

产品型号： MBDYXM18
PRODUCT TYPE:

产品名称： 液压控制箱
PRODUCT NAME: HYDRAULIC CONTROL BOX

电 气 部 分 图 样
ELECTRIC DRAWING

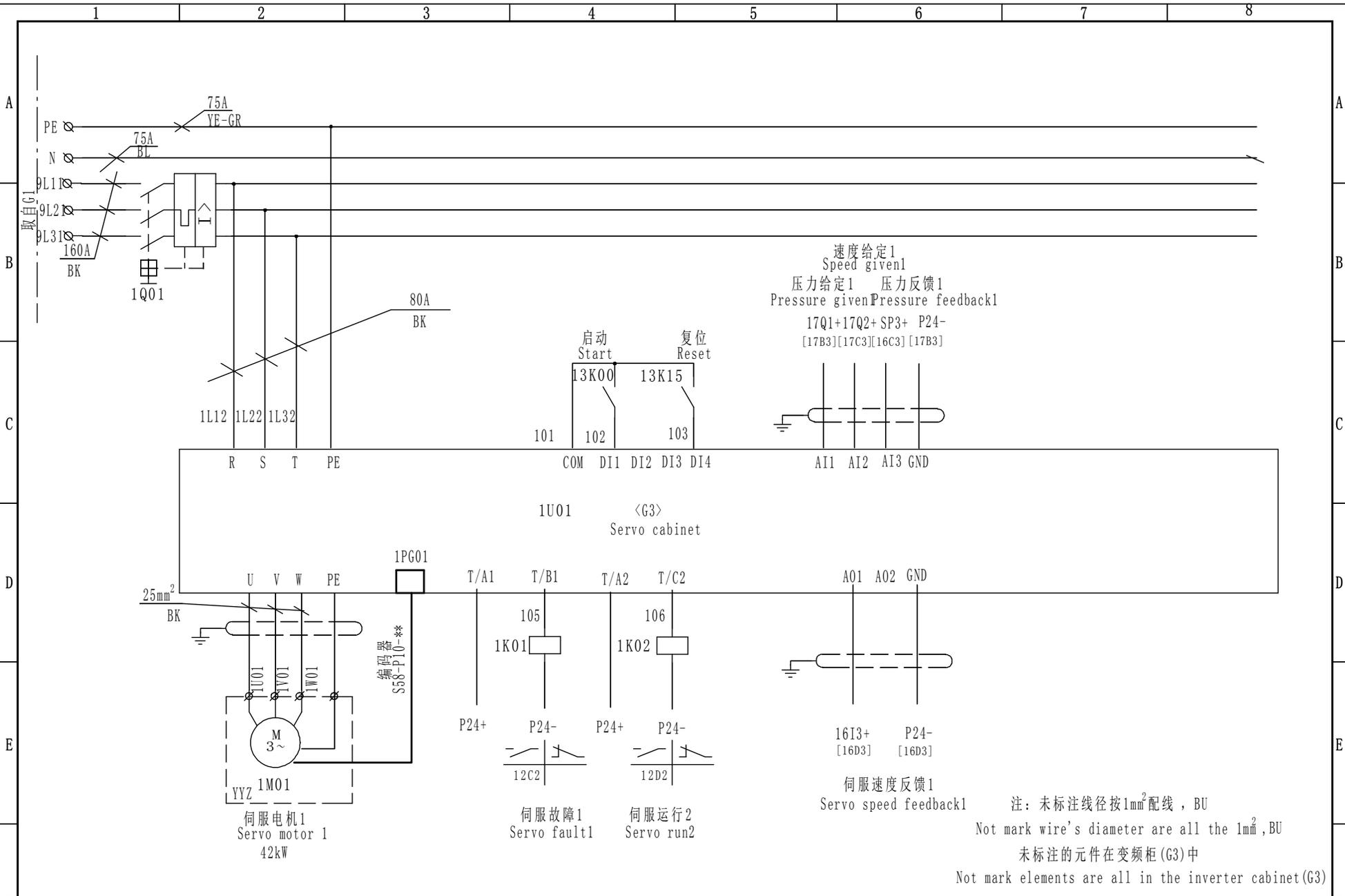
大连橡胶塑料机械有限公司
DALIAN RUBBER & PLASTICS MACHINERY CO., LTD
中国 . 大连
CHINA . DALIAN

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| A | 序号 | 代号 Code | 名称 Name | 张数 Q'ty | 幅面 Size | 备注 Remark | | | | | |
| | 1 | | 全套电气设备总布置图明细 | 1 | | 1/1 | | | | | |
| | 2 | | 电气原理图 Principle diagram of electric system | 16 | | 1~8、11~18 | | | | | |
| | 3 | | 电气原理图明细List of principle diagram | 2 | | 1~2/2 | | | | | |
| | 4 | | 外部接线图 Connective wire diagram of machine and outer | 5 | | 1~5/5 | | | | | |
| | 5 | MBDYXM18. D. 1 | 操作箱<G3> Operate box | 4 | | 1~4/4 | | | | | |
| B | 6 | | 合计 | 28 | | | | | | | |
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| F | 大连橡胶塑料机械股份有限公司 DALIAN RUBBER & PLASTICS MACHINERY CO., LTD. | | 修改/Modify 批准/Ratify | 设计/Design 校对/Check 审核/Appr. | 崔红波 于超 孙长春 | 标审/Std. 审定/Confirm 日期/Date | 李晓宇 浦松 2025.12 | 全套电气部分 (图样目录) Design electric system of list | MBDYXM18 | 第 1/1 页 Page 共 1 页 Total | 总第 1 页 Sheet |
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| 序号 | 代号 Code | 名称 Name | | | | 张数 Q'ty | 幅面 Size | | 备注 Remark | | | | | | |
| 1 | | 全套电气设备总布置图明细 General layout of electric equipment list | | | | 1 | | | 1 | | | | | | |
| 2 | | 电气原理图 Principle diagram of electric system | | | | 16 | | | 1~8、11~18 | | | | | | |
| 3 | | 电气原理图明细 List of principle diagram | | | | 2 | | | 1~2/2 | | | | | | |
| 4 | | 外部接线图 Connective wire diagram of machine and outer | | | | 5 | | | 1~5/5 | | | | | | |
| 5 | MBDYXM18. D. 1 | 操作箱<G3> Operate box | | | | 3 | | | 1~3/4 | | | | | | |
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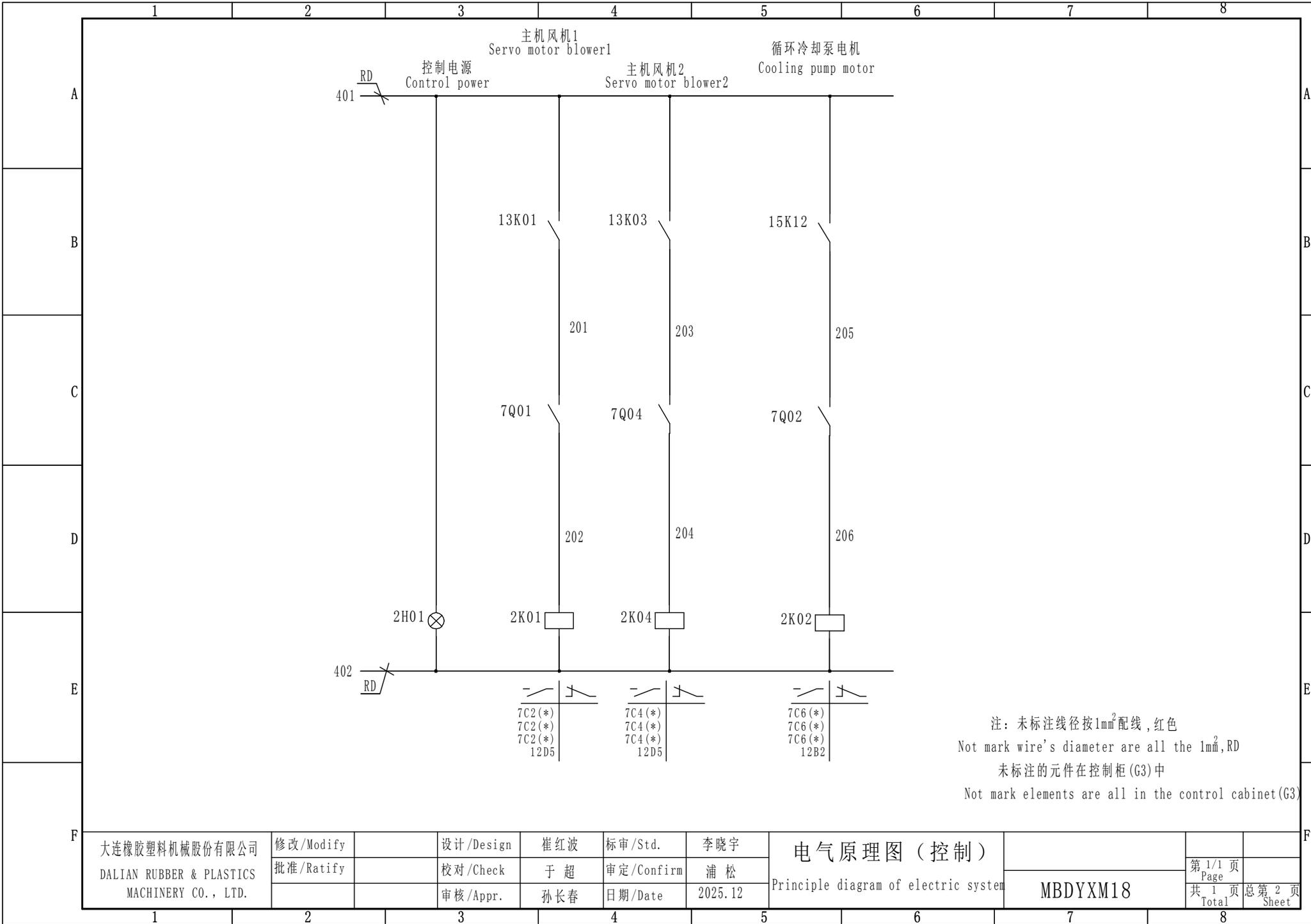
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| | 批准/Ratify | | 校对/Check | 于超 | 审定/Confirm | 浦松 | | | 共 1 页 | 总第 1 页 |
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| A | 序号 No | 符号 Mark | 型号或代号 Model | | 名称 Name | | 技术规格 Specification | | | 数量 Qty | 备注 Remark | | | | | |
| | 1 | MBDYXM17.D.1 | | | 控制箱<G3>/Operate box<G3> | | (宽×厚×高) 800×800×2100 (mm) (W*D*H) | | | 1 | 外购 Outsourcing | | | | | |
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| | | | 批准/Ratify | | 校对/Check | 于超 | 审定/Confirm | 浦松 | | | | | | 共 1 页 | | |
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注: 未标注线径按1mm²配线, BU
 Not mark wire's diameter are all the 1mm², BU
 未标注的元件在变频器(G3)中
 Not mark elements are all in the inverter cabinet(G3)

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| | | 批准/Ratify | 校对/Check | 于超 | 审定/Confirm | 浦松 | | | | |
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注: 未标注线径按1mm²配线, 红色
 Not mark wire's diameter are all the 1mm², RD
 未标注的元件在控制柜(G3)中
 Not mark elements are all in the control cabinet(G3)

