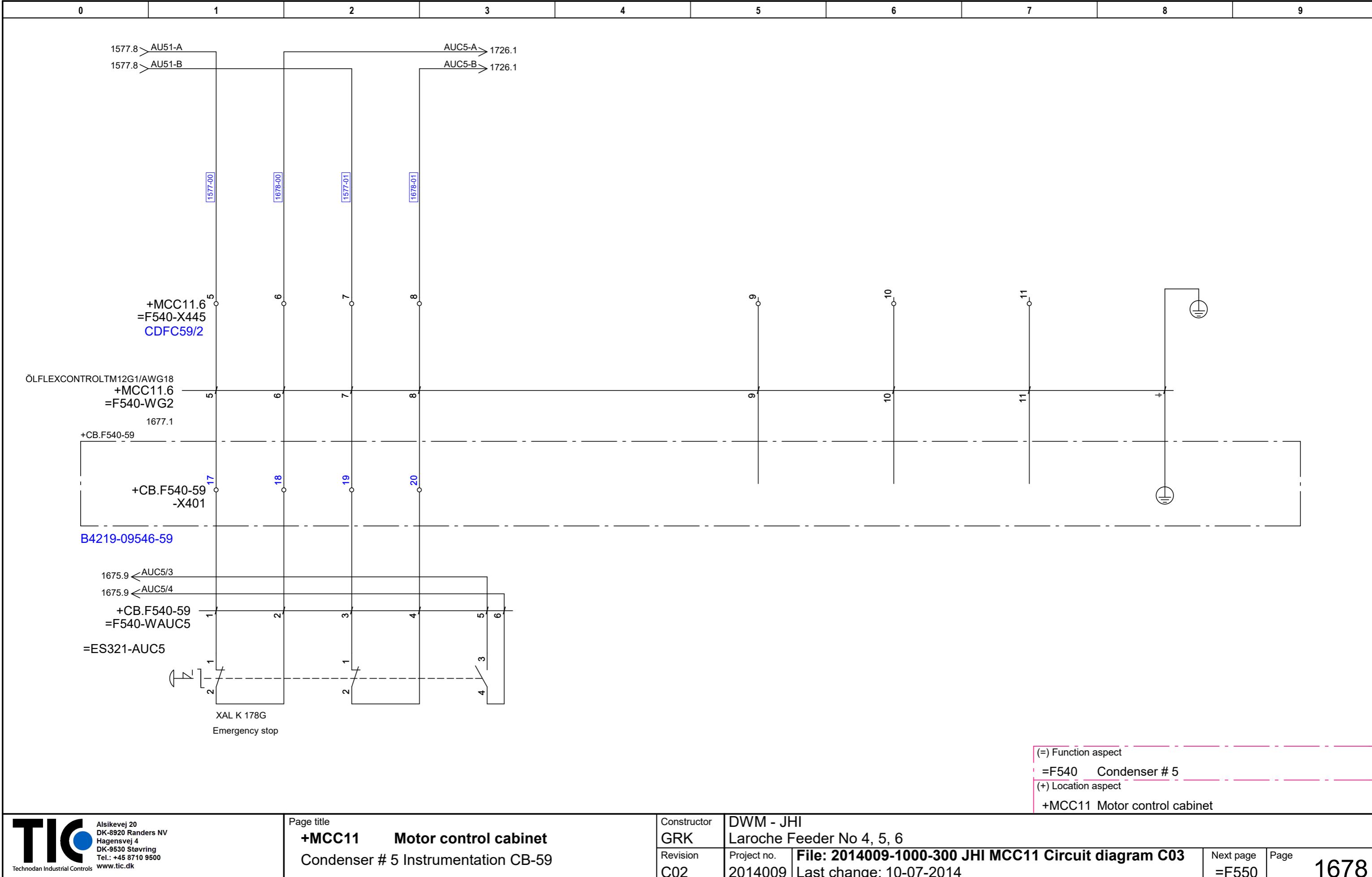
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B4219-09546-59

(=) Function aspect
 =F540 Condenser # 5
 (+) Location aspect
 +MCC11 Motor control cabinet



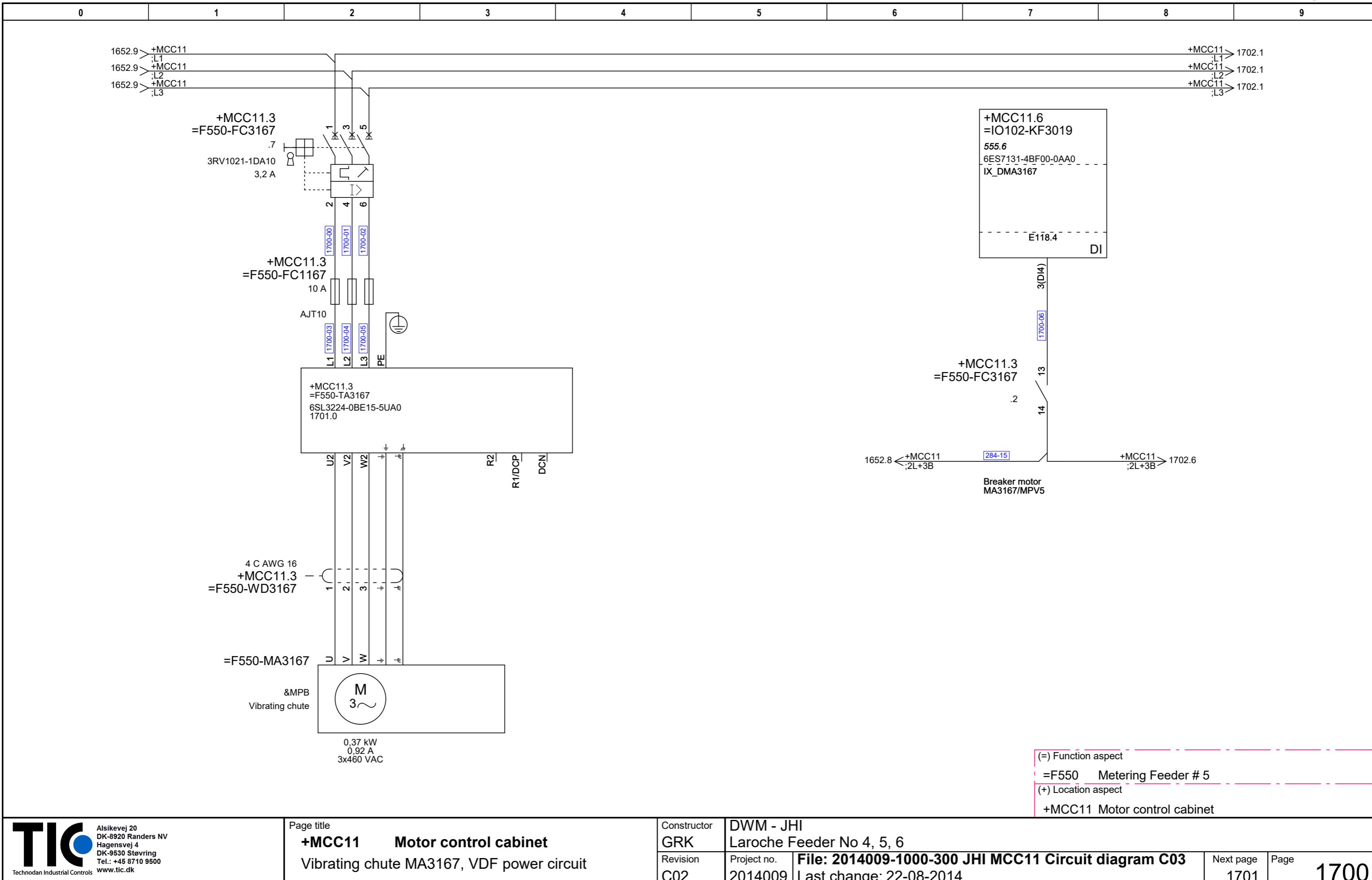


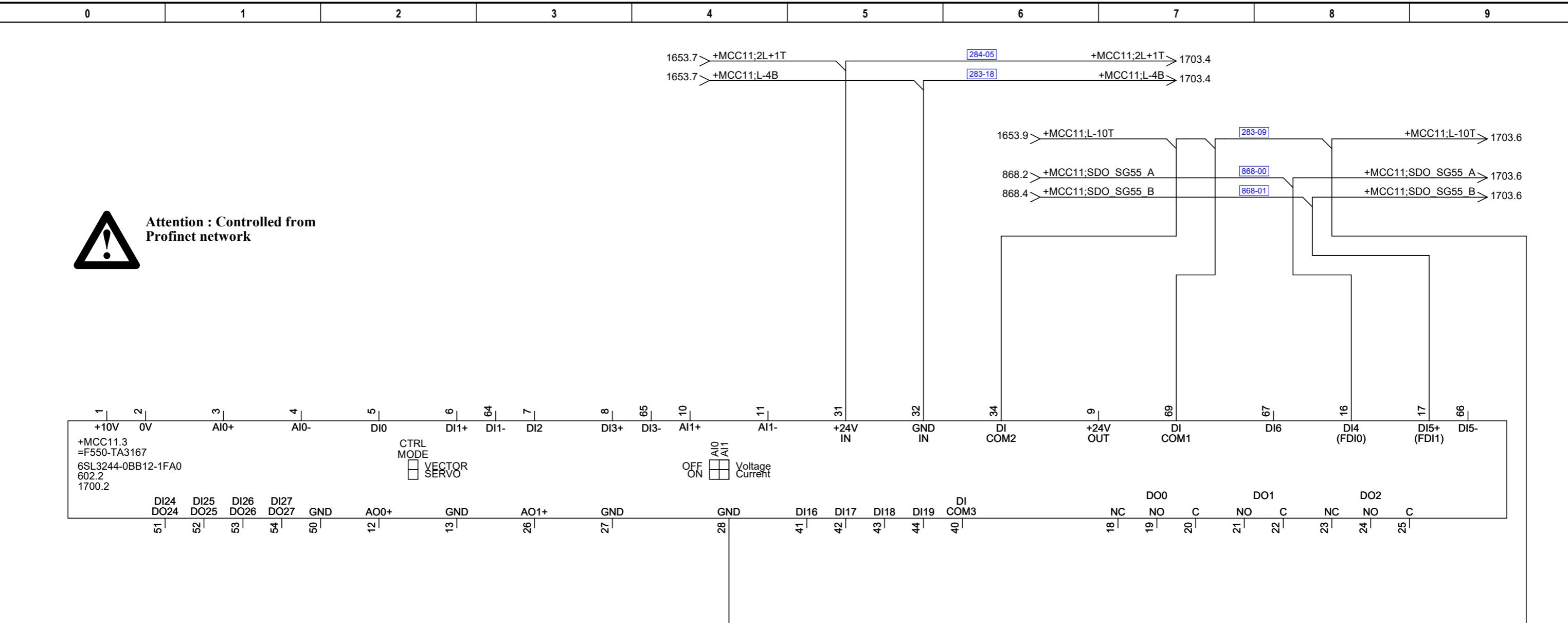
Metering Feeder # 5



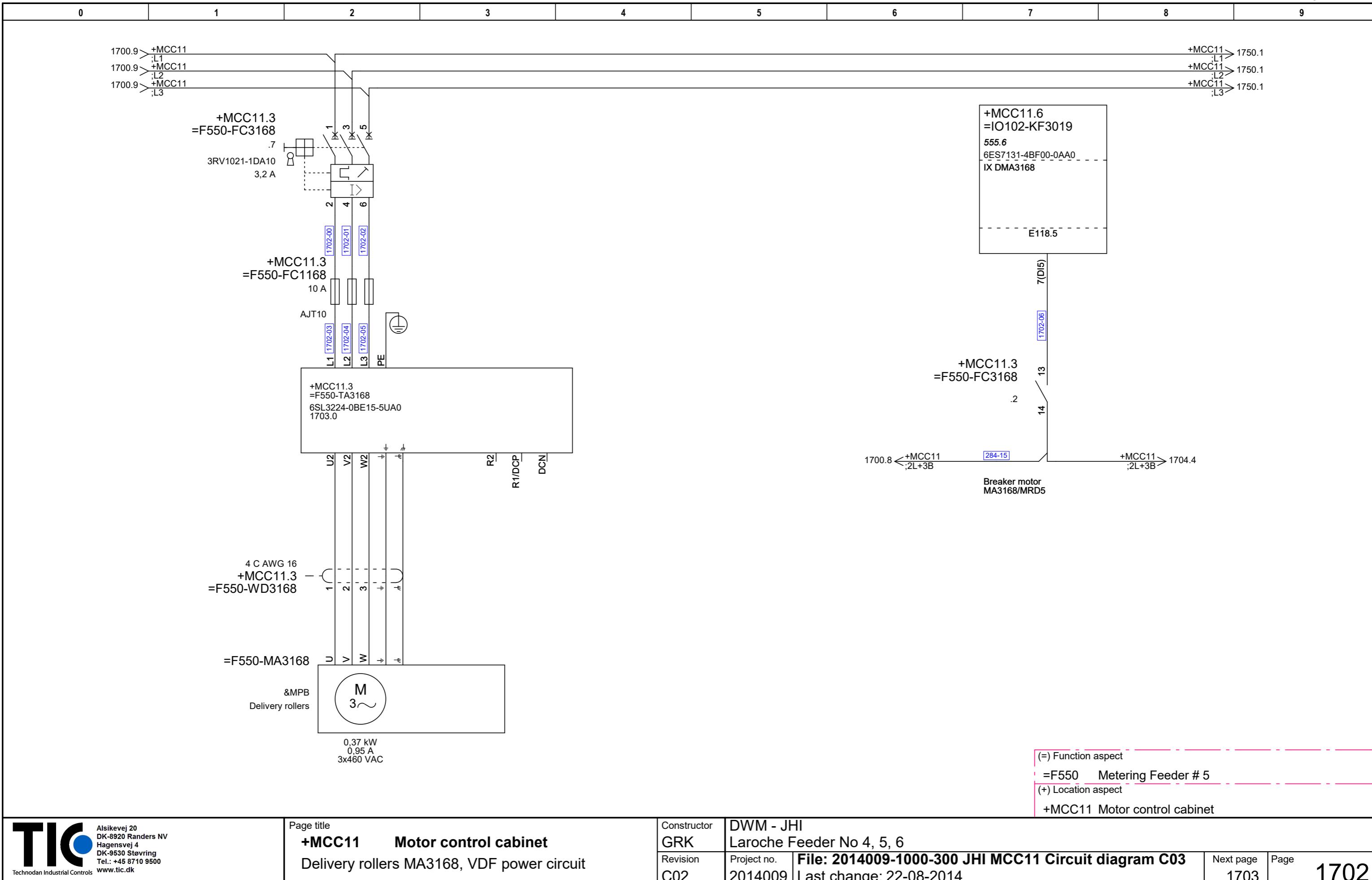
Technodan Industrial Controls

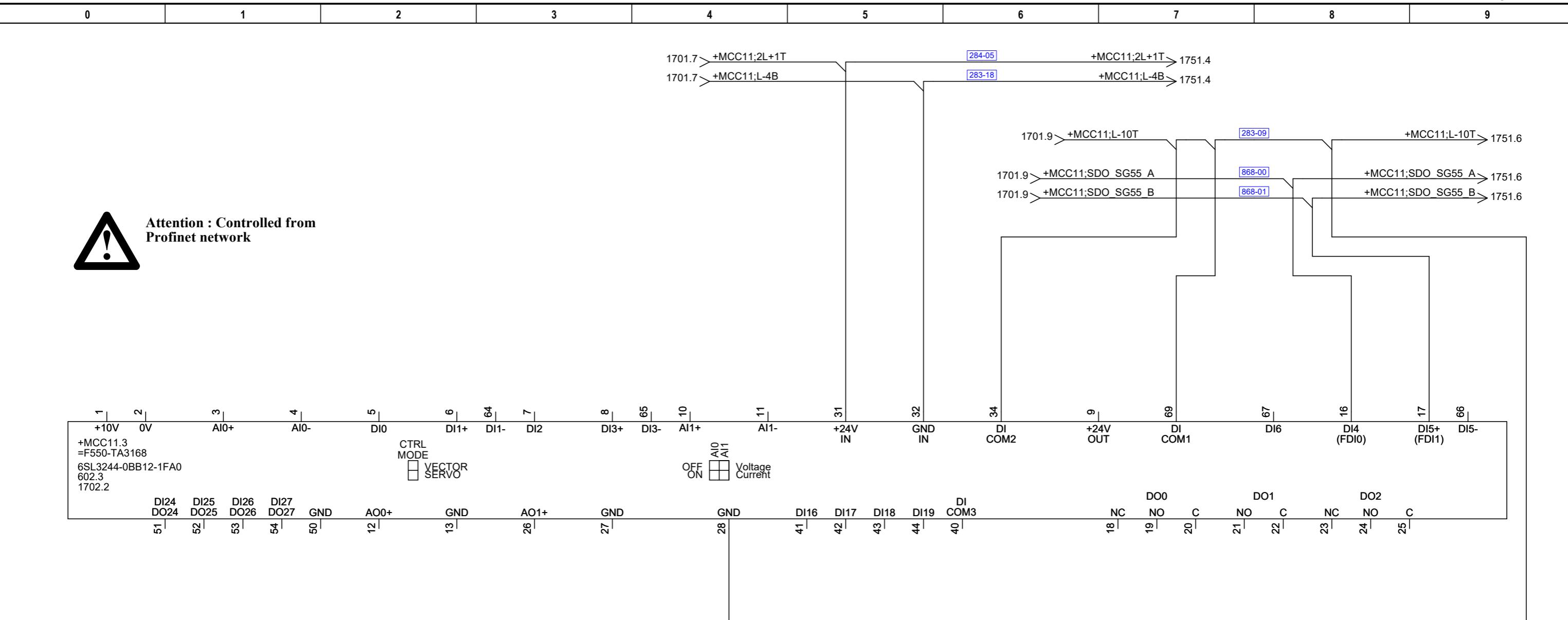
Alsikevej 20
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DK-9530 Støvring
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(=) Function aspect
 =F550 Metering Feeder # 5
 (+) Location aspect
 +MCC11 Motor control cabinet



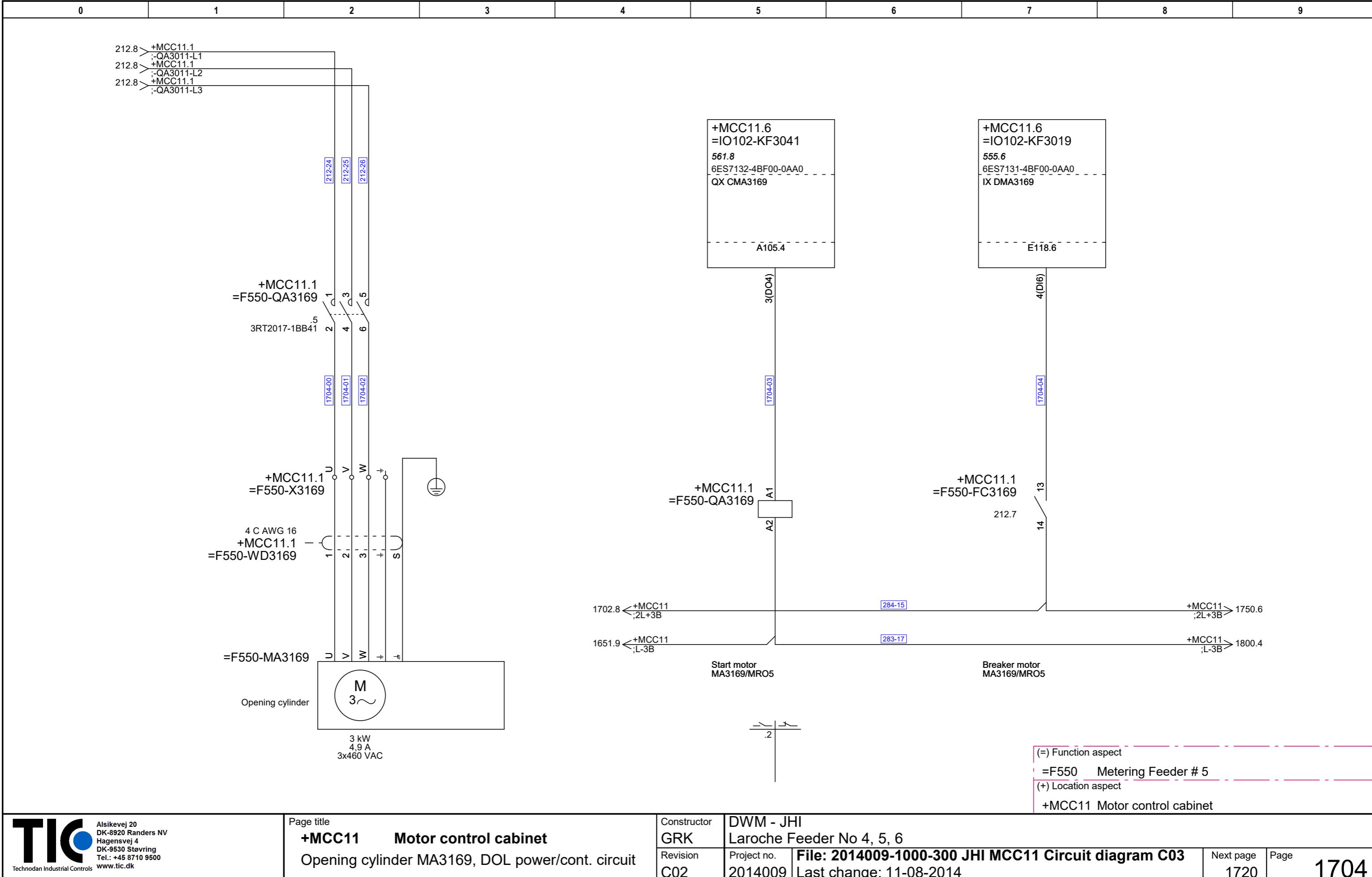


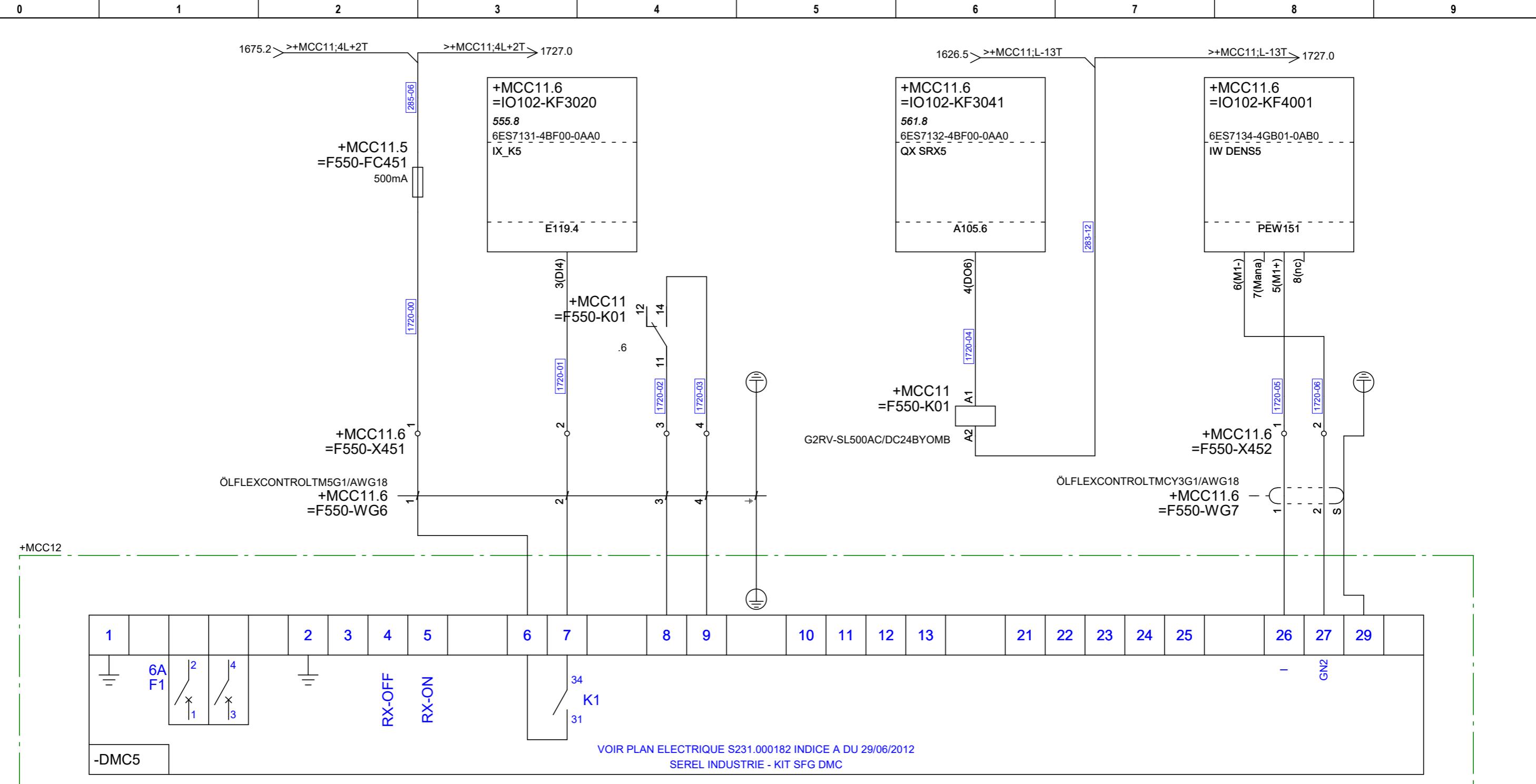
(=) Function aspect

=F550 Metering Feeder # 5

(+) Location aspect

+MCC11 Motor control cabinet



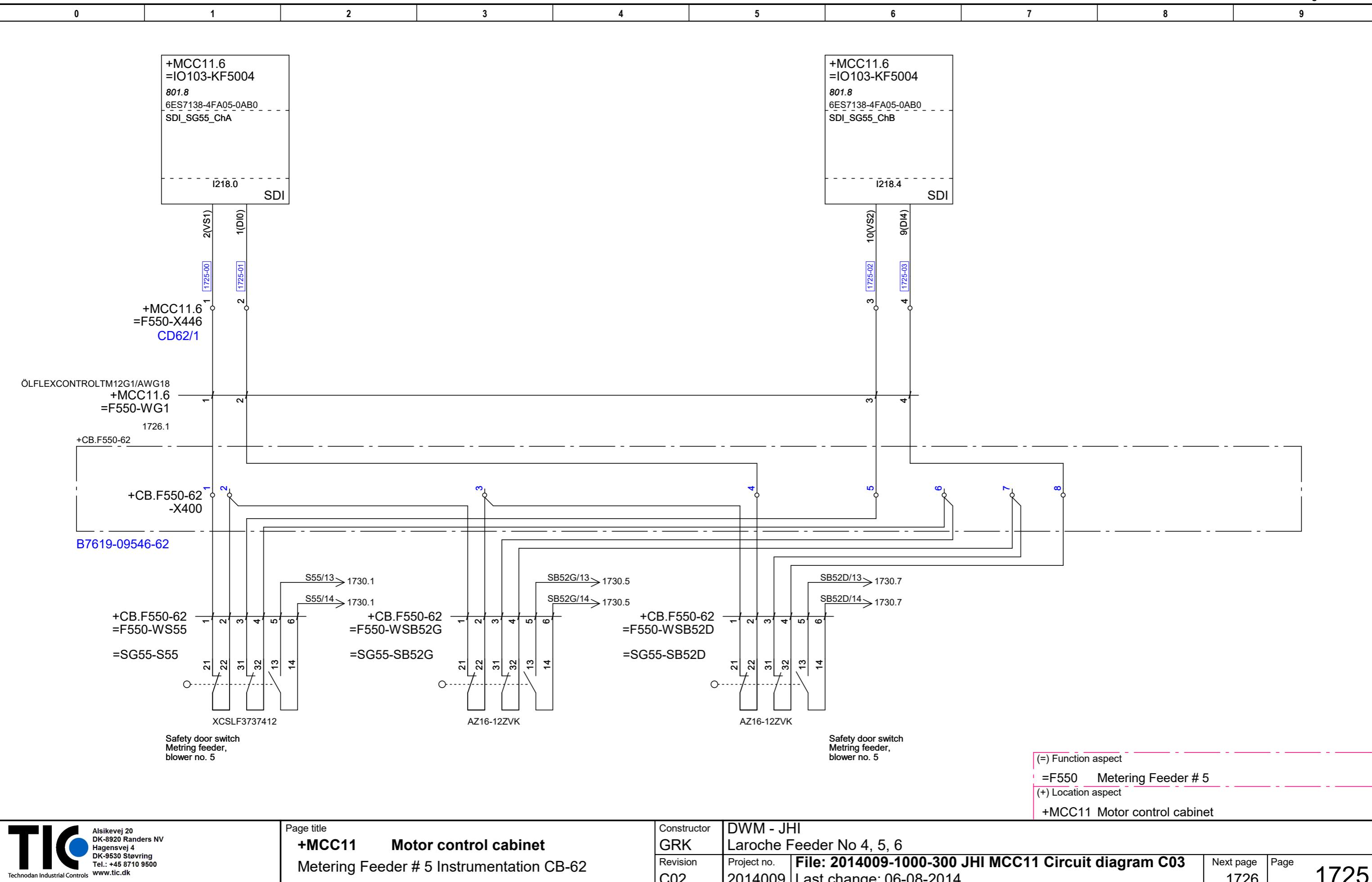


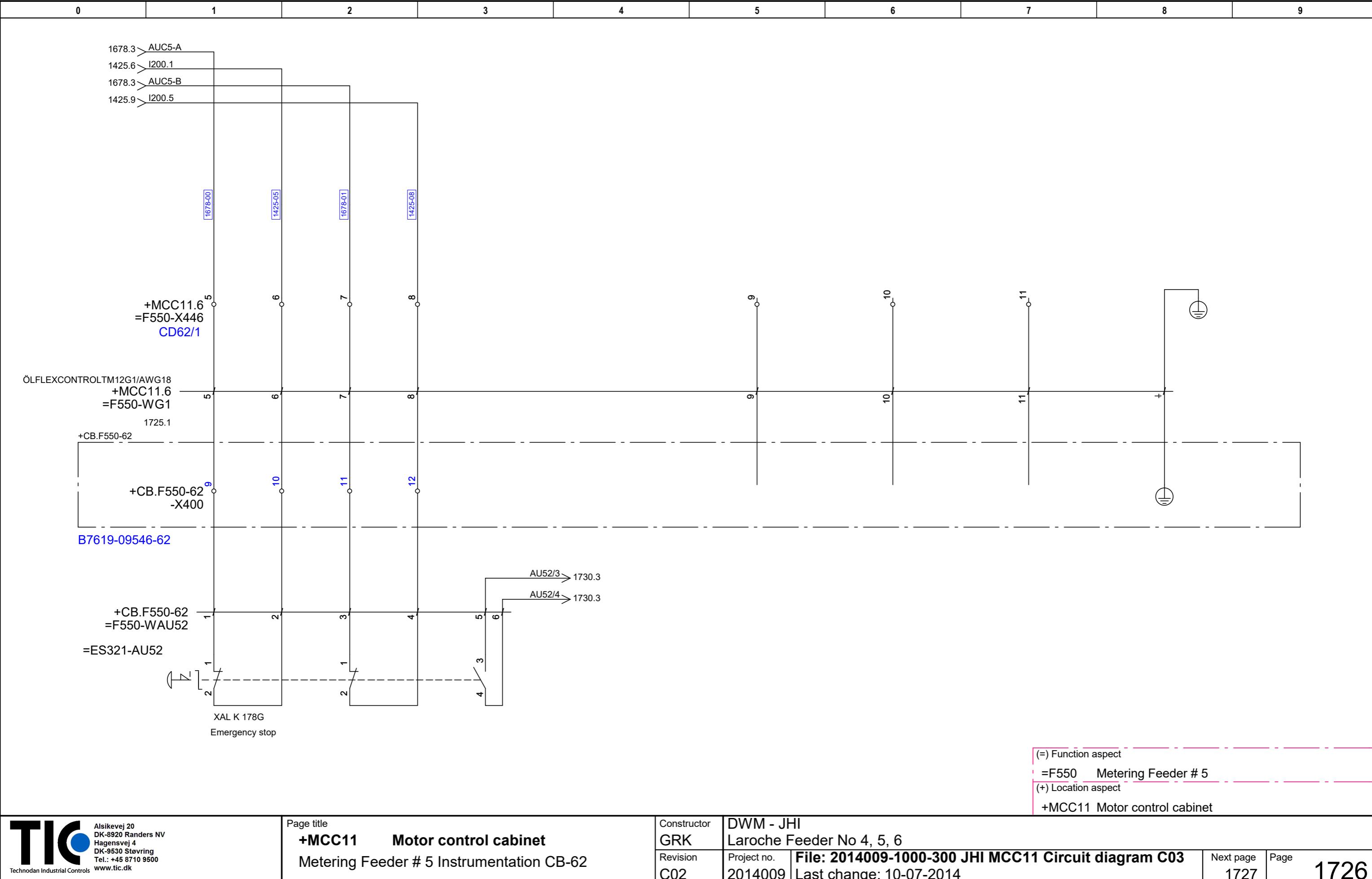
X-ray system ready

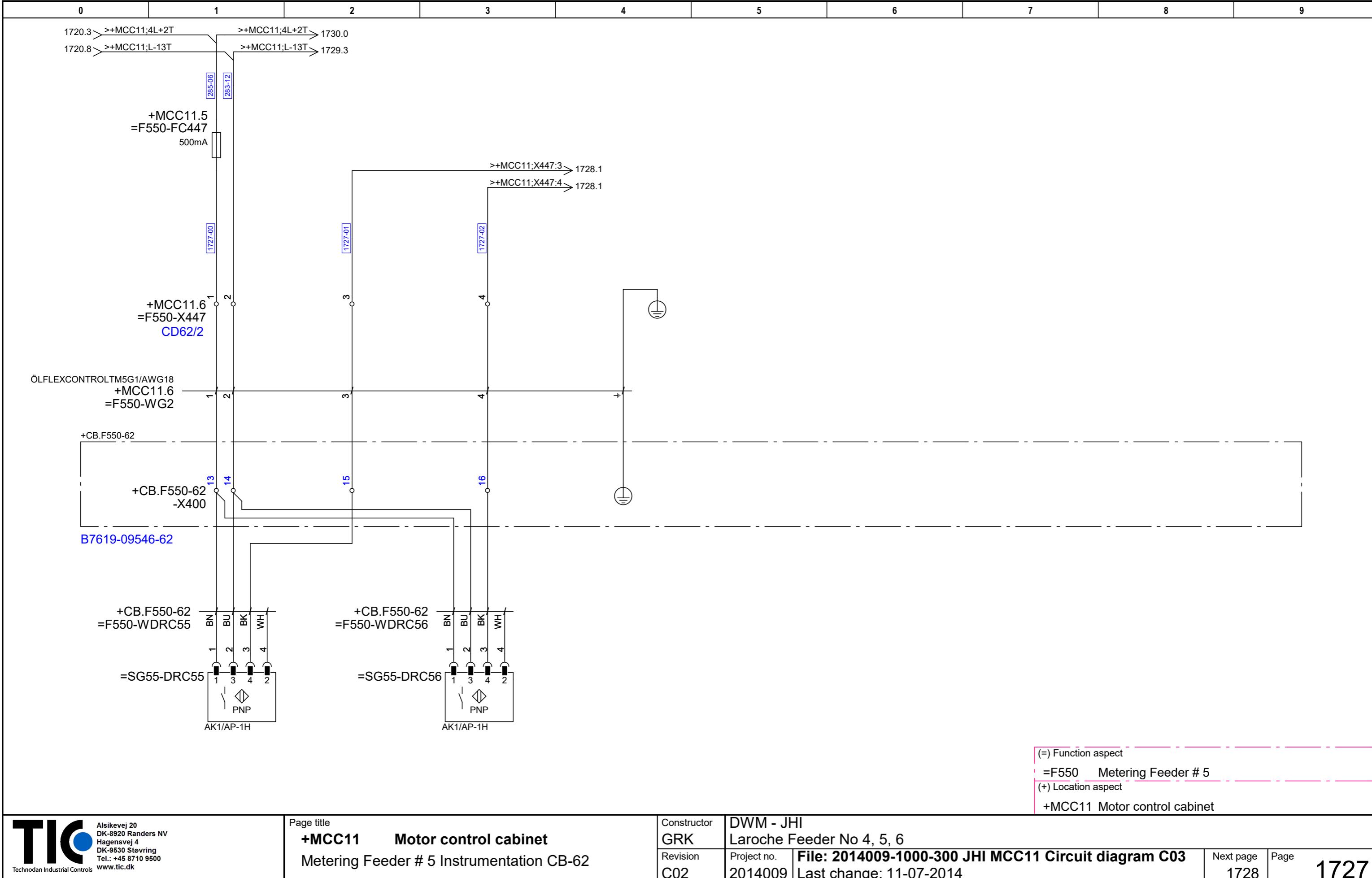
X-ray system on

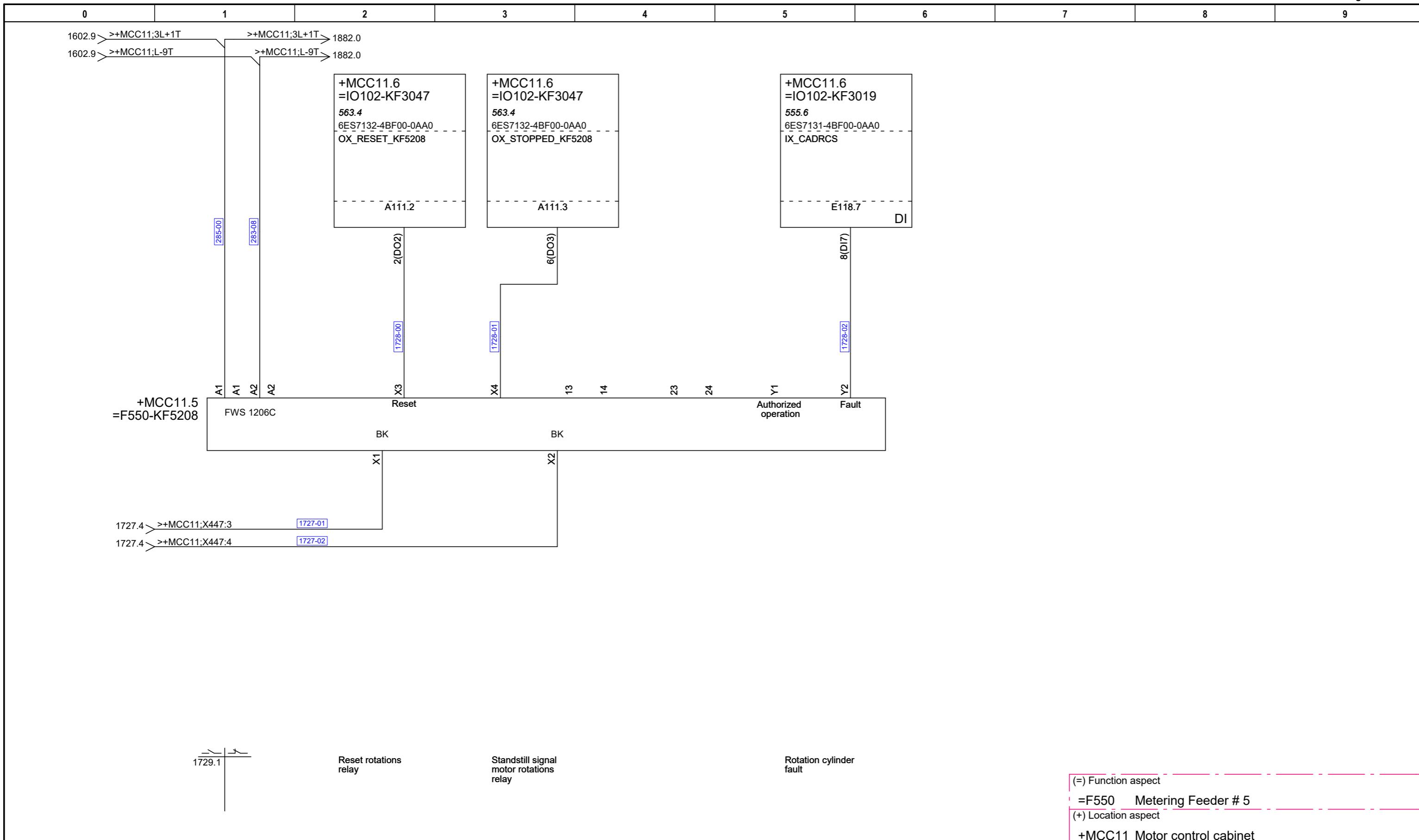
Density analog
signal (4-20mA) X-
ray system n°5

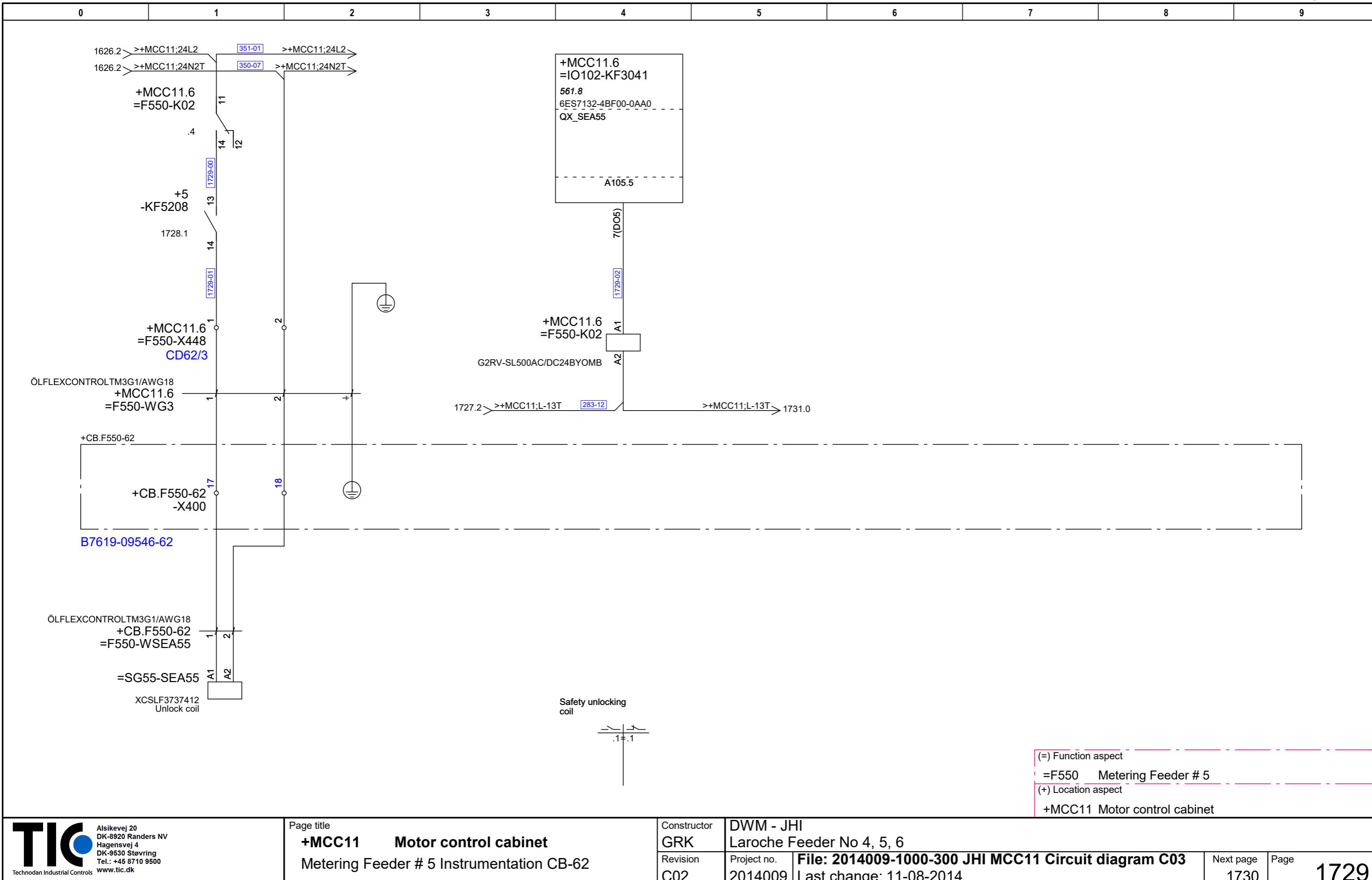
- (=) Function aspect
- =F550 Metering Feeder # 5
- (+) Location aspect
- +MCC11 Motor control cabinet