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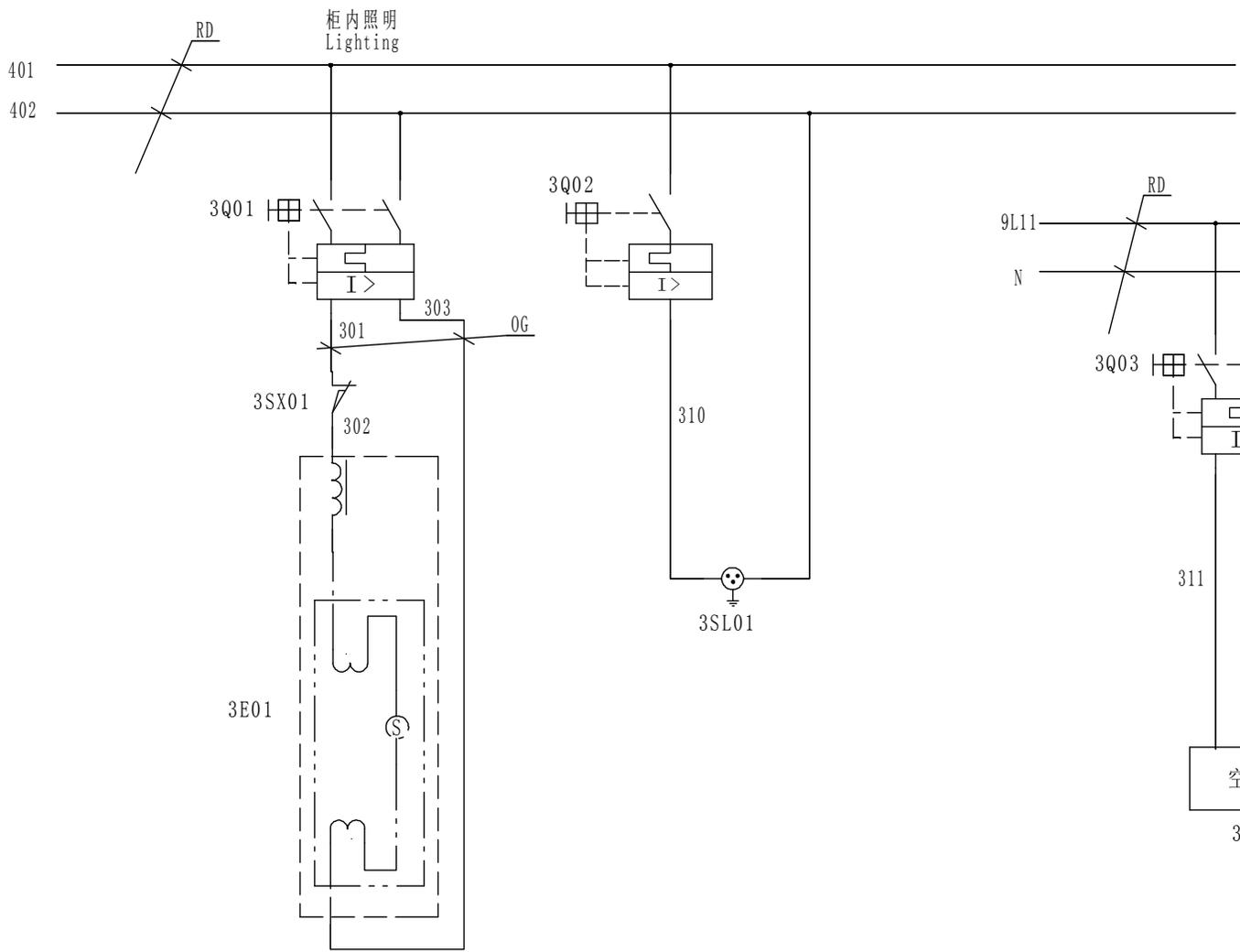
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注：未标注线径按1mm²配线

Not mark wire's diameter are all the 1mm²

未标注的元件在控制柜(G3)中

Not mark elements are all in the control cabinet(G3)

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| 标审/Std. | 李晓宇 |
| 审定/Confirm | 浦松 |
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| 电气原理图（照明） | |
| Principle diagram of electric system | |

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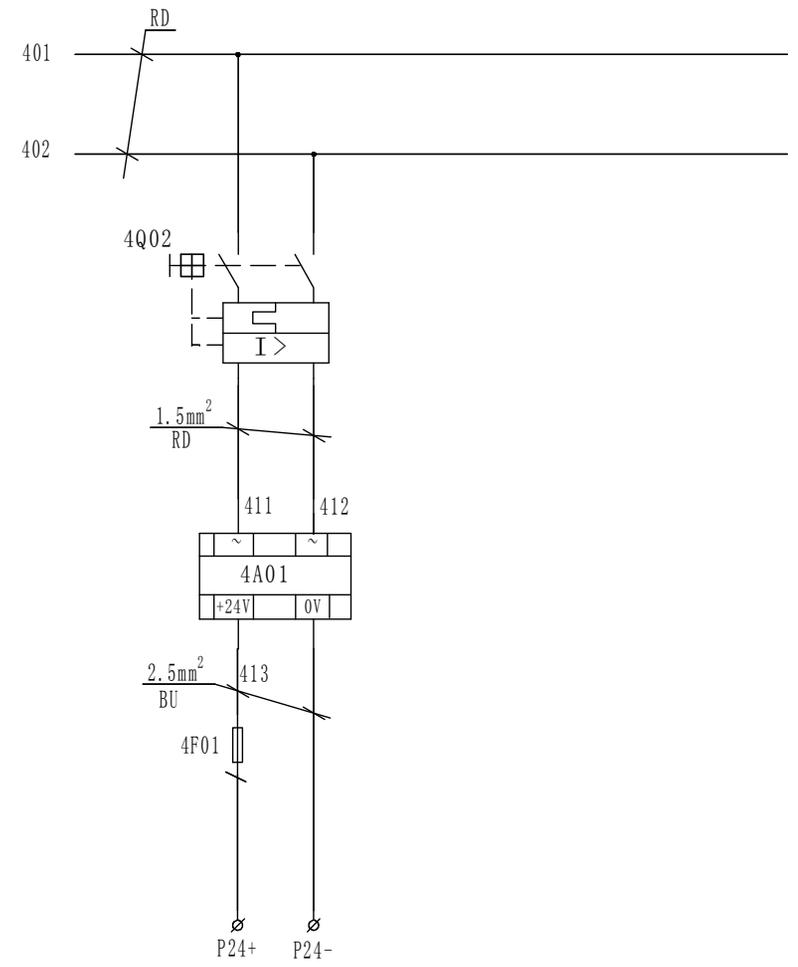
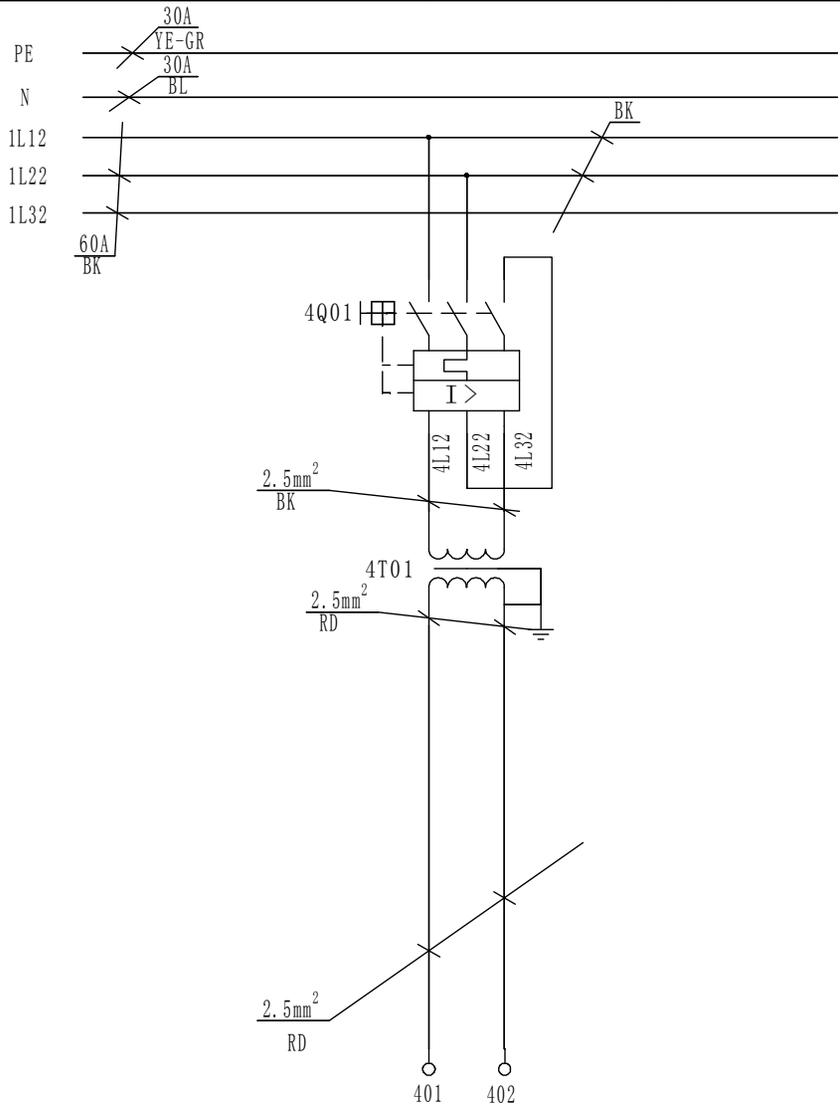
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注：未标注线径按1mm²配线

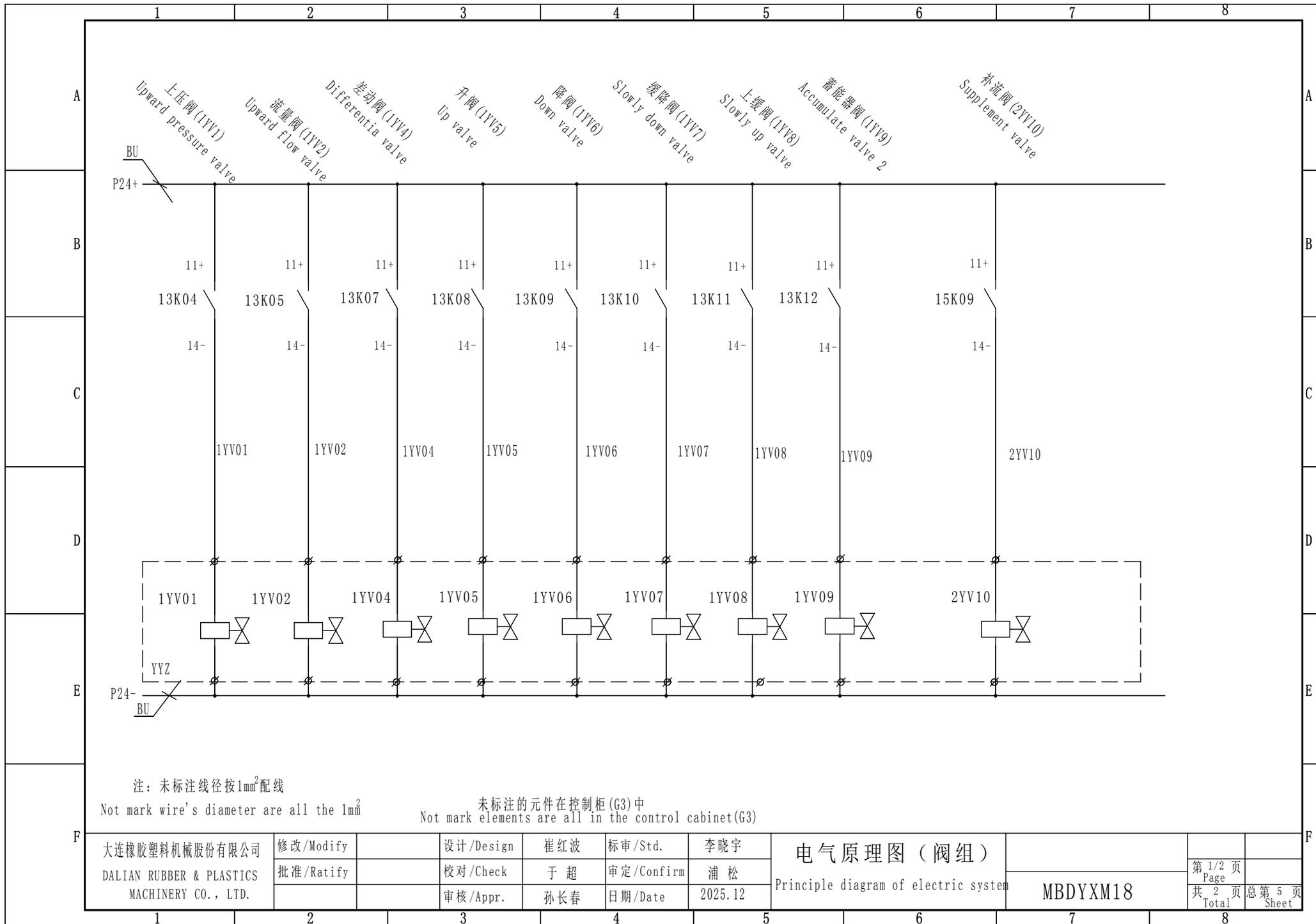
Not mark wire's diameter are all the 1mm²

未标注的元件在控制柜(G3)中

Not mark elements are all in the control cabinet(G3)