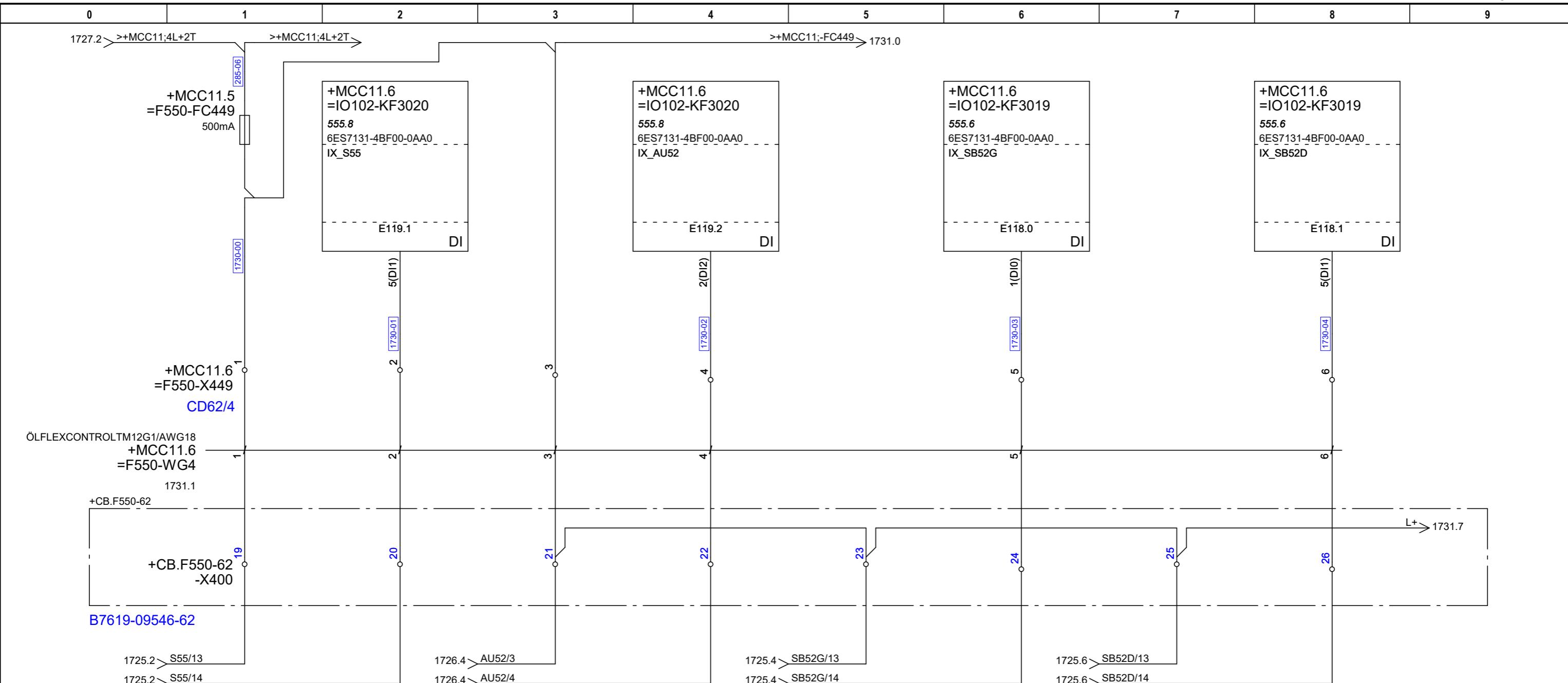








(=) Function aspect
 =F550 Metering Feeder # 5
 (+) Location aspect
 +MCC11 Motor control cabinet



Safety door

Emergency stop

Left side chute safety door

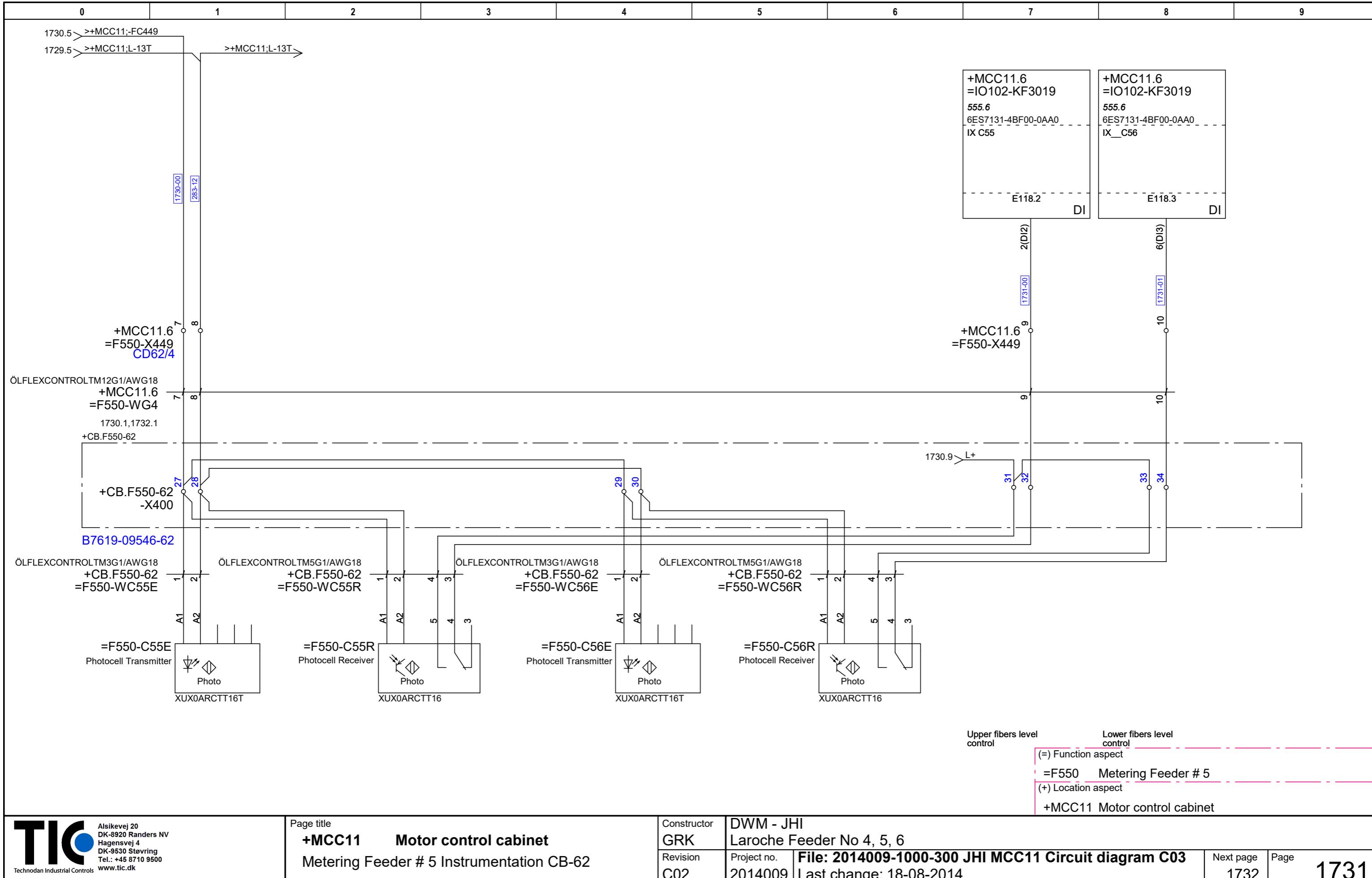
Right side chute safety door

(=) Function aspect

=F550 Metering Feeder # 5

(+) Location aspect

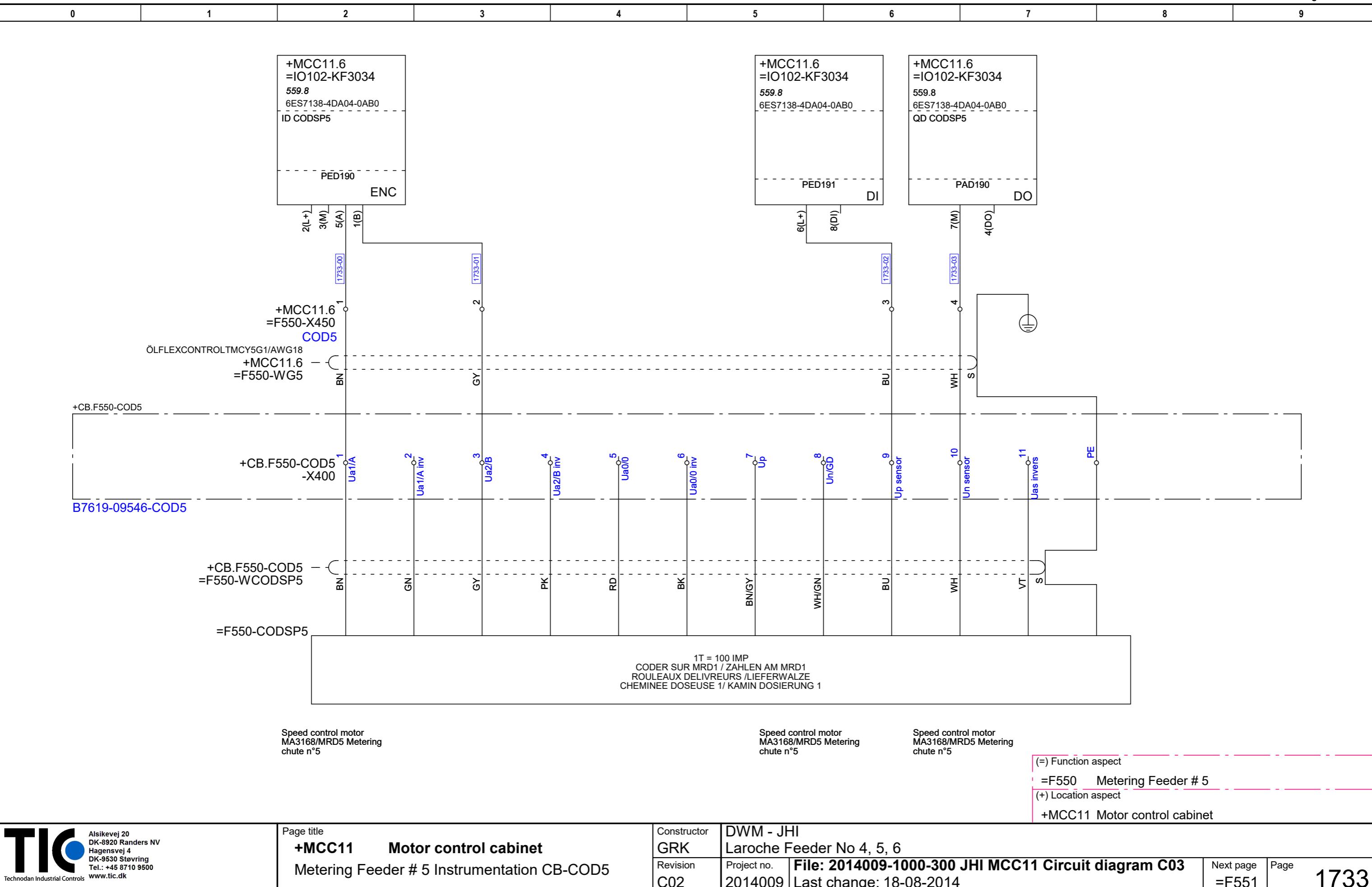
+MCC11 Motor control cabinet



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(=) Function aspect
 =F550 Metering Feeder # 5
 (+) Location aspect
 +MCC11 Motor control cabinet

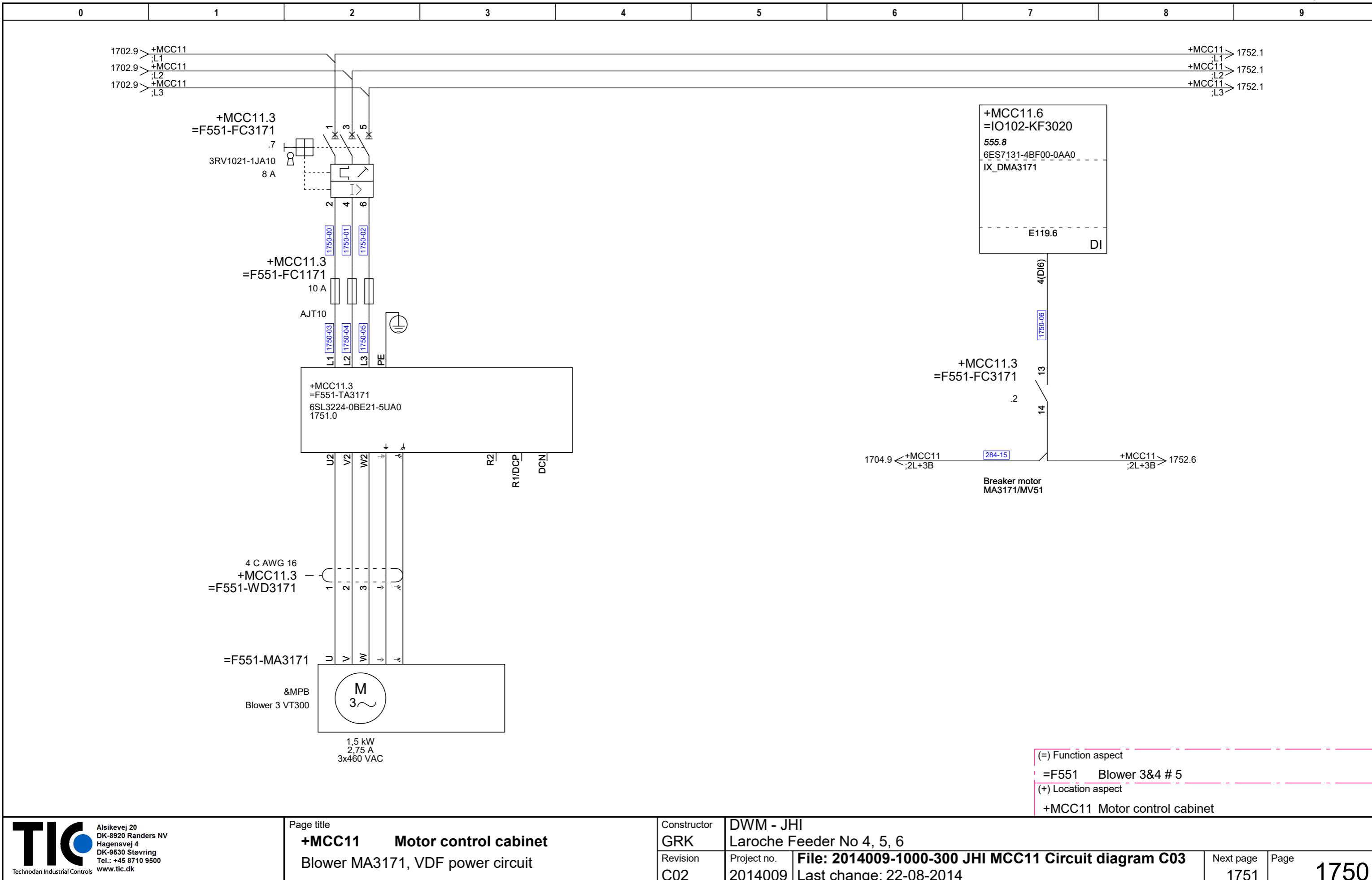


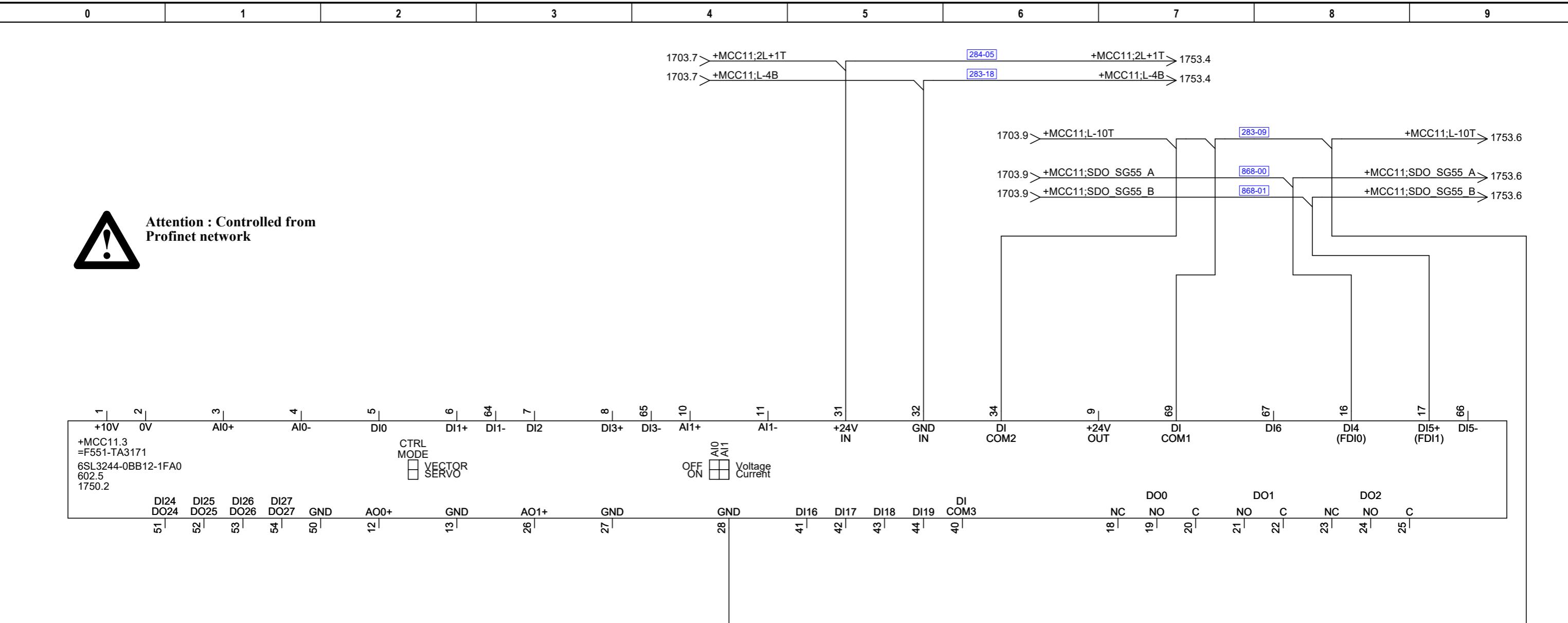
Blower 3&4 # 5



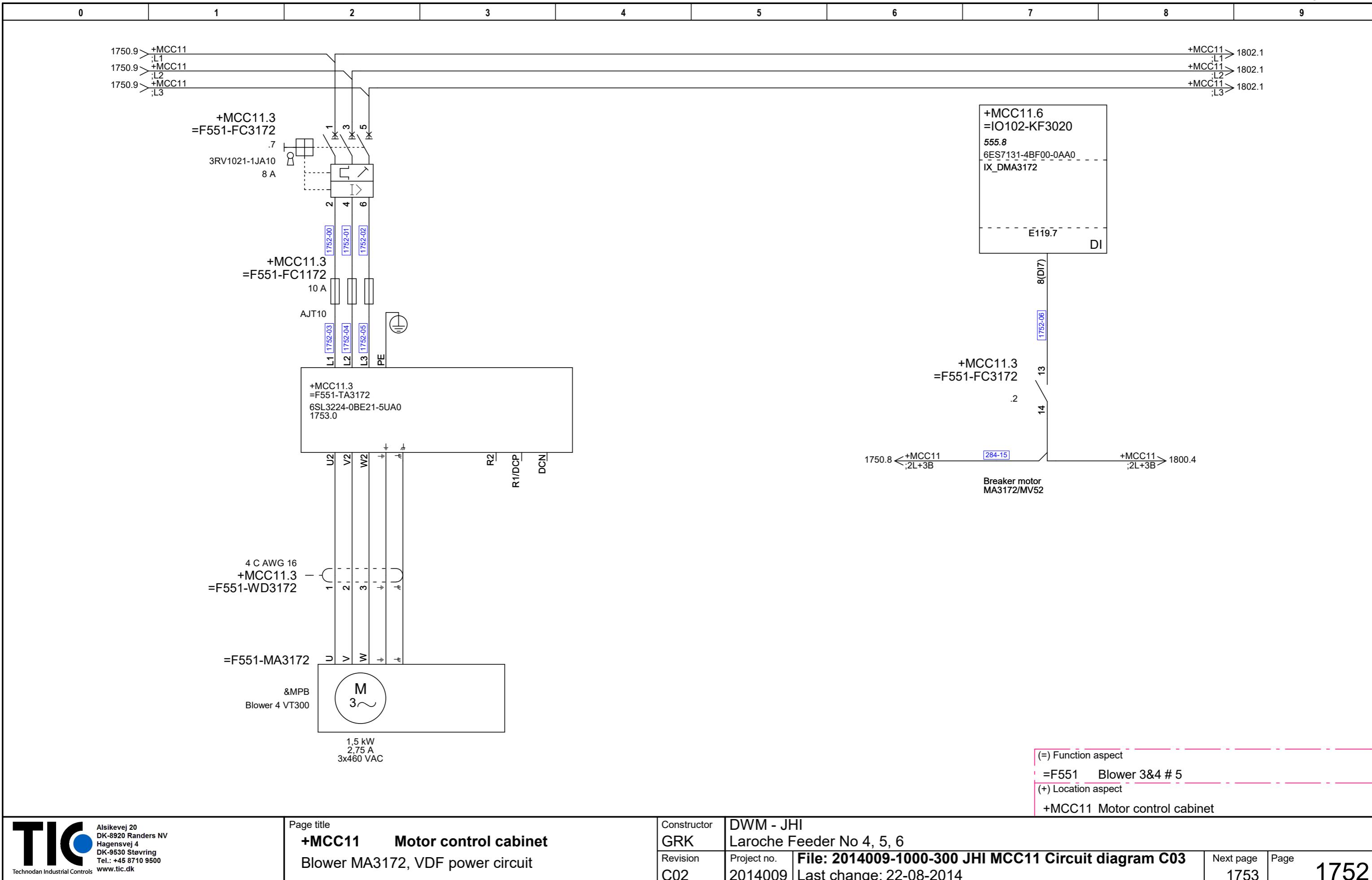
Technodan Industrial Controls

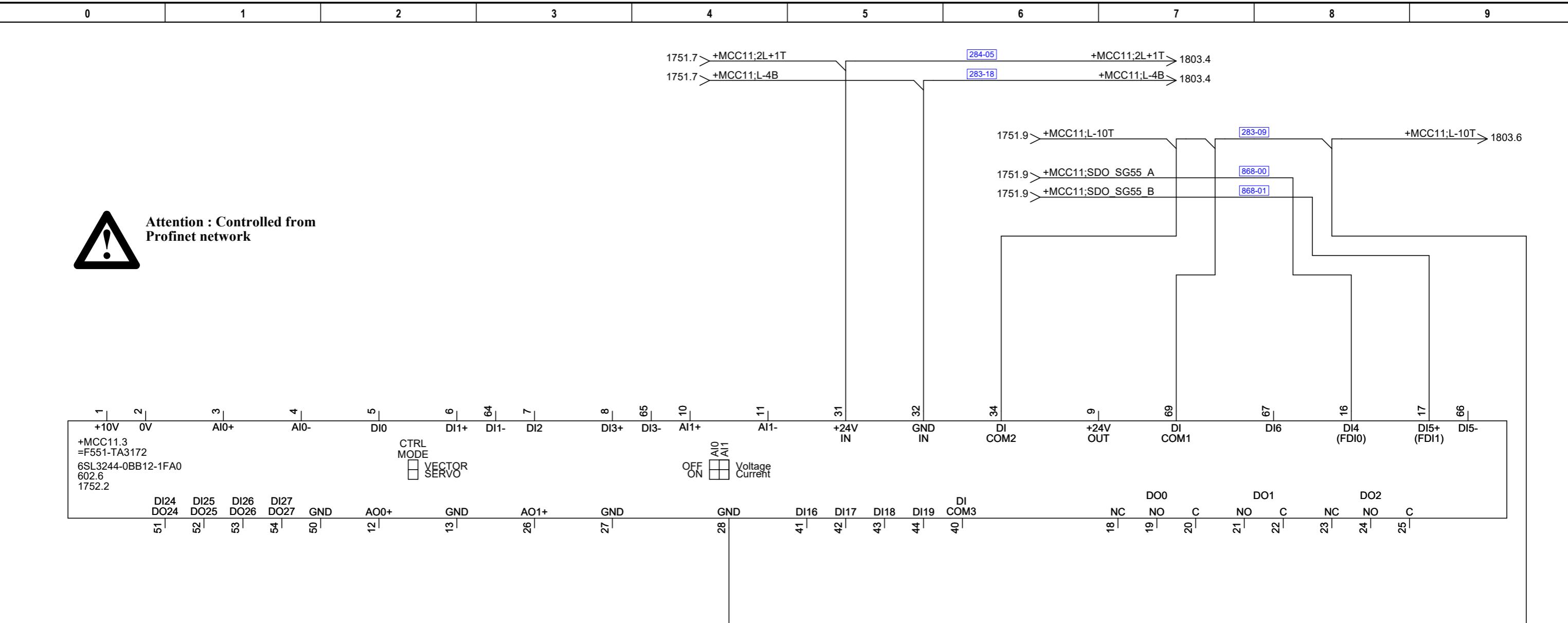
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DK-9530 Støvring
Tel.: +45 8710 9500
www.tic.dk





(=) Function aspect
 =F551 Blower 3&4 # 5
 (+) Location aspect
 +MCC11 Motor control cabinet





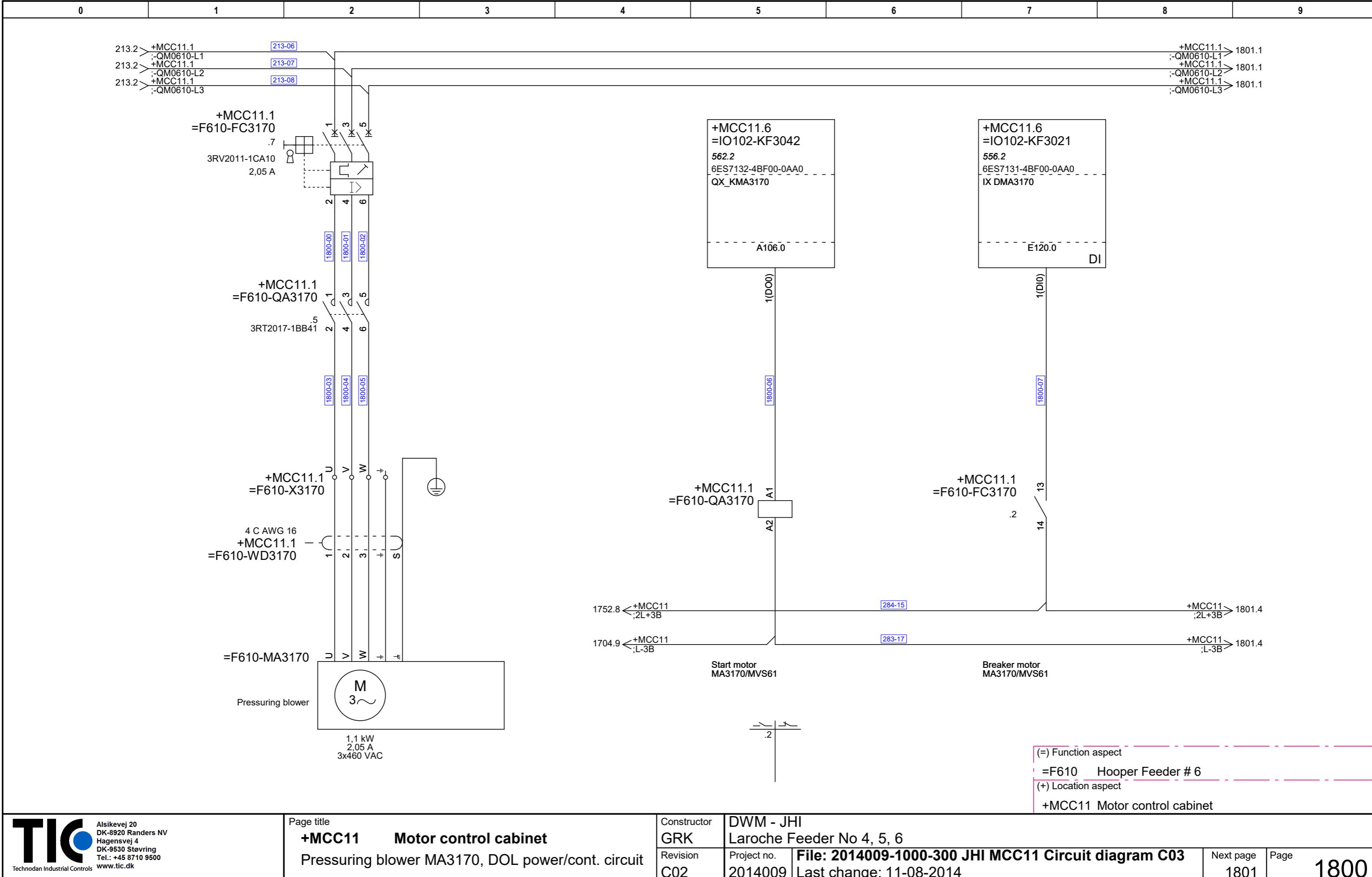
(=) Function aspect
=F551 Blower 3&4 # 5
 (+) Location aspect
+MCC11 Motor control cabinet

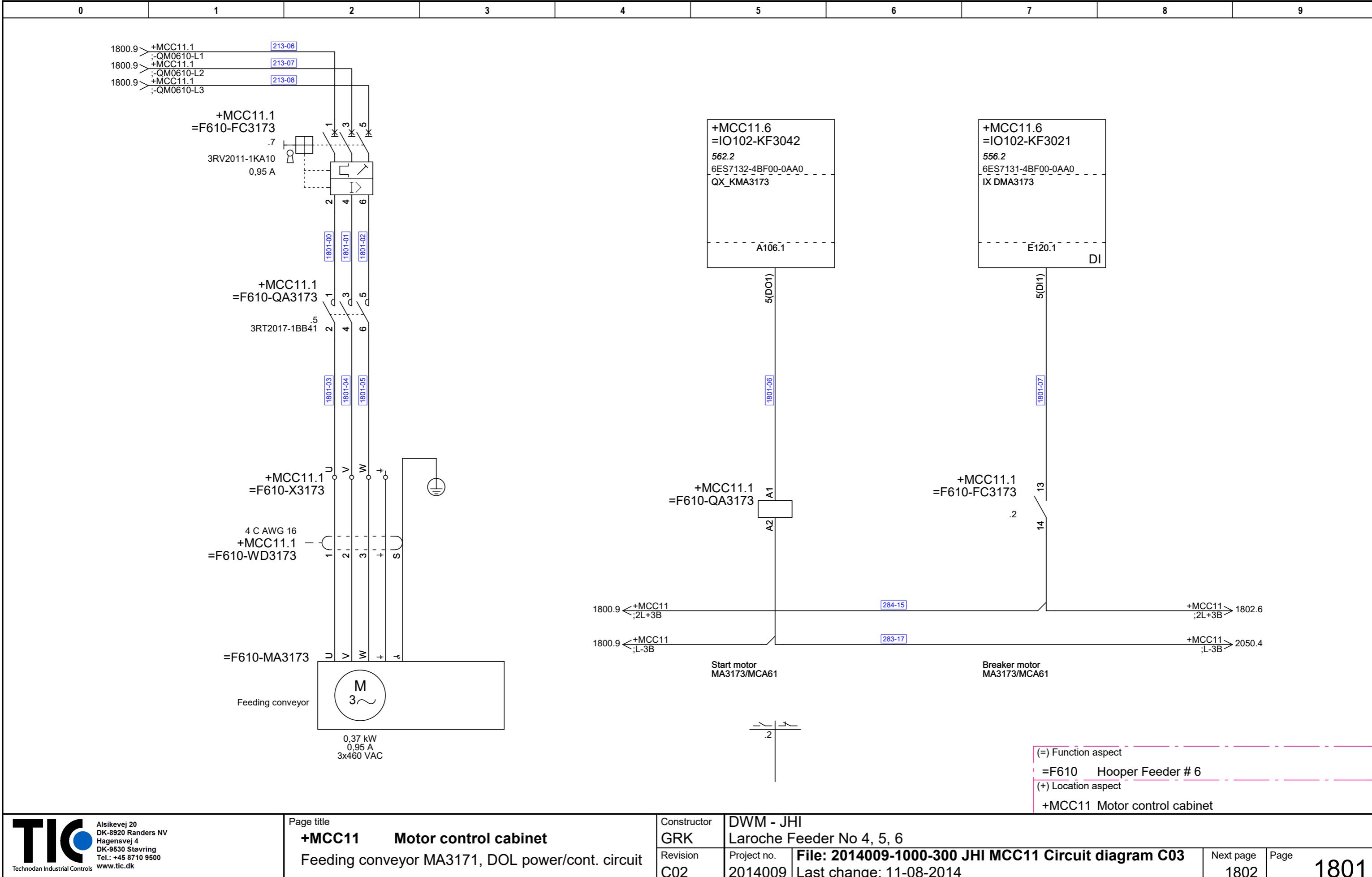
Hooper Feeder # 6

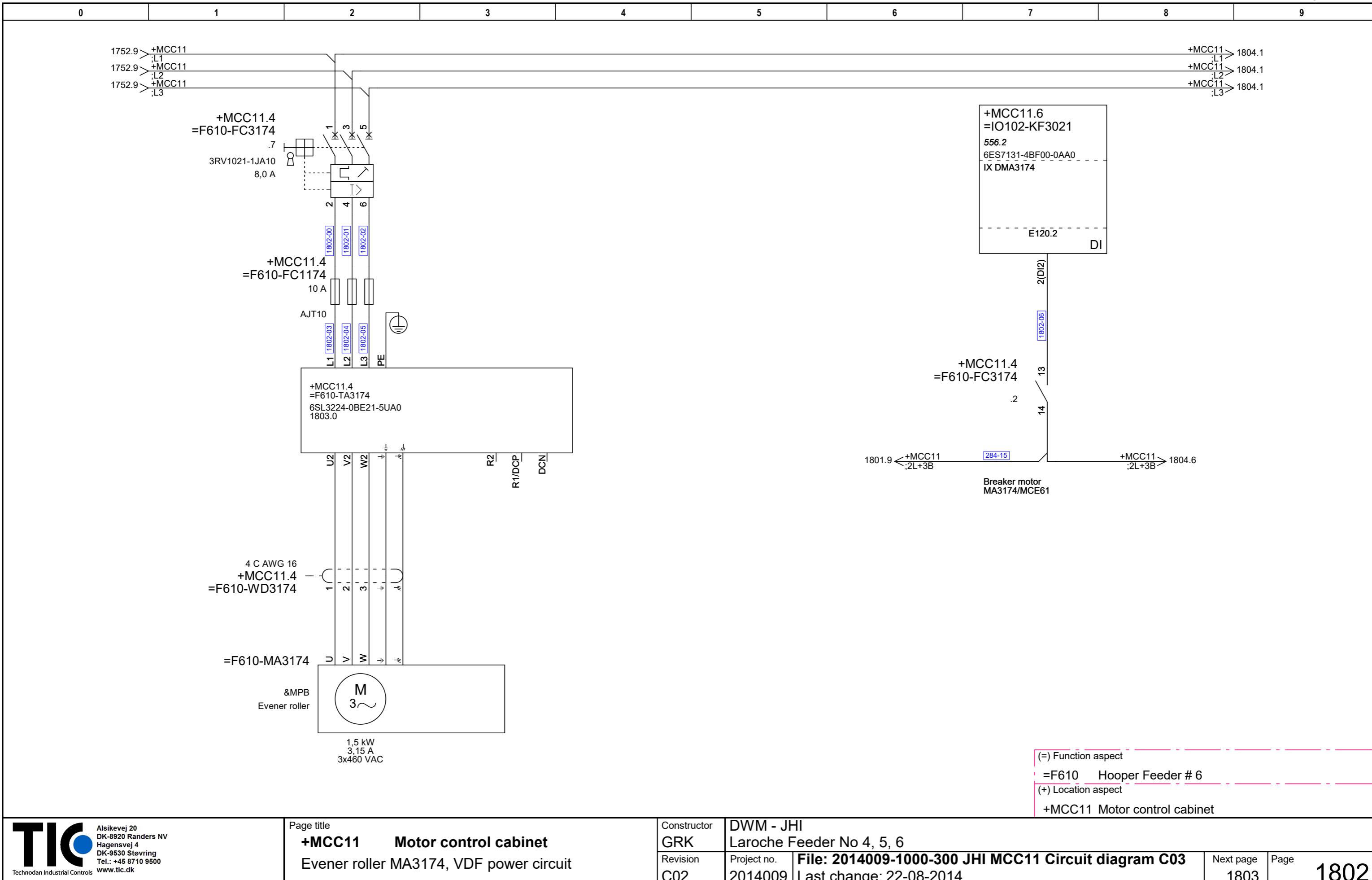


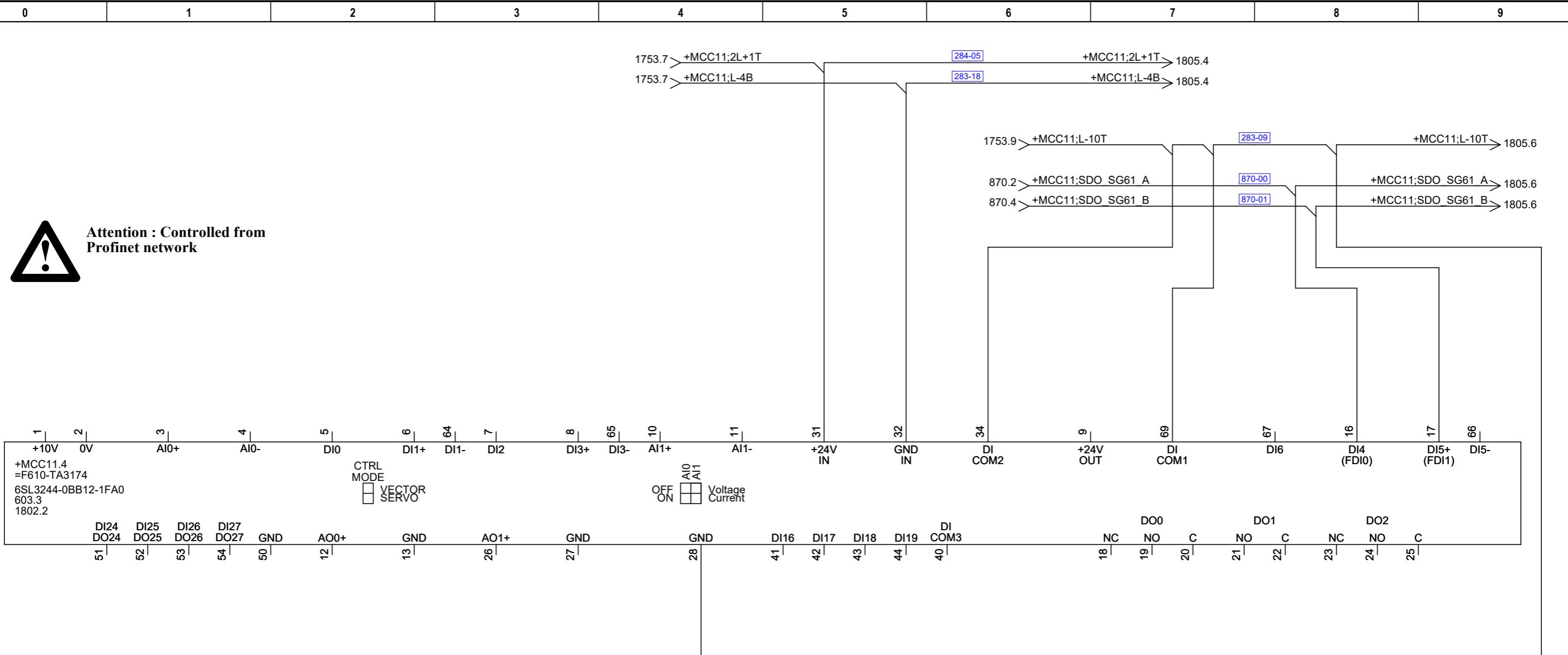
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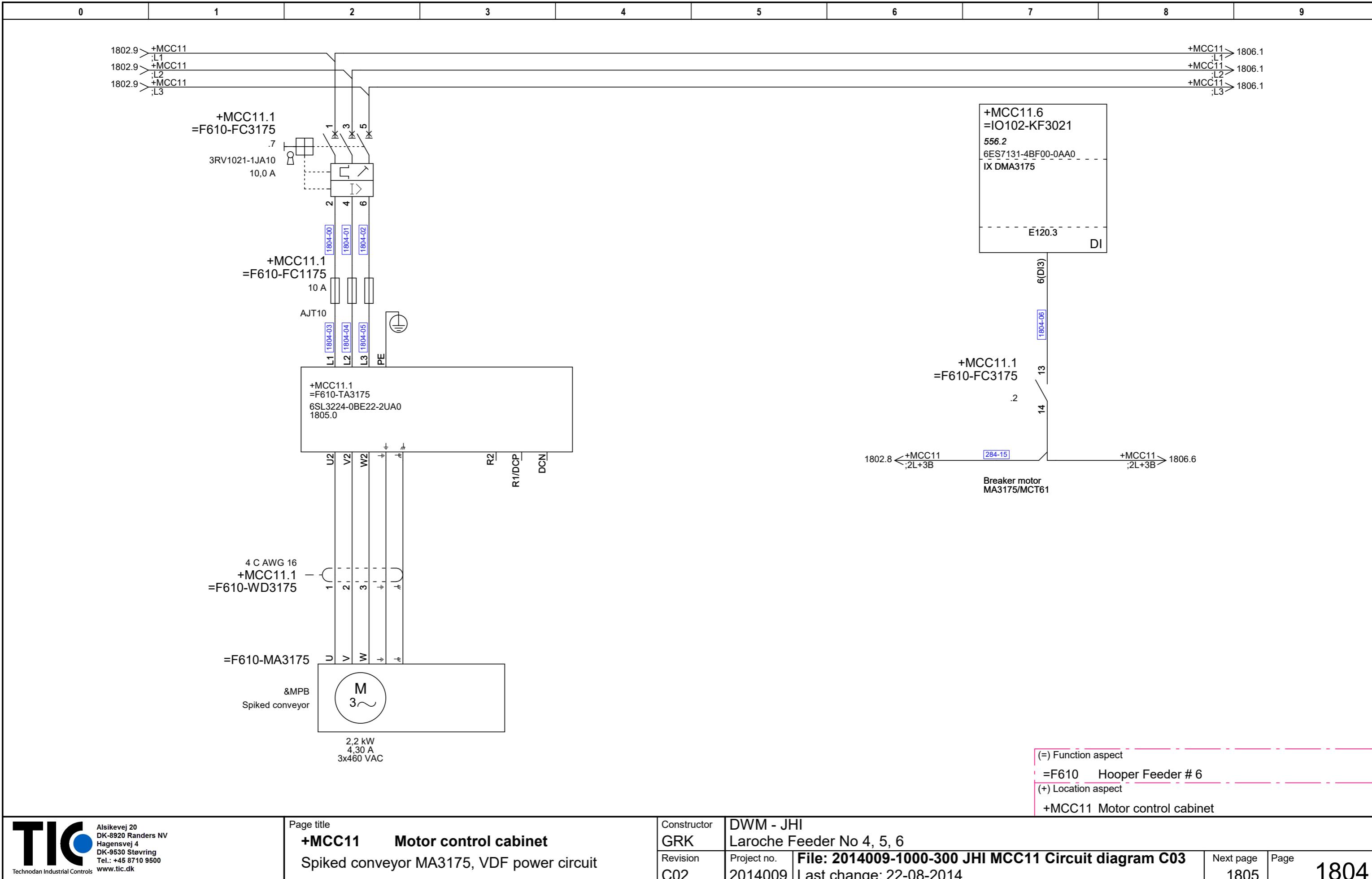


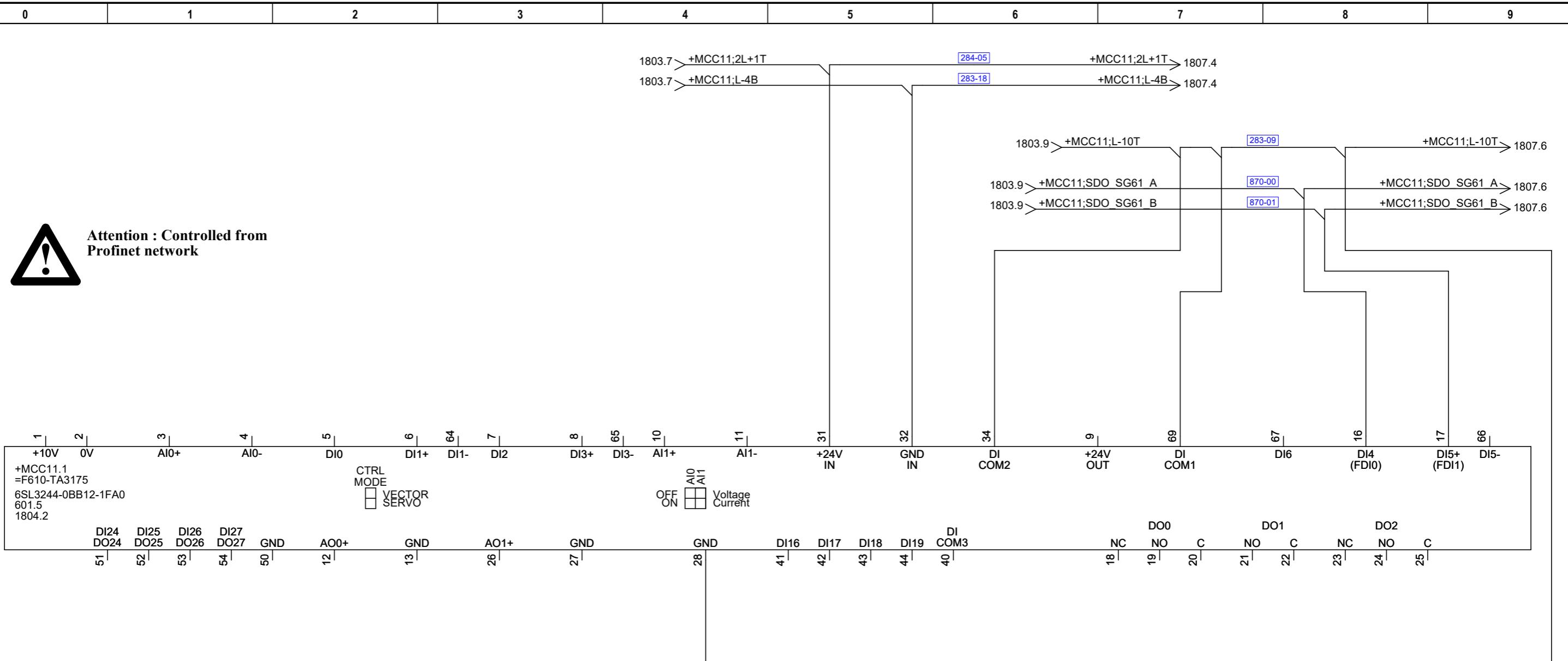




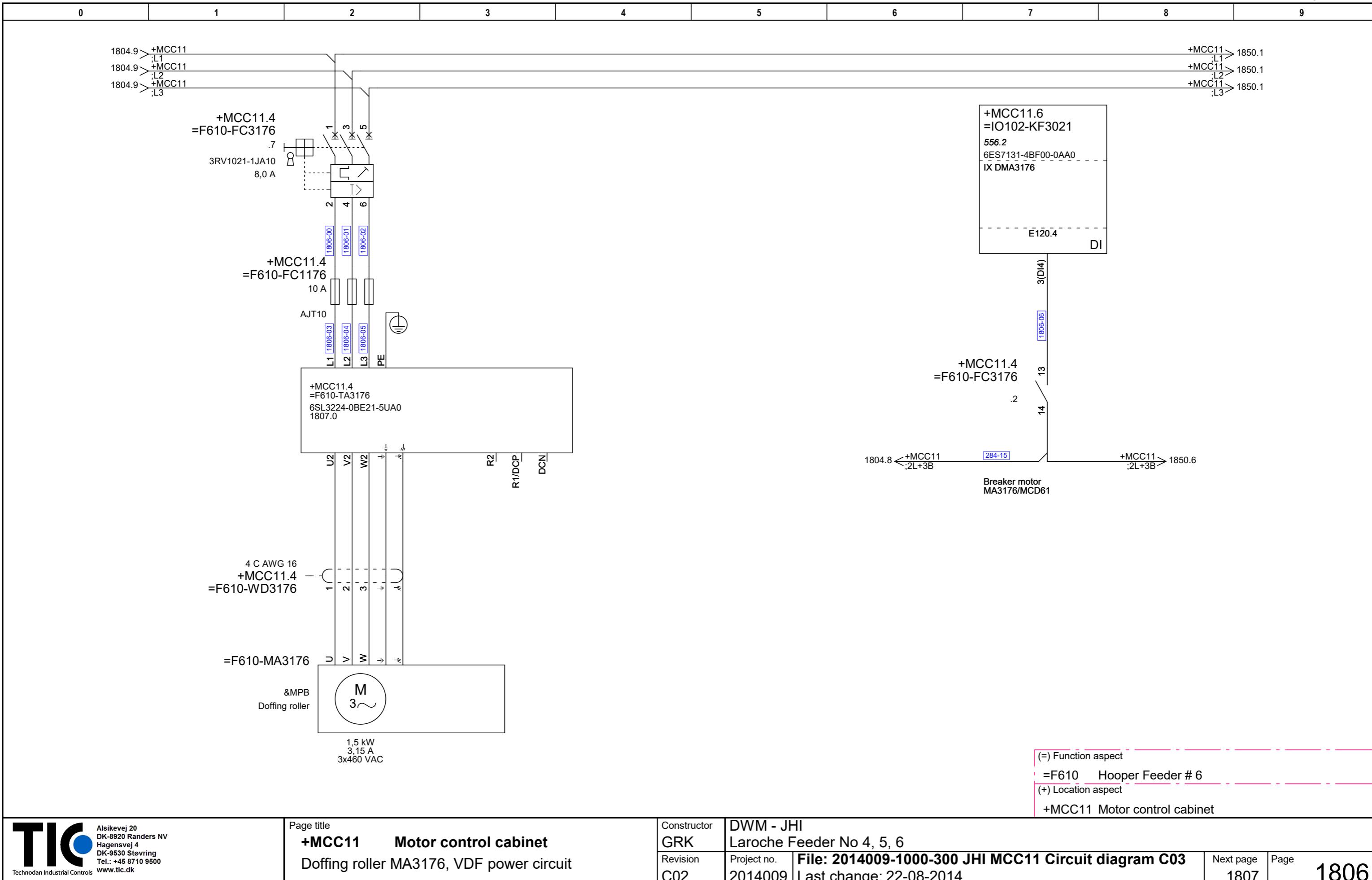


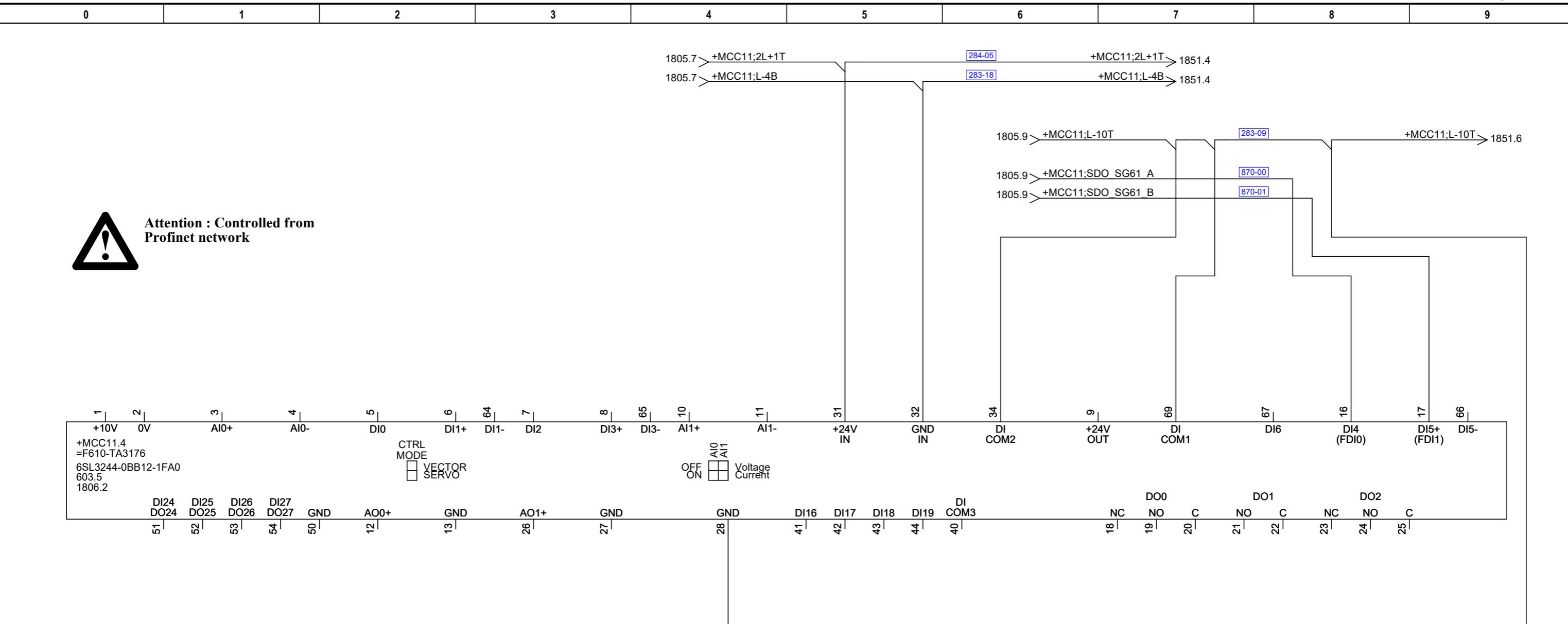
- (=) Function aspect
 - =F610 Hooper Feeder # 6
- (+) Location aspect
 - +MCC11 Motor control cabinet



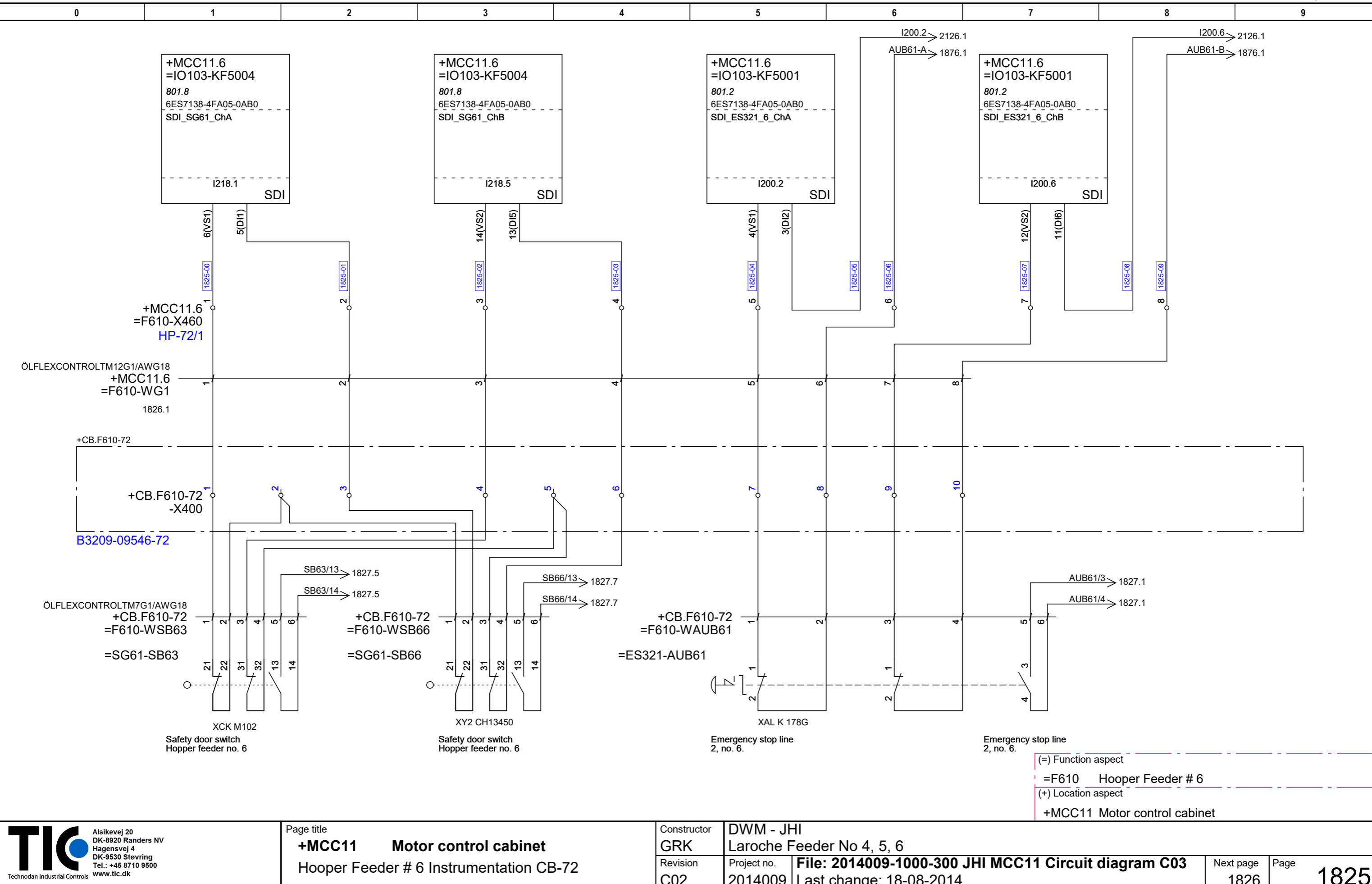


- (=) Function aspect
 - =F610 Hooper Feeder # 6
- (+) Location aspect
 - +MCC11 Motor control cabinet

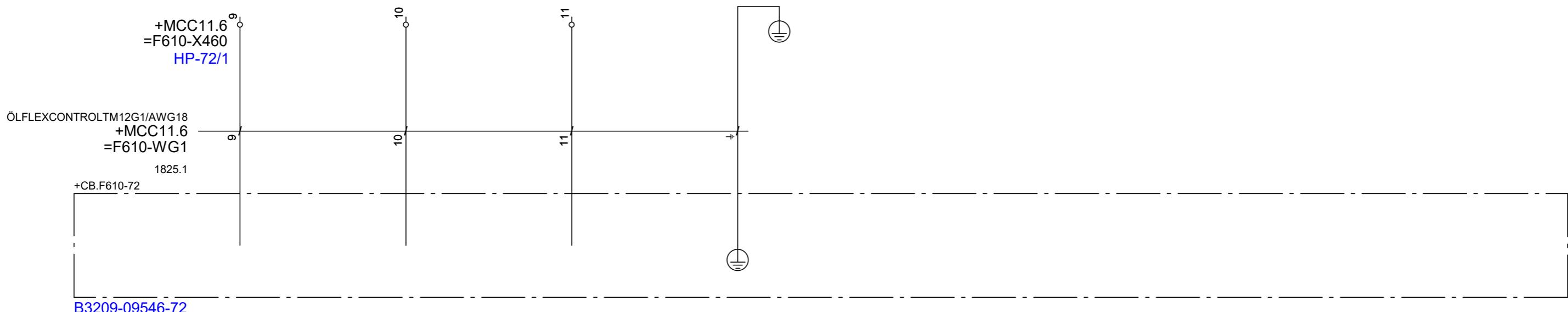




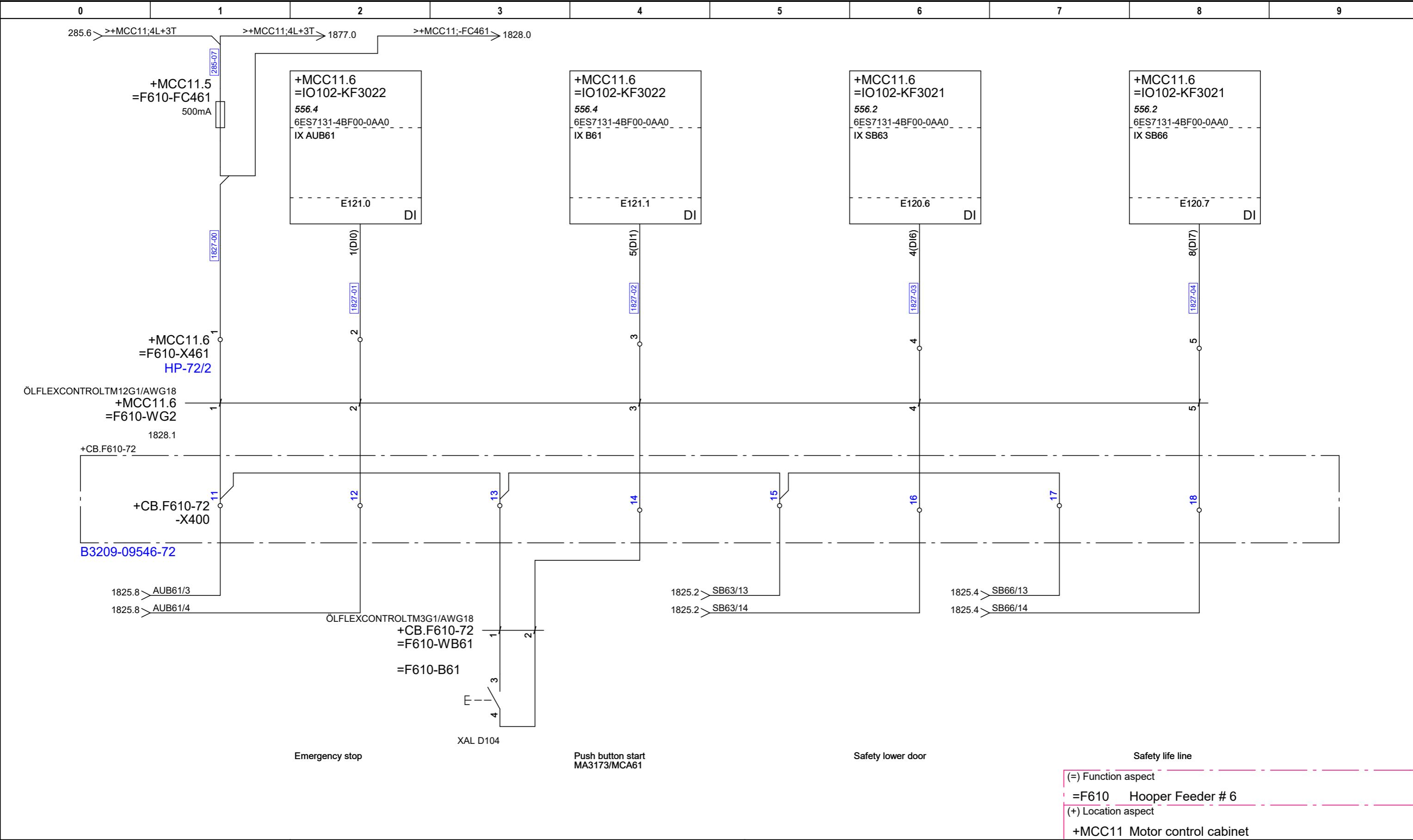
(=) Function aspect
 =F610 Hooper Feeder # 6
 (+) Location aspect
 +MCC11 Motor control cabinet

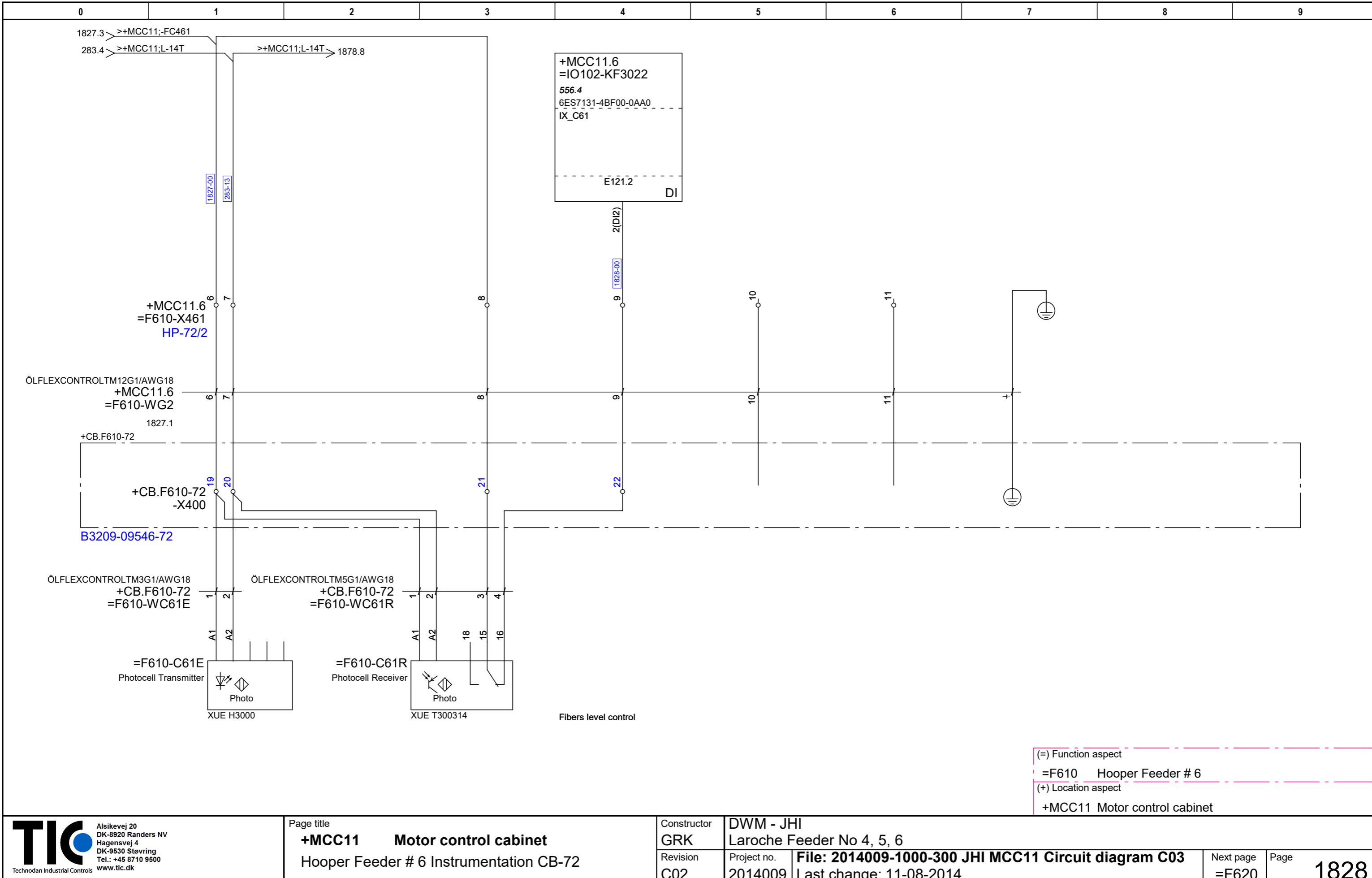


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(=) Function aspect
 =F610 Hooper Feeder # 6
 (+) Location aspect
 +MCC11 Motor control cabinet



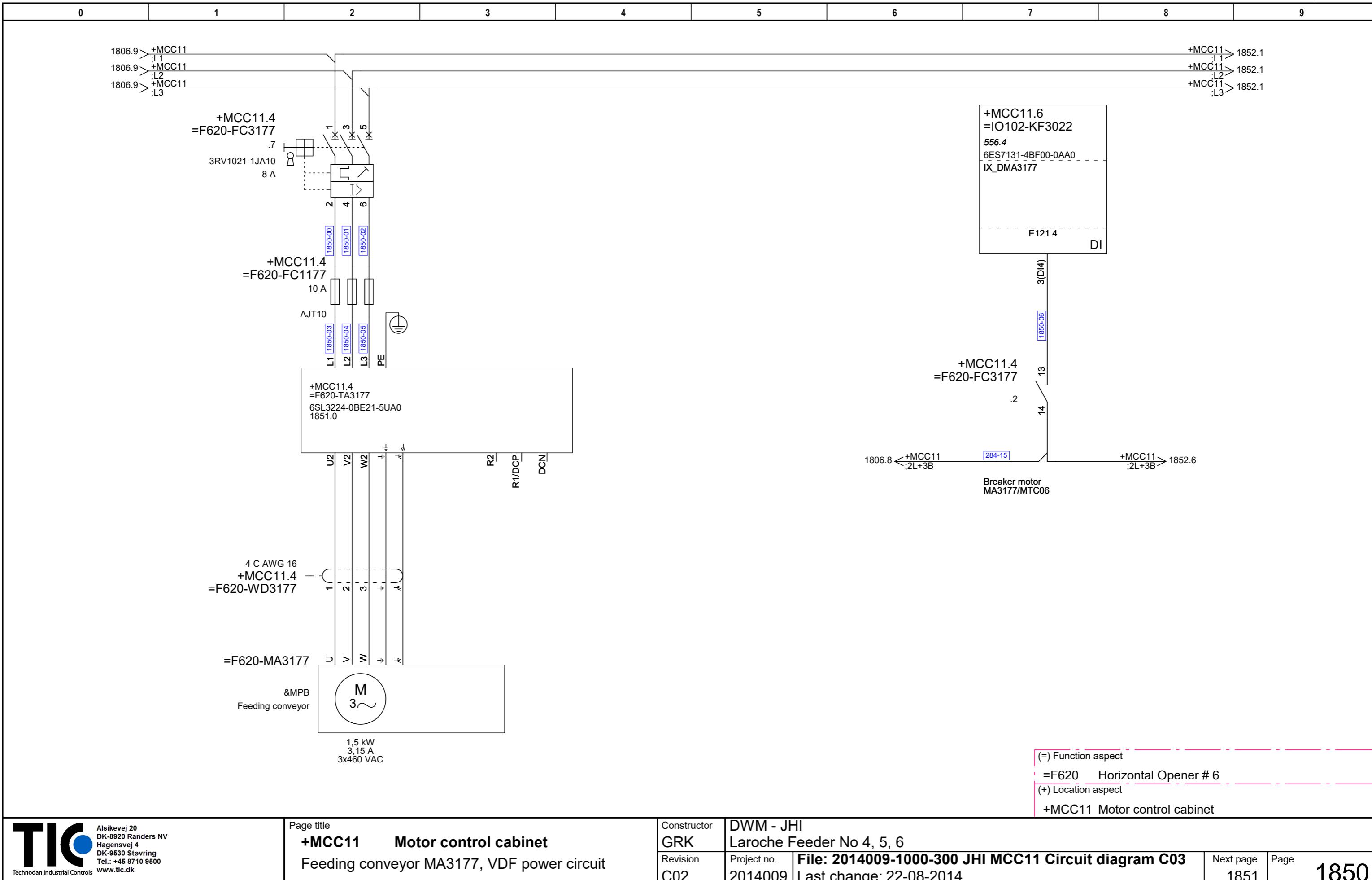


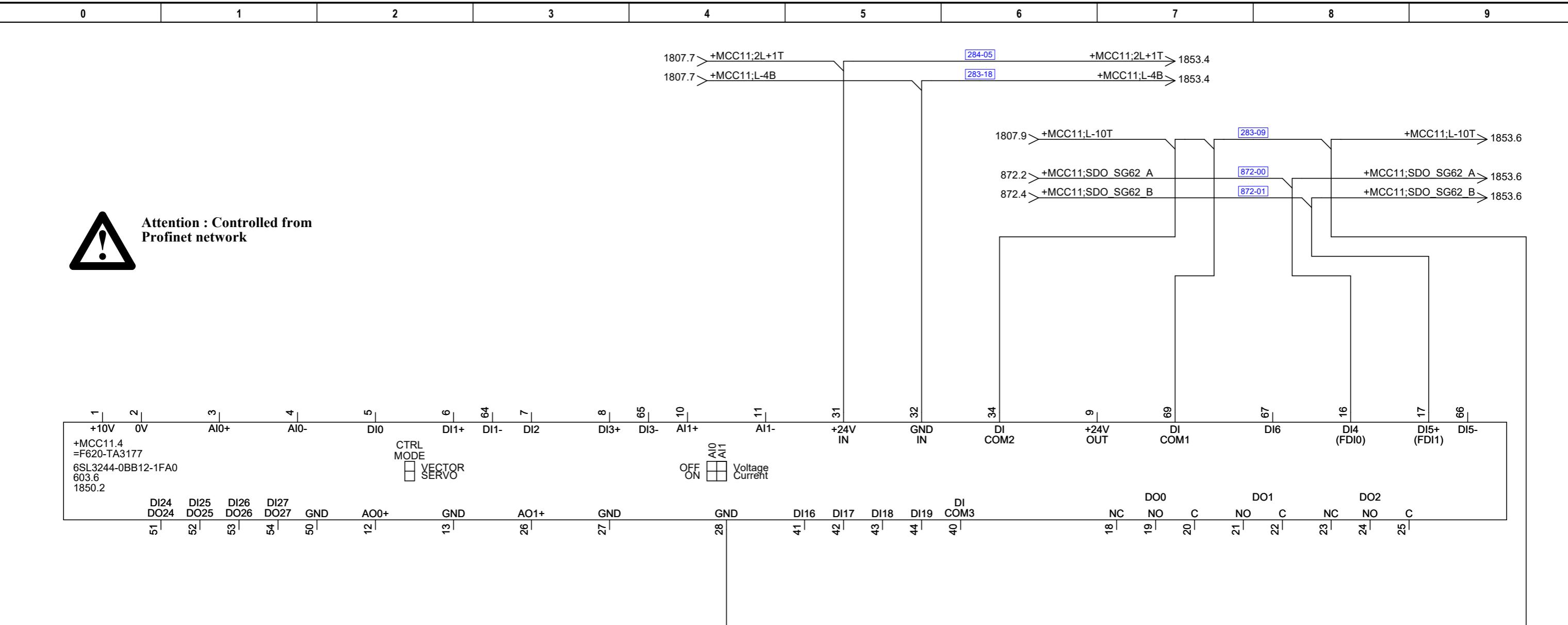
Horizontal Opener # 6



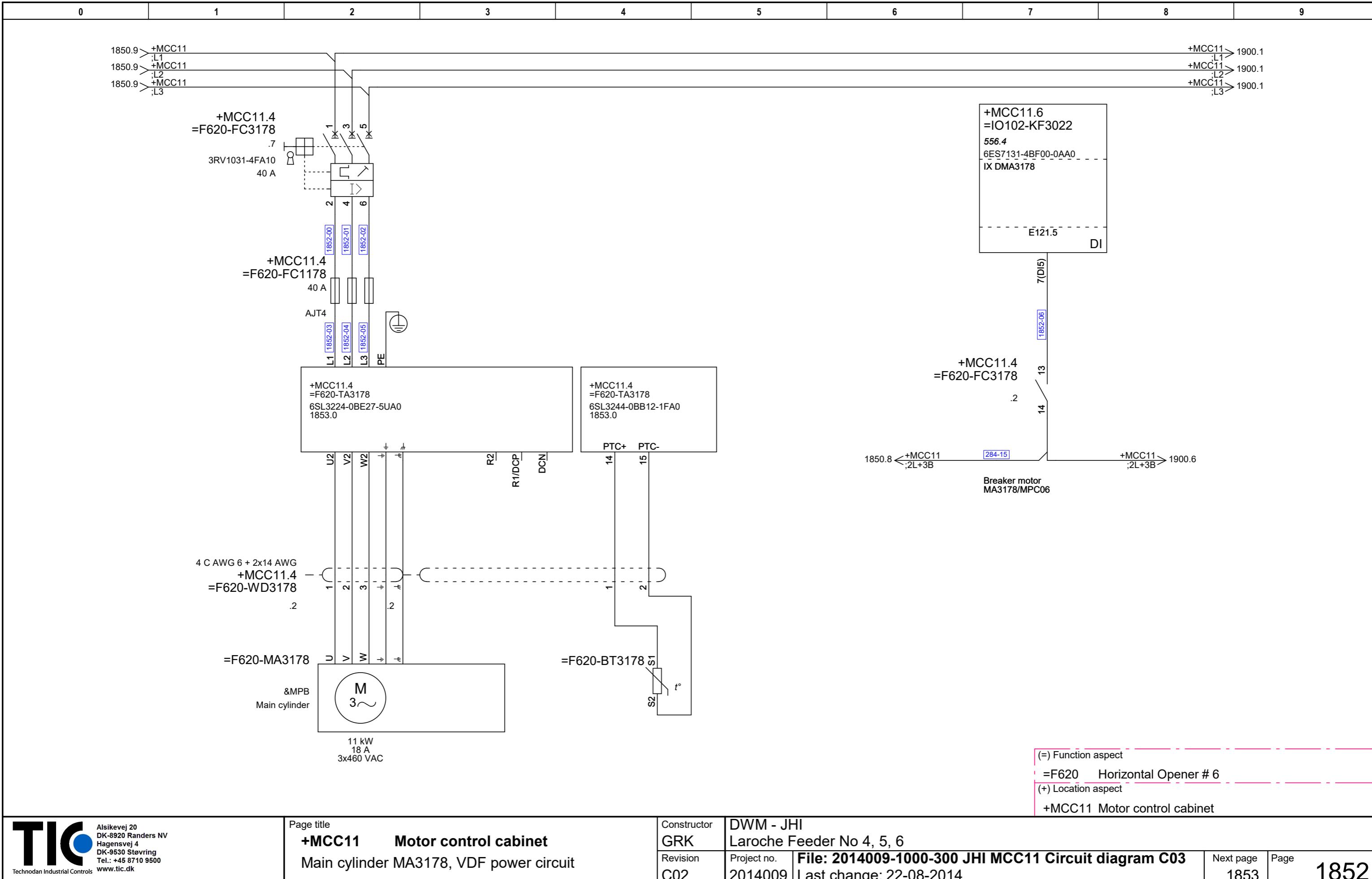
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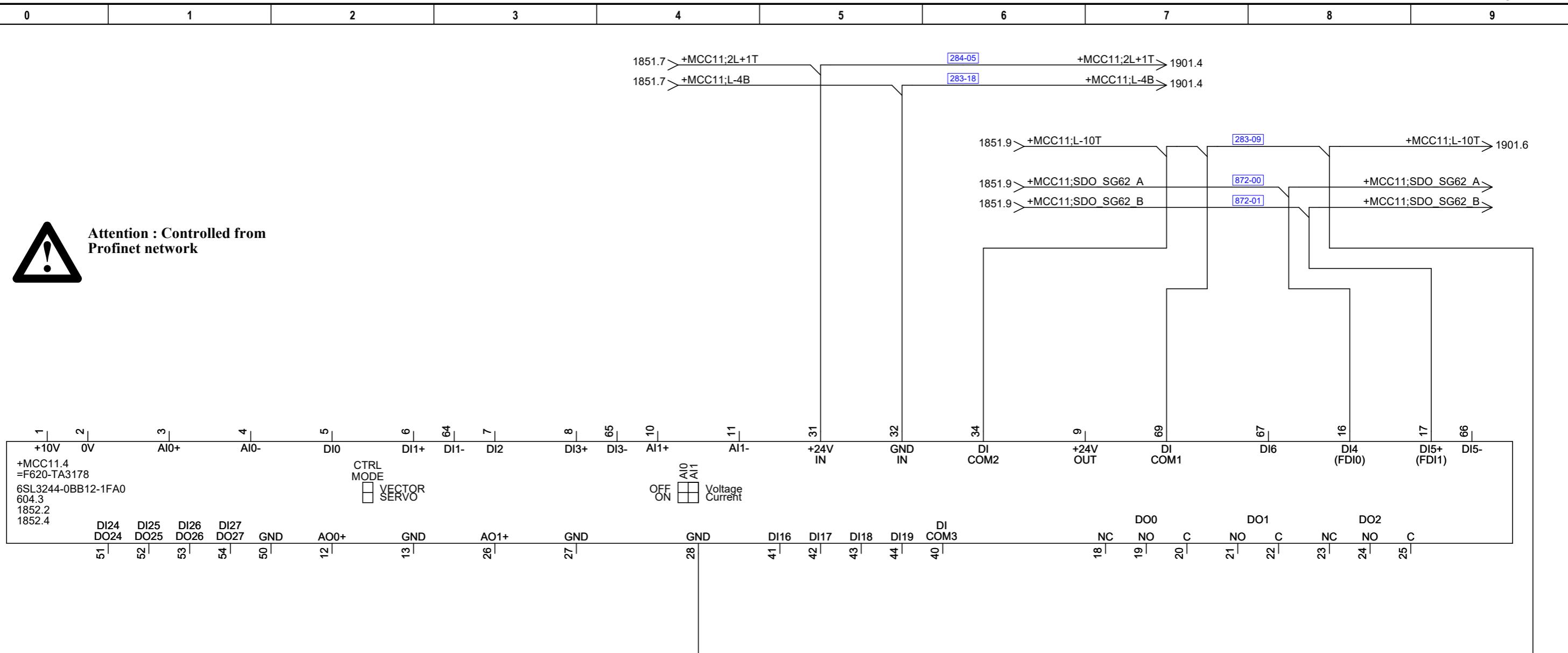
Alsikevej 20
DK-8920 Randers NV
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DK-9530 Støvring
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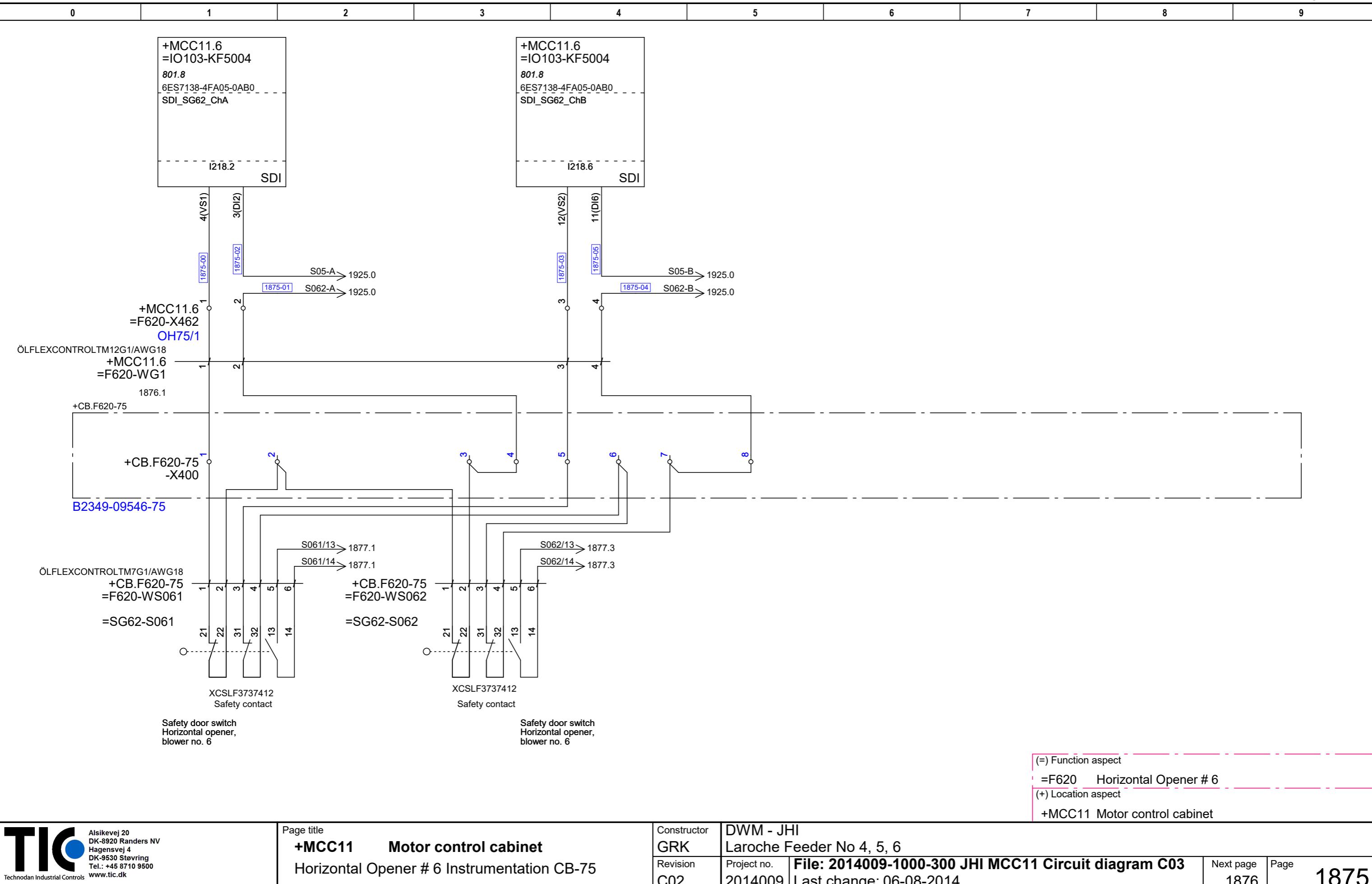