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| | 批准/Ratify | | 校对/Check | 于超 | 审定/Confirm | 浦松 | | | Page | |
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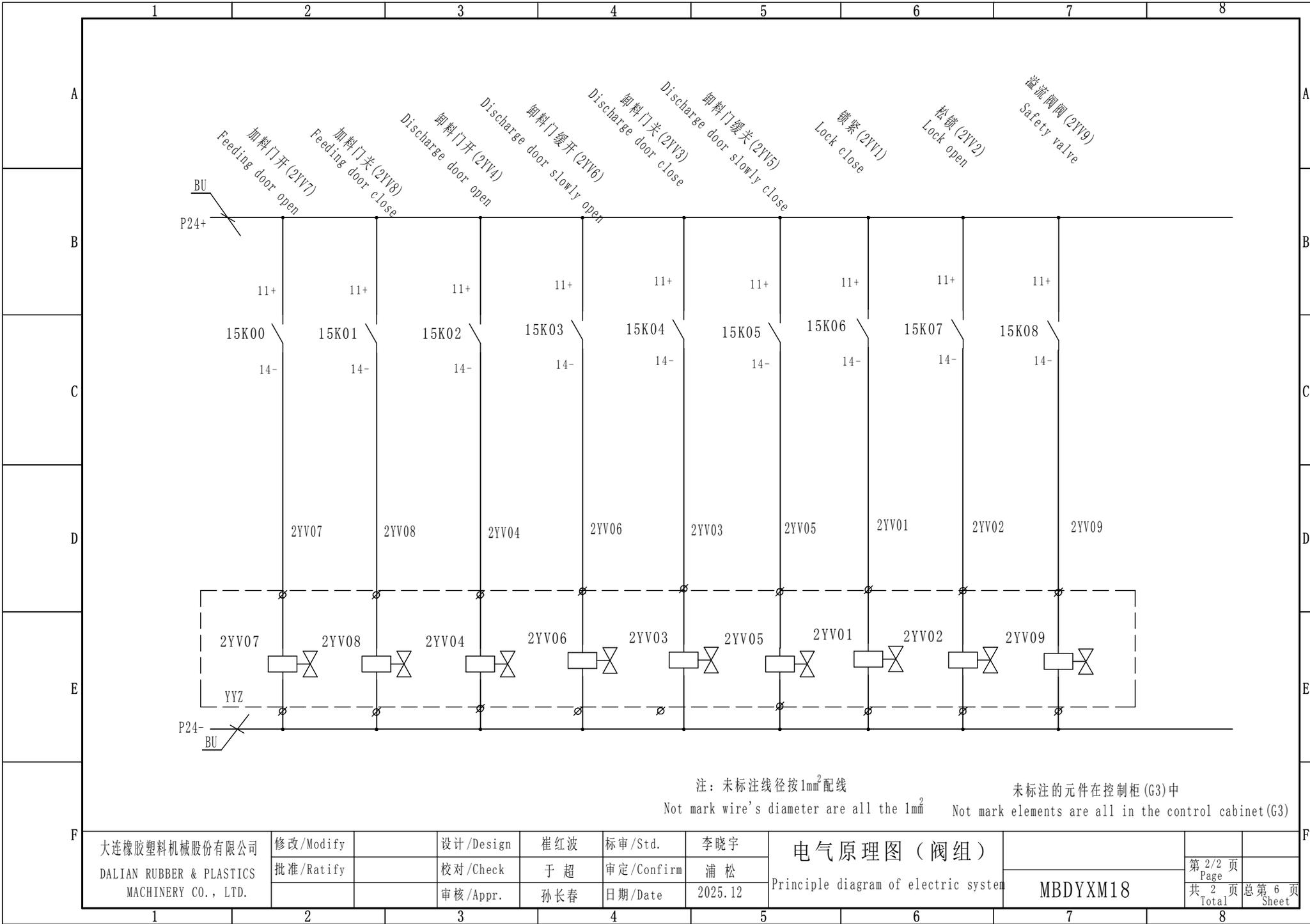
注：未标注线径按1mm²配线

Not mark wire's diameter are all the 1mm²

未标注的元件在控制柜(G3)中

Not mark elements are all in the control cabinet(G3)

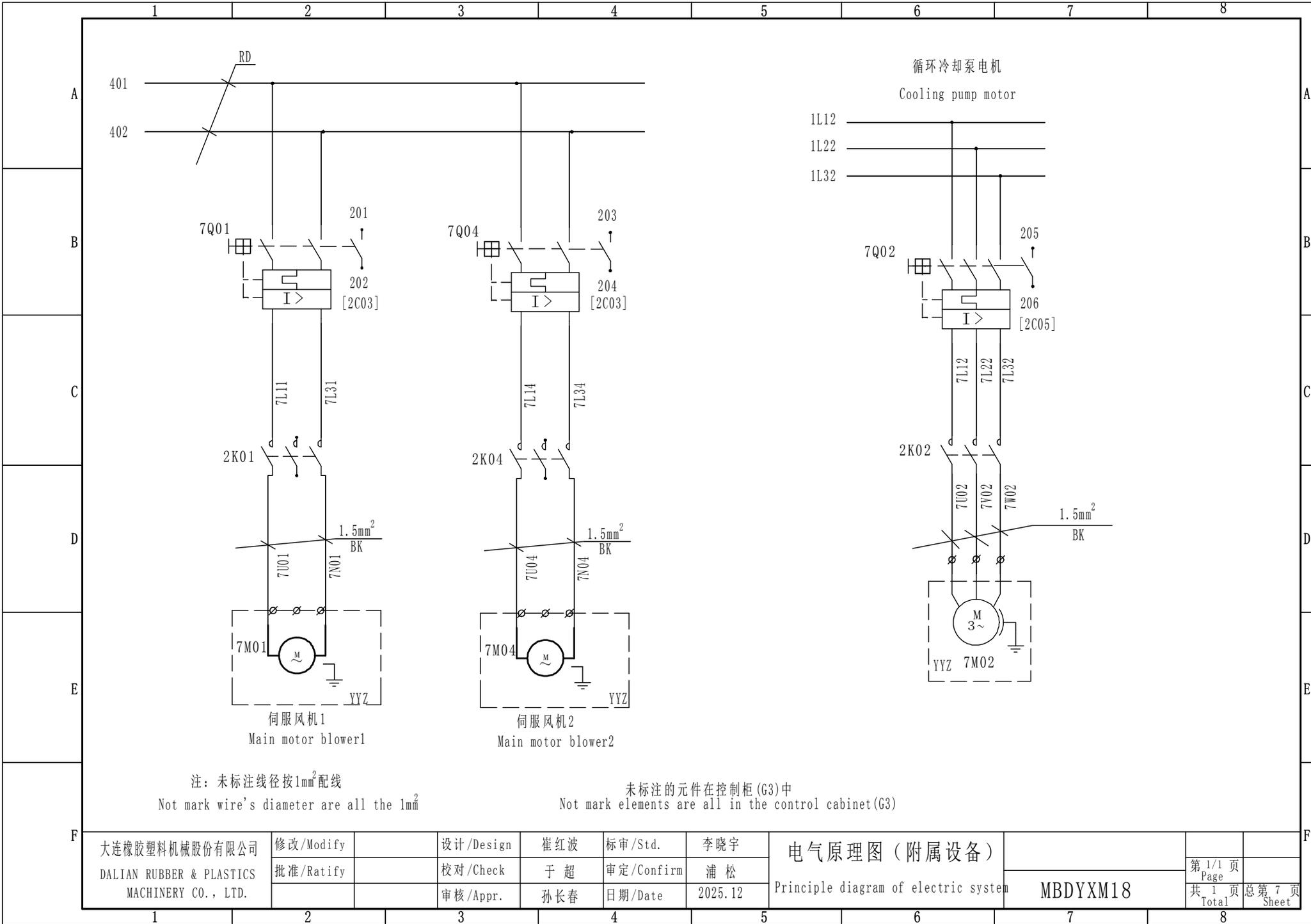
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注：未标注线径按1mm²配线
 Not mark wire's diameter are all the 1mm²

未标注的元件在控制柜 (G3) 中
 Not mark elements are all in the control cabinet (G3)

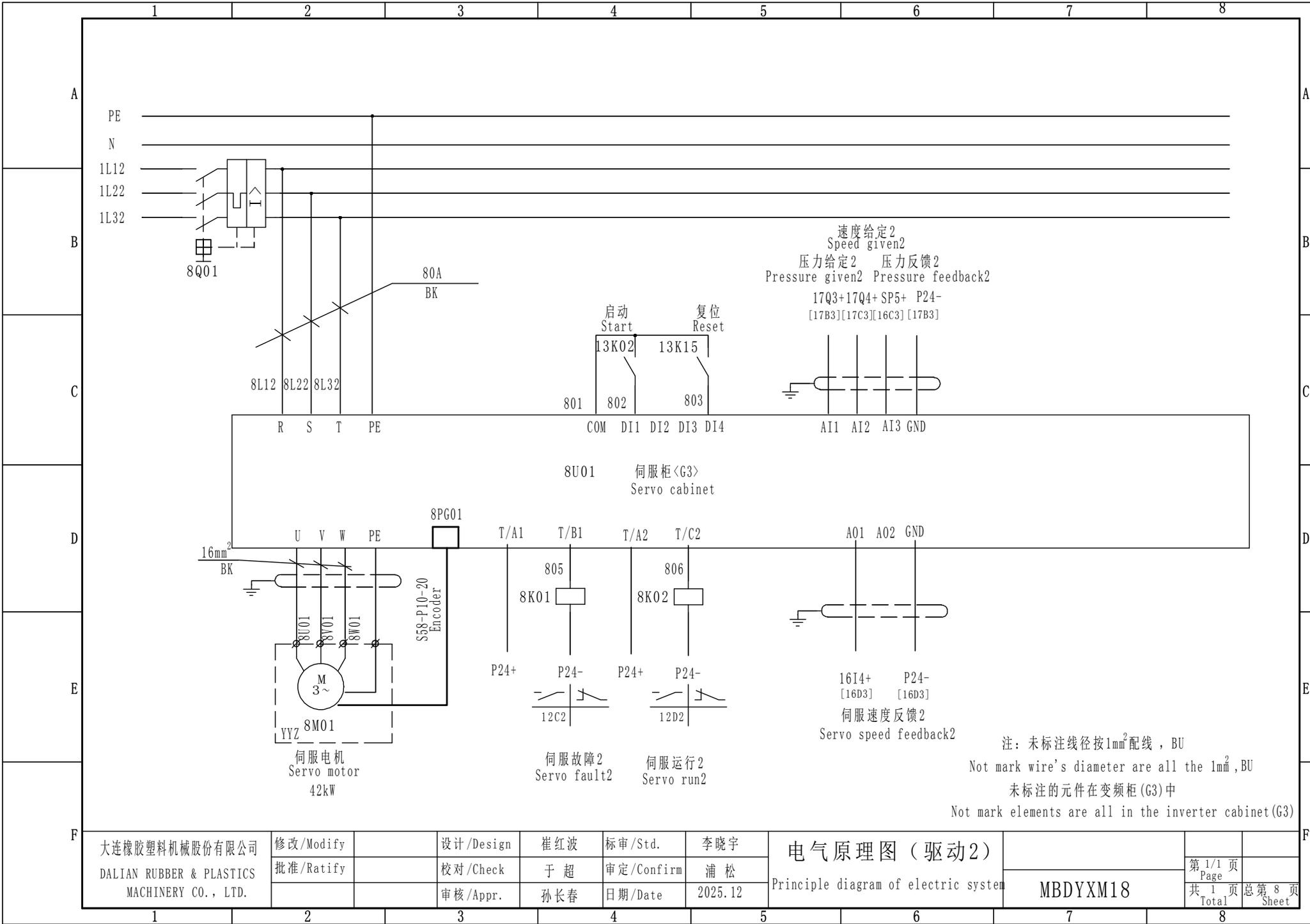
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| | 批准/Ratify | 校对/Check | 于超 | 审定/Confirm | 浦松 | | | 共 2 页 Total | 总第 6 页 Sheet |
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注：未标注线径按1mm²配线
Not mark wire's diameter are all the 1mm²

未标注的元件在控制柜(G3)中
Not mark elements are all in the control cabinet(G3)

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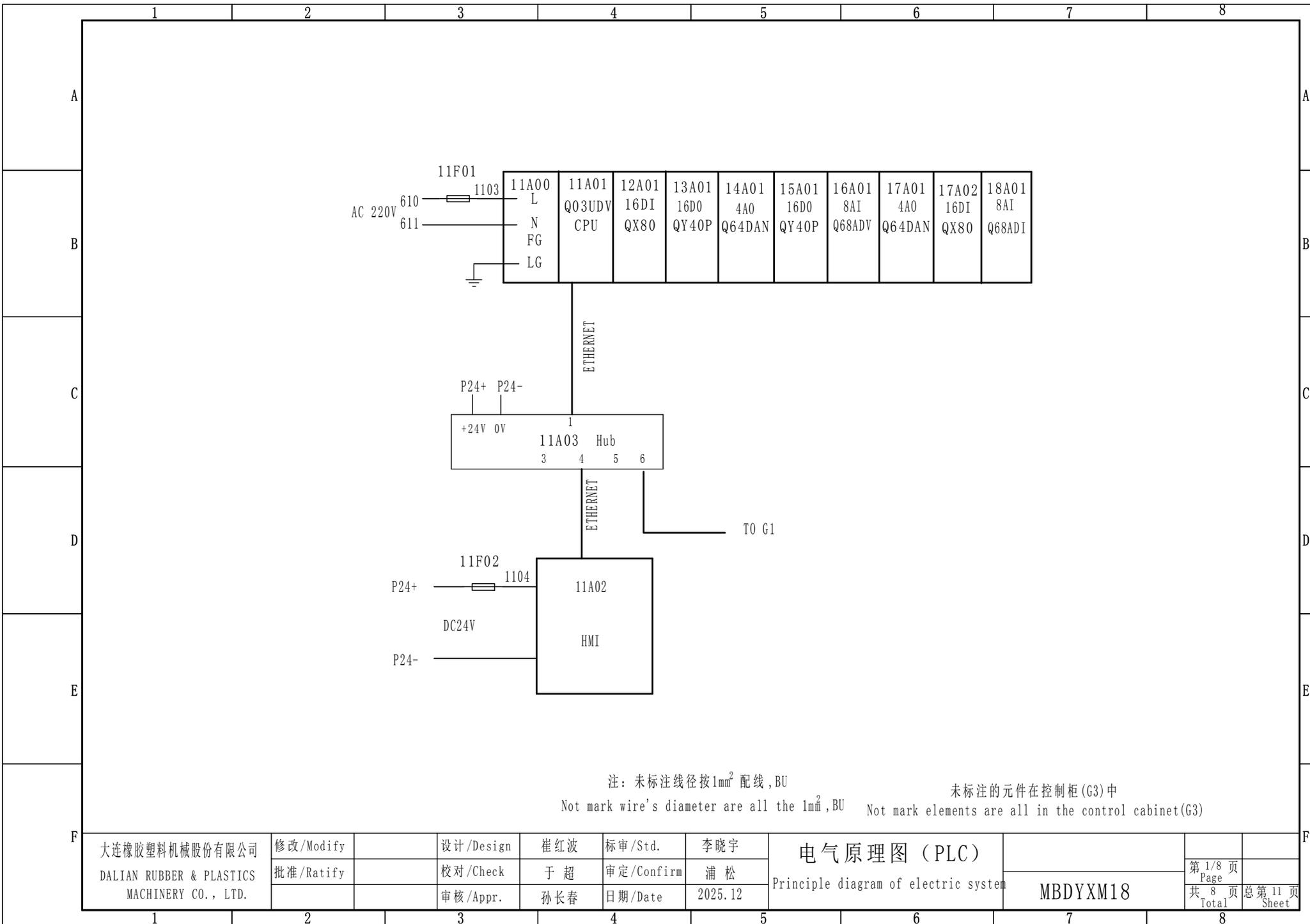
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李晓宇
浦松
2025.12