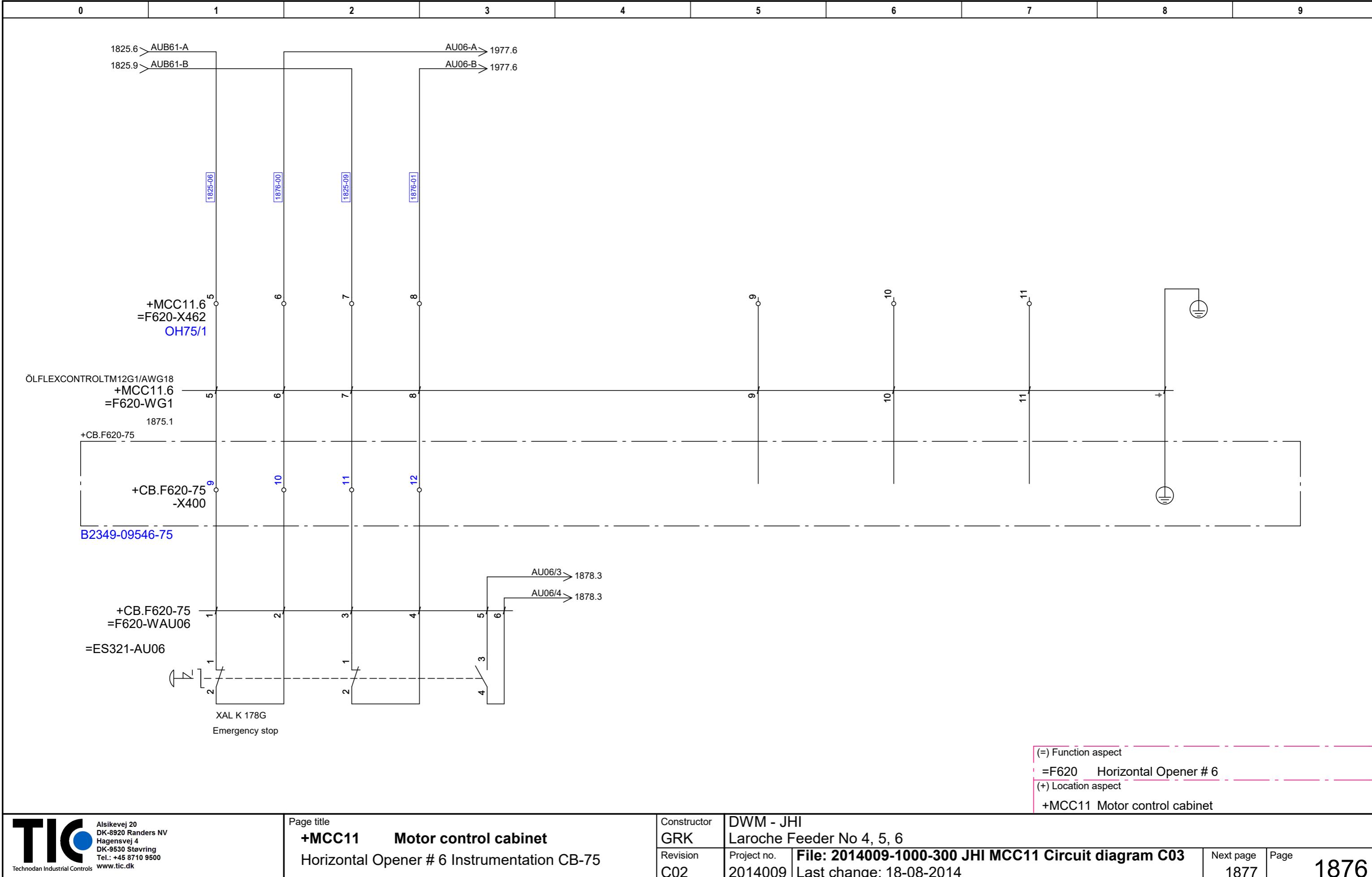
(=) Function aspect
 =F620 Horizontal Opener # 6
 (+) Location aspect
 +MCC11 Motor control cabinet

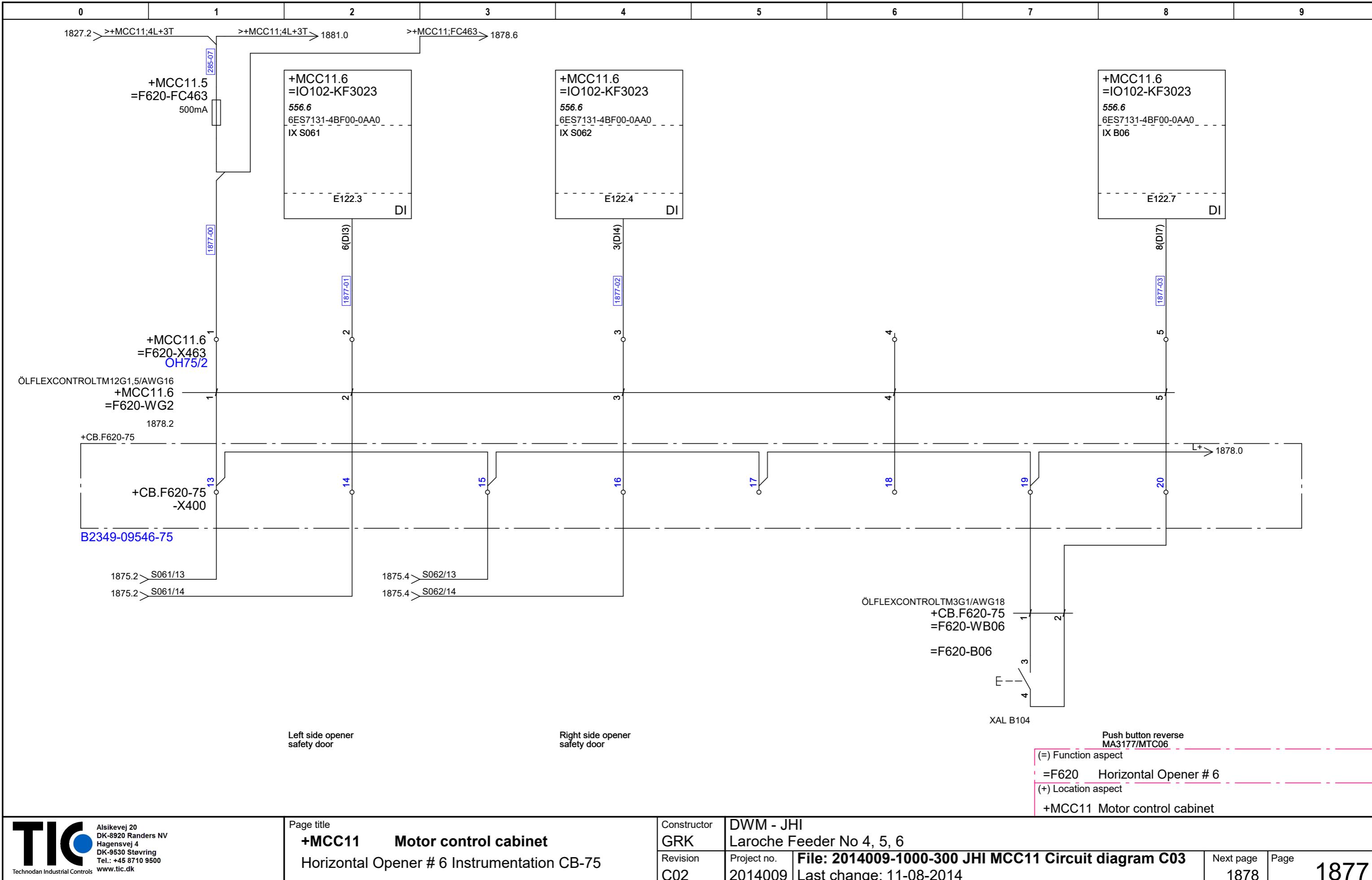


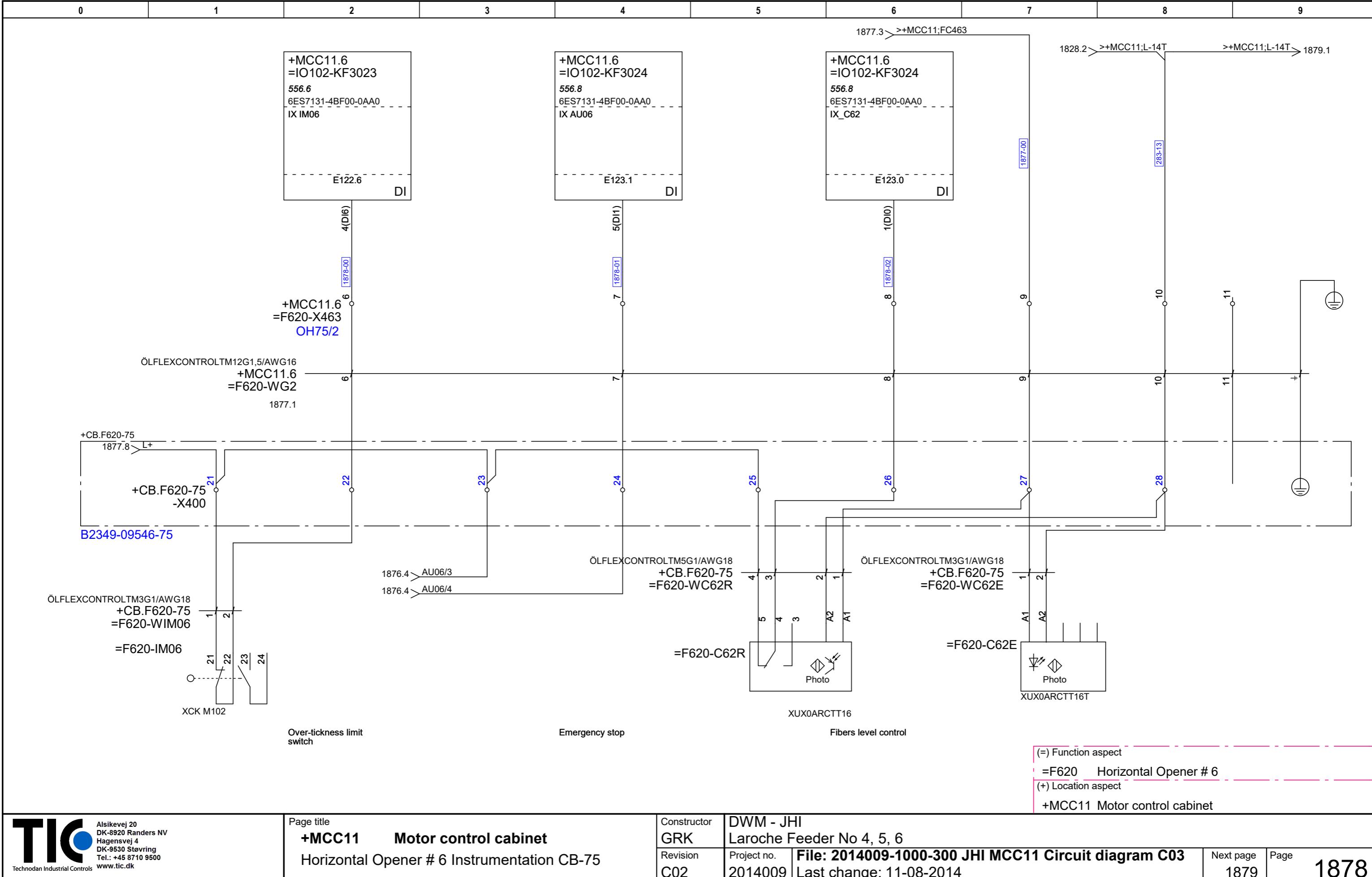


- (=) Function aspect
- =F620 Horizontal Opener # 6
- (+) Location aspect
- +MCC11 Motor control cabinet

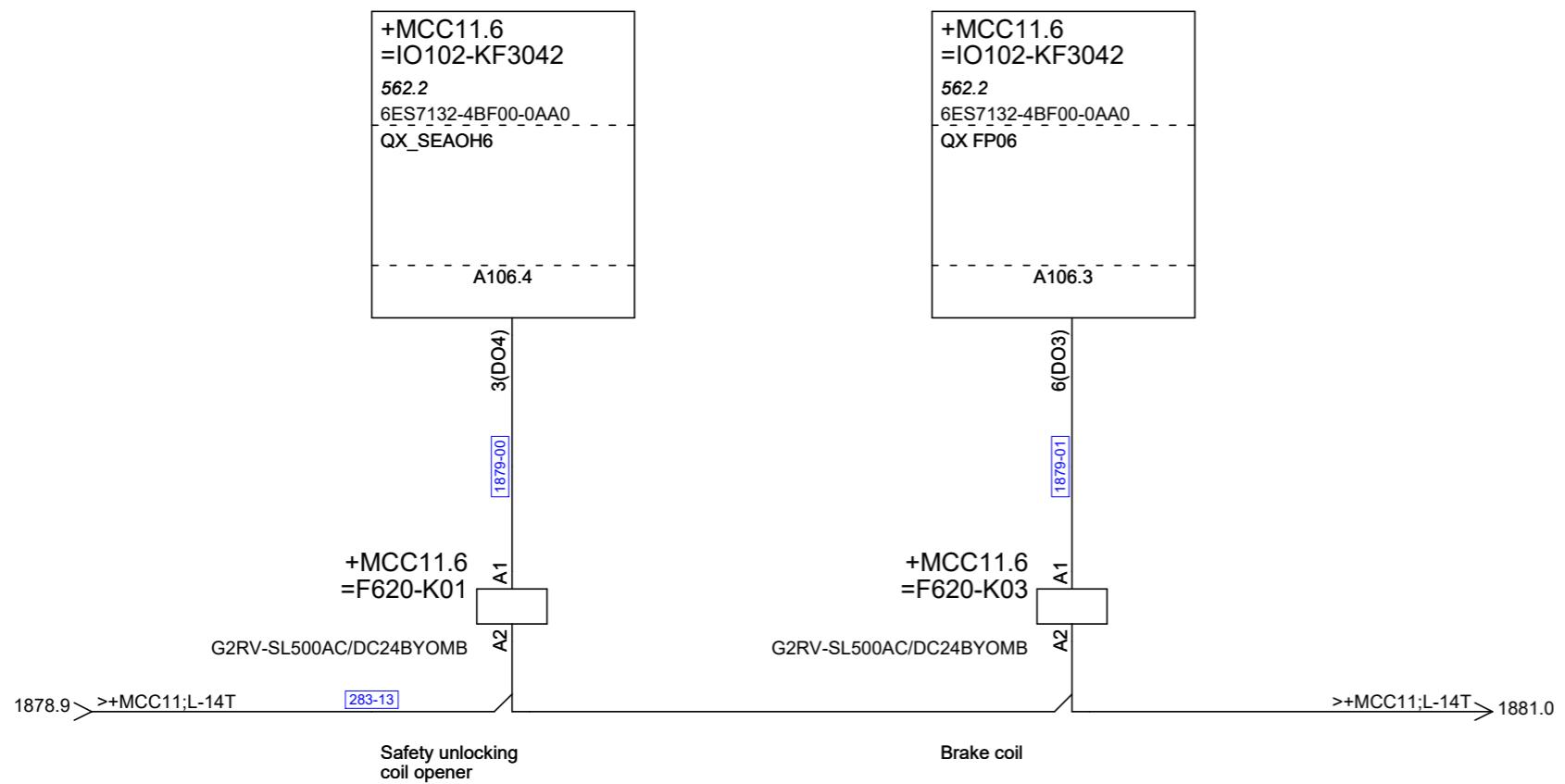








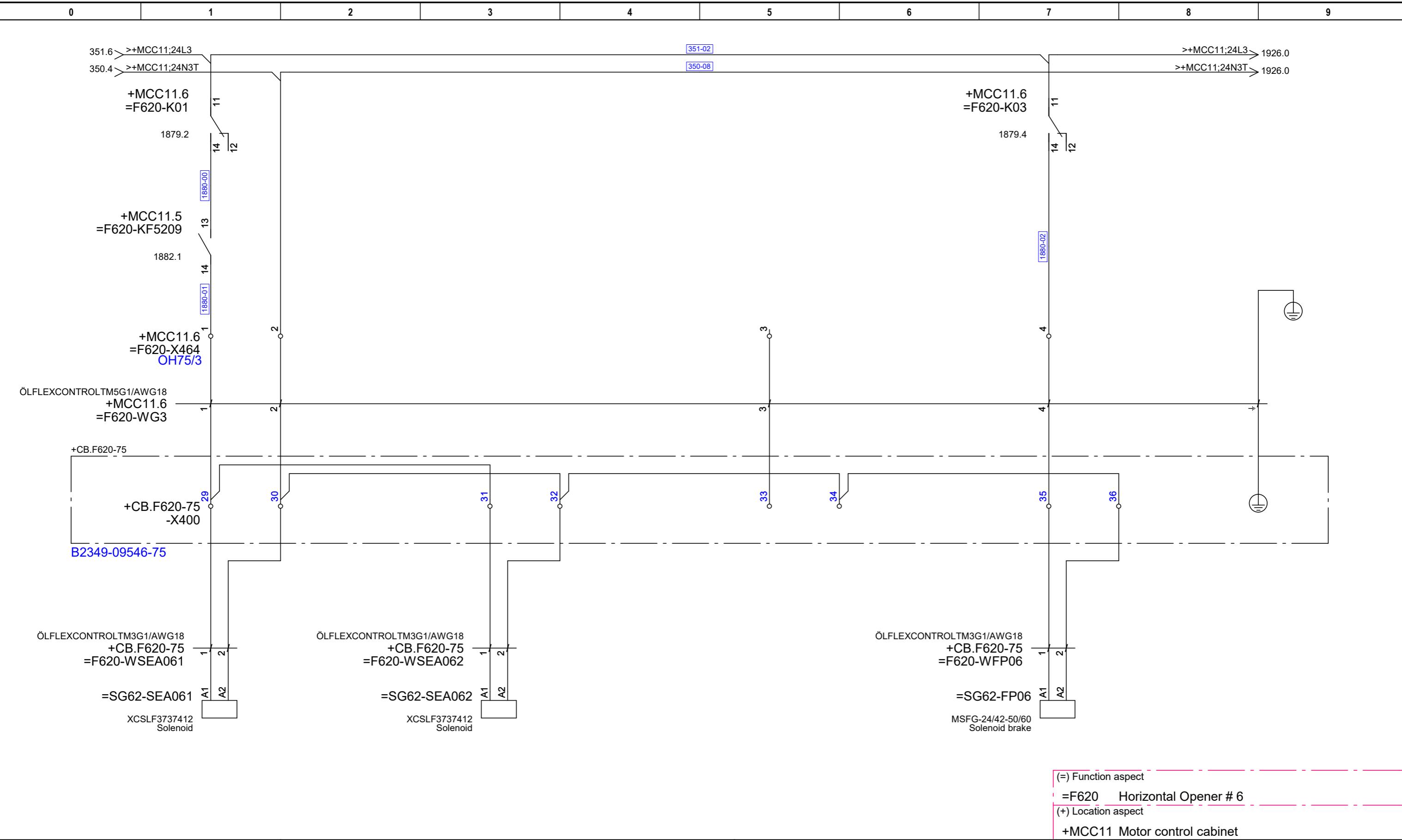
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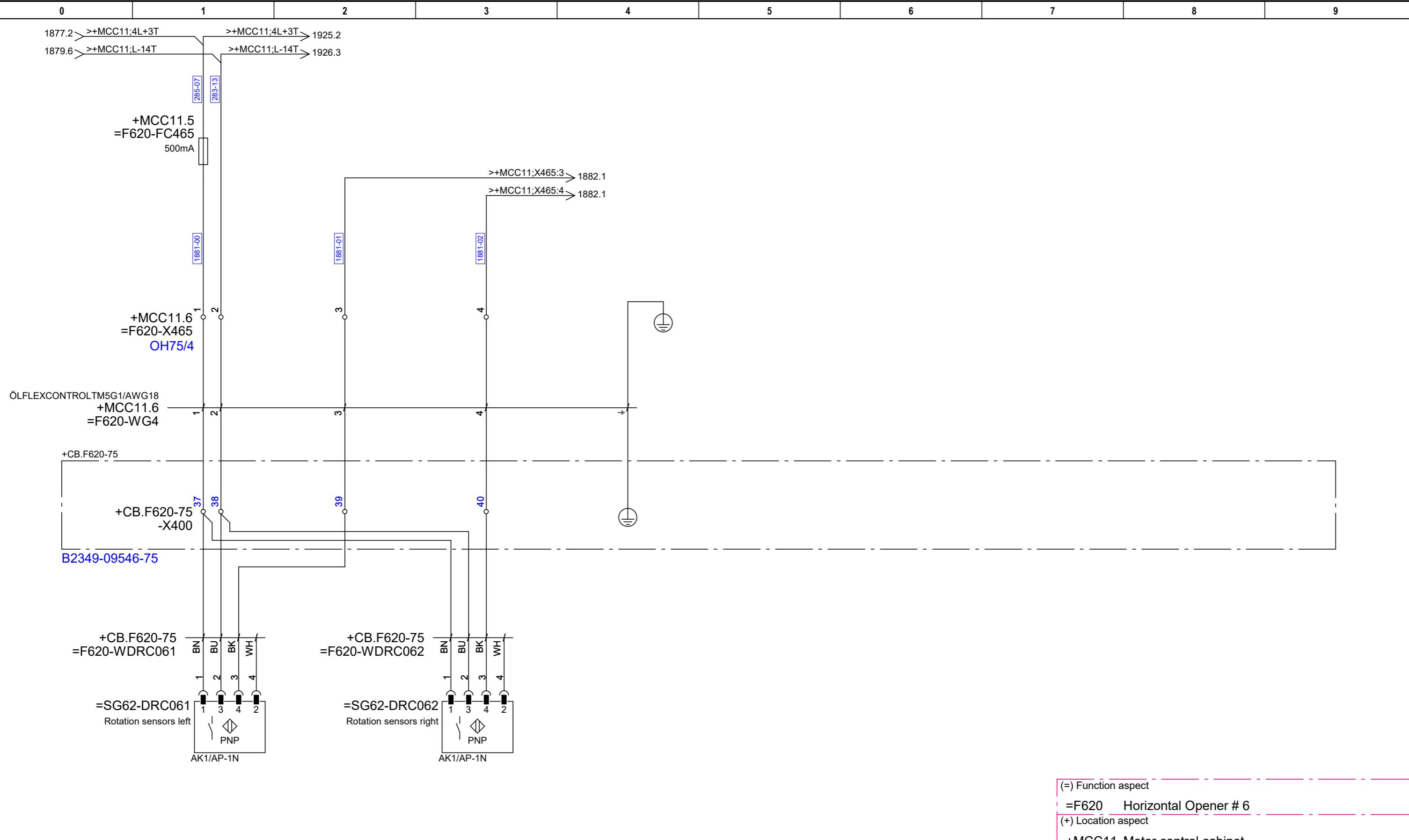
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1880.7=1880.7

(=) Function aspect
 =F620 Horizontal Opener # 6
 (+) Location aspect
 +MCC11 Motor control cabinet



- (=) Function aspect
- =F620 Horizontal Opener # 6
- (+) Location aspect
- +MCC11 Motor control cabinet

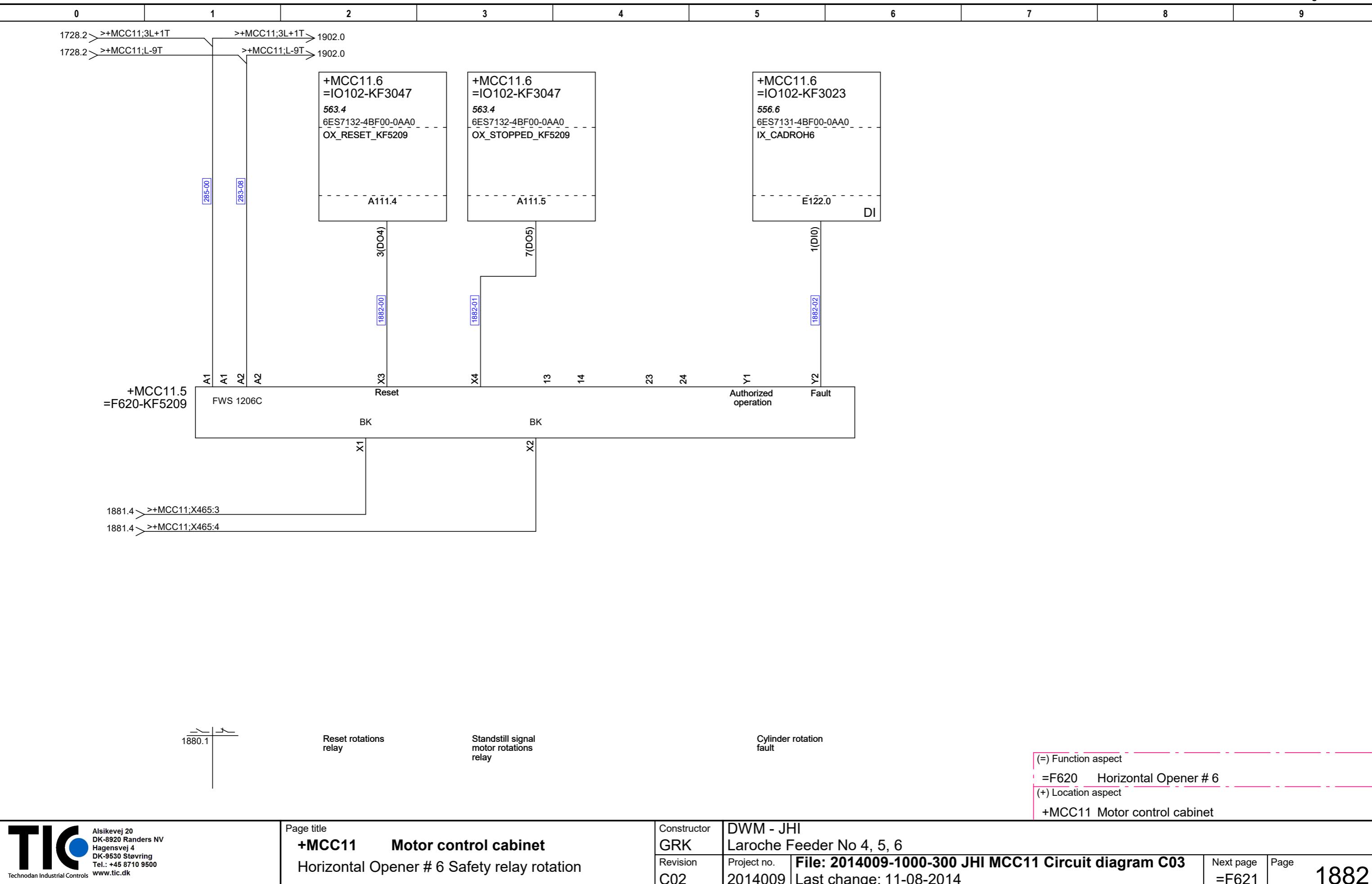


(=) Function aspect

=F620 Horizontal Opener # 6

(+) Location aspect

+MCC11 Motor control cabinet

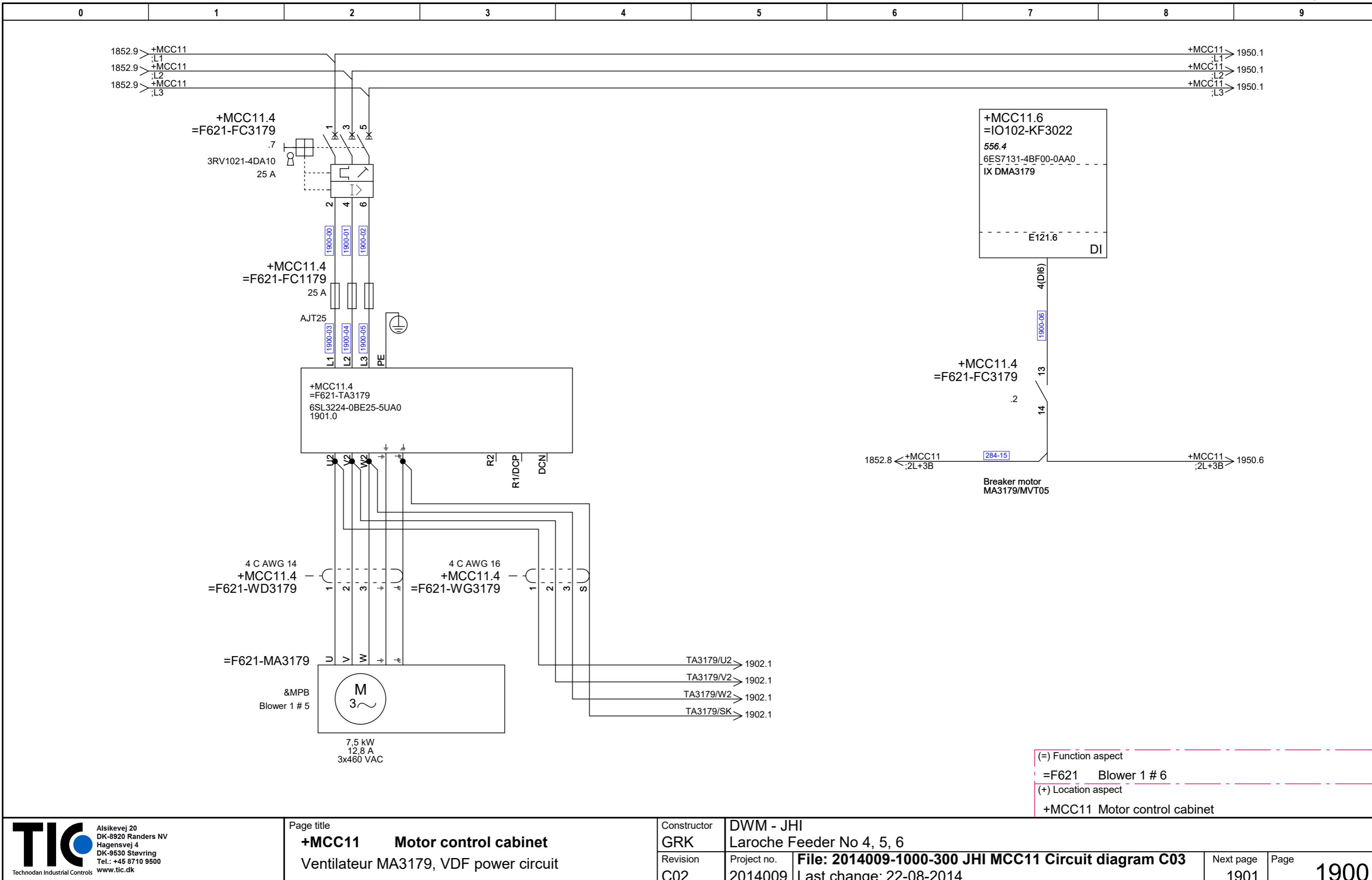


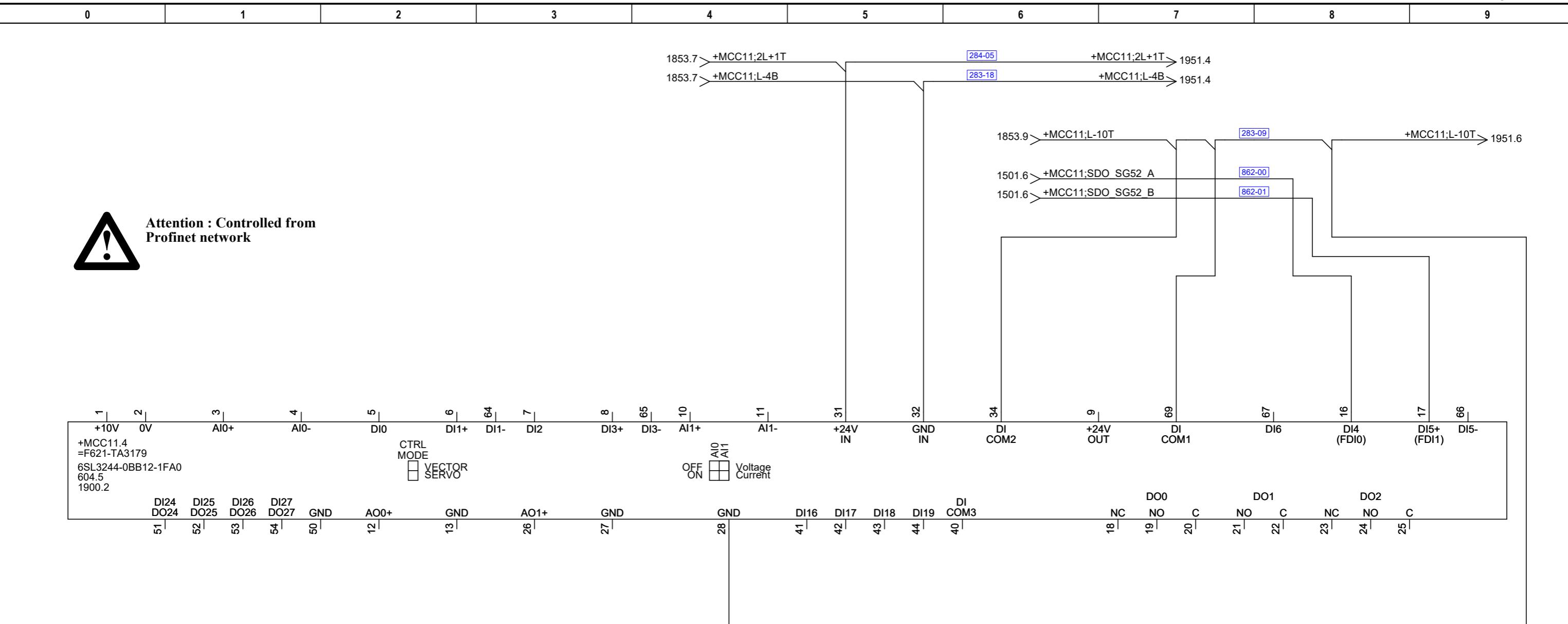
Blower 1 # 6

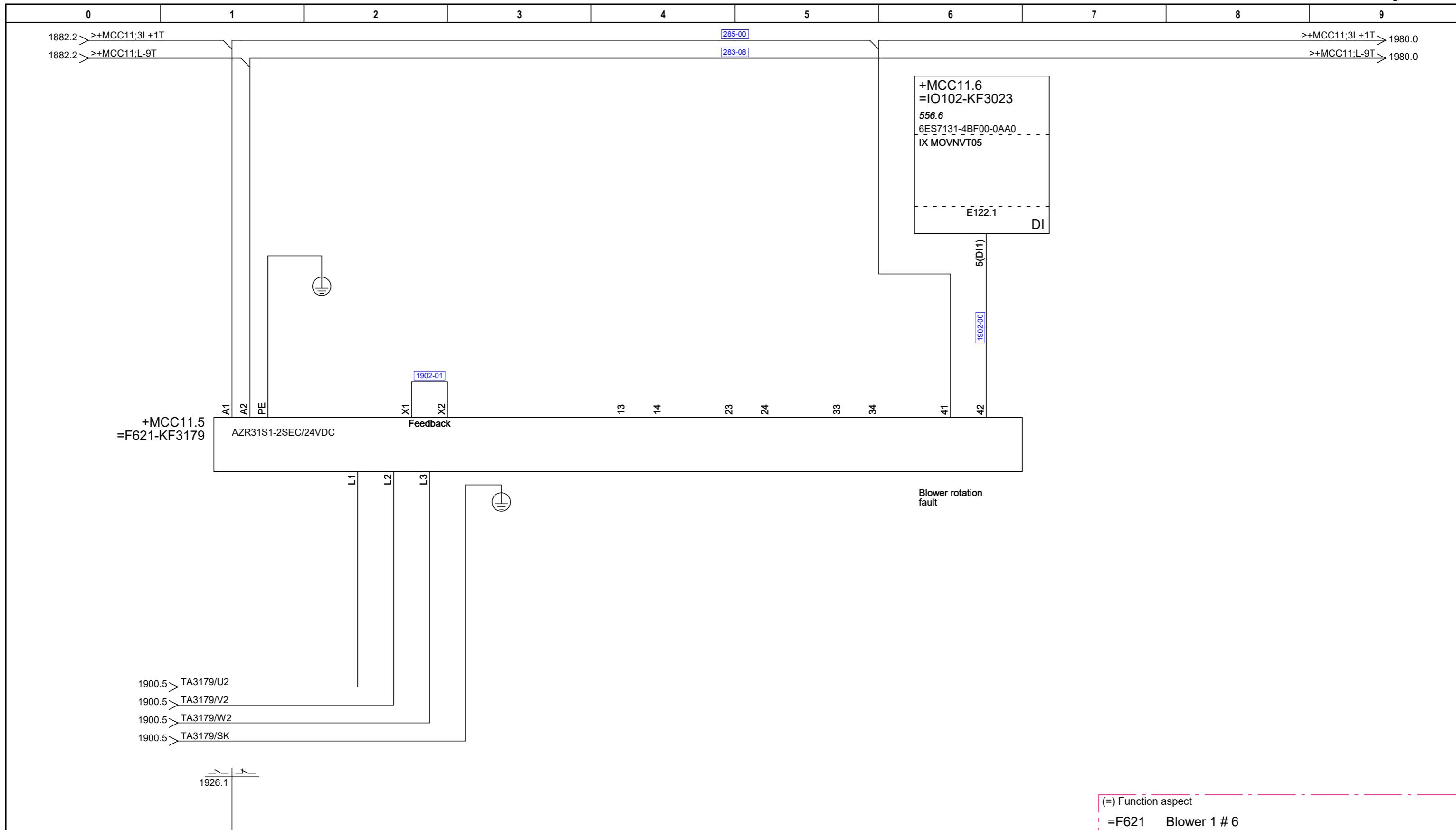


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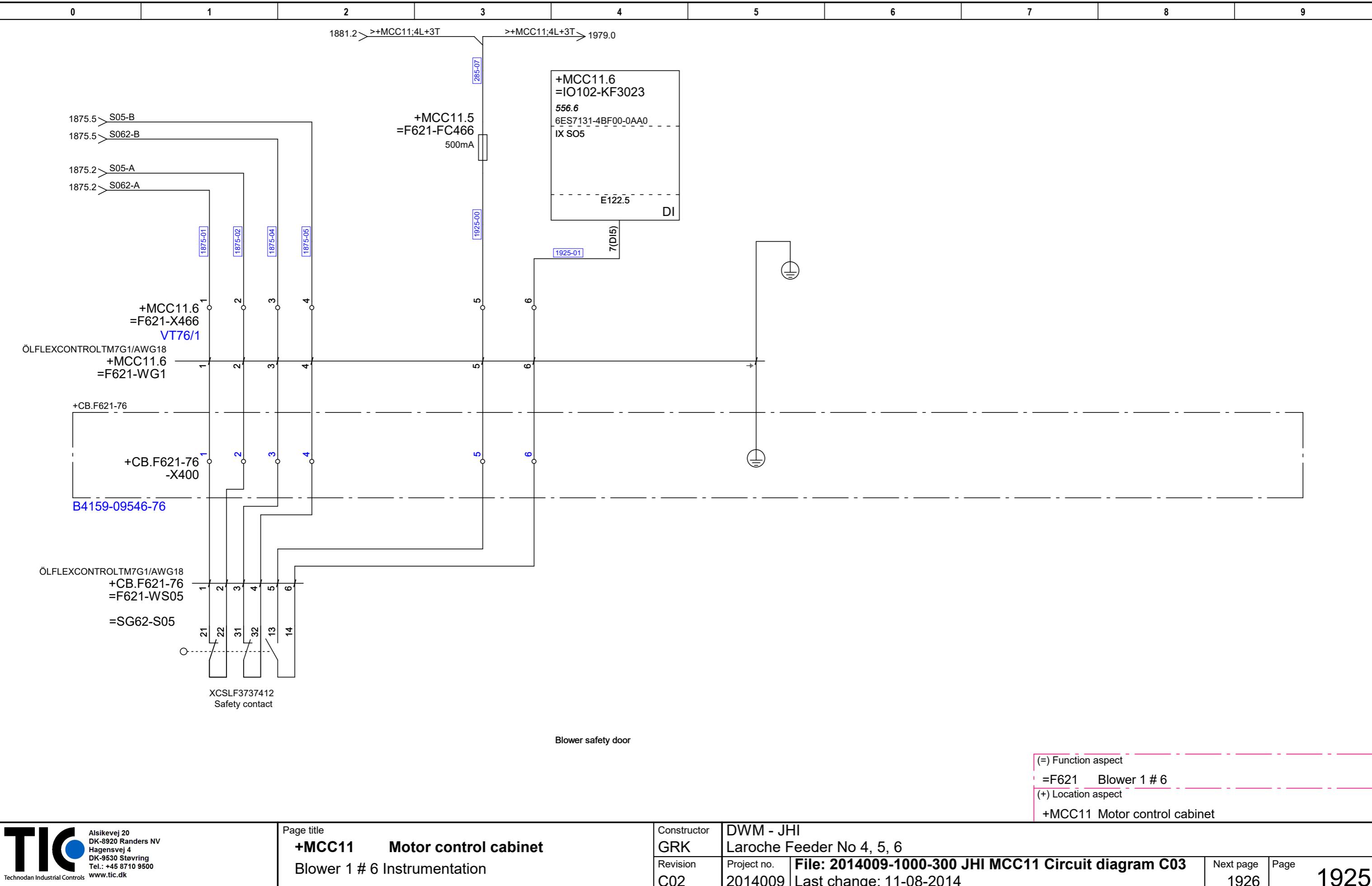
Alsikevej 20
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DK-9530 Støvring
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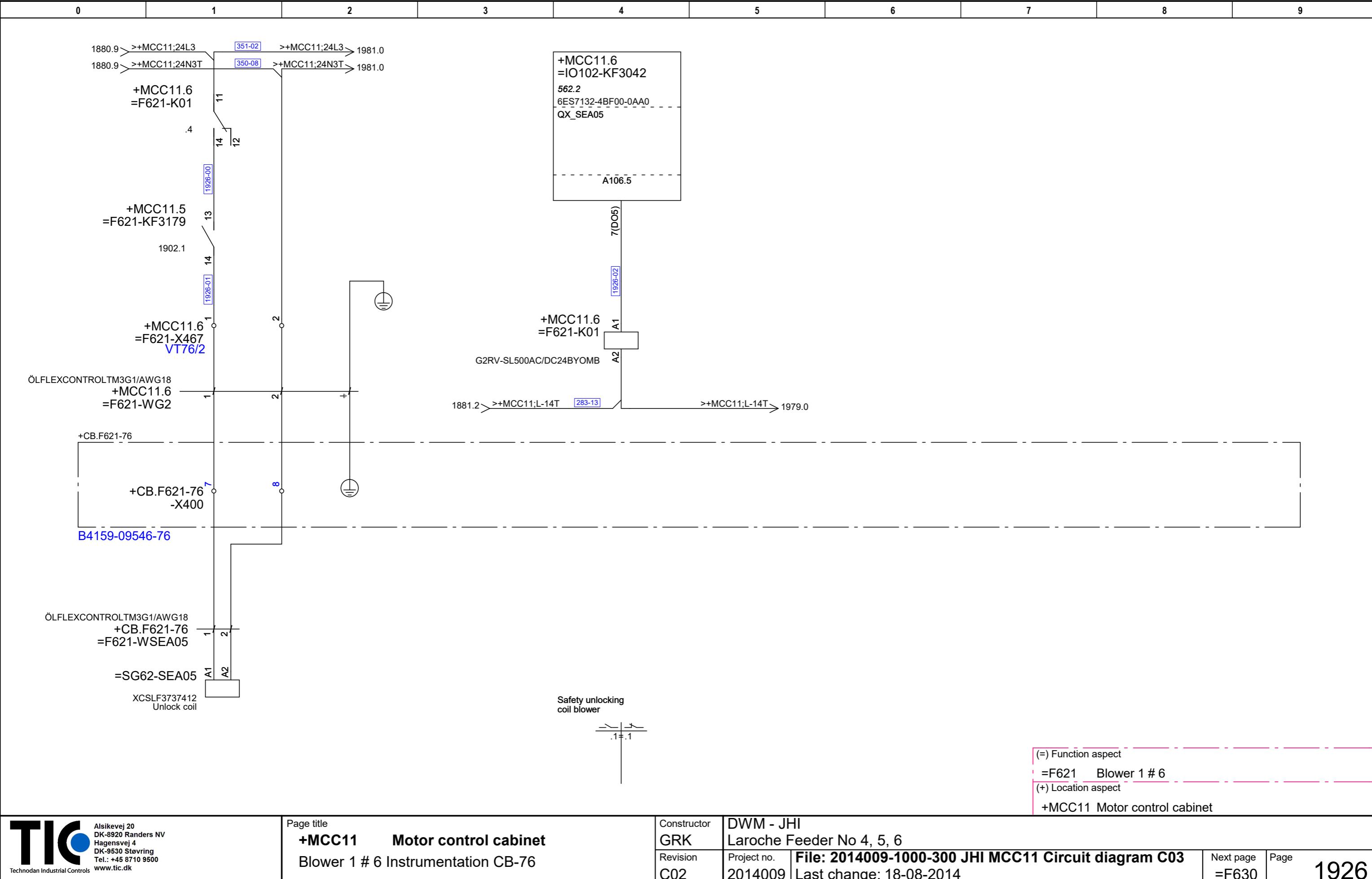






(=) Function aspect
F621 Blower 1 # 6
(+) Location aspect
+MCC11 Motor control cabinet



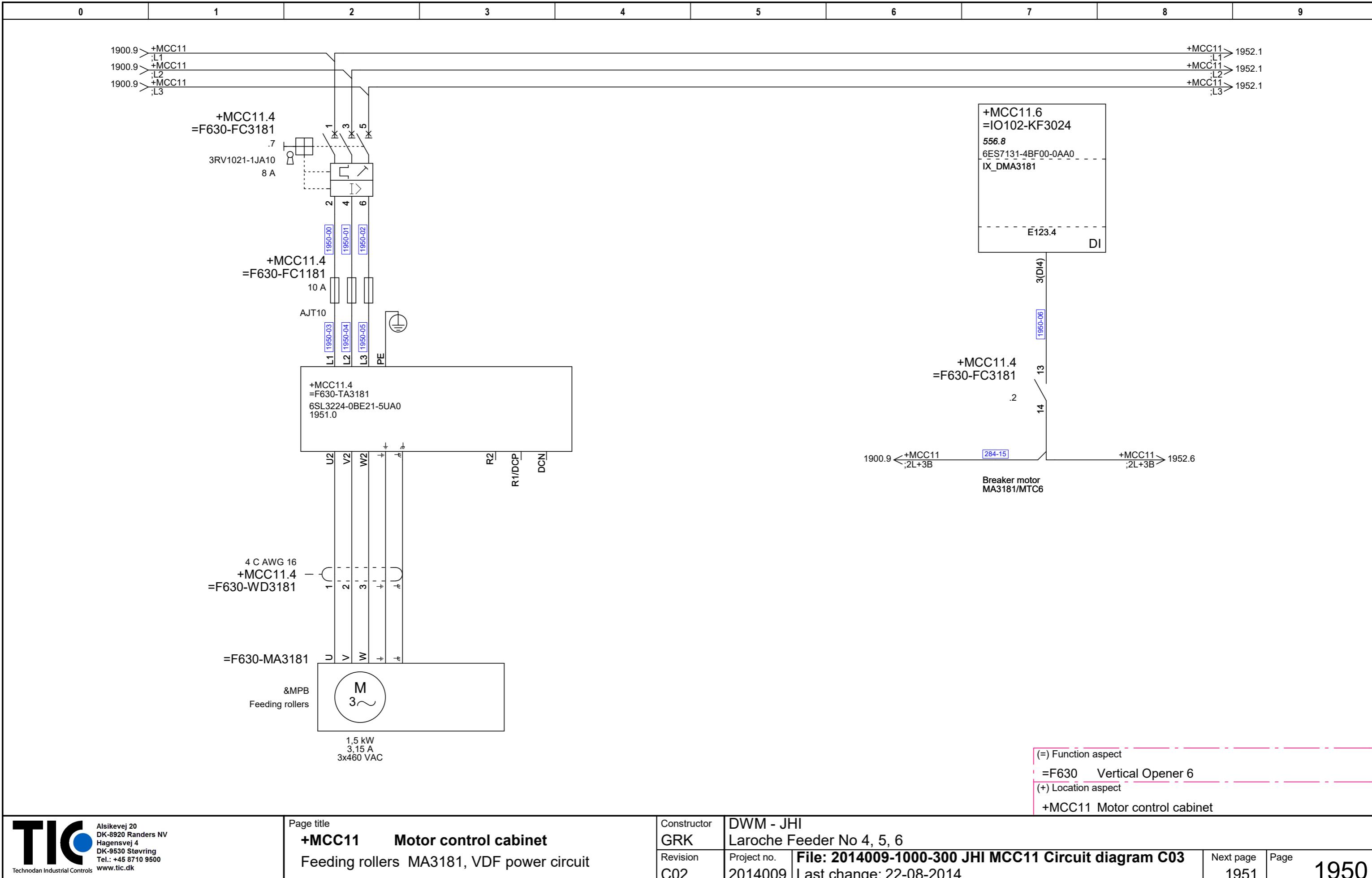


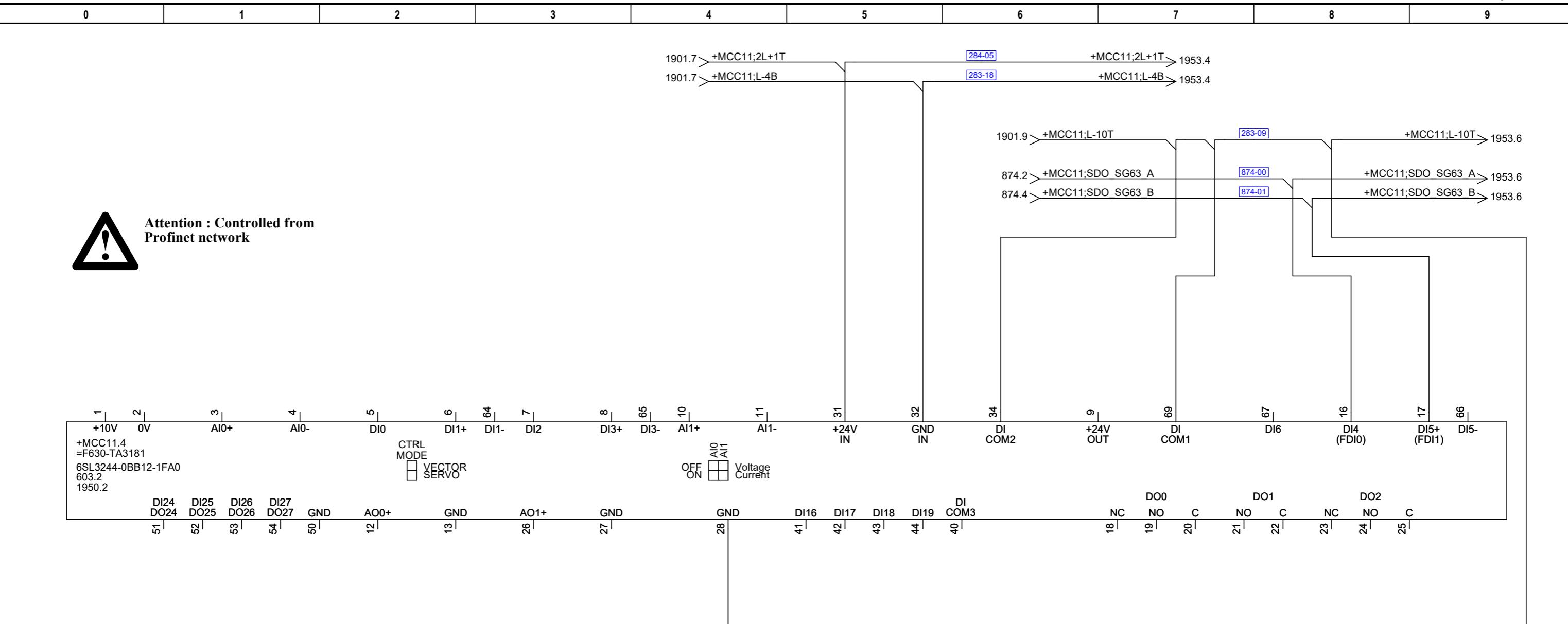
Vertical Opener # 6



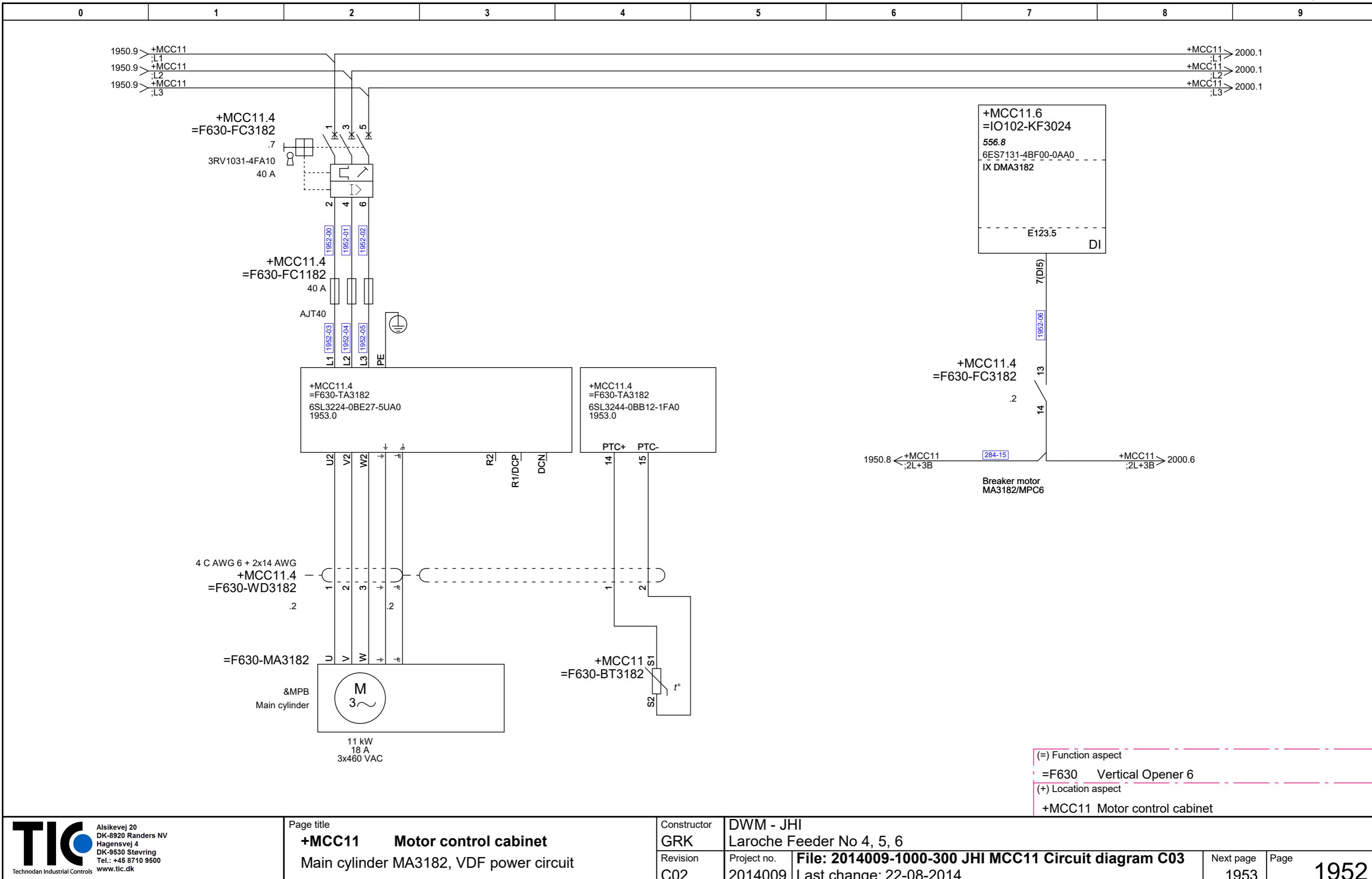
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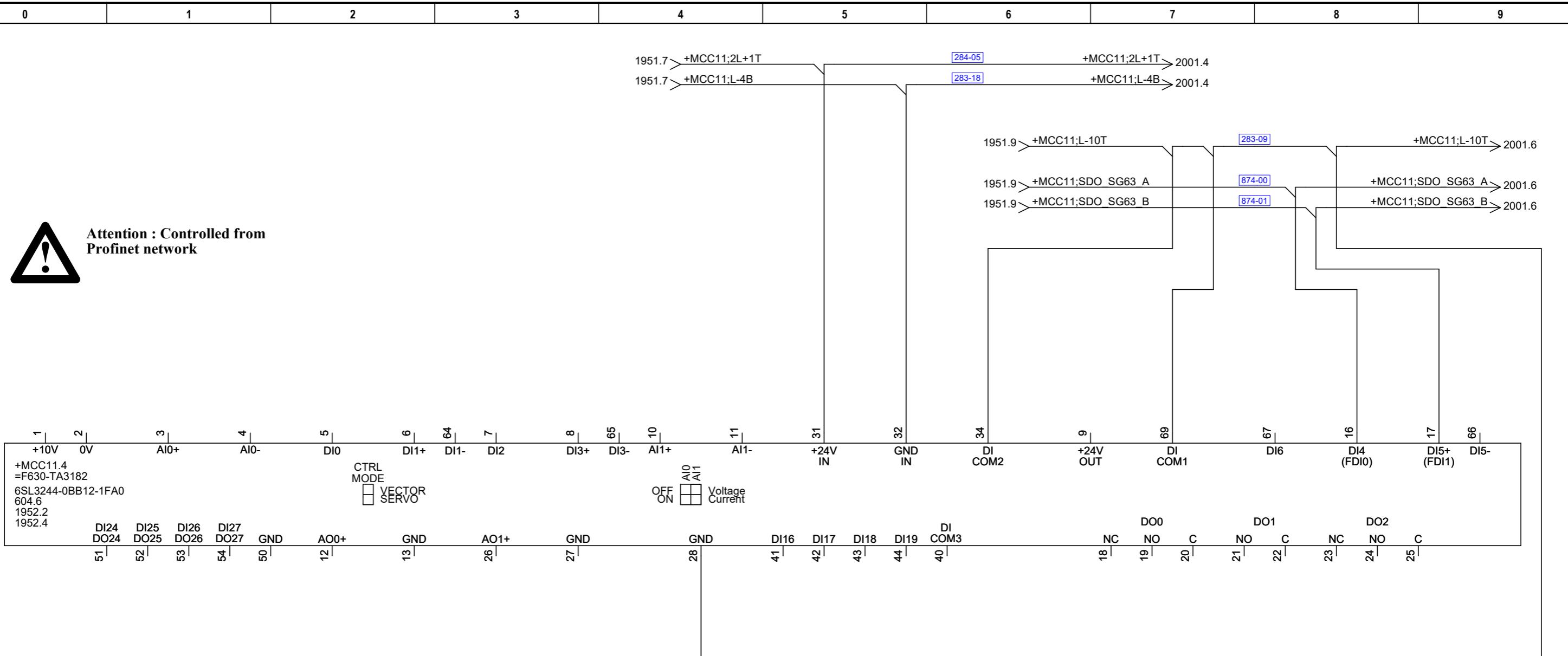
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(=) Function aspect
 =F630 Vertical Opener 6
 (+) Location aspect
 +MCC11 Motor control cabinet



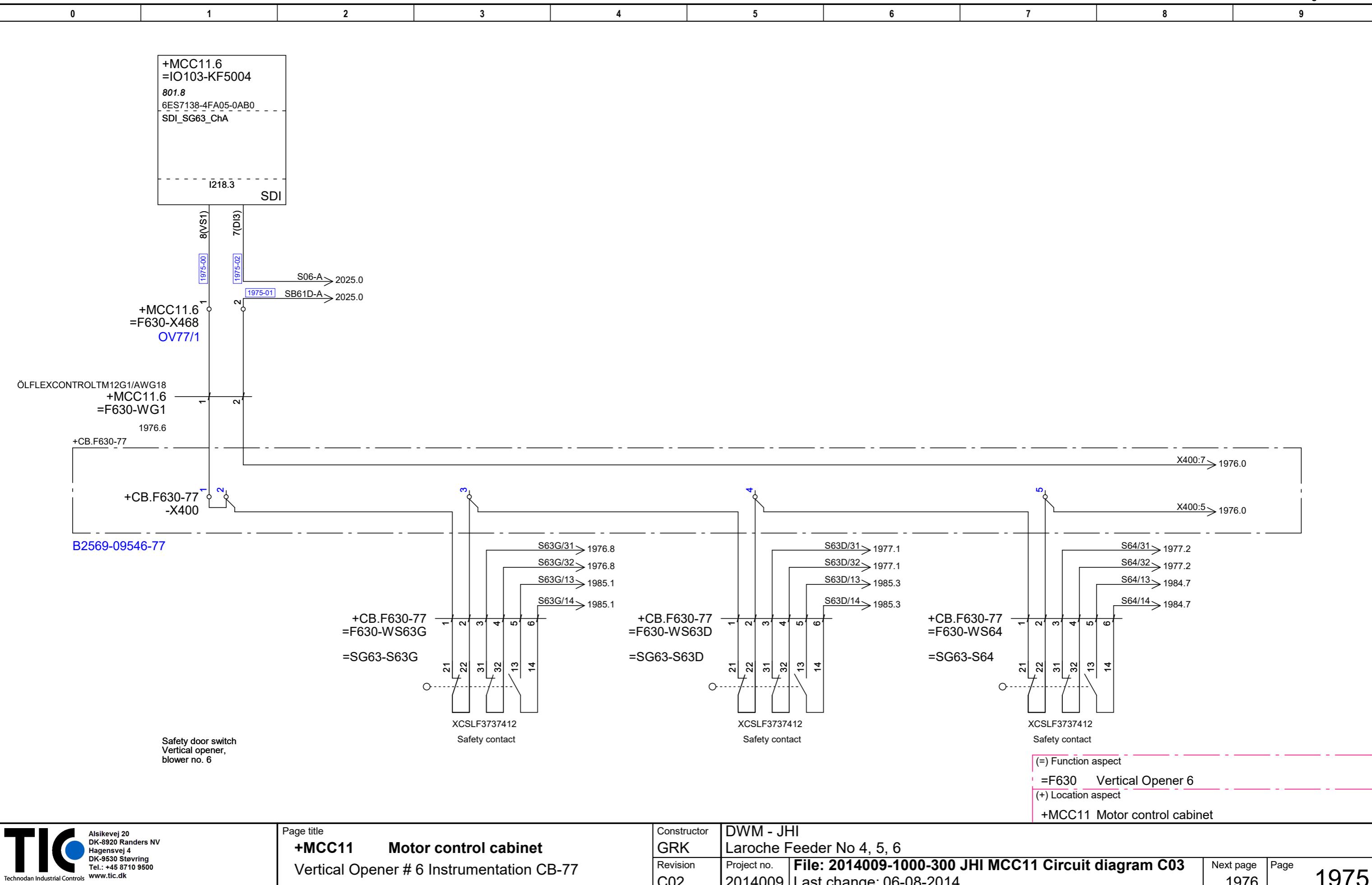


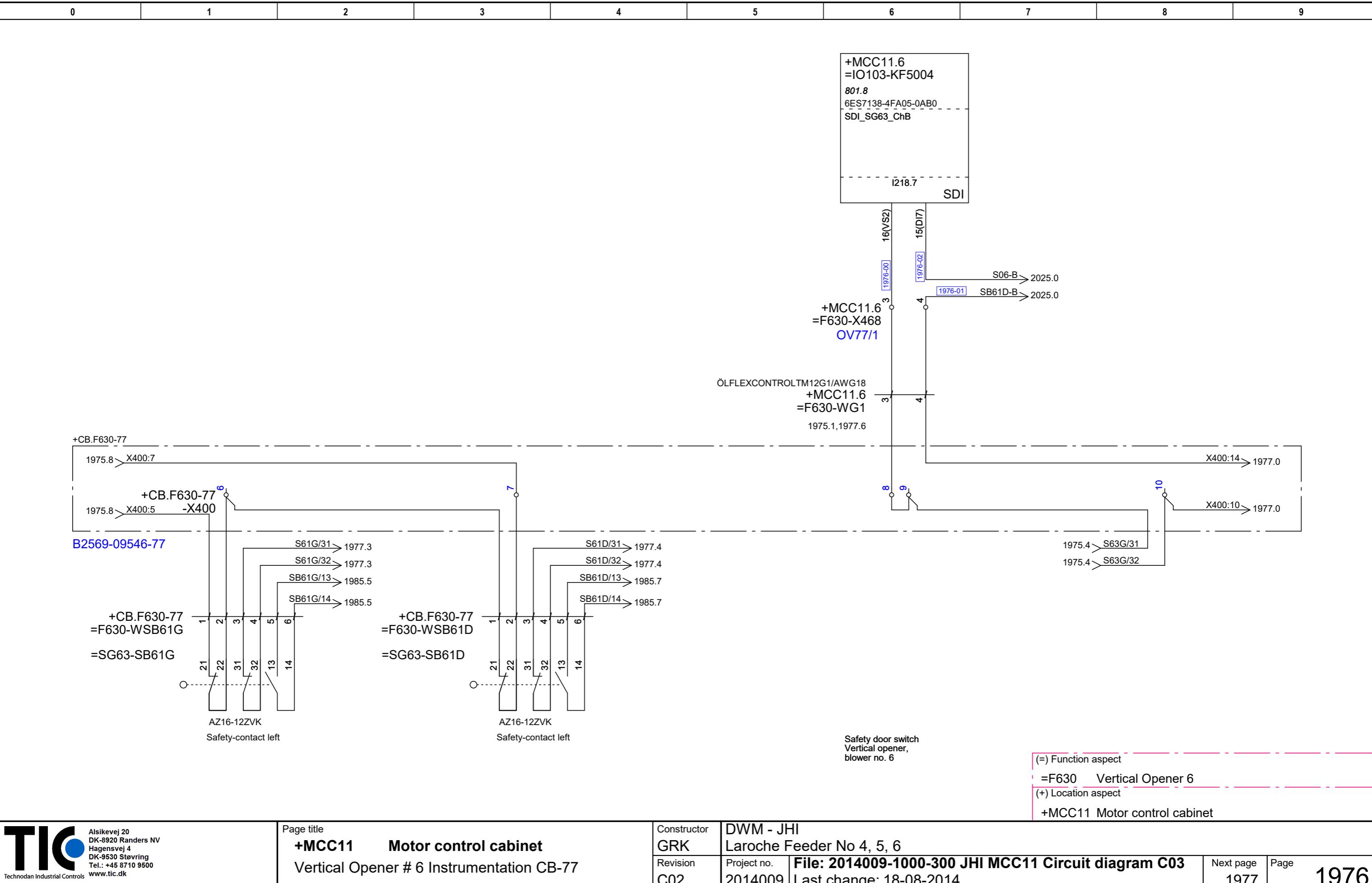
(=) Function aspect

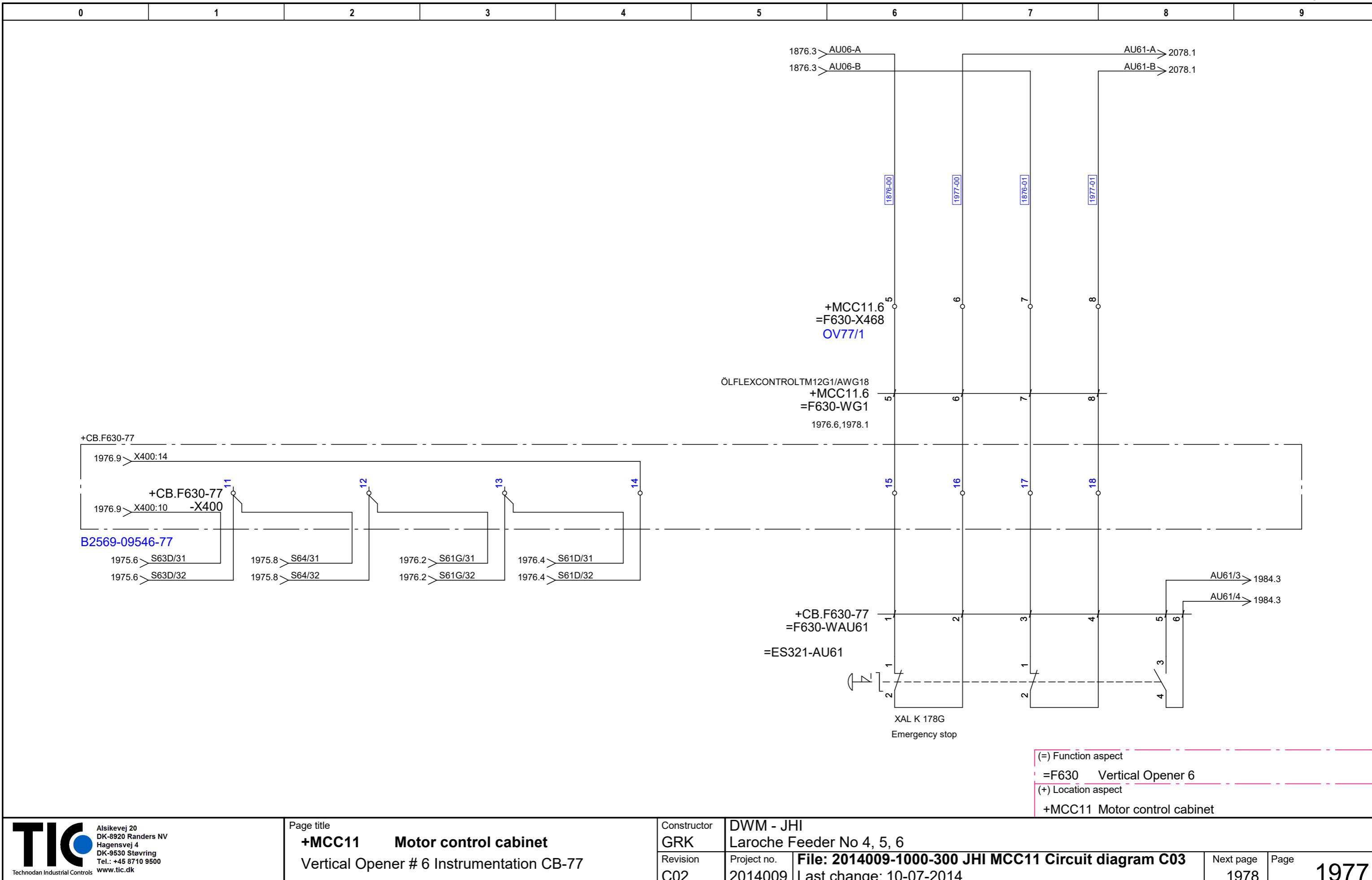
=F630 Vertical Opener 6

(+) Location aspect

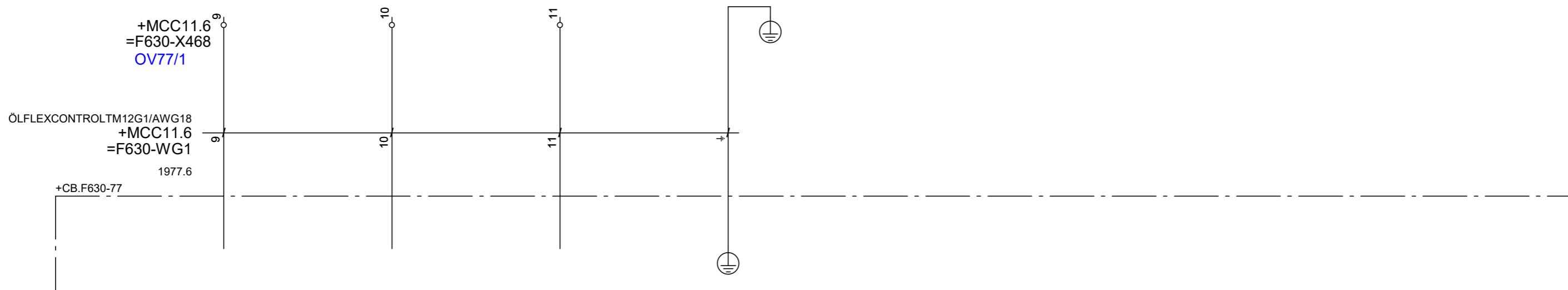
+MCC11 Motor control cabinet





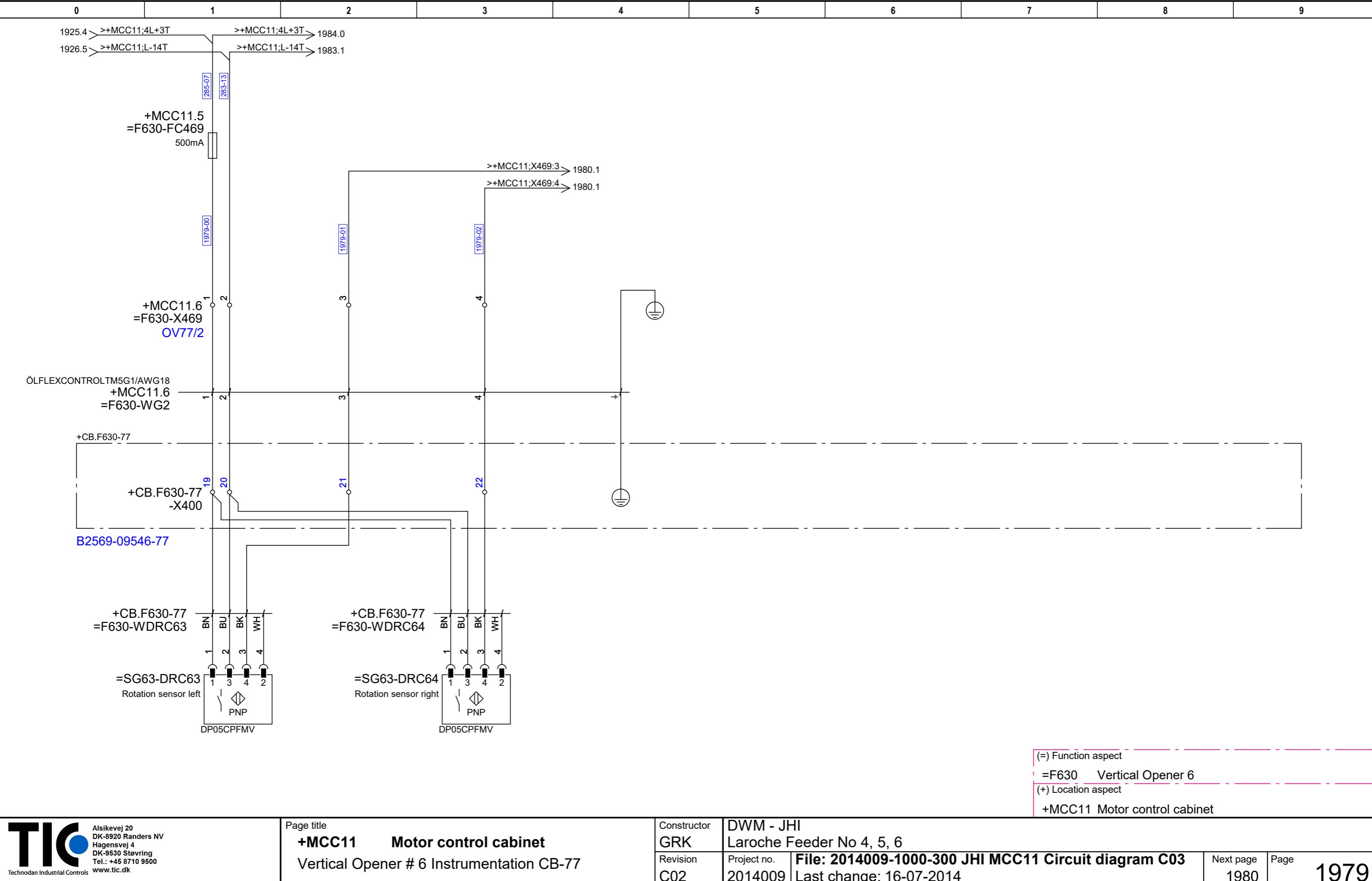


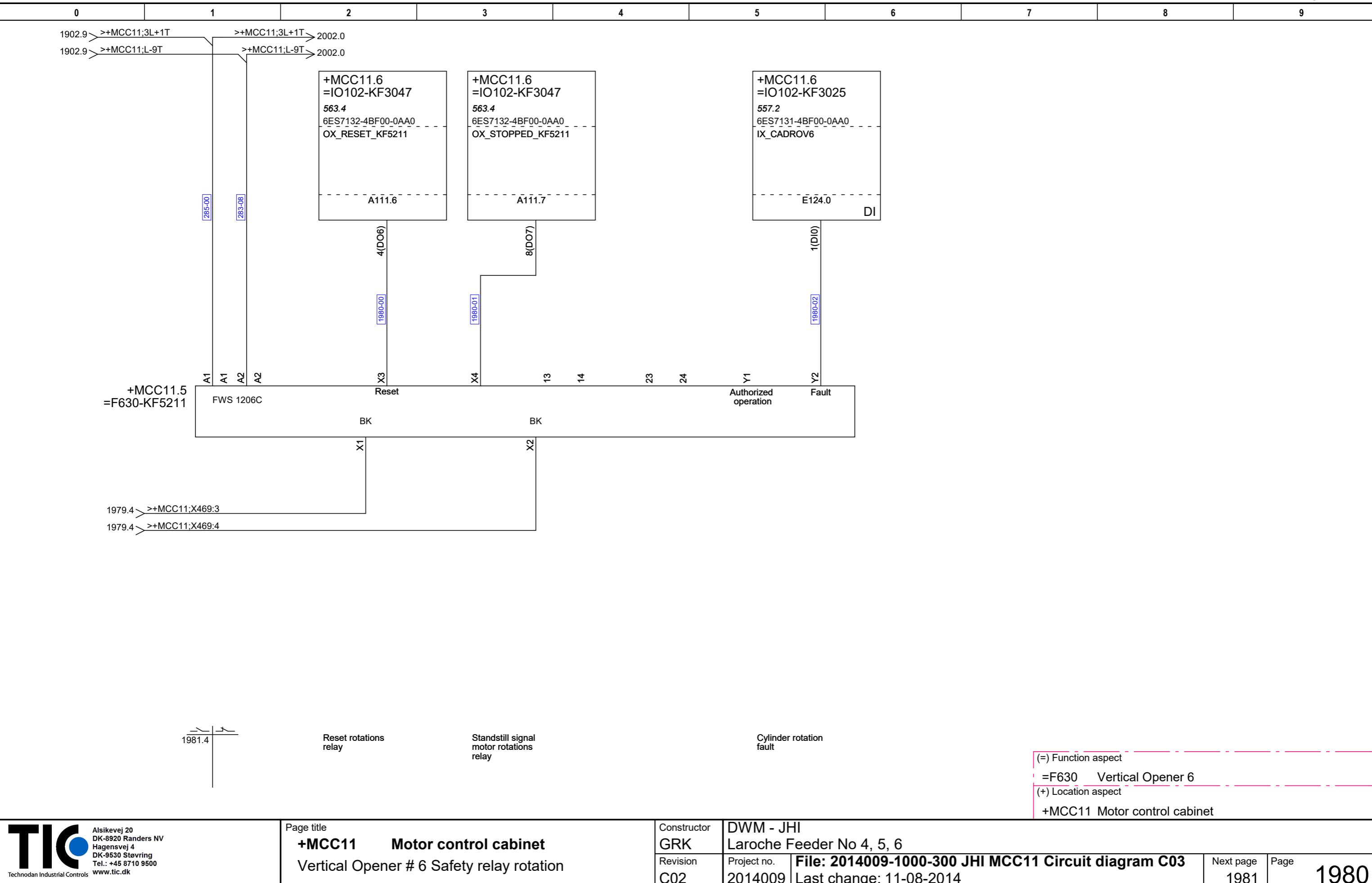
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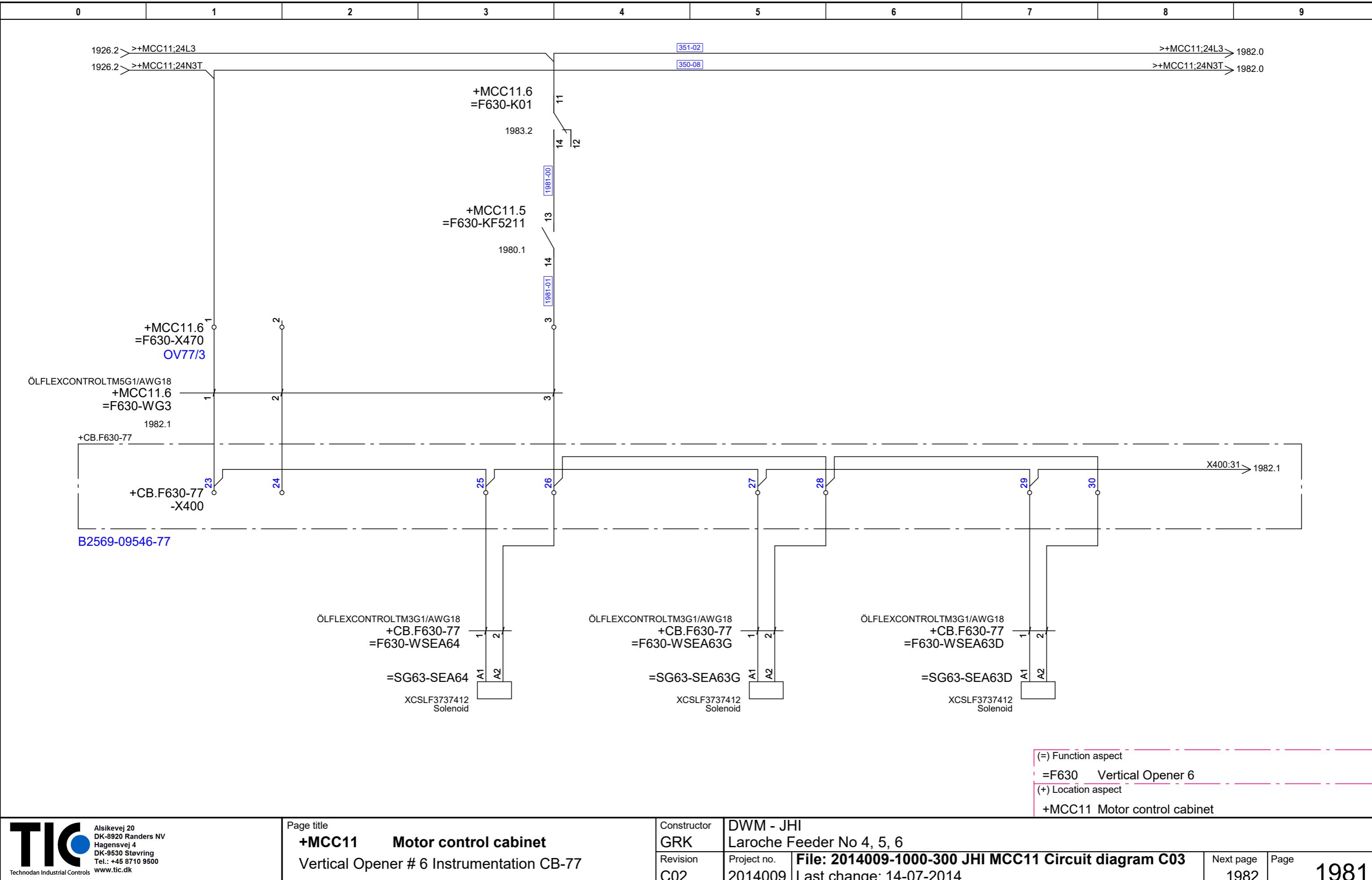


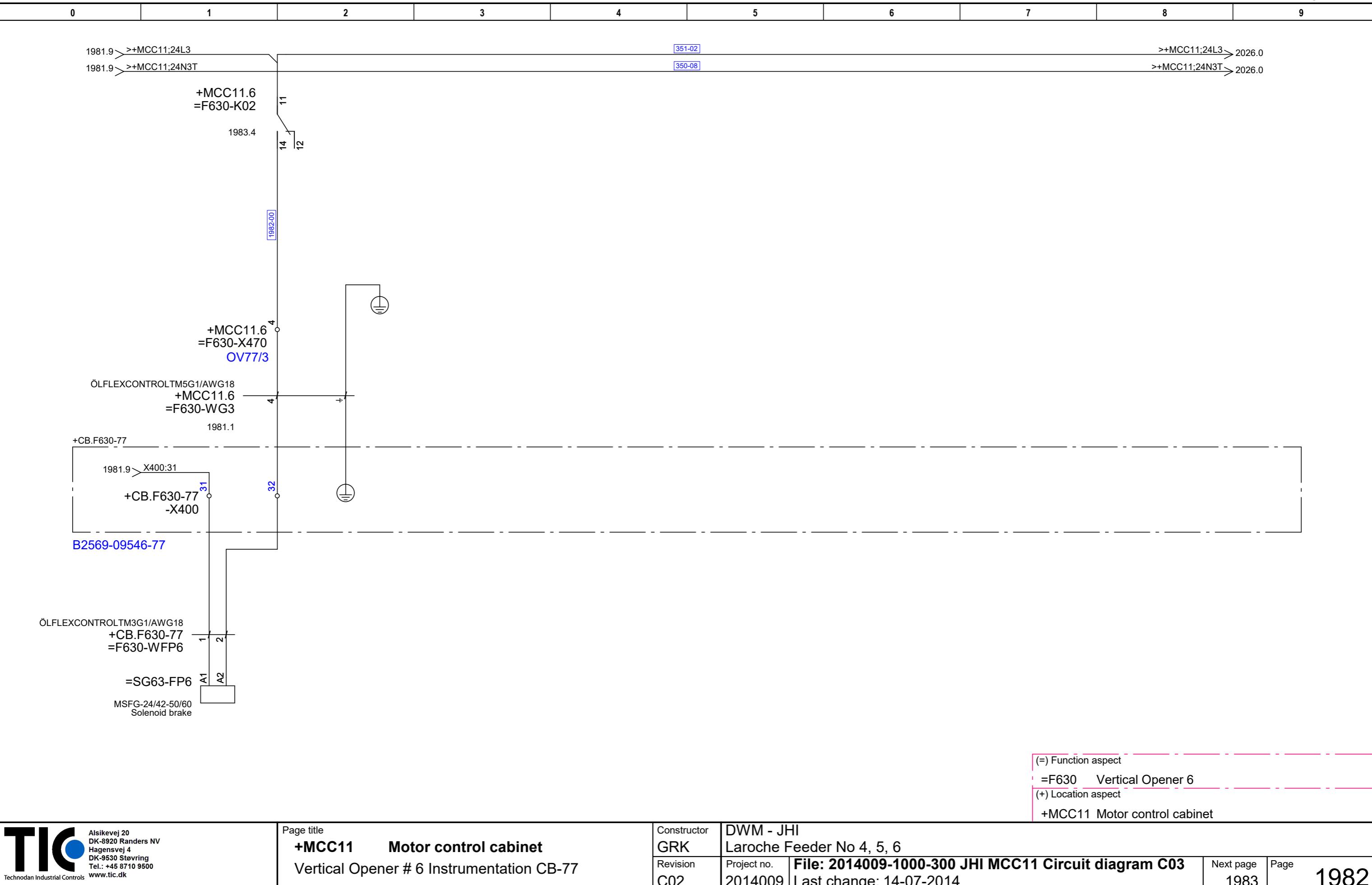
B2569-09546-77

(=) Function aspect
 =F630 Vertical Opener 6
 (+) Location aspect
 +MCC11 Motor control cabinet