电气原理图 (驱动2)
Principle diagram of electric system

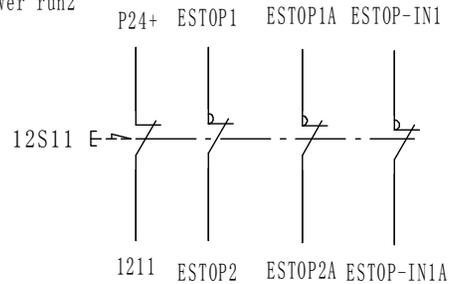
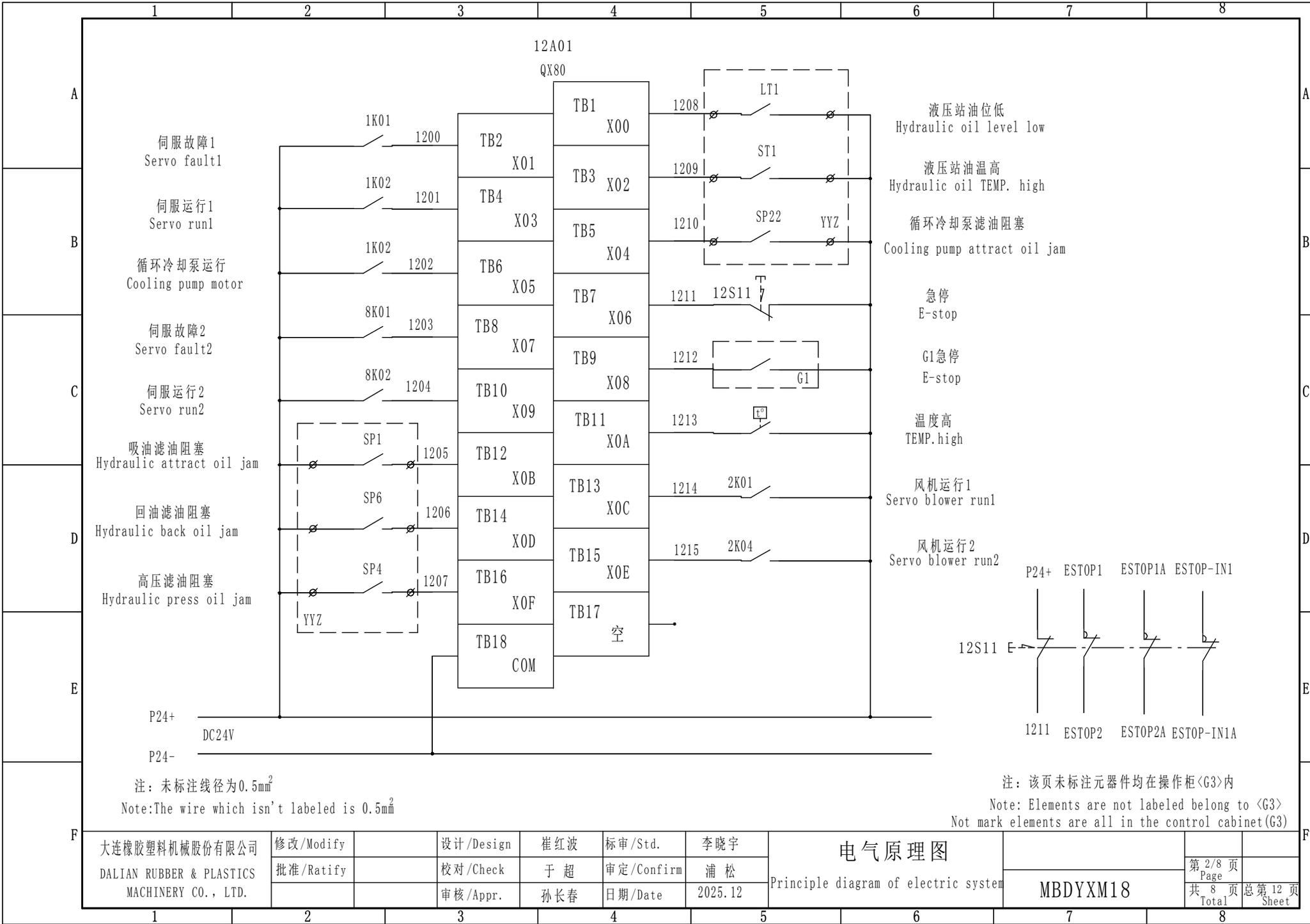
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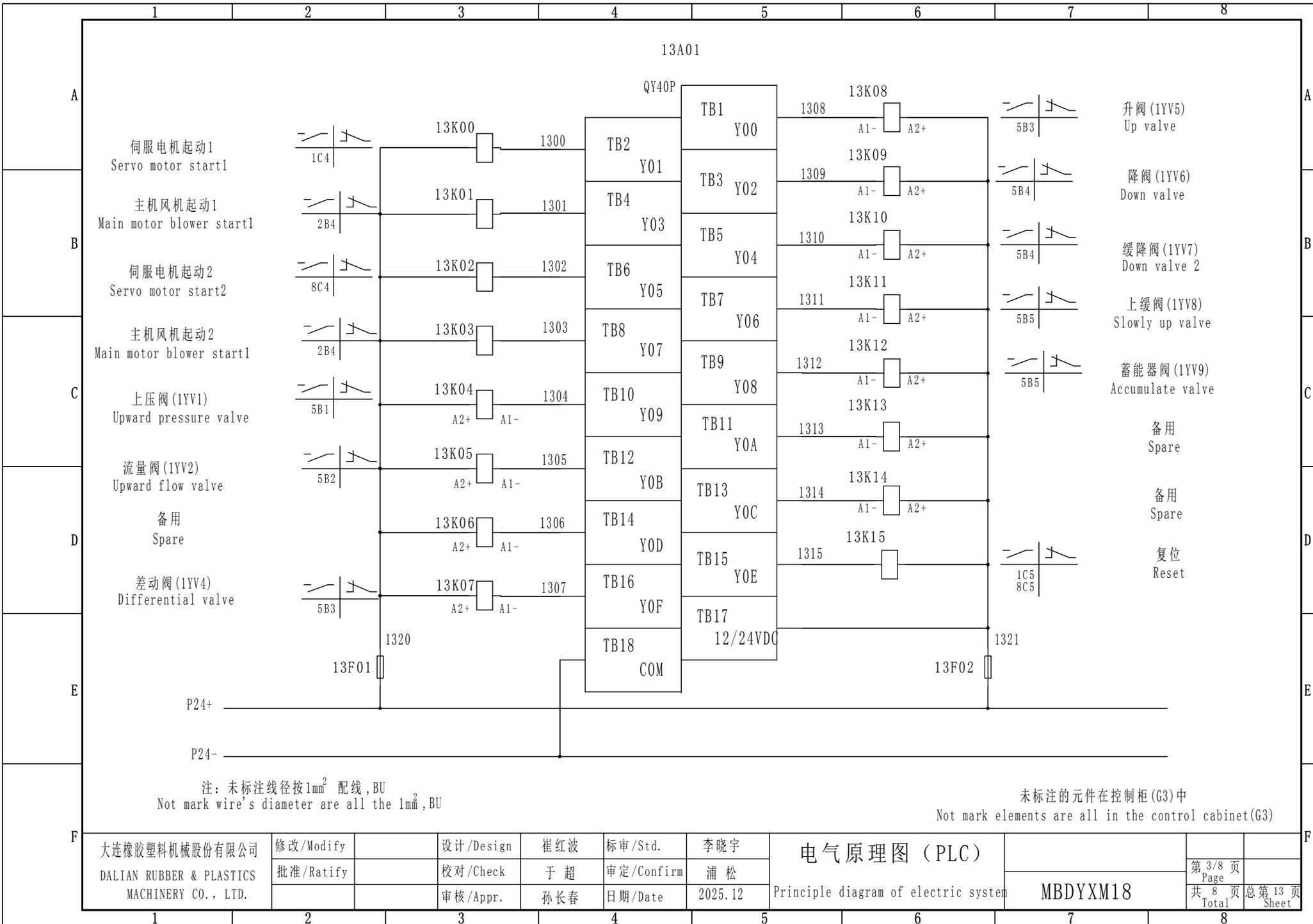
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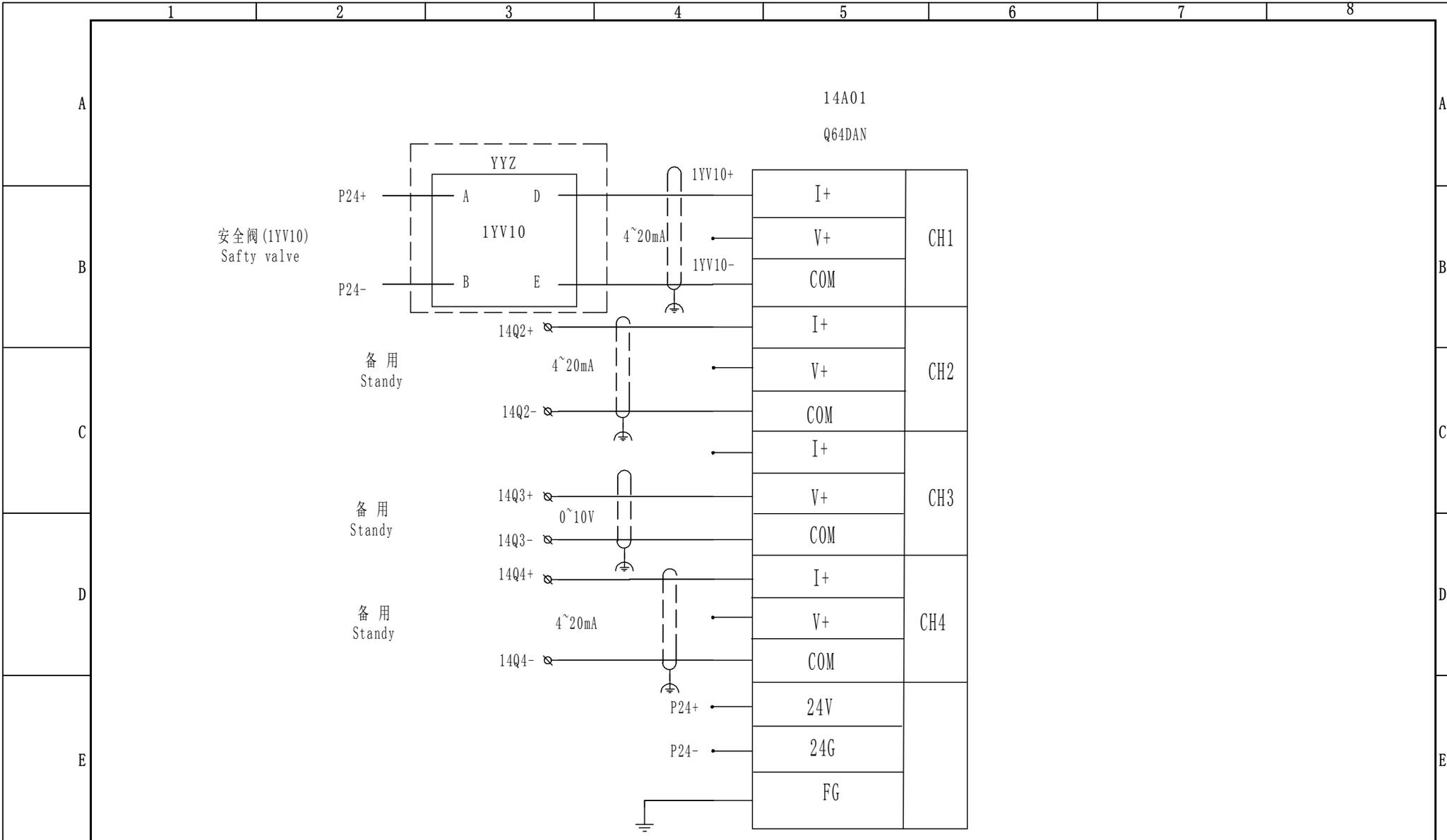


注：未标注线径按1mm²配线，BU
 Not mark wire's diameter are all the 1mm², BU
 未标注的元件在控制柜(G3)中
 Not mark elements are all in the control cabinet(G3)

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| | 批准/Ratify | | 校对/Check | 于超 | 审定/Confirm | 浦松 | | | Page | |
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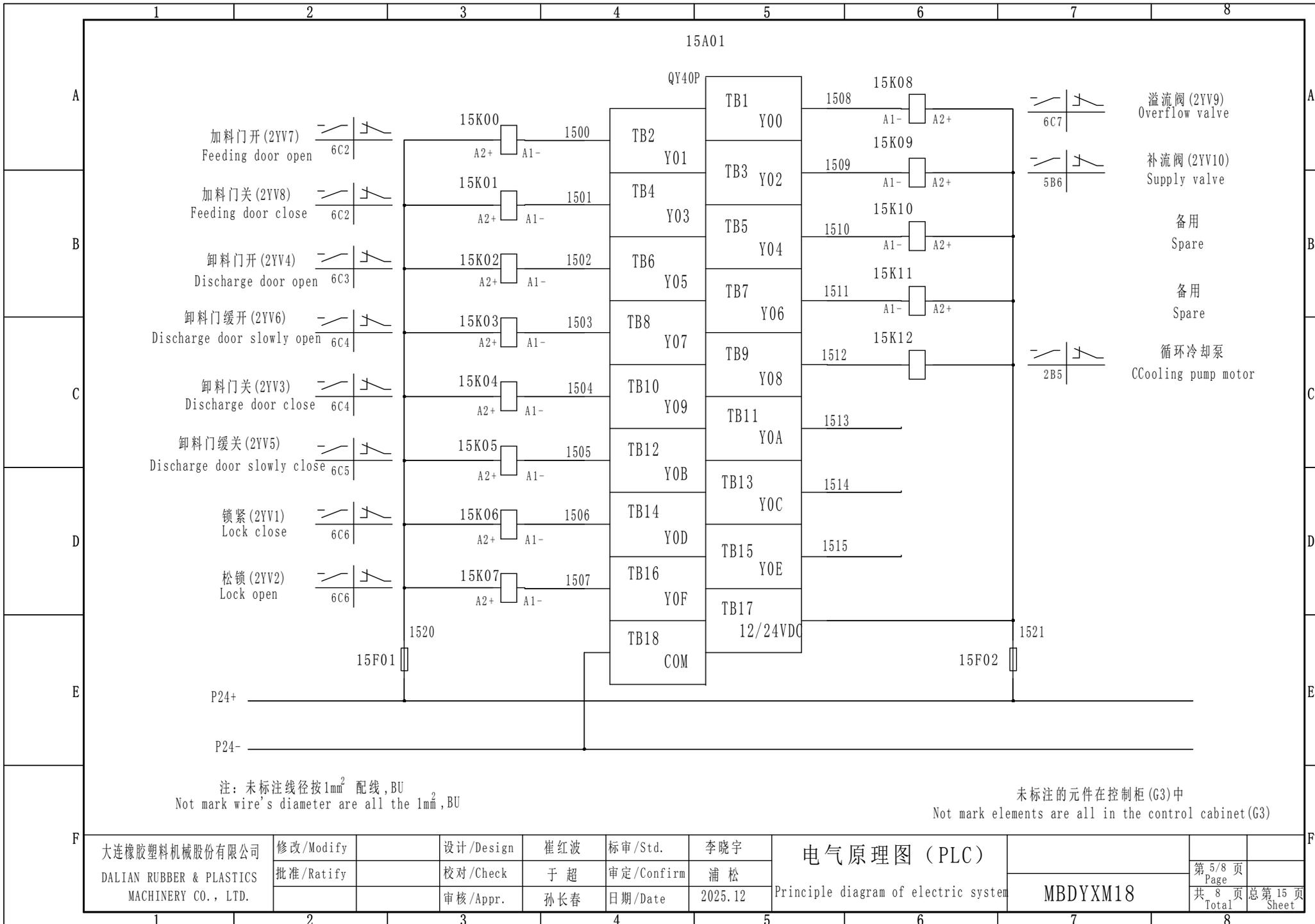






未标注的元件在控制柜 (G3) 中
Not mark elements are all in the control cabinet (G3)

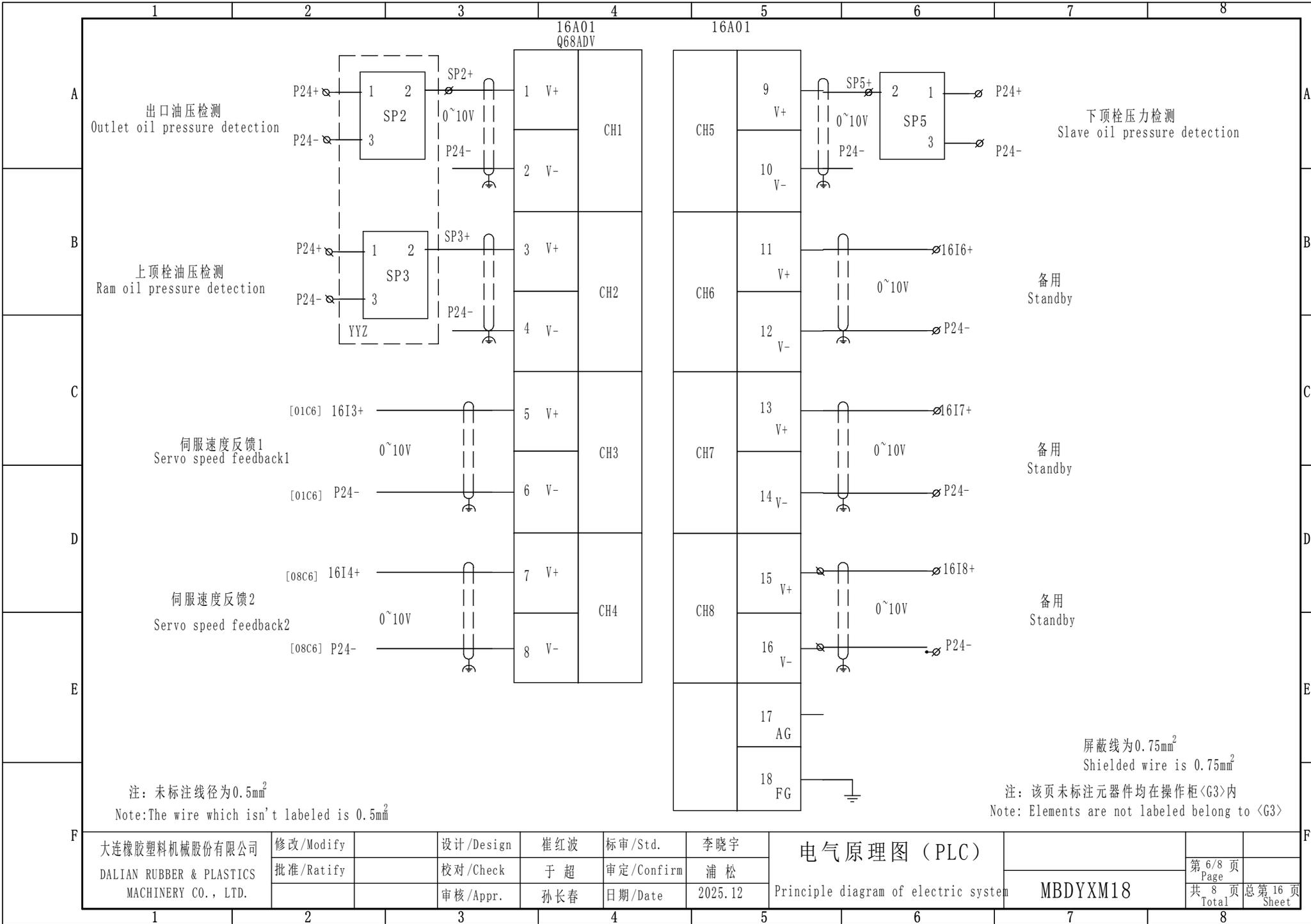
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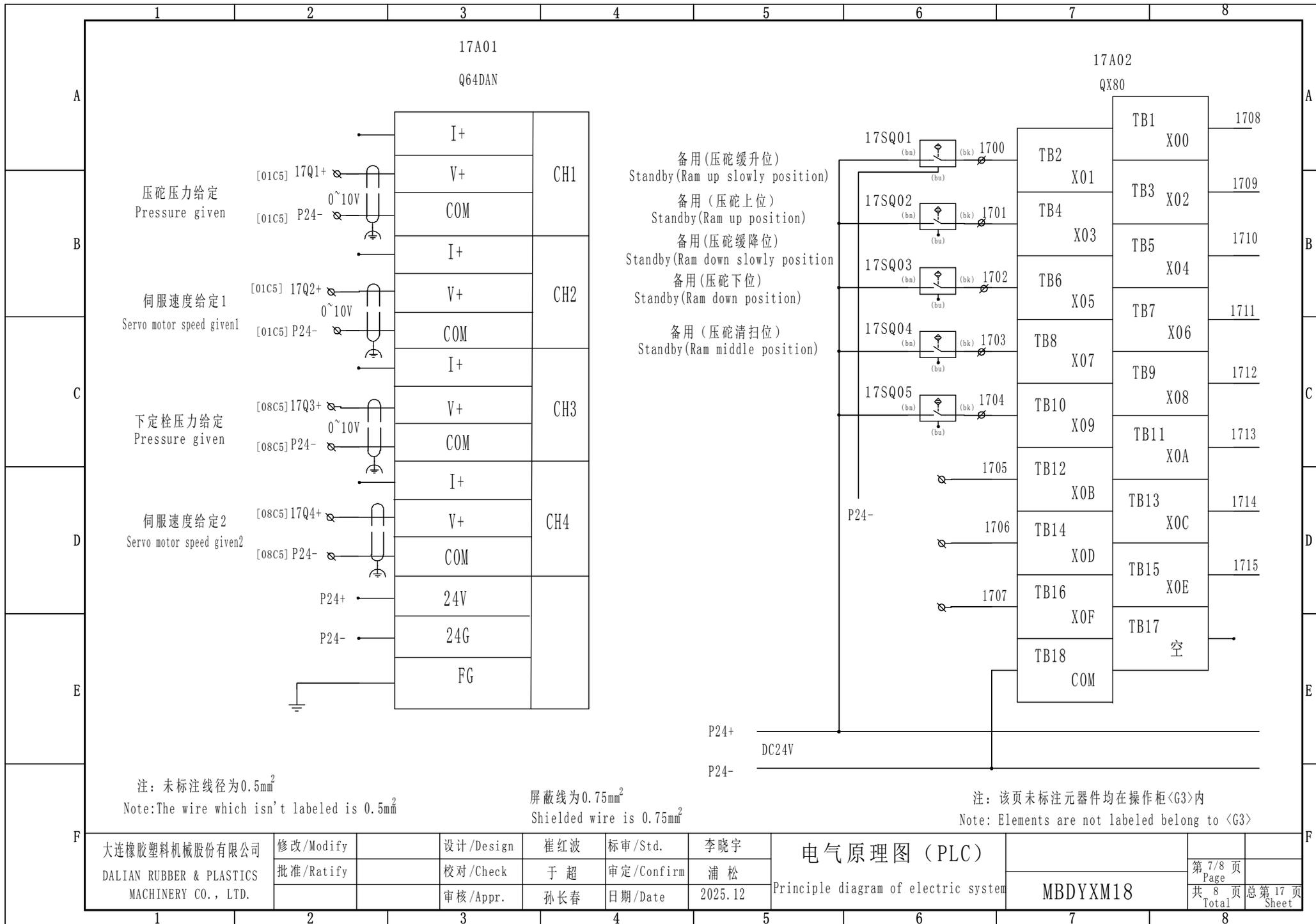


注：未标注线径按1mm² 配线，BU
 Not mark wire's diameter are all the 1mm², BU

未标注的元素在控制柜(G3)中
 Not mark elements are all in the control cabinet(G3)

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| | | 审核/Appr. | 孙长春 | 日期/Date | 2025.12 | | | Total | |