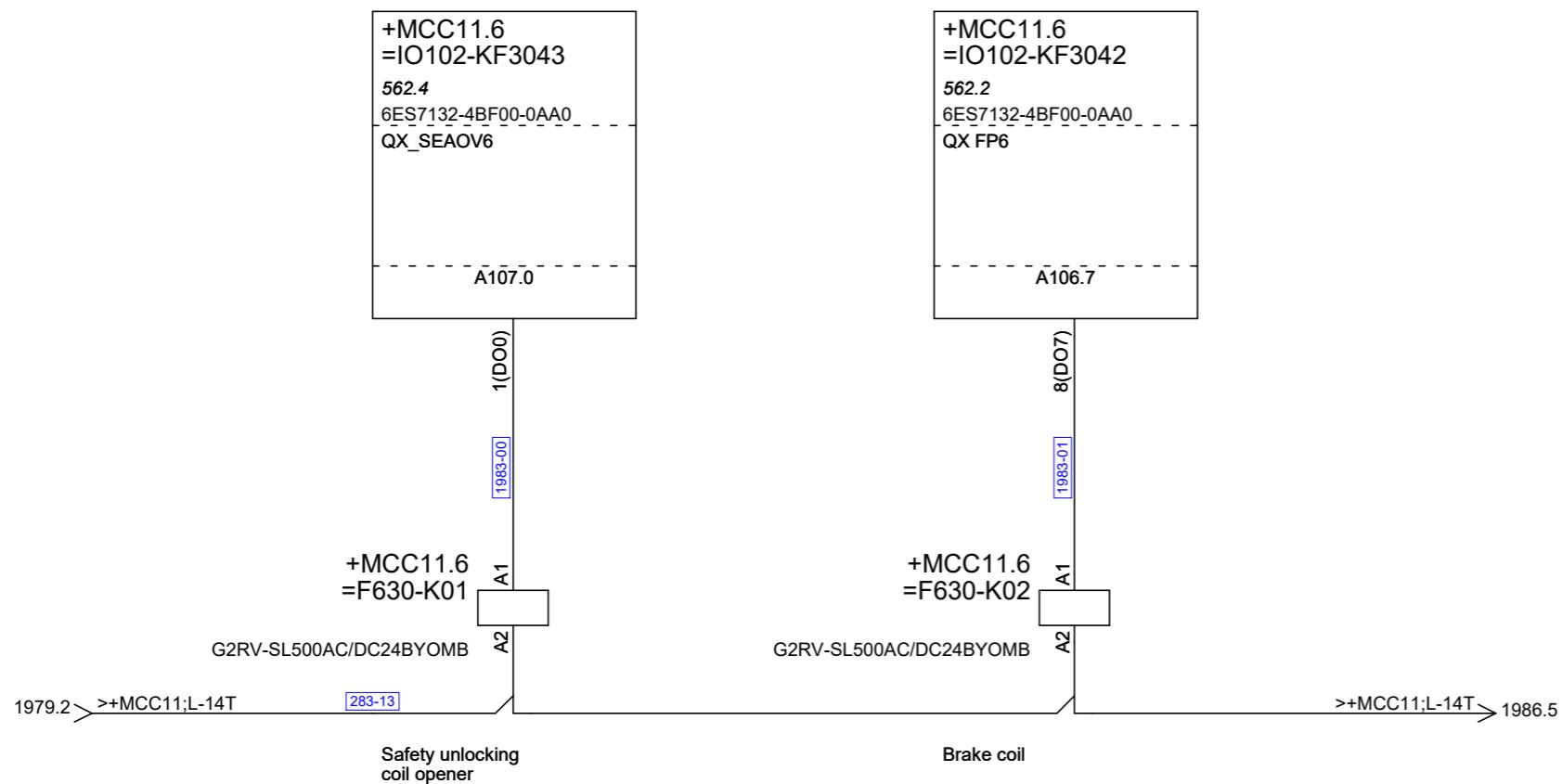








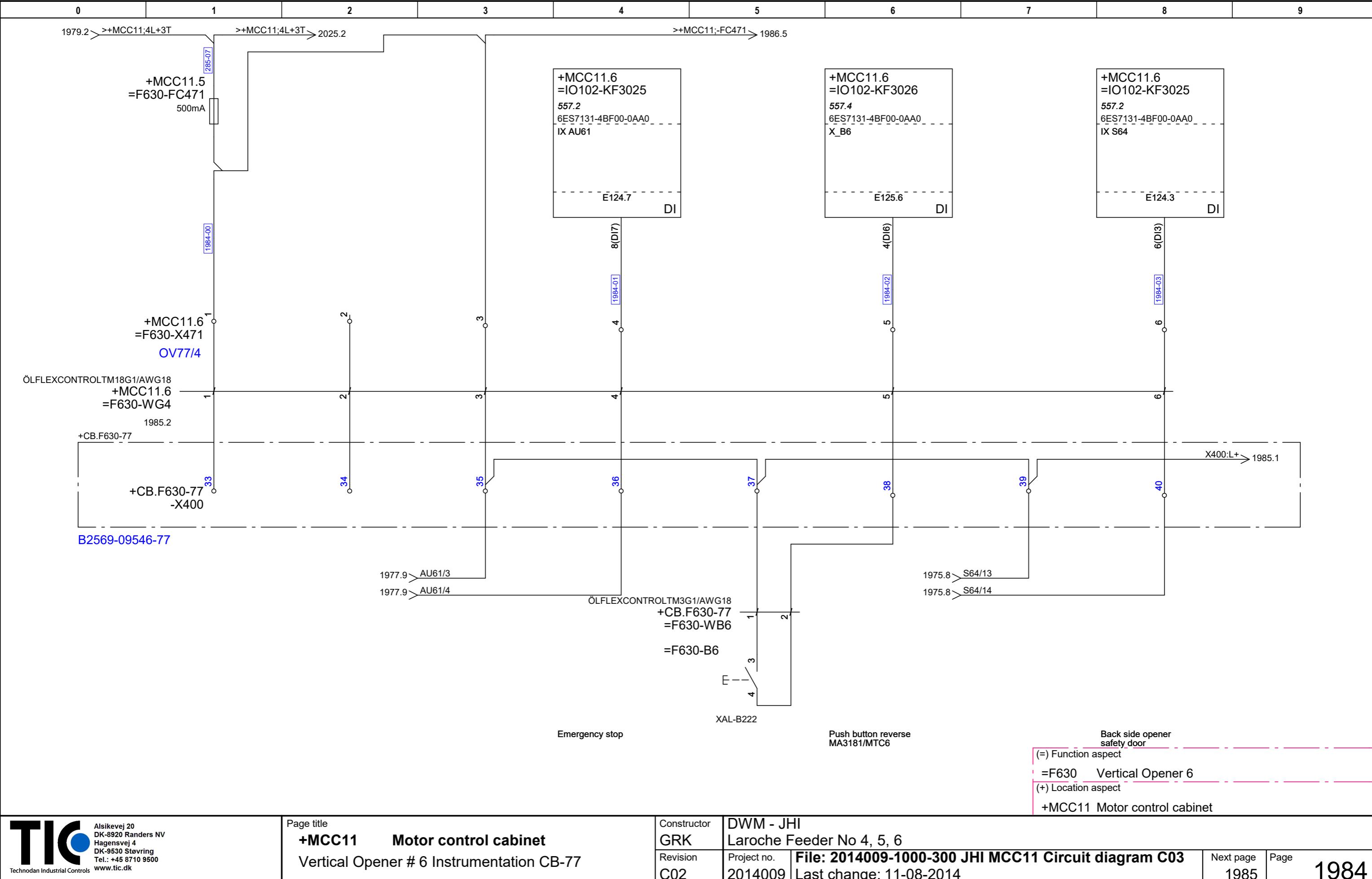
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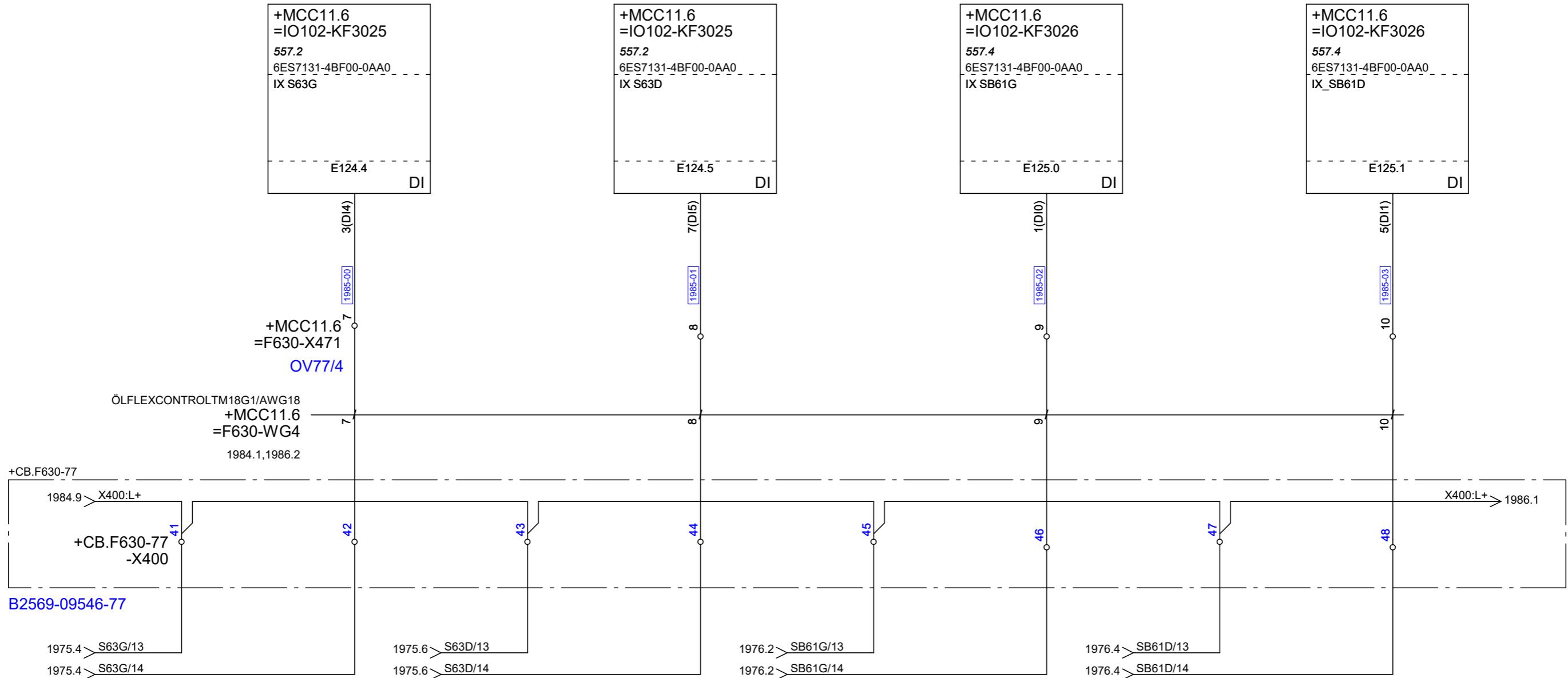


1981.4 = 1981.4

1982.2 = 1982.2

(=) Function aspect
 =F630 Vertical Opener 6
 (+) Location aspect
 +MCC11 Motor control cabinet





Left side opened safety door

Right side opener
safety door

Left side chute
safety door

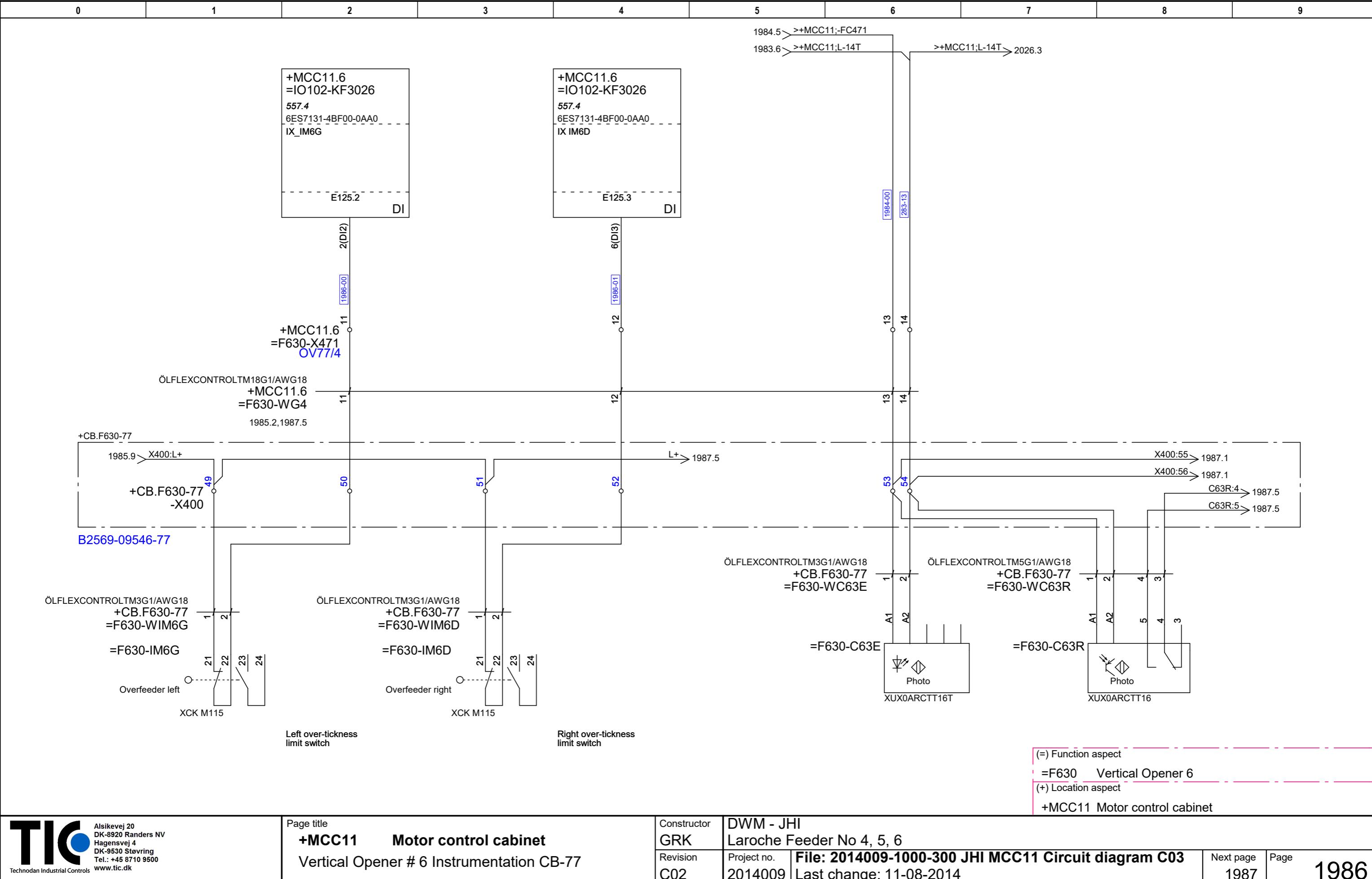
**Right side chute
safety door**

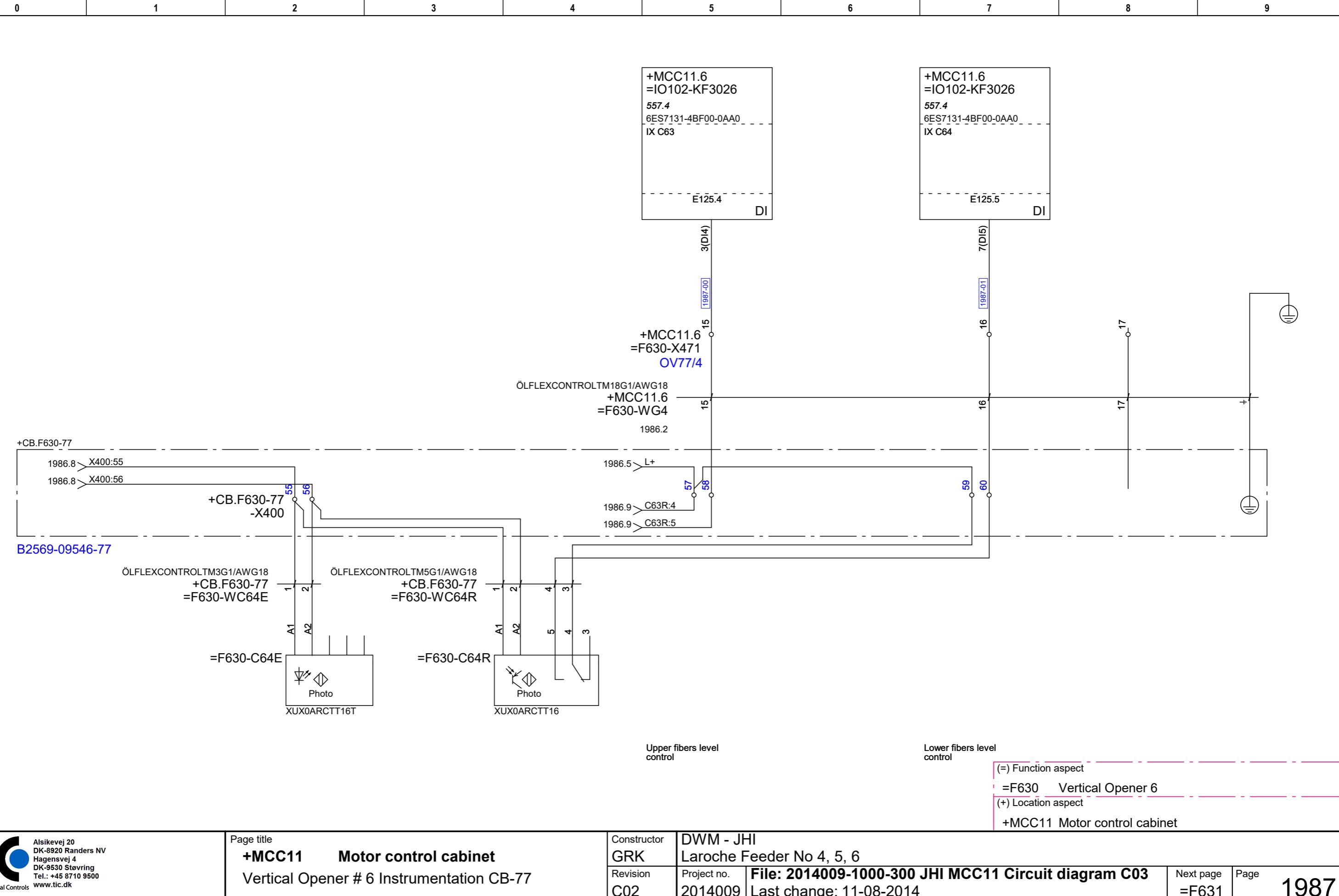
-F630 Vertical Opener 6

F630 Verl
(+) Location aspect

(1) Location aspect





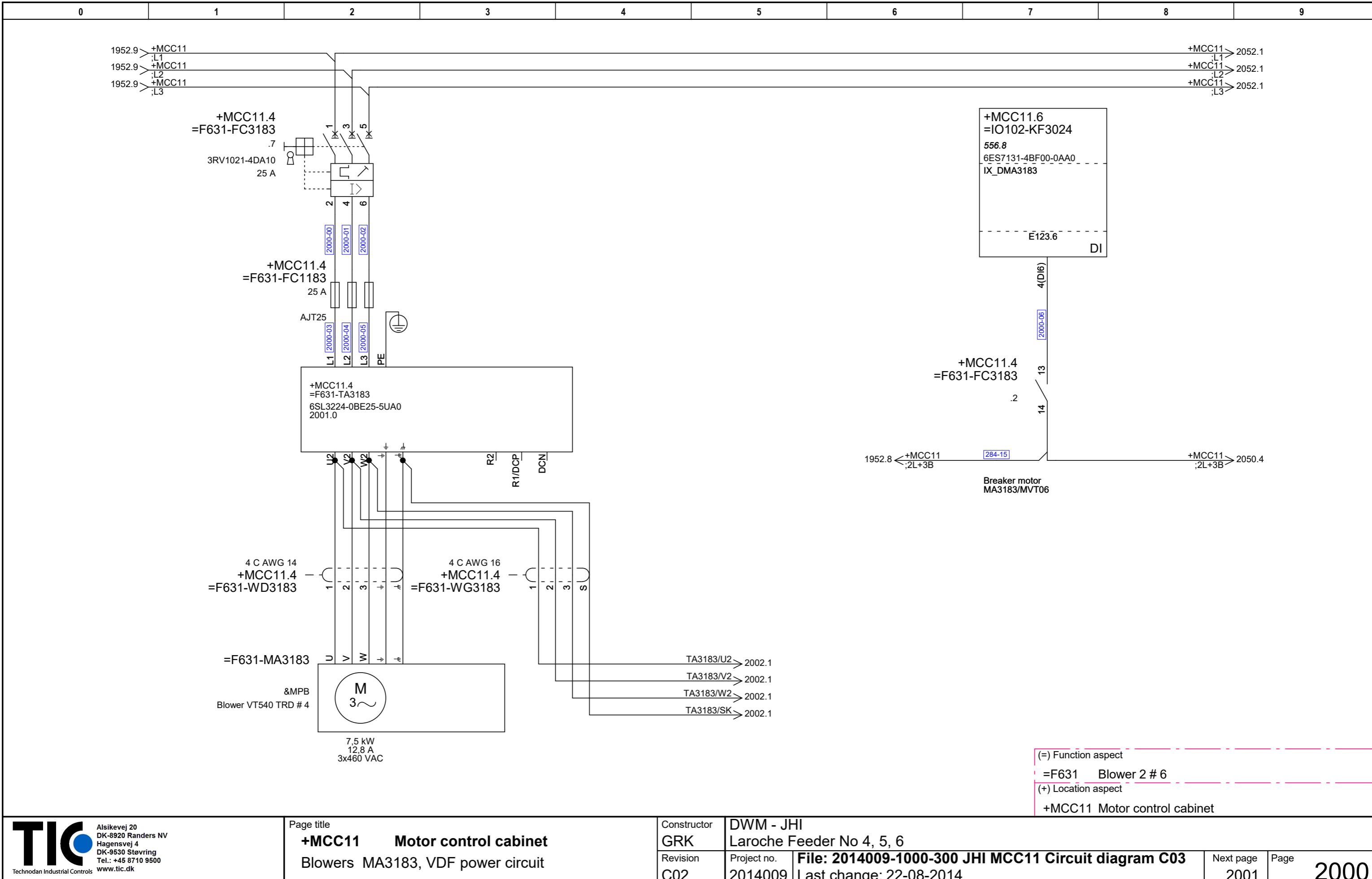


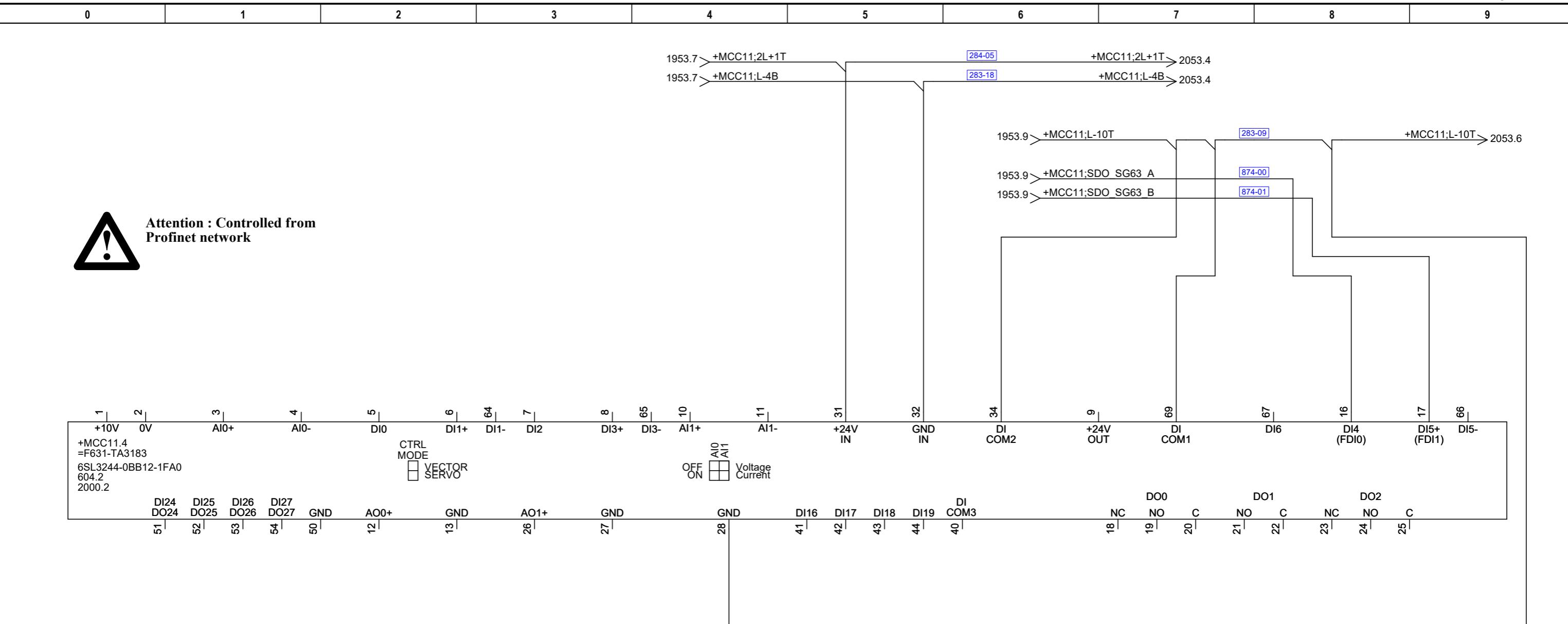
Blower 2 # 6



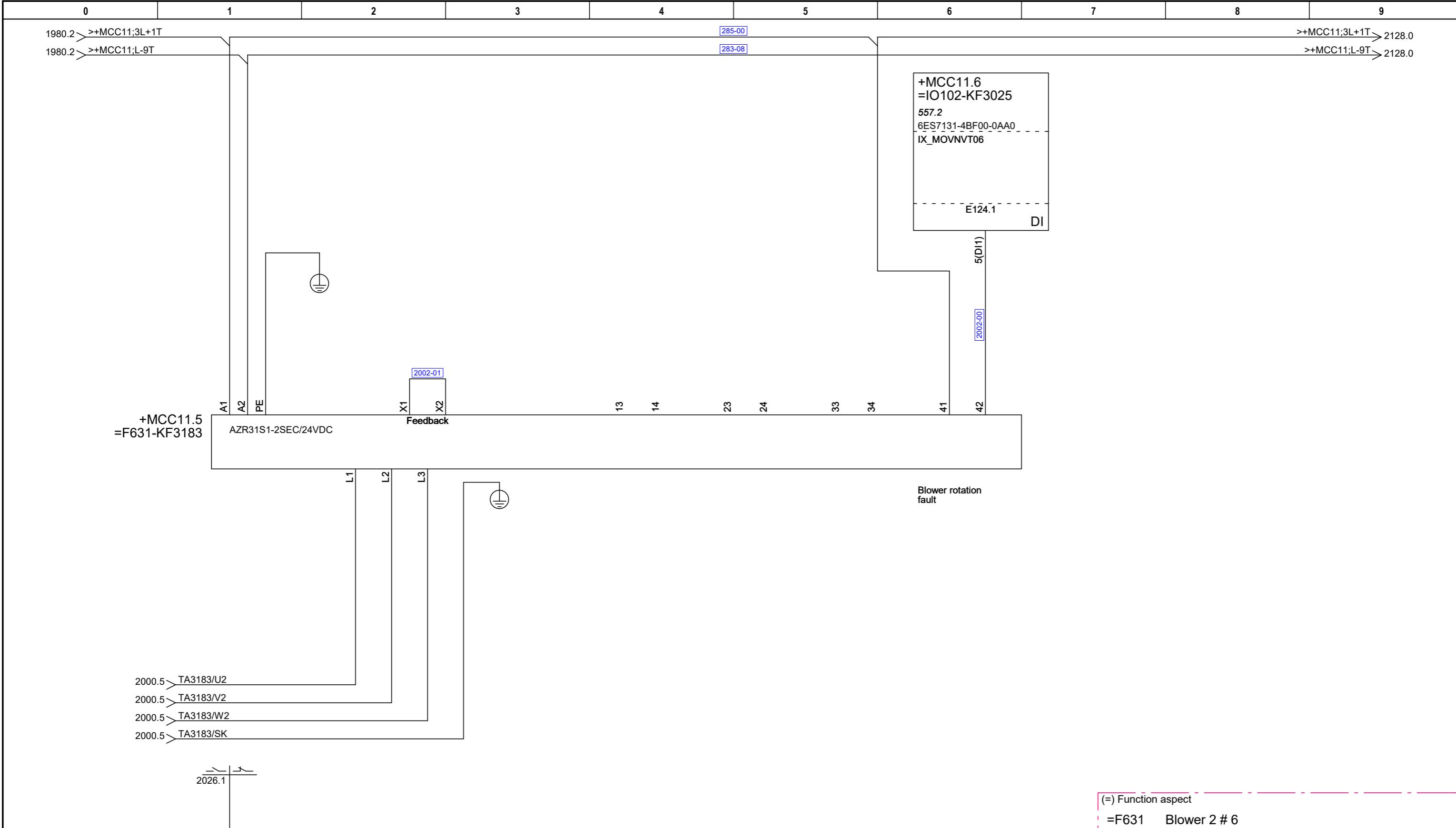
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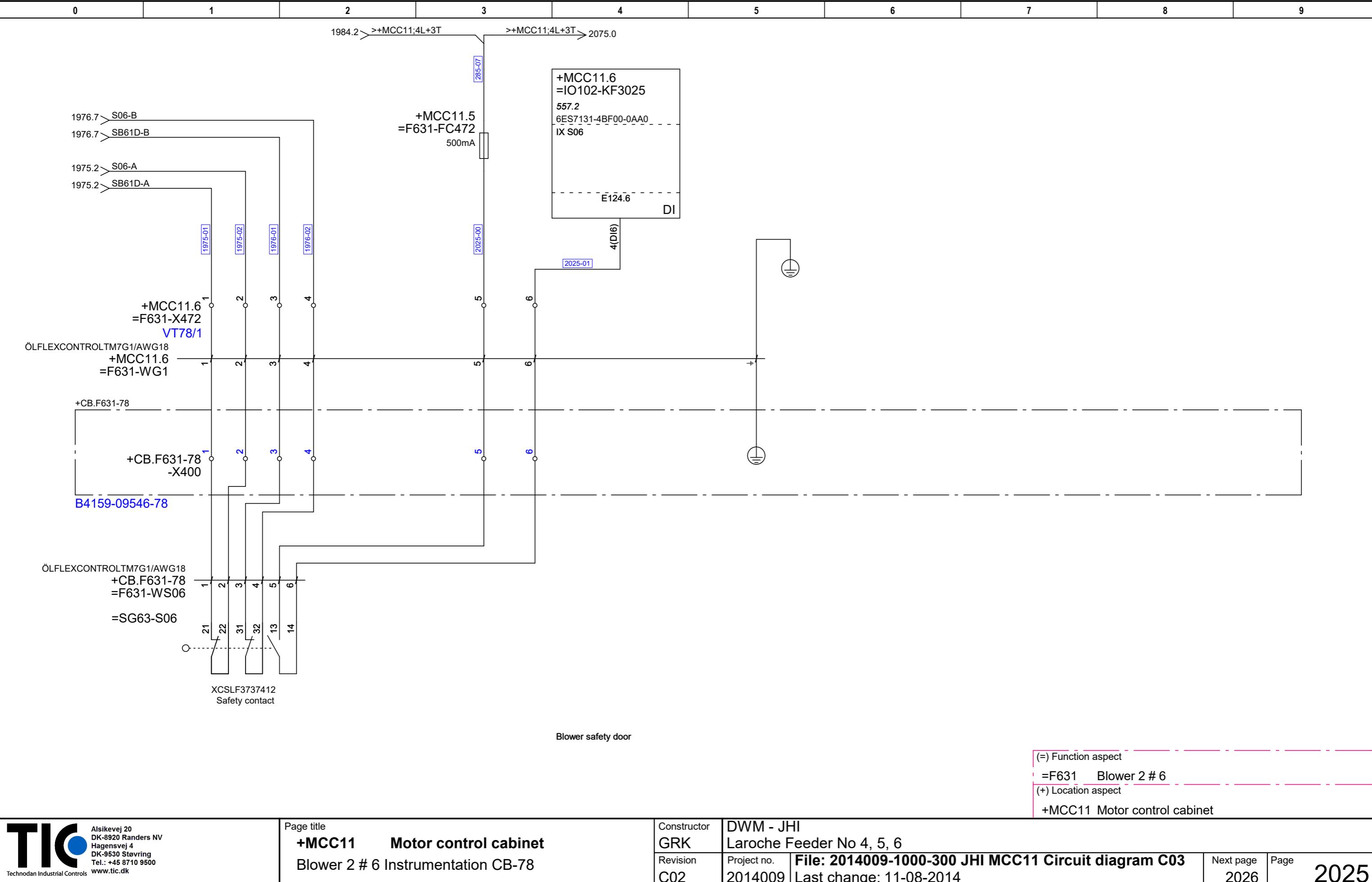


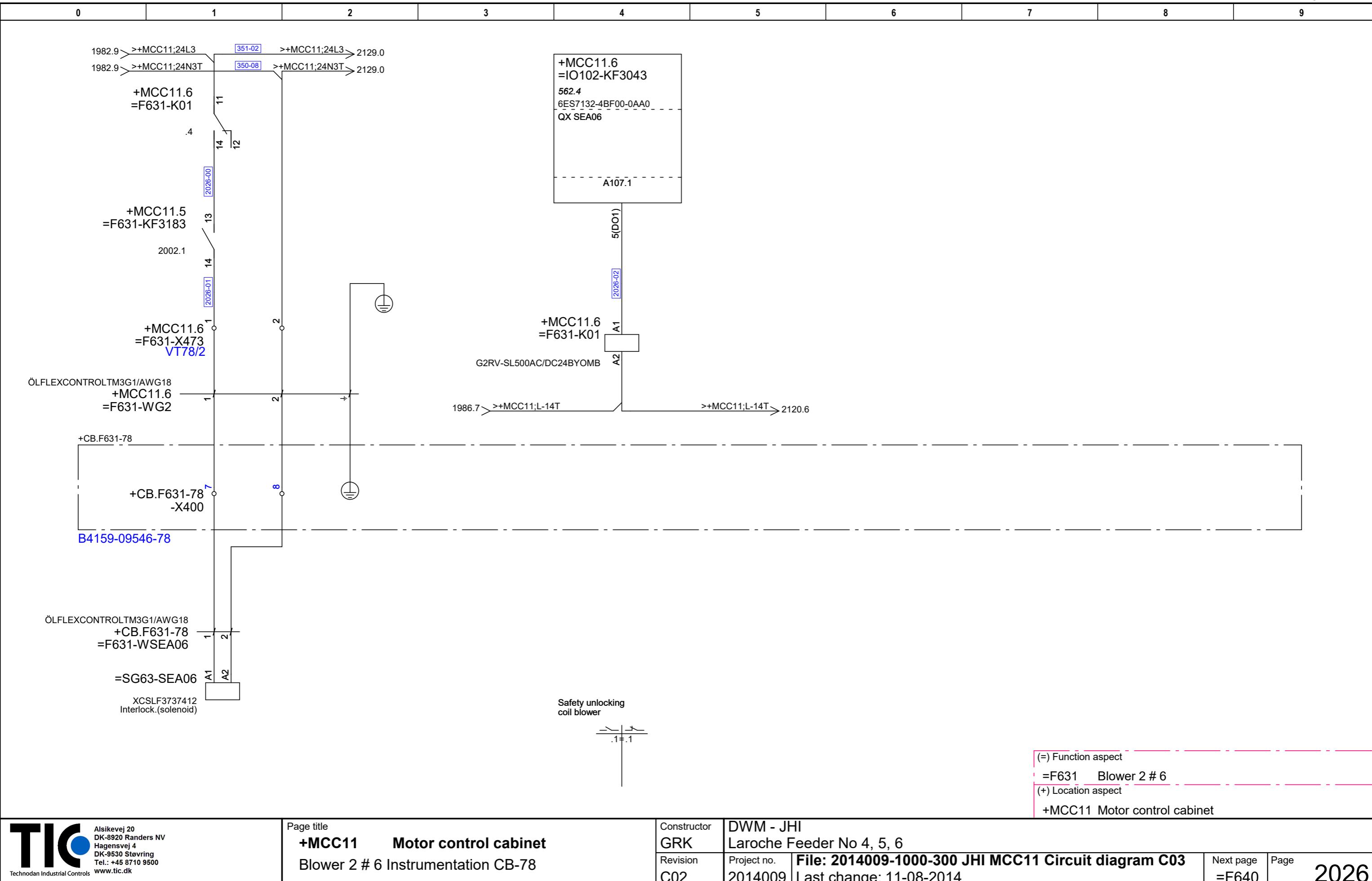


(=) Function aspect
 =F631 Blower 2 # 6
 (+) Location aspect
 +MCC11 Motor control cabinet



- (=) Function aspect
- =F631 Blower 2 # 6
- (+) Location aspect
- +MCC11 Motor control cabinet