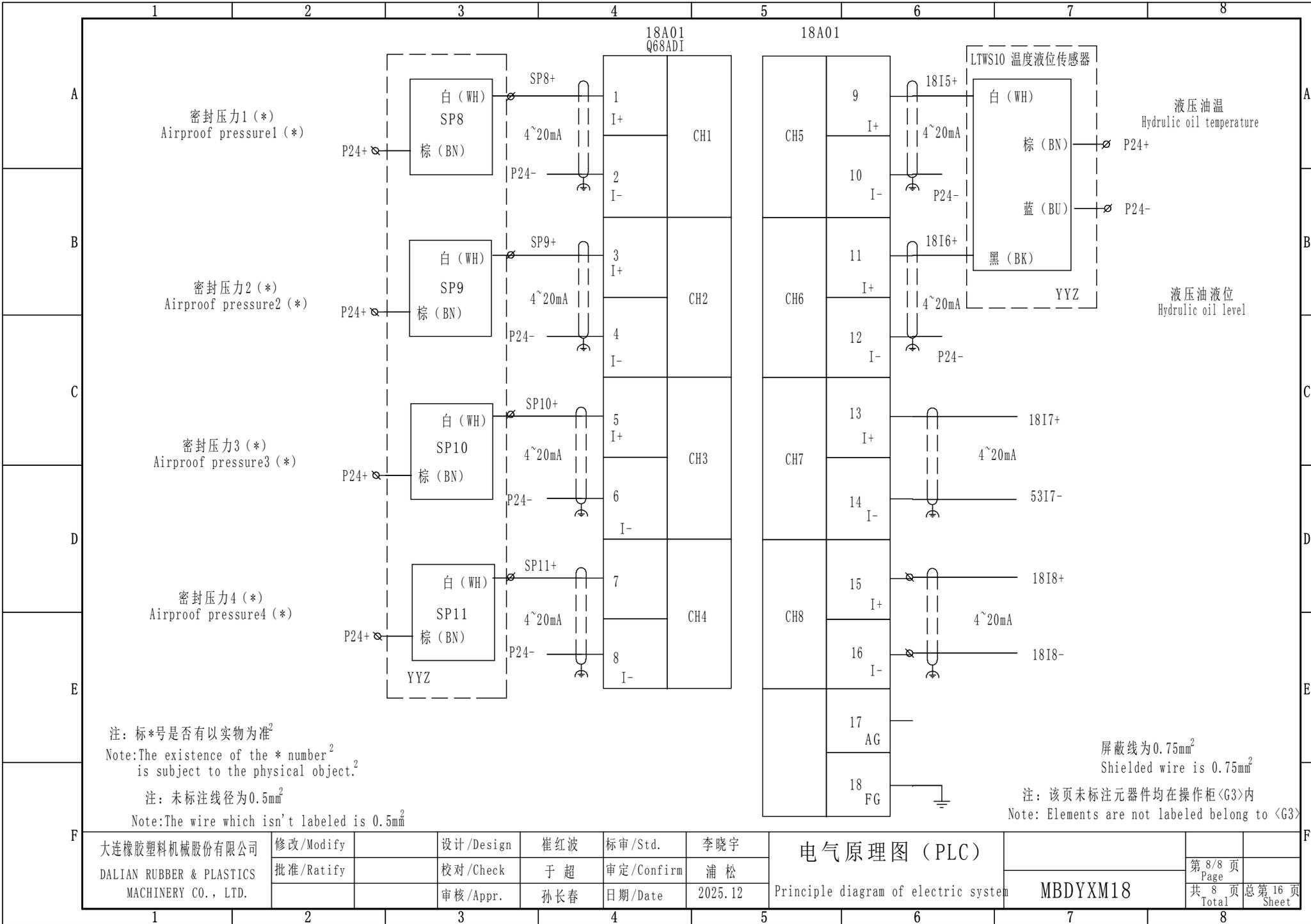


注：未标注线径为0.5mm²
 Note: The wire which isn't labeled is 0.5mm²

屏蔽线为0.75mm²
 Shielded wire is 0.75mm²

注：该页未标注元器件均在操作柜<G3>内
 Note: Elements are not labeled belong to <G3>

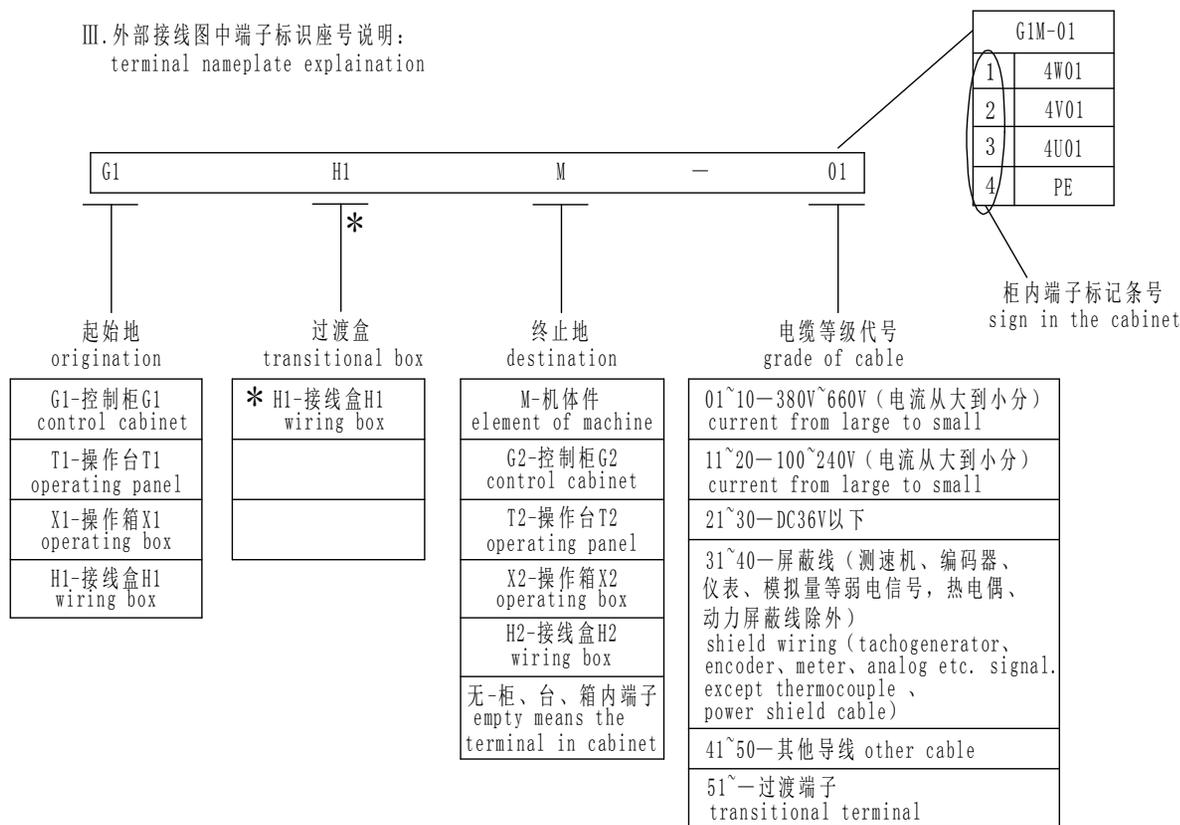
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| 序号 | 符号 Mark | 型号或代号 Model | 名称 Name | | | 技术规格 Specification | | 数量 Q'ty | 备注 Remark | | | | | | |
| A | 1 | 1U01 | IS580T080-R1C1 伺服驱动器/Driver | | | | | 1 | | | | | | | |
| | 2 | | S58-P10-30 编码器线/Cable | | | | | 1 | | | | | | | |
| | 3 | 1Q01 | EZD160E3160N 断路器/Breaker | | | 160A | | 1 | | | | | | | |
| | 4 | 1K01 1K02 8K01 8K02 | RXG23BD+RGZE1S48M 继电器/Relay | | | DC24V | | 4 | | | | | | | |
| | 5 | 2H01 | XB2BVM1LC 指示灯/Pilot lamp | | | AC220V 白色(WH) | | 1 | | | | | | | |
| B | 6 | 2K01 2K02 2K04 | LC1-D09M7C 交流接触器/AC Contactor | | | AC220V | | 3 | | | | | | | |
| | 7 | 3Q01 | OSMC32N2D6 断路器/Breaker | | | 6A | | 1 | | | | | | | |
| | 8 | 3SX01 | YBLXW-6/11CDL 微动开关/Limit switch | | | | | 1 | | | | | | | |
| | 9 | 3E01 | ZPT4-20W 日光灯/Daylight lamp | | | AC220V | | 1 | | | | | | | |
| | 10 | 3A01 | EC15HDNC1G 空调/Contioner | | | 1.5kW | | 1 | | | | | | | |
| | 11 | 3Q02 | OSMC32N1C10 断路器/Breaker | | | 10A | | 1 | | | | | | | |
| | 12 | 3SL01 | | | | 插座/Outlet 3相两用/Three-phase dual-use | | 1 | | | | | | | |
| C | 13 | 3Q03 | OSMC32N2D10 断路器/Breaker | | | 10A | | 1 | | | | | | | |
| | 14 | 4Q01 | OSMC32N3D6 断路器/Breaker | | | 6A | | 1 | | | | | | | |
| | 15 | 4T01 | GDK-1KVAAC380/220 变压器/Transfomer | | | 1000VA AC380V/220V | | 1 | | | | | | | |
| | 16 | 4F01 | RT18-32X/10 熔断器/Breaker | | | 10A | | 1 | | | | | | | |
| | 17 | 4A01 | MQR240-24C 稳压电源/Switching power supply | | | 10A DC24V | | 1 | | | | | | | |
| | 18 | 4Q02 | OSMC32N2C2 断路器/Breaker | | | 2A | | 1 | | | | | | | |
| D | 19 | 7Q01 7Q04 | OSMC32N2D2+0F 断路器/Breaker | | | 2A | | 2 | | | | | | | |
| | 20 | 7Q02 | GV2-PM14C+GV-AE11 断路器/Breaker | | | 1N0+1NC 6~10A | | 1 | | | | | | | |
| | 21 | 8Q01 | EZD100E380N 断路器/Breaker | | | 80A | | 1 | | | | | | | |
| | 22 | 8U01 | IS580T080-R1C1 伺服驱动器/Driver | | | | | 1 | | | | | | | |
| | 23 | | S58-P10-30 编码器线/Cable | | | | | 1 | | | | | | | |
| E | 24 | 13F01-13F02 15F01 15F02 | RT18-32X/2 熔断器/Breaker | | | 2A | | 4 | | | | | | | |
| | 25 | 11F01 11F02 | RT18-32X/2 断路器/Breaker | | | 2A | | 2 | | | | | | | |
| | 26 | 11A00 | Q61P-A2 电源模块/Power | | | 6A | | 1 | | | | | | | |
| | 27 | | Q312B 主基板/Main rack | | | | | 1 | | | | | | | |
| | 28 | 11A01 | Q03UDV CPU | | | | | 1 | | | | | | | |
| | 29 | 11A02 | TPC7072Gt. 触摸屏/HMI | | | 7英寸 DC24V 带一个自适应以太网口 | | 1 | | | | | | | |
| | 30 | | 工业预制网线 网线/Enthernet cable | | | | | 2 | | | | | | | |
| | 31 | 13A01 15A01 | QY40P 16D0 | | | | | 2 | | | | | | | |
| F | 大连橡胶塑料机械股份有限公司 DALIAN RUBBER & PLASTICS MACHINERY CO., LTD. | | 修改/Modify | 设计/Design | 崔红波 | 标审/Std. | 李晓宇 | 电气原理图明细 List of electric system | | | 第 1/2 页 | | | | |
| | | 批准/Ratify | 校对/Check | 于超 | 审定/Confirm | 浦松 | 共 2 页 | | | | | | | | |
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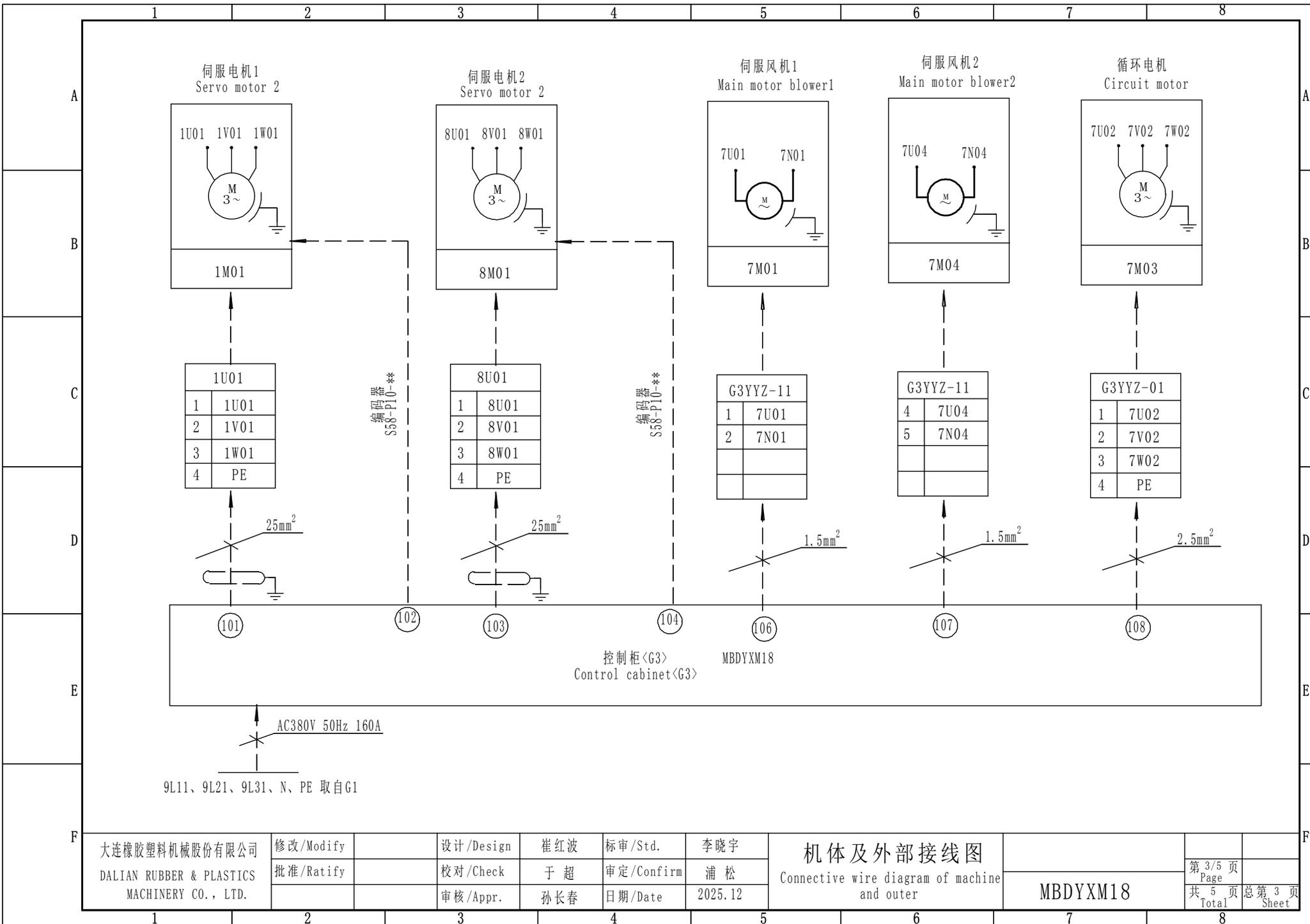
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| A | <p>I. 外部接线图说明: The explanation of wiring:</p> <p>1. 未标注线径按10A, 电机接线推荐最小线径为1.5mm² The diameter isn't marked could be 10A, recommend wiring diameter of motor is at least 1.5mm²</p> <p>2. 图中虚线为用户自备线 The broken line in these diagrams are prepared by customer.</p> <p>3. 外接线仅供参考 The wiring is only for reference</p> <p>II. 配线注意: Wiring attention:</p> <p>1. 每台电机、控制柜、台、箱内必须保证可靠接地。 Each motor, control cabinet, operation table and box must be ensured the earthing.</p> <p>2. 信号电缆和动力电缆必须相互分开布线(避免耦合干扰), 至少应保持20cm 的间距。 信号电缆包括: 模拟信号电缆和通讯电缆。 The signal cable and power cable must be divided (to avoid coupling interfere). They must keep their distance at least 20cm .The signal cable include:analog signal cable and communication cable.</p> <p>3. 热电偶配线需用屏蔽补偿导线, 建议用户直接接入操作盘仪表上, 不中断。 The wiring of thermocouple must use shield compensation, recommend userconnect it to meter directly,don't interrupt.</p> <p>4. 网线使用超五类双屏蔽网线,网络水晶头使用超五类屏蔽水晶头。 Internet cable use twist-pair shield cable,crystal head use metal shield crystal head.</p> <p>5. 通讯电缆需选用专用的网络通讯电缆。 Communication cable must use special cable.</p> <p>6. 配线完毕, 需保持原控制柜、操作台、操作箱、电机、接线盒等的防护等级。 After the wiring finished, the user must hold defend grade of control cabinet,operating panel, operating box, motor and wiring box.</p> | | | | | | | | |
| B | | | | | | | | | |
| C | | | | | | | | | |
| D | | | | | | | | | |
| E | | | | | | | | | |
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III. 外部接线图中端子标识座号说明：
terminal nameplate explanation