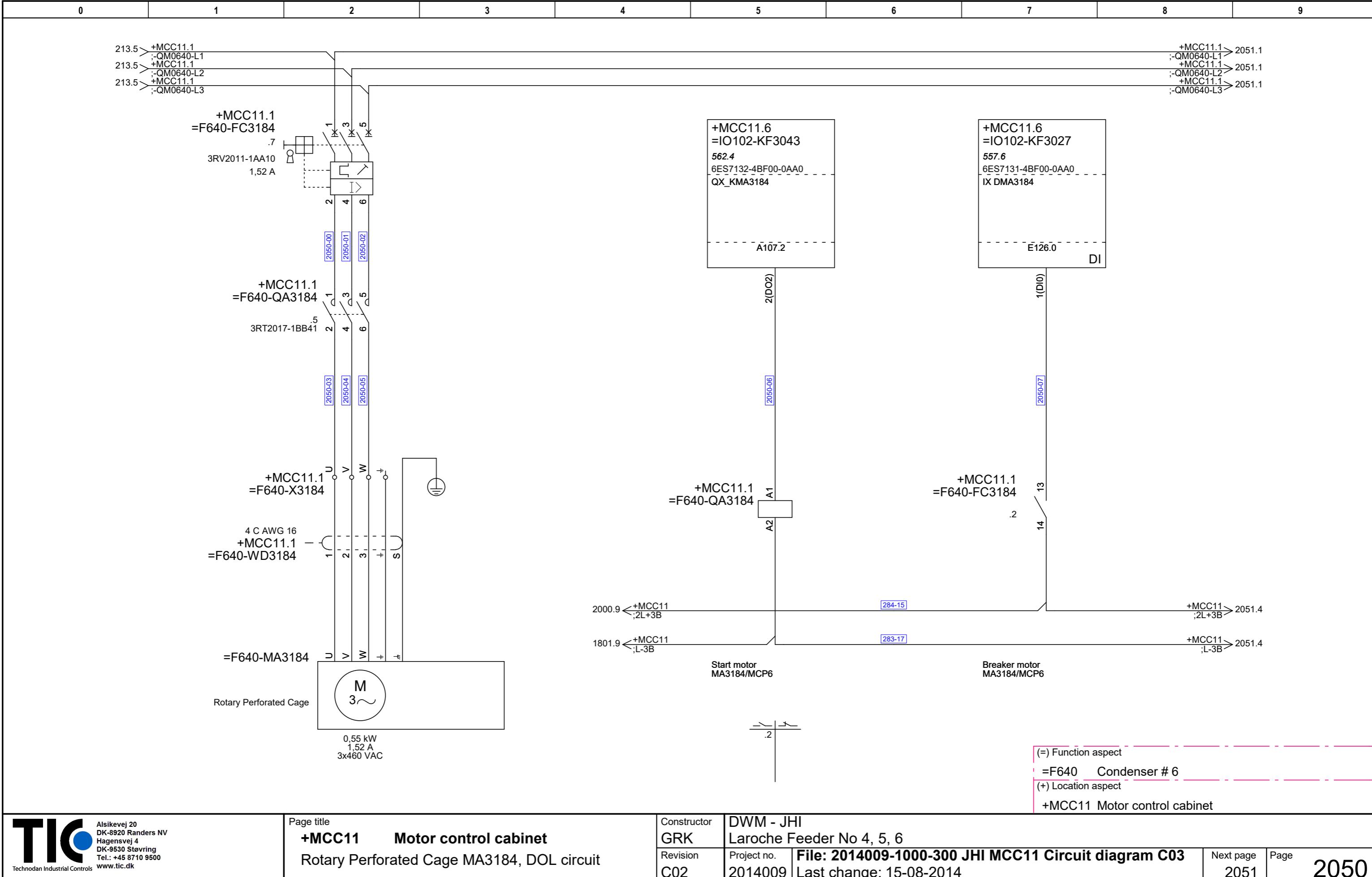


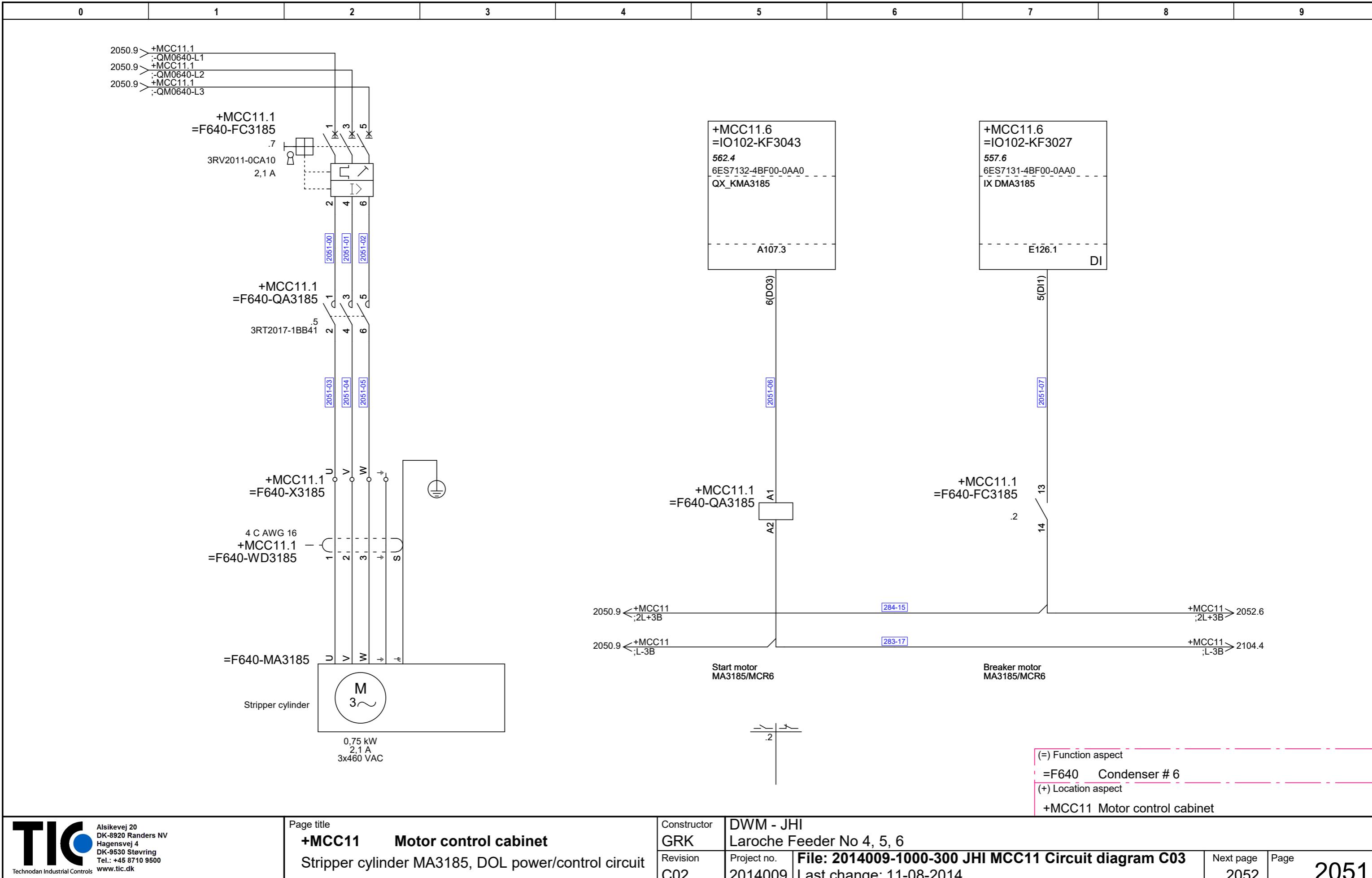
Condenser # 6

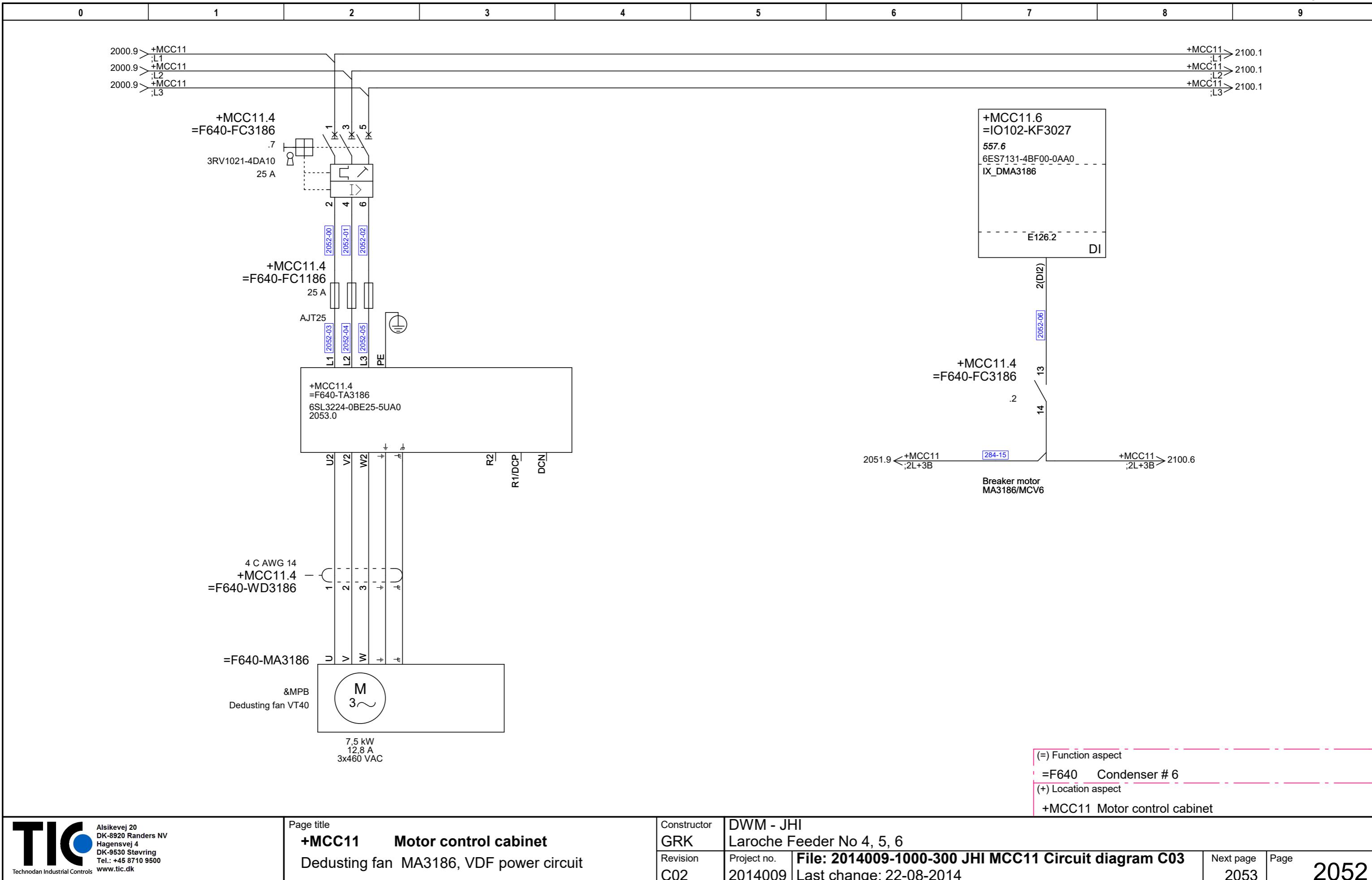


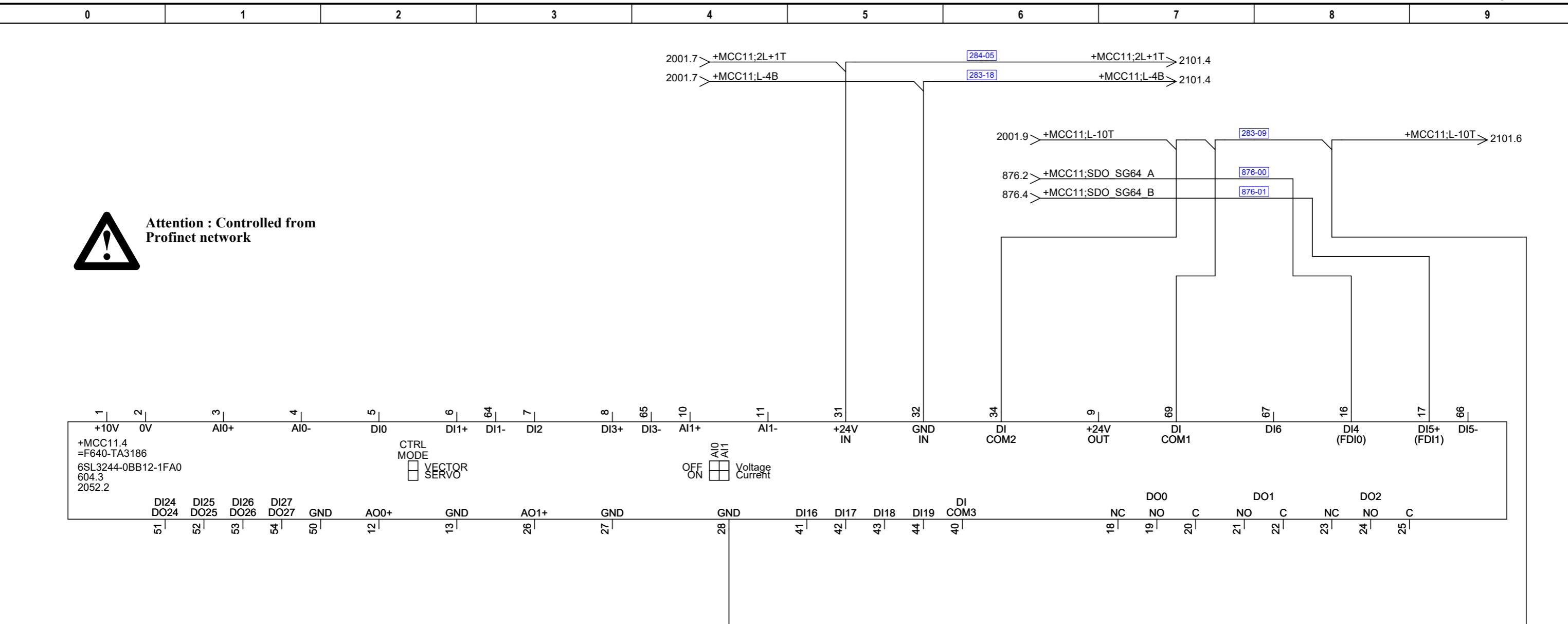
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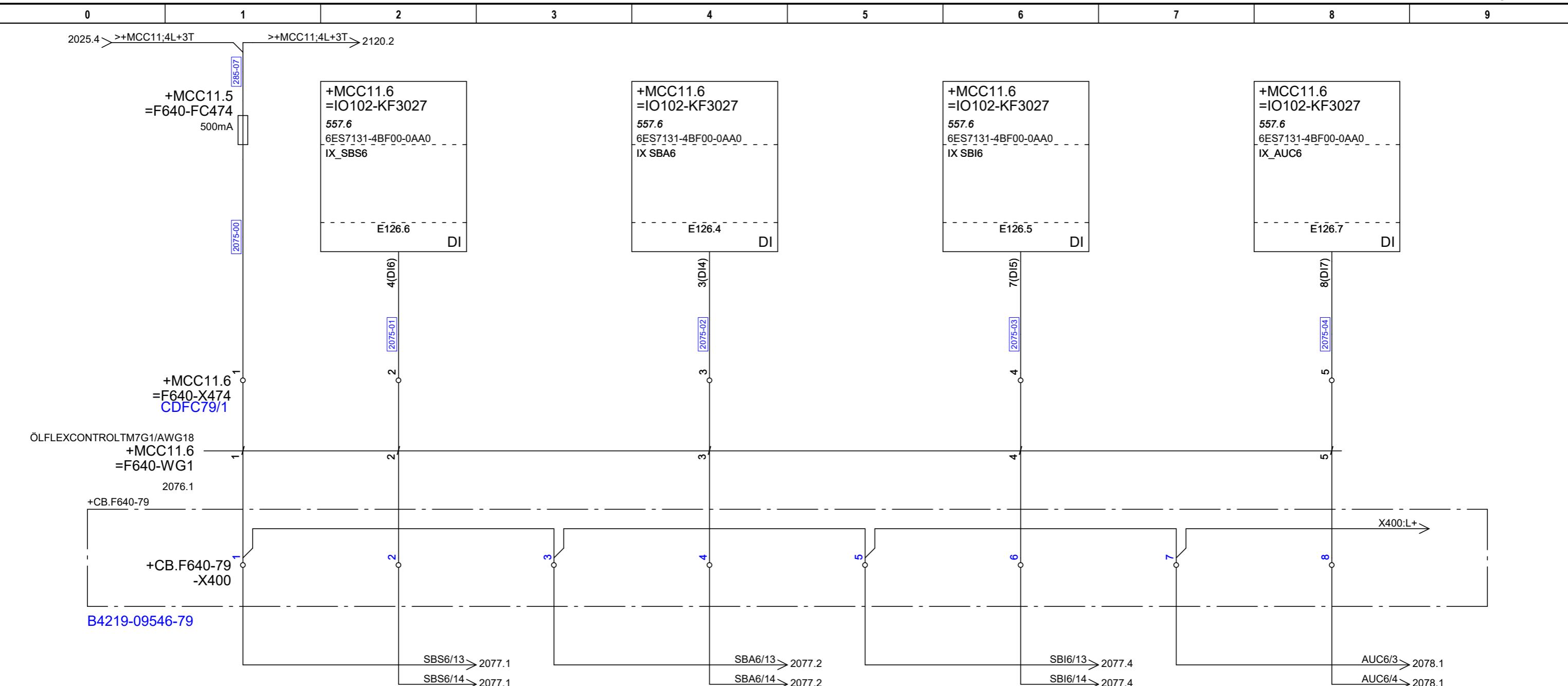








(=) Function aspect
 =F640 Condenser # 6
 (+) Location aspect
 +MCC11 Motor control cabinet



Safety upper door

Safety back door

Safety lower door

Emergency stop

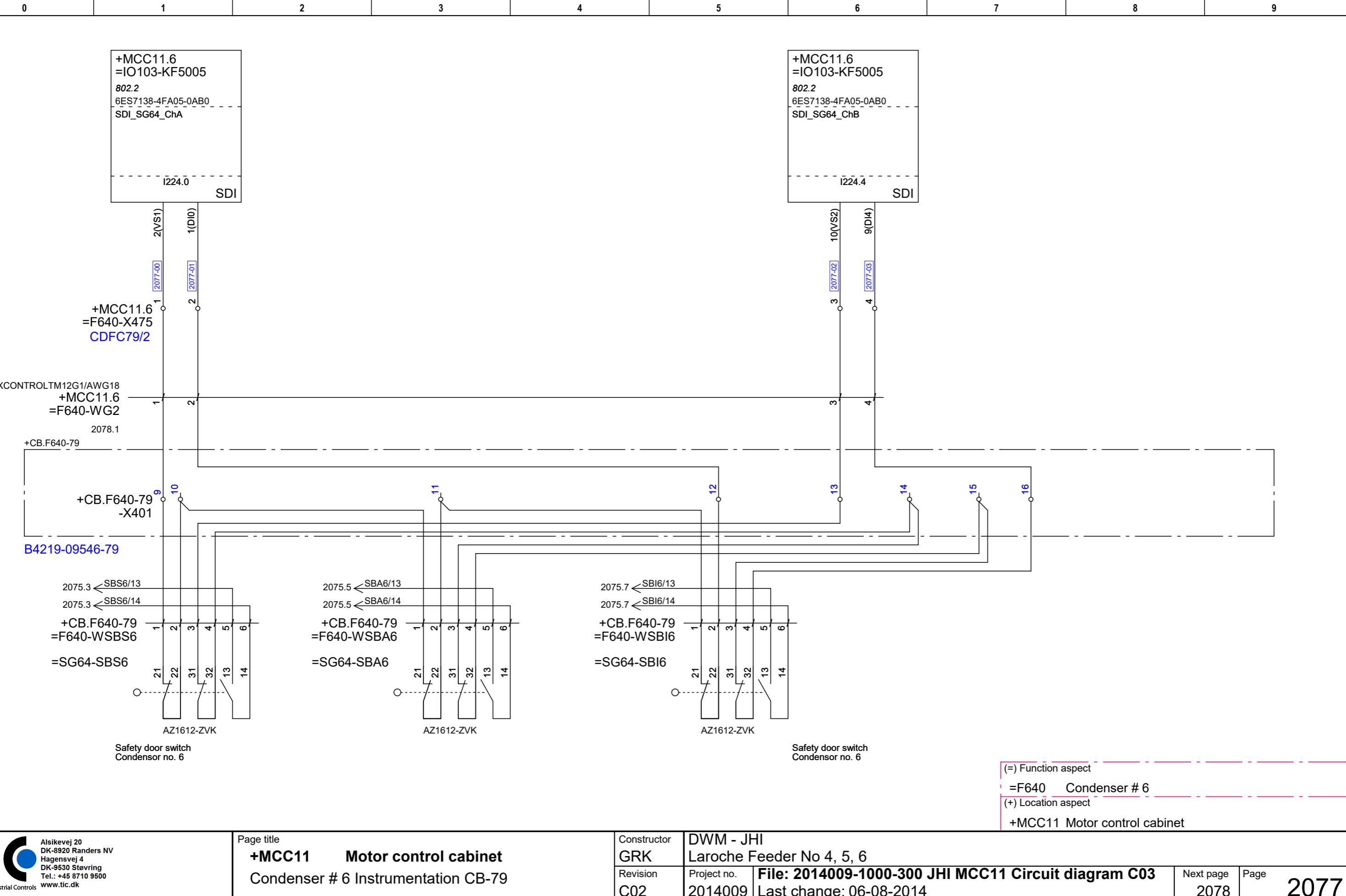
(=) Function aspect
=F640 Condenser # 6
(+) Location aspect
+MCC11 Motor control cabinet

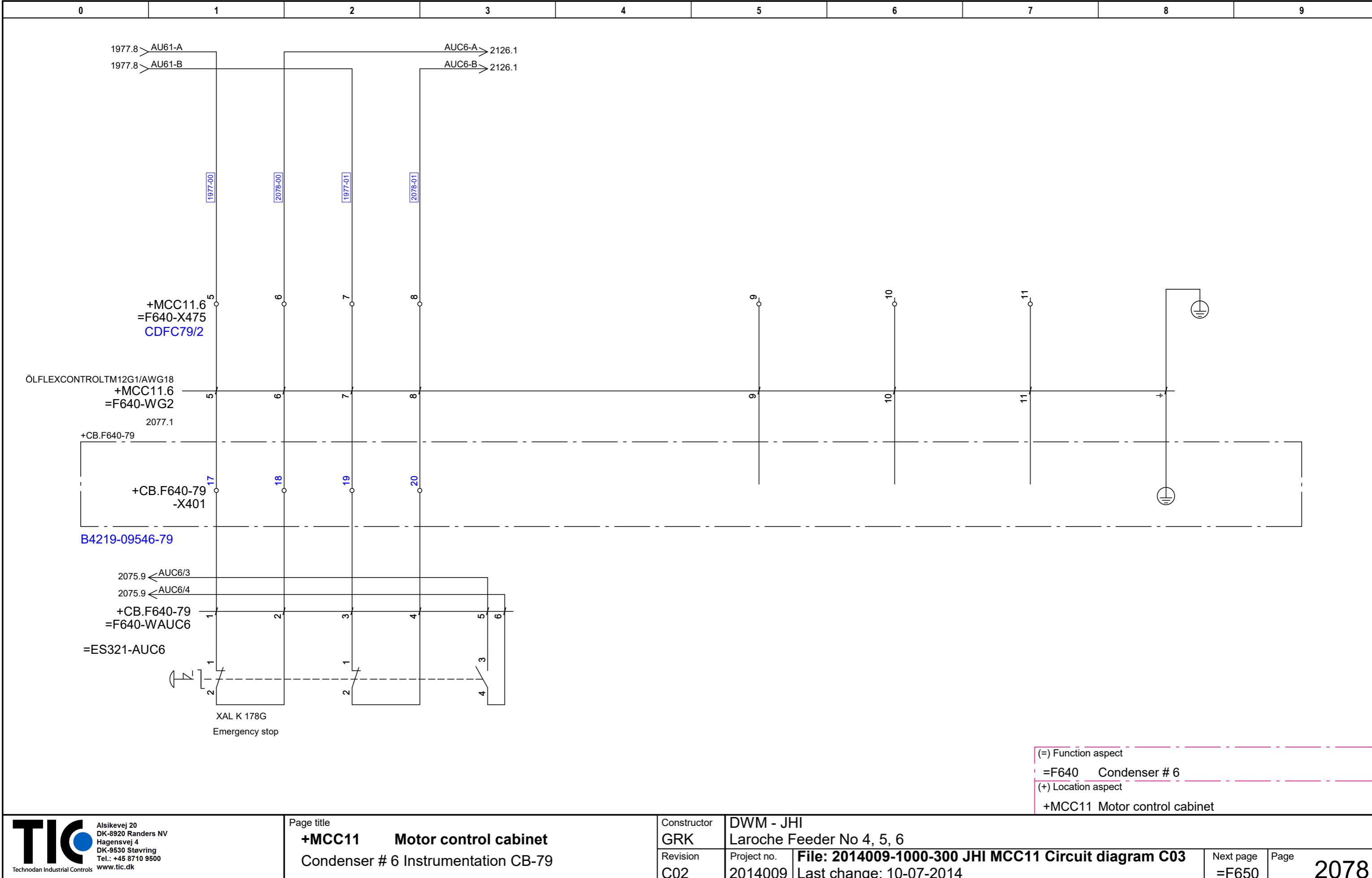
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B4219-09546-79

(=) Function aspect
 =F640 Condenser # 6
 (+) Location aspect
 +MCC11 Motor control cabinet



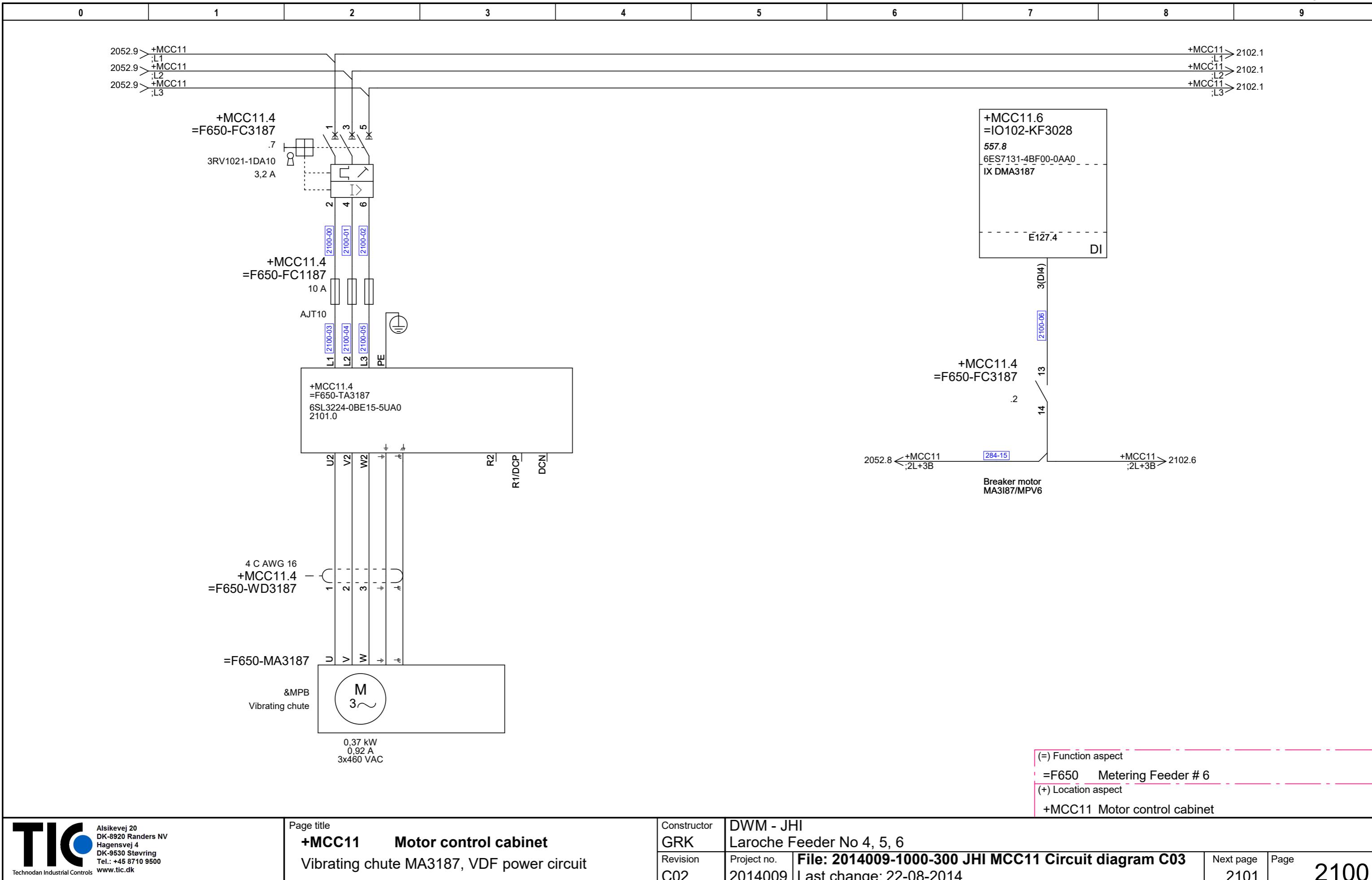


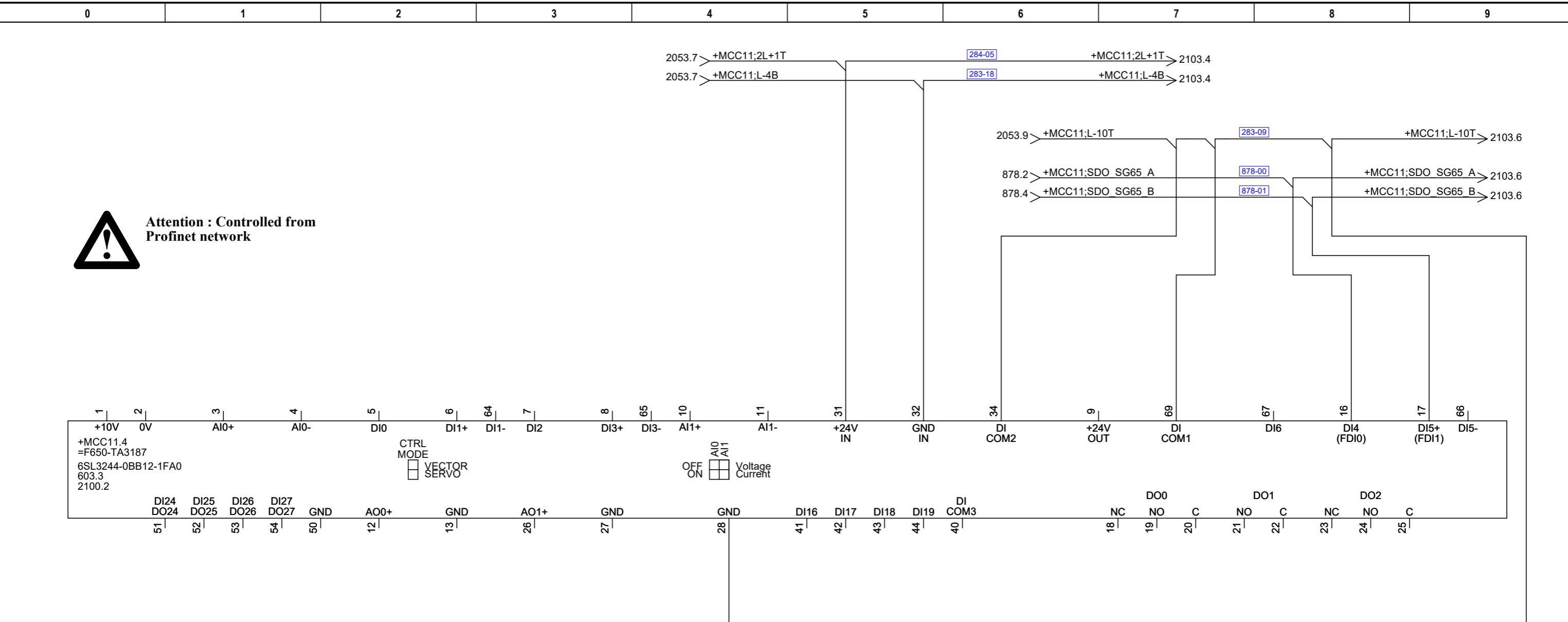
Metering Feeder # 6

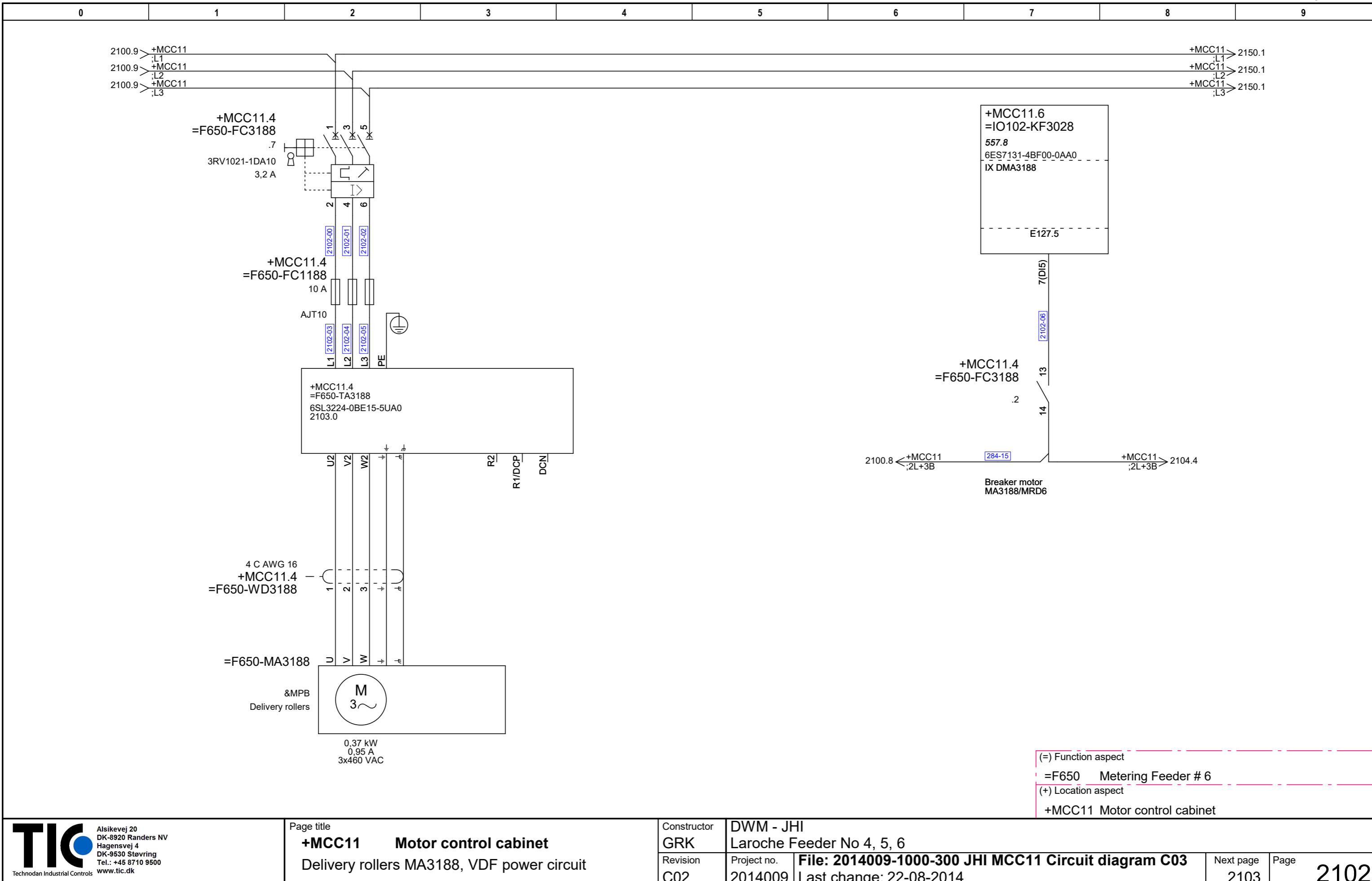


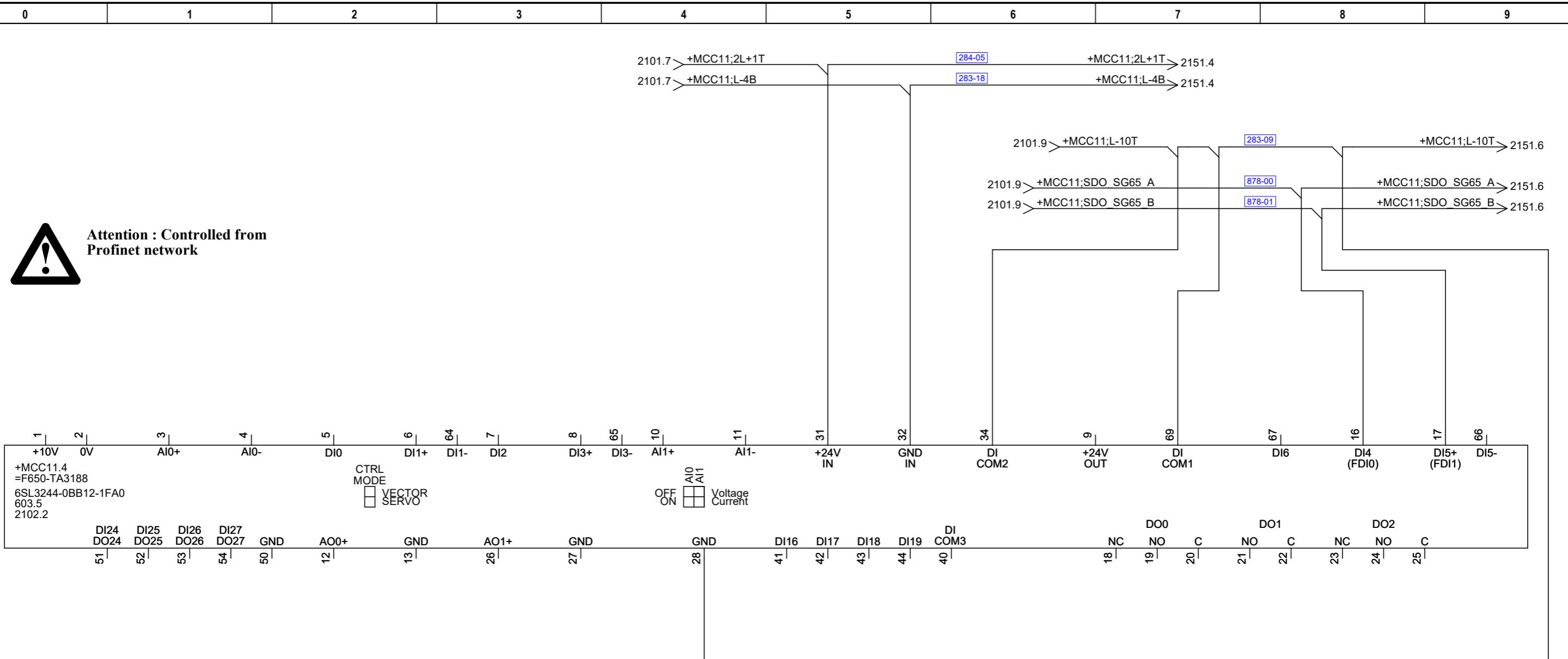
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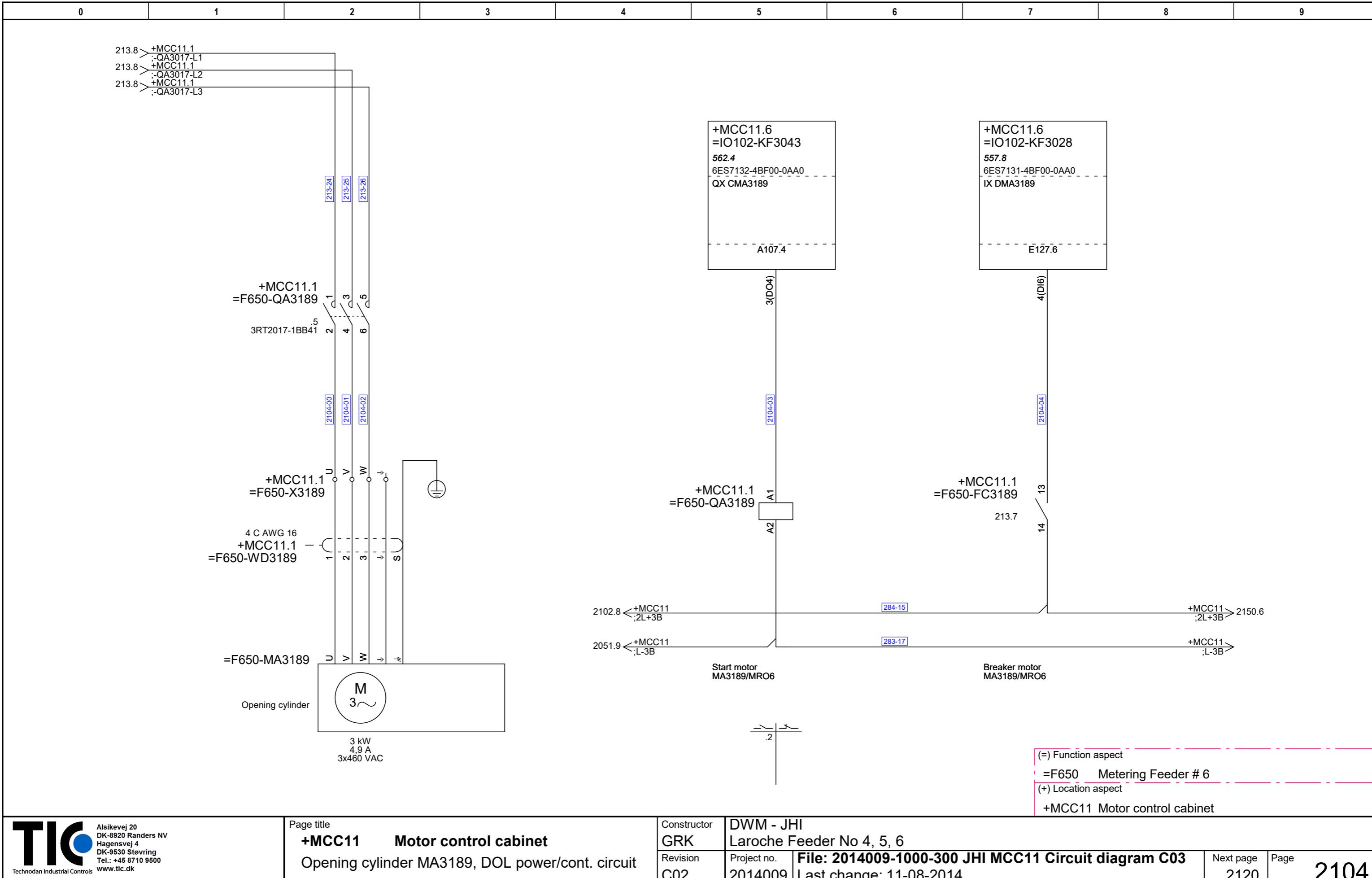


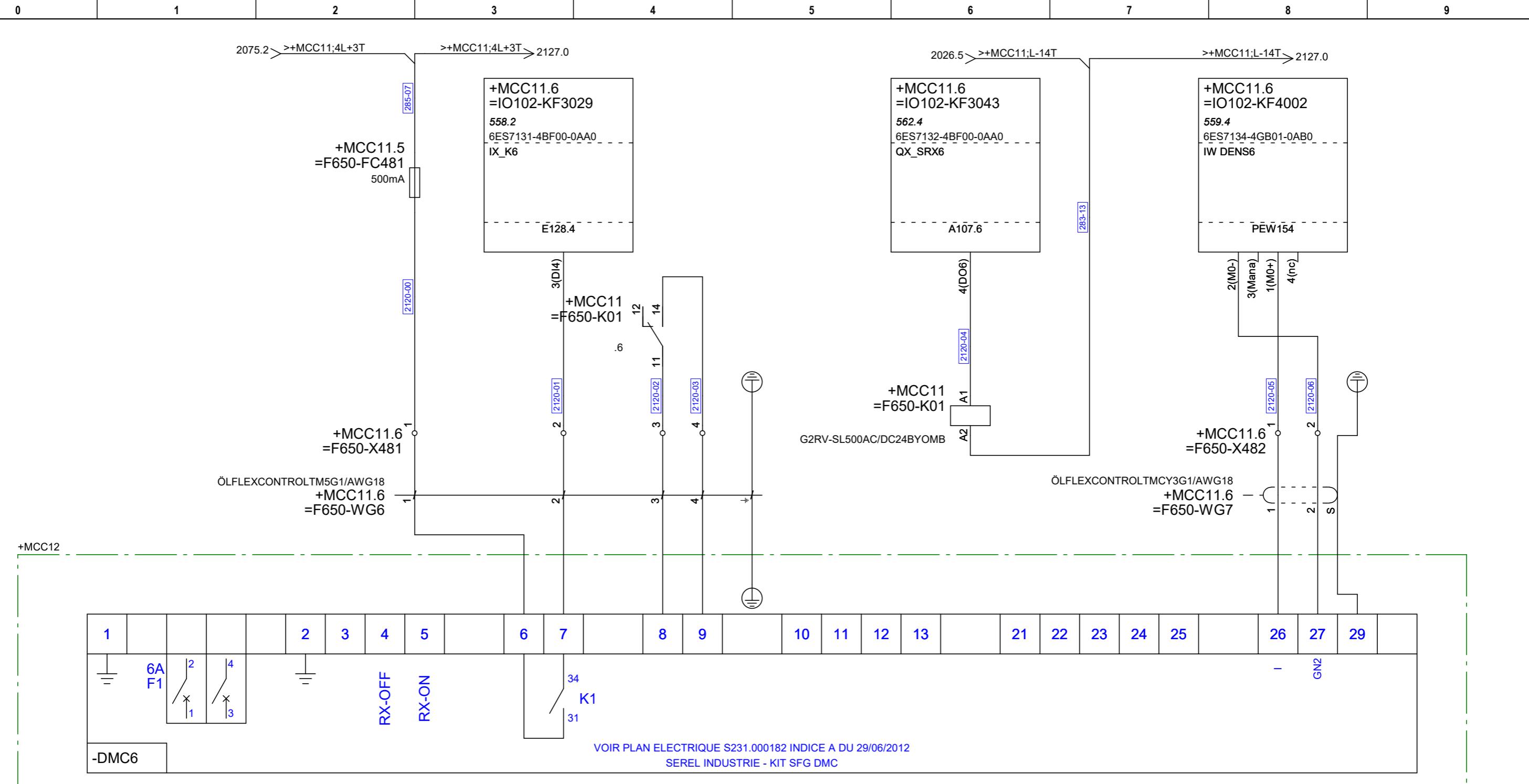






- (=) Function aspect
- =F650 Metering Feeder # 6
- (+) Location aspect
- +MCC11 Motor control cabinet