* 通常此部分没有, 特殊情况有过渡接线盒时增加此过渡接线盒标识号.例如G1H1H5-21, H1即过渡接线盒。
This part with * mark isn't exist normally, except it has transitional box.Such as G1H1H5-21, H1 is transitional box.

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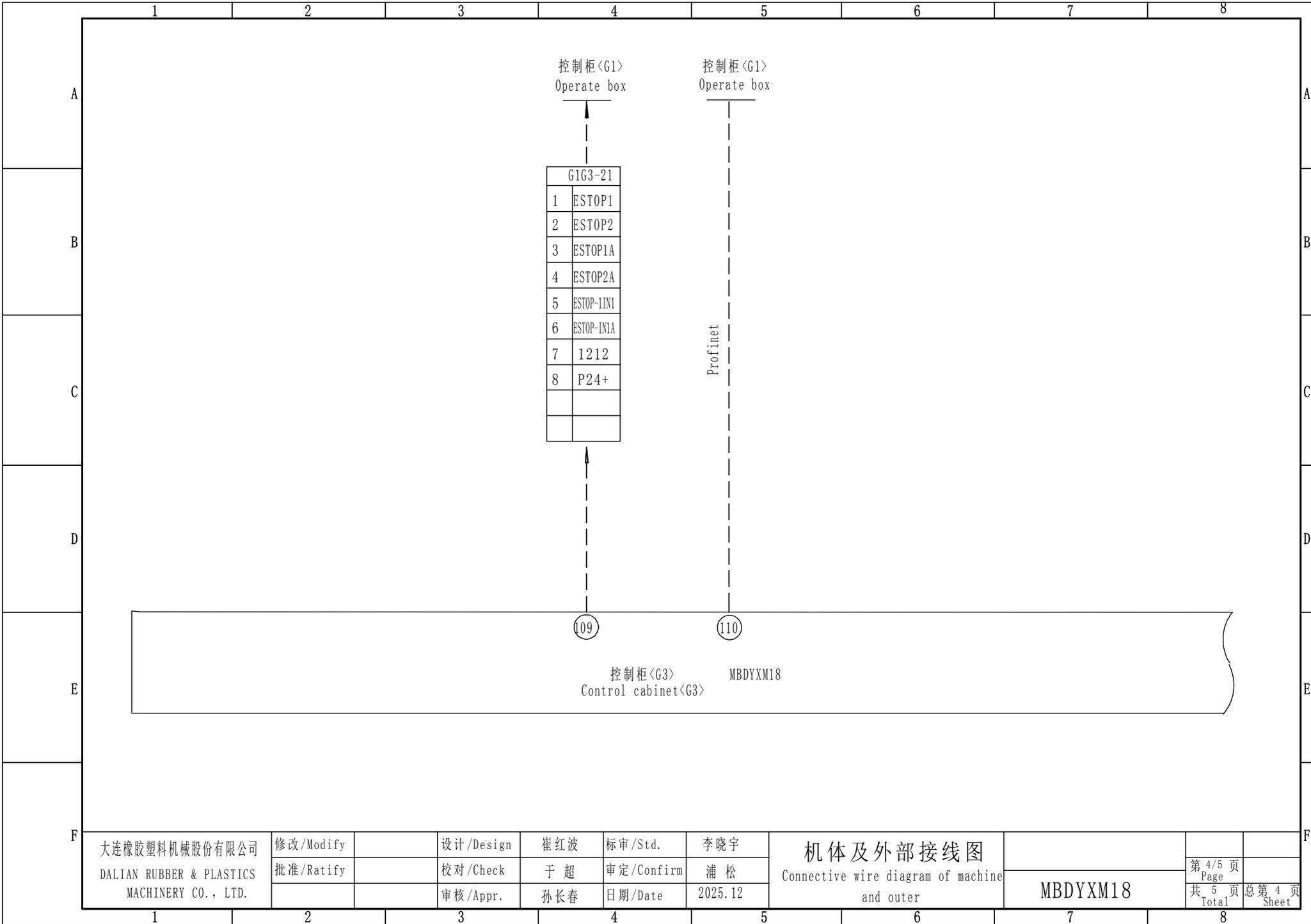
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机体及外部接线图

Connective wire diagram of machine
and outer

MBDYXM18

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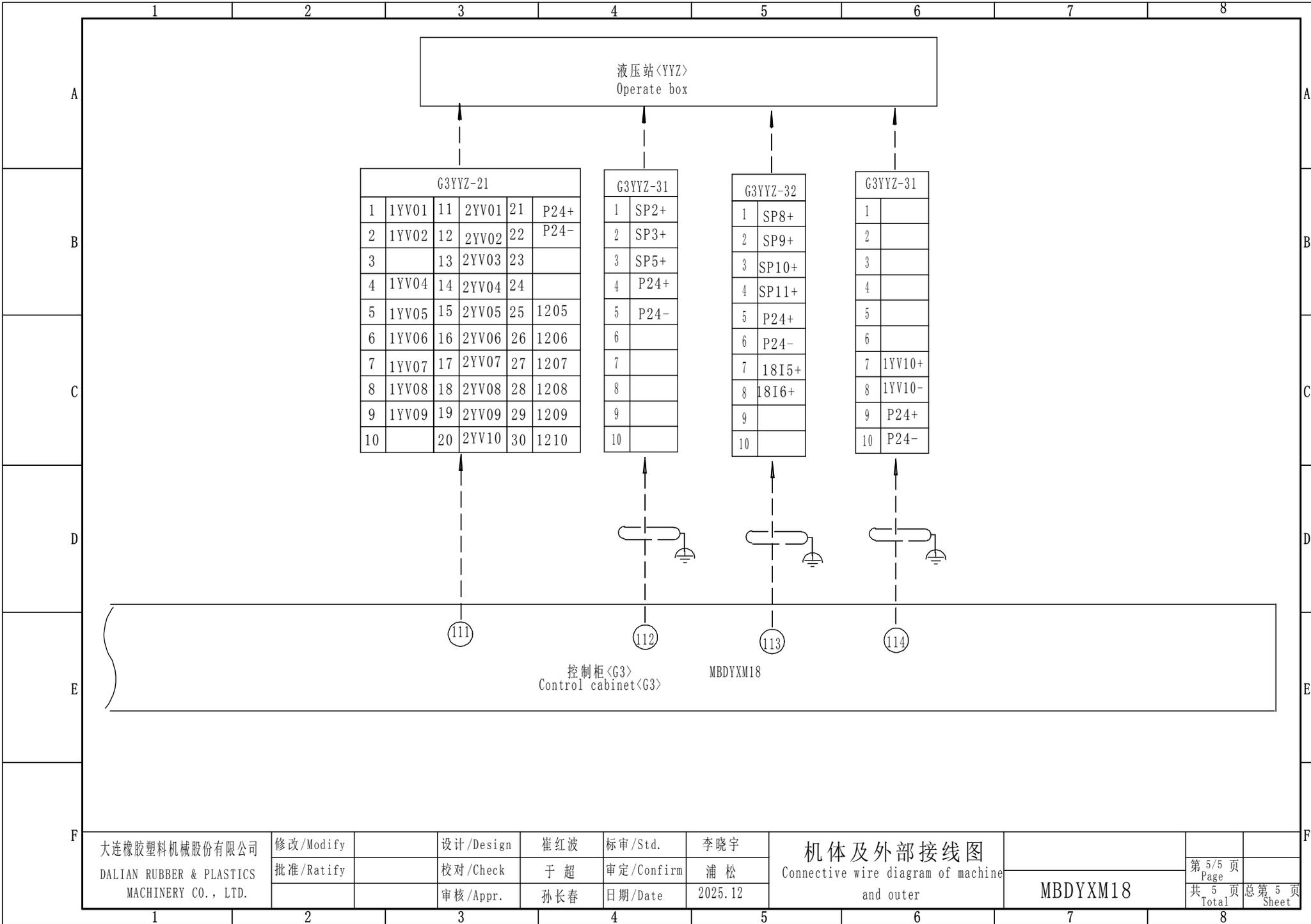
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机体及外部接线图
Connective wire diagram of machine
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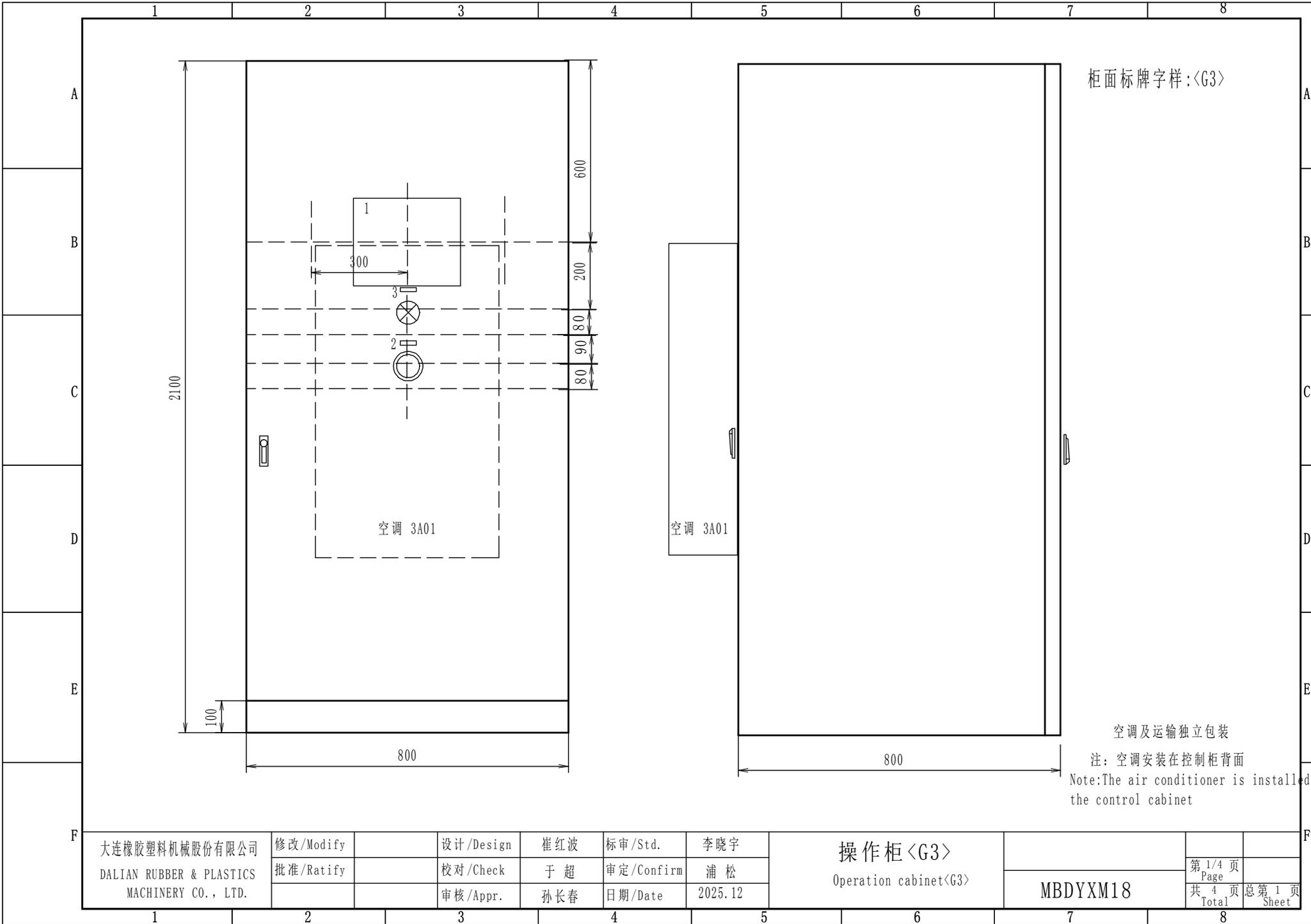
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机体及外部接线图
Connective wire diagram of machine
and outer