X-ray system ready

X-ray system on

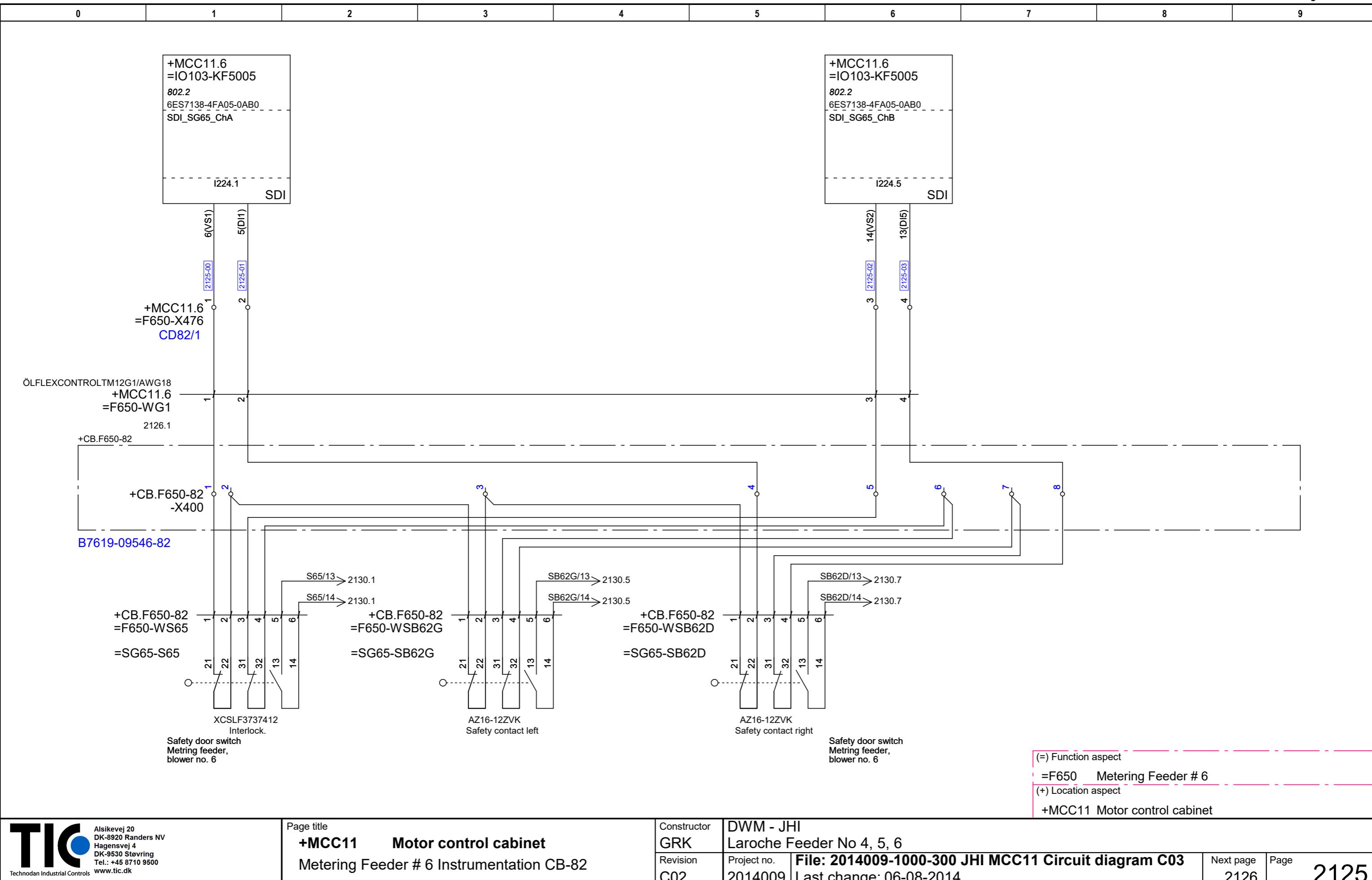
Density analog signal (4-20mA) X-ray system n°6

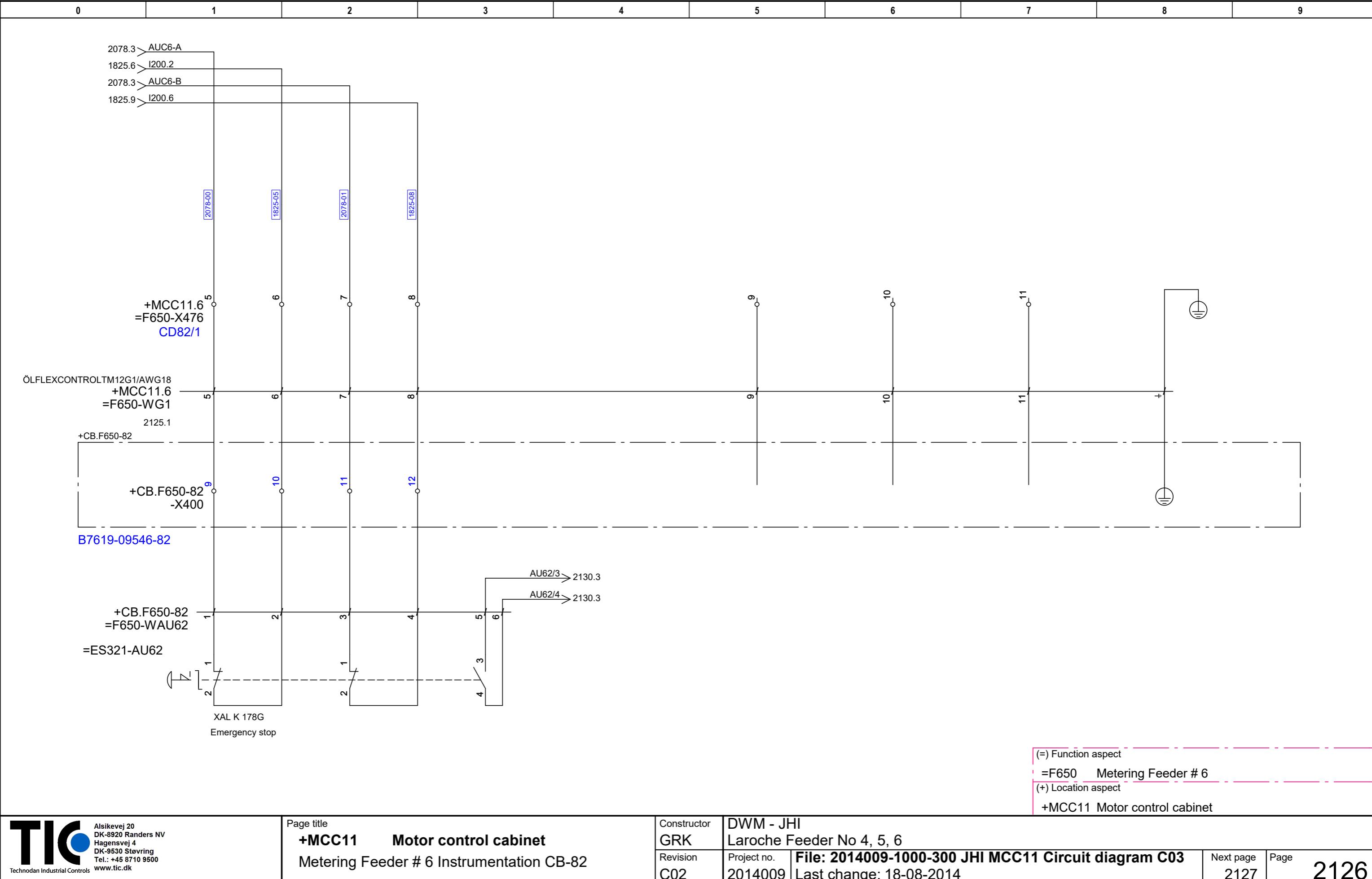
(=) Function aspect

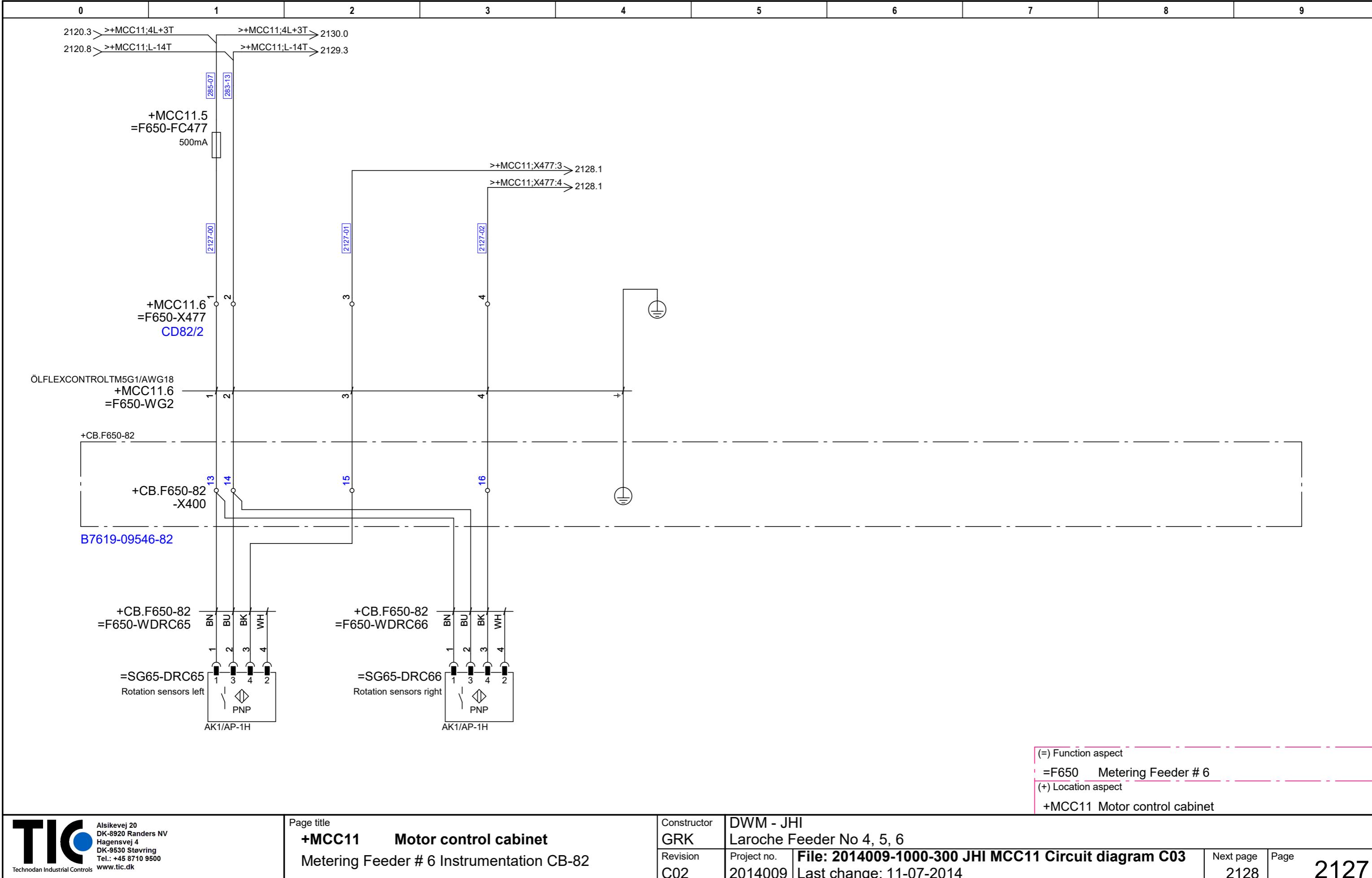
=F650 Metering Feeder # 6

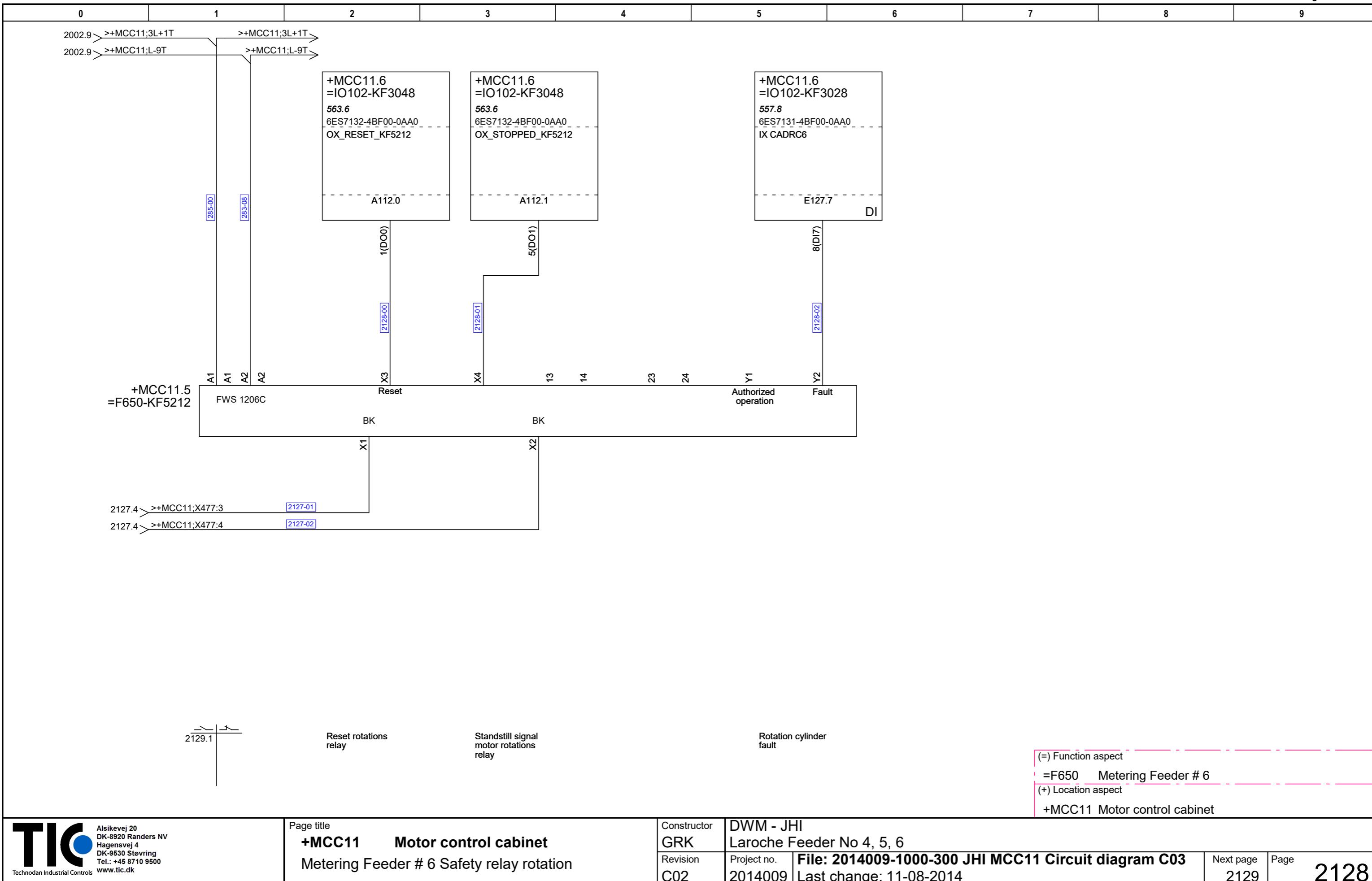
(+) Location aspect

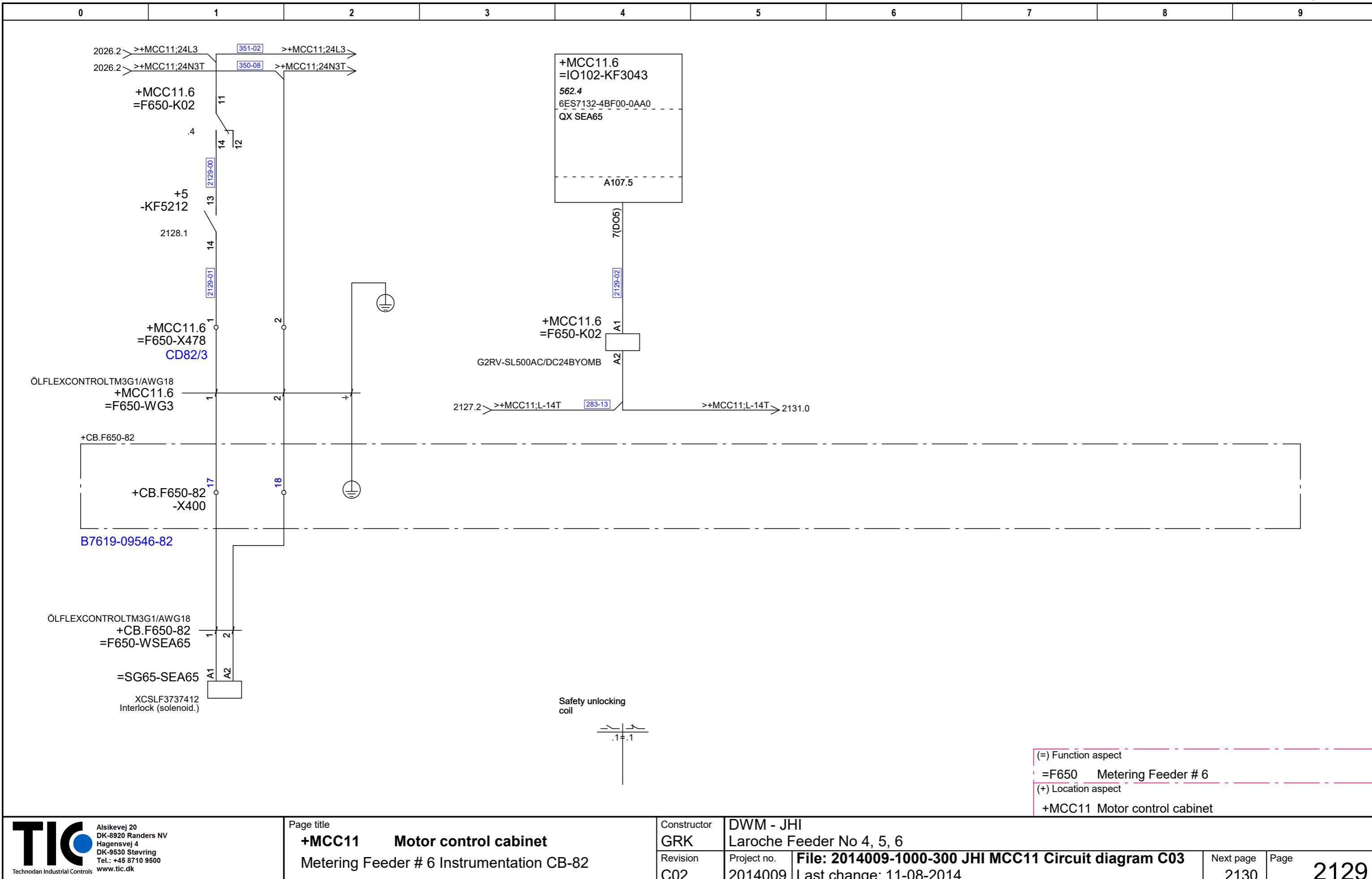
+MCC11 Motor control cabinet

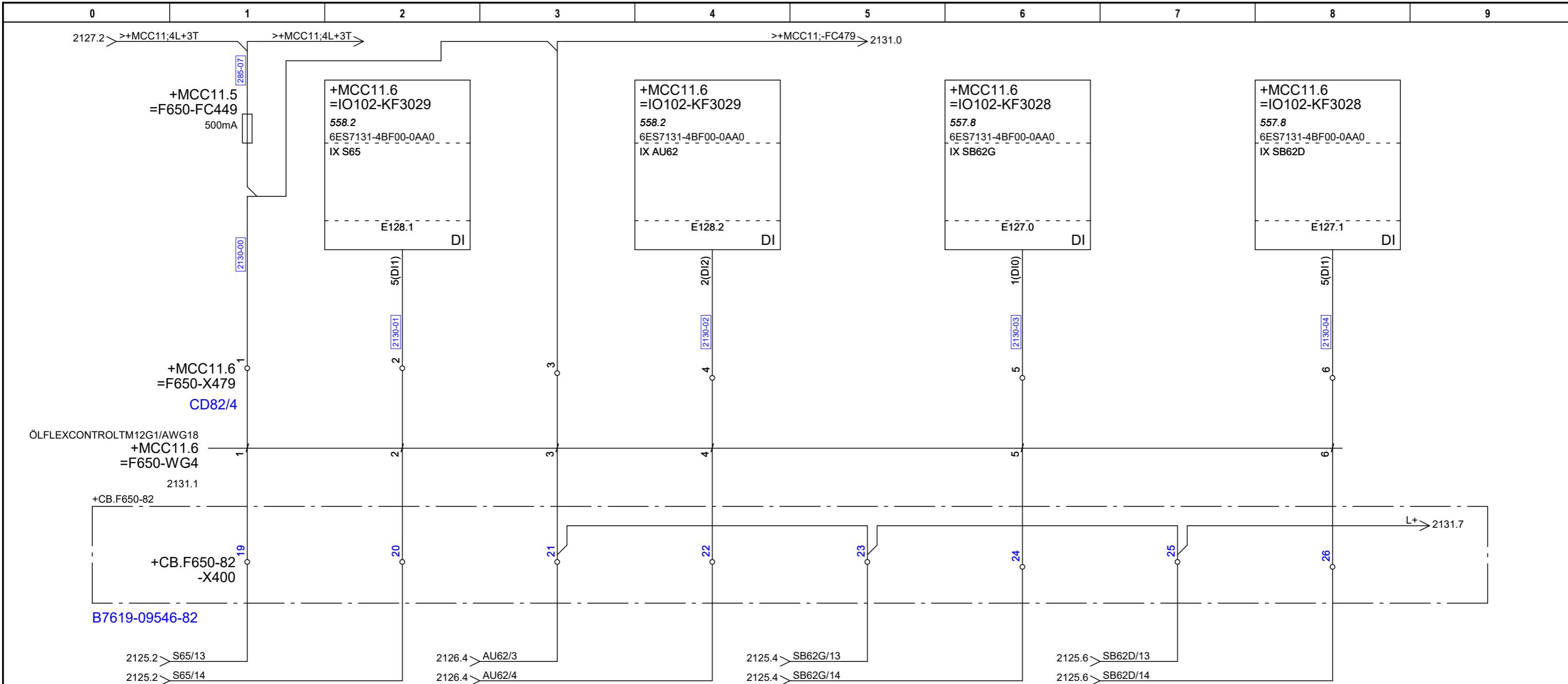












Safety door

Emergency stop

Left side chute safety door

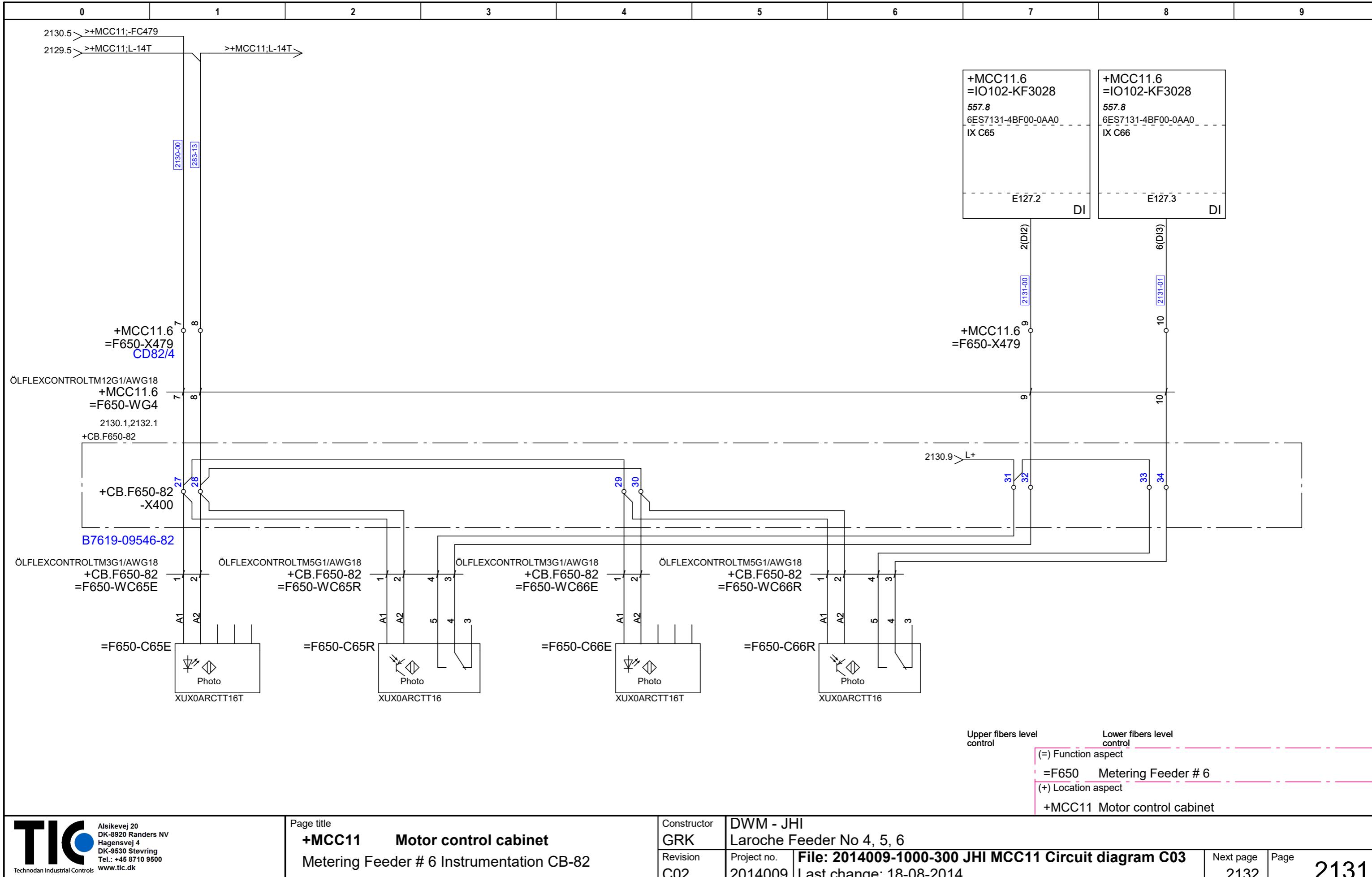
Right side chute safety door

(=) Function aspect

=F650 Metering Feeder # 6

(+) Location aspect

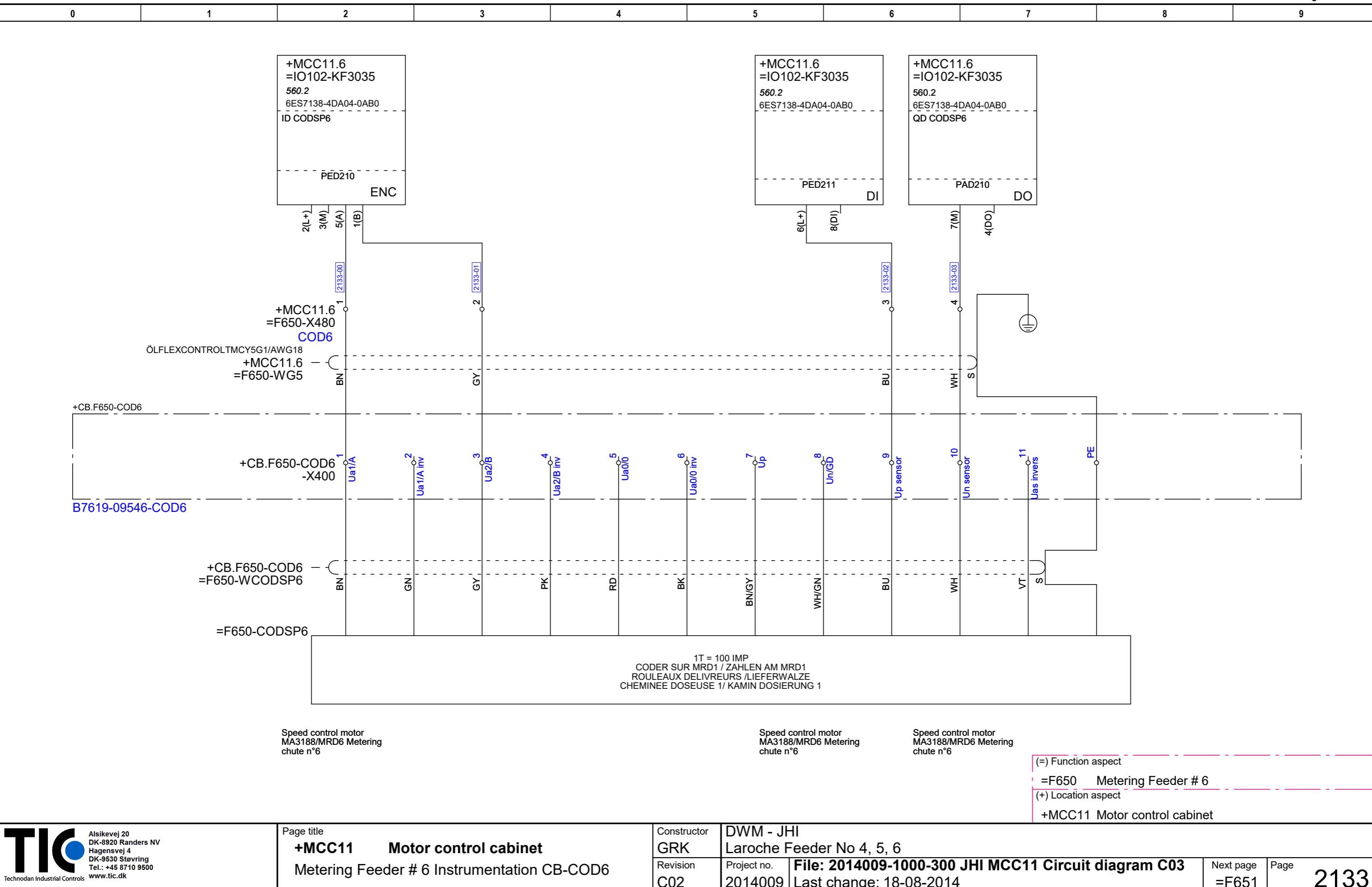
+MCC11 Motor control cabinet



0	1	2	3	4	5	6	7	8	9
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(=) Function aspect
 =F650 Metering Feeder # 6
 (+) Location aspect
 +MCC11 Motor control cabinet

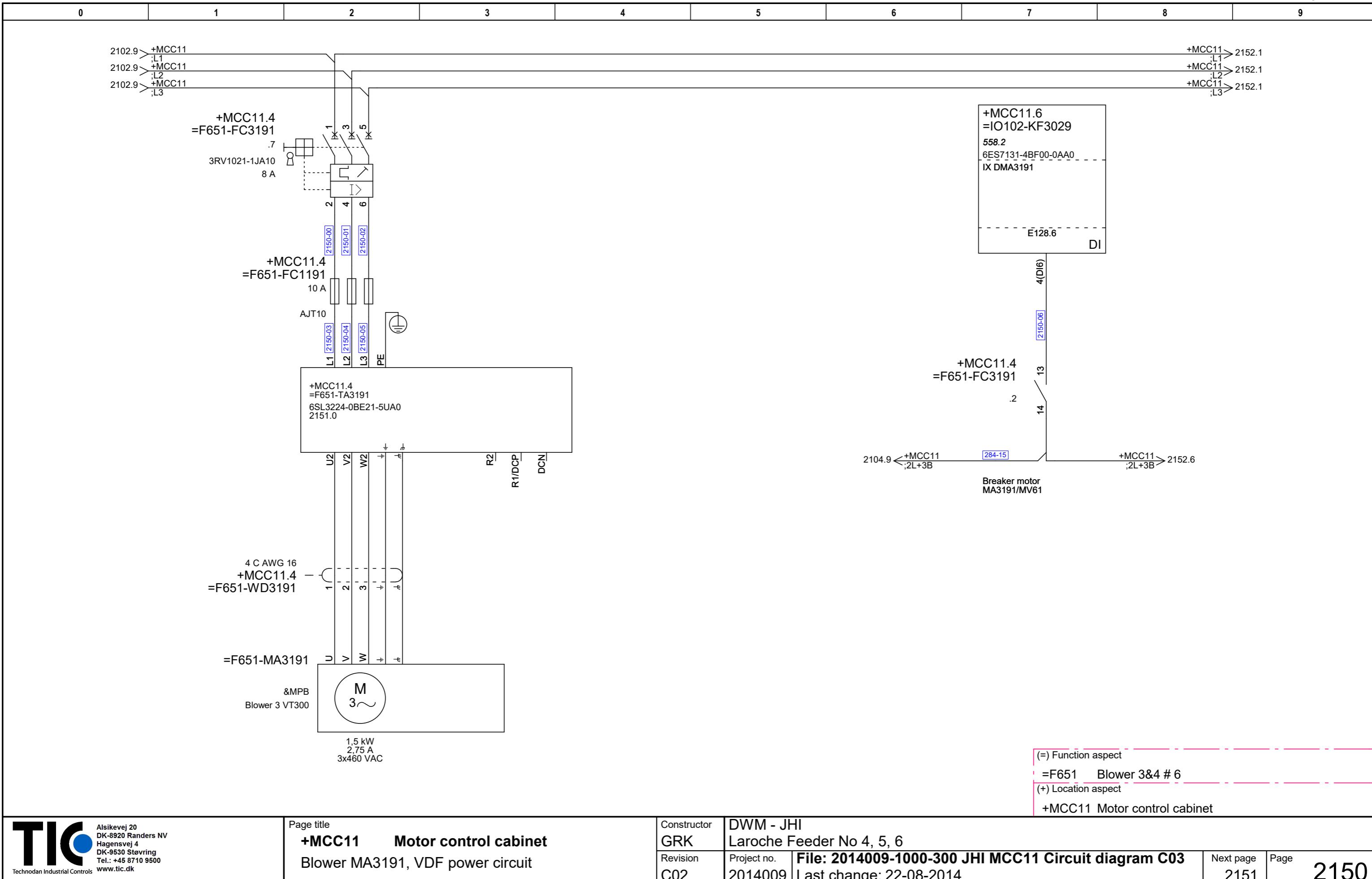


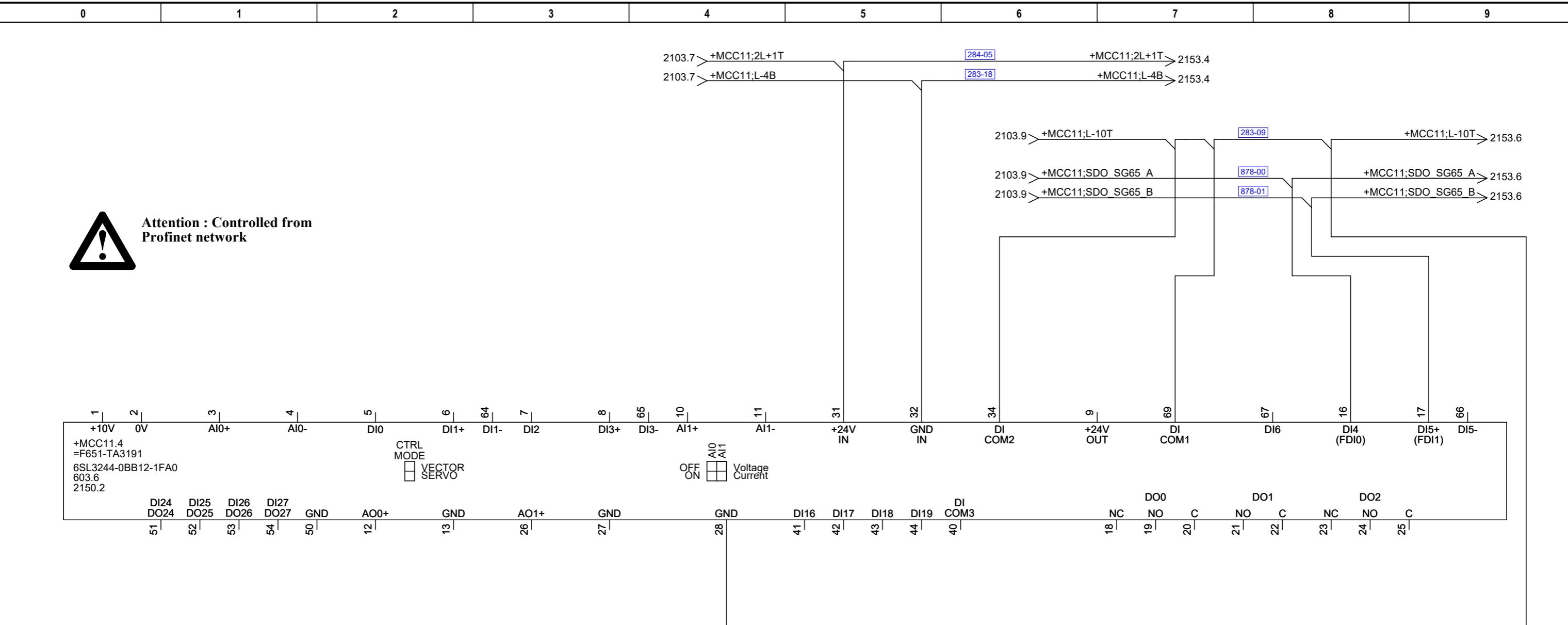
Blower 3&4 # 6



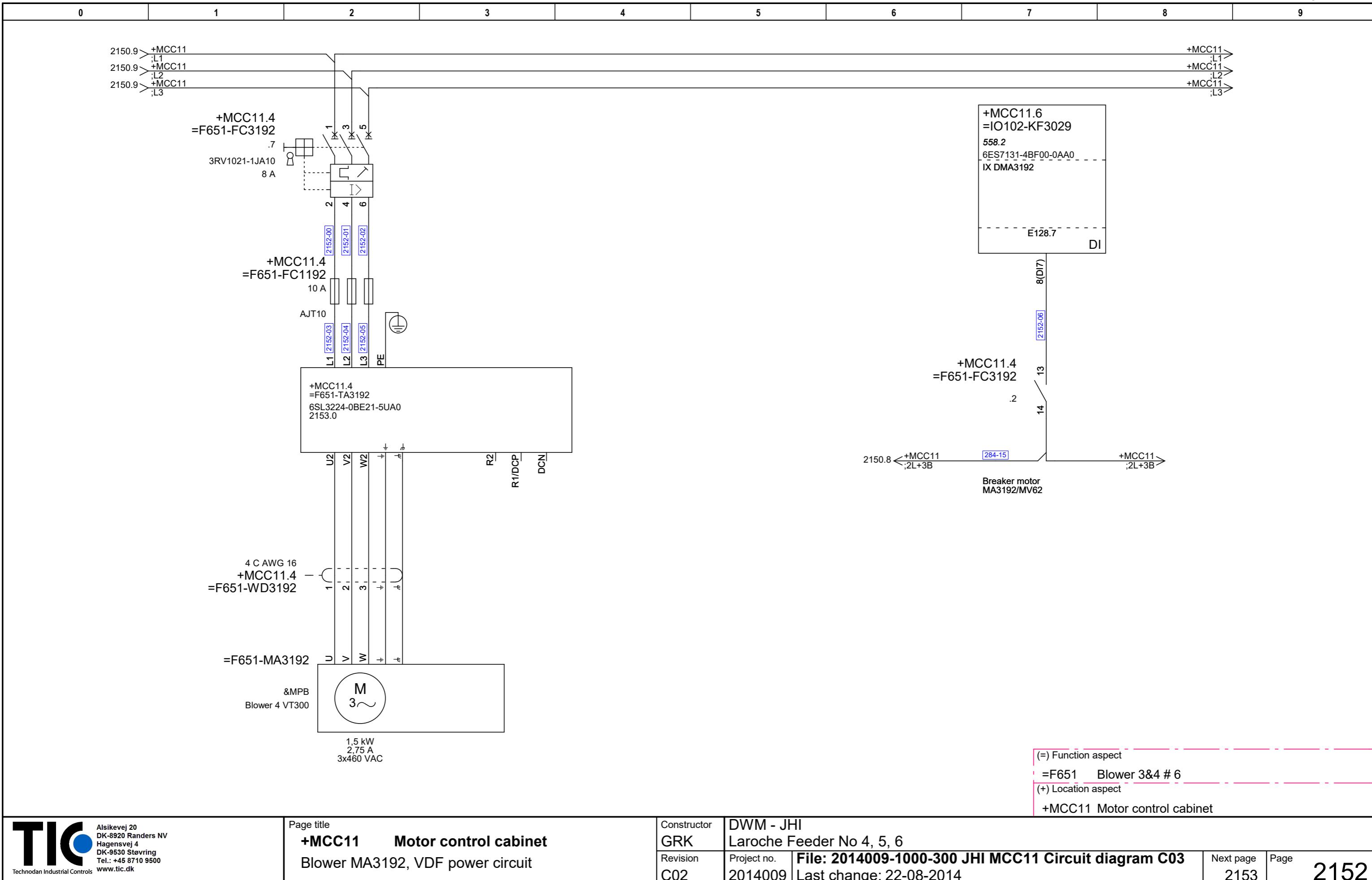
Technodan Industrial Controls

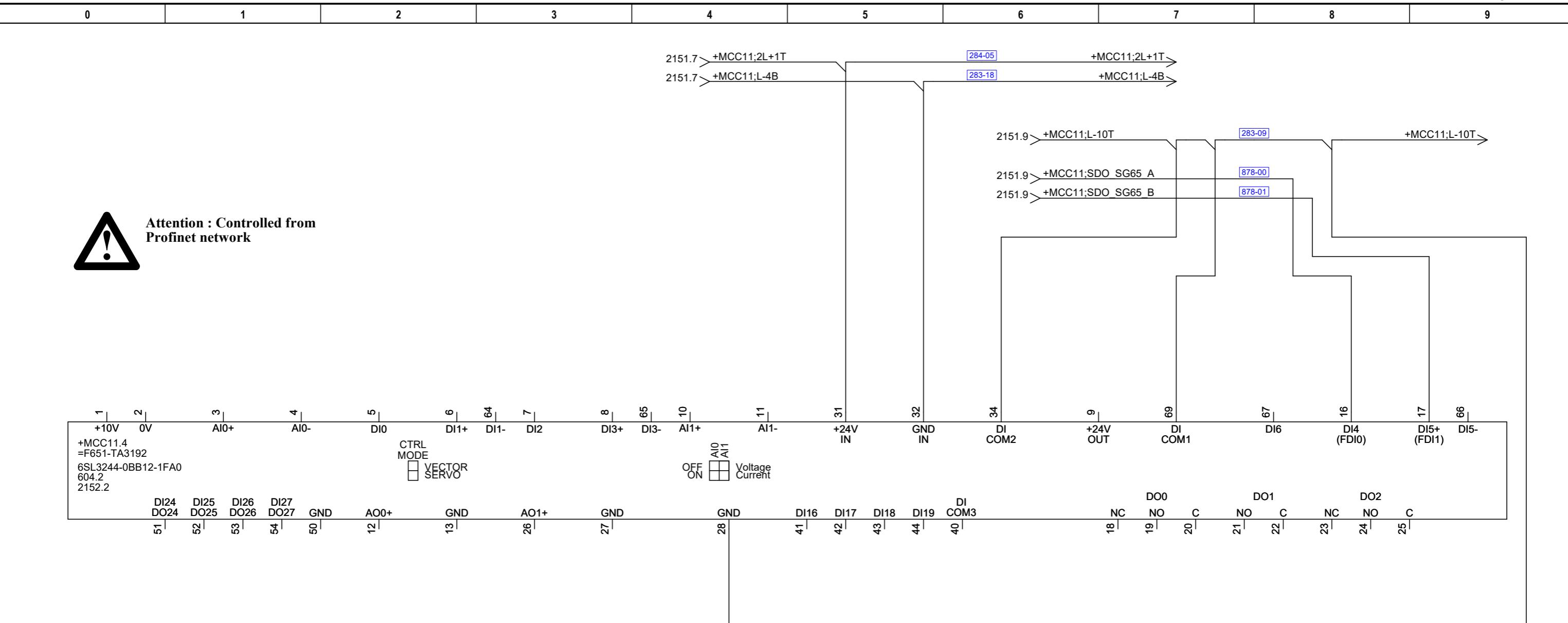
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(=) Function aspect
 =F651 Blower 3&4 # 6
 (+) Location aspect
 +MCC11 Motor control cabinet





(=) Function aspect
 =F651 Blower 3&4 # 6
 (+) Location aspect
 +MCC11 Motor control cabinet