MBDYXM18



柜面标牌字样:<G3>

空调及运输独立包装

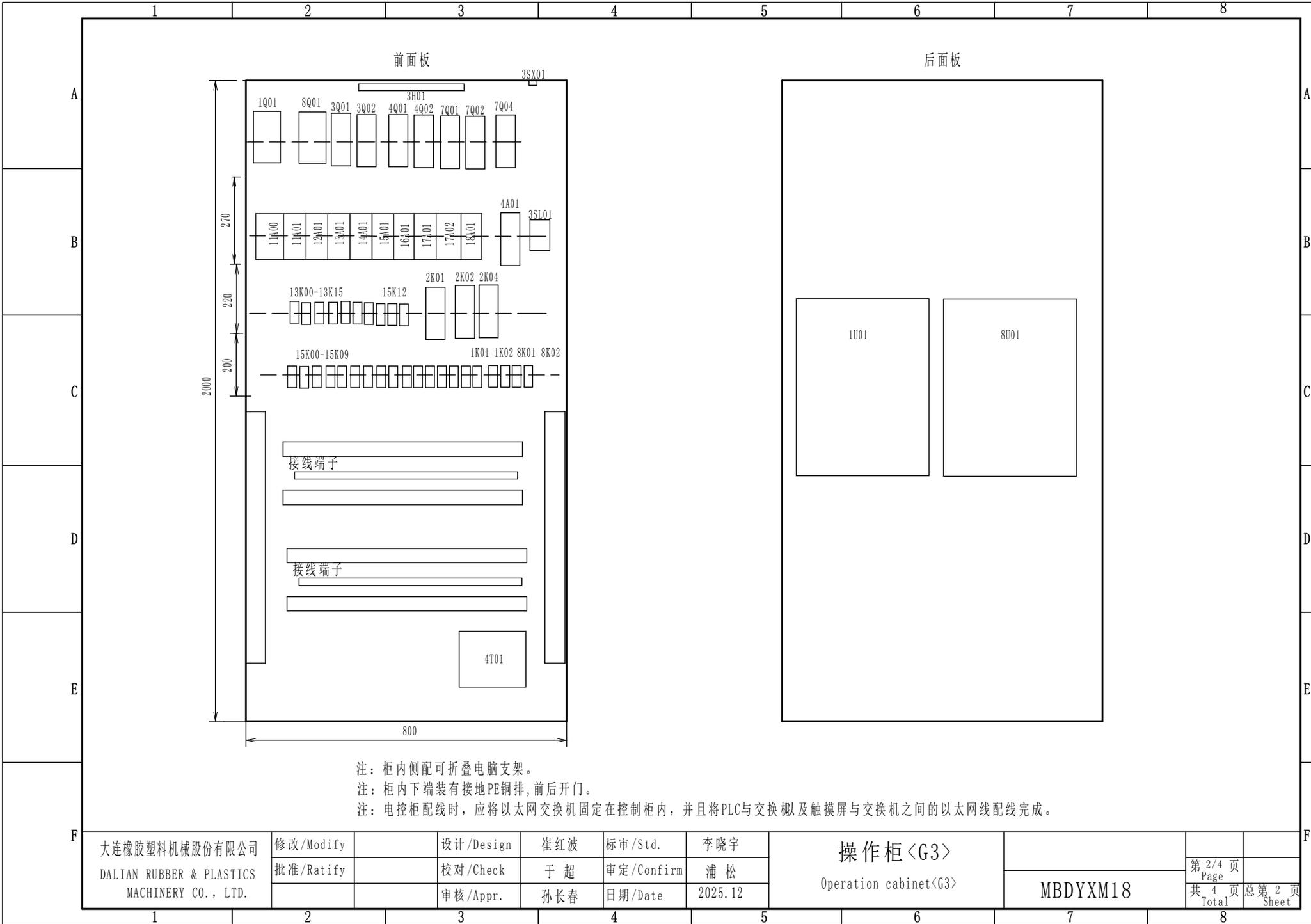
注: 空调安装在控制柜背面
Note: The air conditioner is installed on the control cabinet

操作柜<G3>
Operation cabinet<G3>

MBDYXM18

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注：柜内侧配可折叠电脑支架。
 注：柜内下端装有接地PE铜排，前后开门。
 注：电控柜配线时，应将以太网交换机固定在控制柜内，并且将PLC与交换机及触摸屏与交换机之间的以太网线配线完成。

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操作柜<G3>
 Operation cabinet<G3>

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| A | <table border="1"> <thead> <tr> <th>序号 No.</th> <th>代号 Code</th> <th>标牌字样 Nameplate</th> <th>序号 No.</th> <th>代号 Code</th> <th>标牌字样 Nameplate</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>11A02</td> <td>触摸屏 HMI</td> <td>12</td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>12S11</td> <td>急停 EMERGENCY STOP</td> <td>13</td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>2H01</td> <td>控制电源 CONTROL POWER</td> <td>14</td> <td></td> <td></td> </tr> <tr> <td>4</td> <td></td> <td></td> <td>15</td> <td></td> <td></td> </tr> <tr> <td>5</td> <td></td> <td></td> <td>16</td> <td></td> <td></td> </tr> <tr> <td>6</td> <td></td> <td></td> <td>17</td> <td></td> <td></td> </tr> <tr> <td>7</td> <td></td> <td></td> <td>18</td> <td></td> <td></td> </tr> <tr> <td>8</td> <td></td> <td></td> <td>19</td> <td></td> <td></td> </tr> <tr> <td>9</td> <td></td> <td></td> <td>20</td> <td></td> <td></td> </tr> <tr> <td>10</td> <td></td> <td></td> <td>21</td> <td></td> <td></td> </tr> <tr> <td>11</td> <td></td> <td></td> <td>22</td> <td></td> <td></td> </tr> </tbody> </table> | | | | | | | | 序号 No. | 代号 Code | 标牌字样 Nameplate | 序号 No. | 代号 Code | 标牌字样 Nameplate | 1 | 11A02 | 触摸屏 HMI | 12 | | | 2 | 12S11 | 急停 EMERGENCY STOP | 13 | | | 3 | 2H01 | 控制电源 CONTROL POWER | 14 | | | 4 | | | 15 | | | 5 | | | 16 | | | 6 | | | 17 | | | 7 | | | 18 | | | 8 | | | 19 | | | 9 | | | 20 | | | 10 | | | 21 | | | 11 | | | 22 | | |
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| 3 | | | | | | | | | 2H01 | 控制电源 CONTROL POWER | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| F | 大连橡胶塑料机械股份有限公司 DALIAN RUBBER & PLASTICS MACHINERY CO., LTD. | 修改/Modify 批准/Ratify | 设计/Design 校对/Check 审核/Appr. | 崔红波 于超 孙长春 | 标审/Std. 审定/Confirm 日期/Date | 李晓宇 浦松 2025.12 | 操作柜<G3> Operation cabinet<G3> | MBDYXM18 | 第 3/4 页 Page 共 4 页 Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| A | AC380V 160A | G3YYZ-01 AC380V 10A | G3YYZ-11 AC220V 10A | G3YYZ-21 DC24V 10A | | G3YYZ-31 DC24V 10A | G3YYZ-32 DC24V 10A | G1G3-21 DC24V 10A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>1</td><td>9L11</td></tr> <tr><td>2</td><td>9L21</td></tr> <tr><td>3</td><td>9L31</td></tr> <tr><td>4</td><td>PE</td></tr> <tr><td>5</td><td>N</td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table> | 1 | 9L11 | 2 | 9L21 | 3 | 9L31 | 4 | PE | 5 | N | | | | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>1</td><td>7U02</td></tr> <tr><td>2</td><td>7V02</td></tr> <tr><td>3</td><td>7W02</td></tr> <tr><td>4</td><td>PE</td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table> | 1 | 7U02 | 2 | 7V02 | 3 | 7W02 | 4 | PE | | | | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>1</td><td>7U01</td></tr> <tr><td>2</td><td>7N01</td></tr> <tr><td>3</td><td>7U04</td></tr> <tr><td>4</td><td>7N04</td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table> | 1 | 7U01 | 2 | 7N01 | 3 | 7U04 | 4 | 7N04 | | | | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>1</td><td>1YV01</td><td>11</td><td>2YV01</td><td>21</td><td>P24+</td></tr> <tr><td>2</td><td>1YV02</td><td>12</td><td>2YV02</td><td>22</td><td>P24-</td></tr> <tr><td>3</td><td> </td><td>13</td><td>2YV03</td><td>23</td><td> </td></tr> <tr><td>4</td><td>1YV04</td><td>14</td><td>2YV04</td><td>24</td><td> </td></tr> <tr><td>5</td><td>1YV05</td><td>15</td><td>2YV05</td><td>25</td><td>1205</td></tr> <tr><td>6</td><td>1YV06</td><td>16</td><td>2YV06</td><td>26</td><td>1206</td></tr> <tr><td>7</td><td>1YV07</td><td>17</td><td>2YV07</td><td>27</td><td>1207</td></tr> <tr><td>8</td><td>1YV08</td><td>18</td><td>2YV08</td><td>28</td><td>1208</td></tr> <tr><td>9</td><td>1YV09</td><td>19</td><td>2YV09</td><td>29</td><td>1209</td></tr> <tr><td>10</td><td> </td><td>20</td><td>2YV10</td><td>30</td><td>1210</td></tr> </table> | | 1 | 1YV01 | 11 | 2YV01 | 21 | P24+ | 2 | 1YV02 | 12 | 2YV02 | 22 | P24- | 3 | | 13 | 2YV03 | 23 | | 4 | 1YV04 | 14 | 2YV04 | 24 | | 5 | 1YV05 | 15 | 2YV05 | 25 | 1205 | 6 | 1YV06 | 16 | 2YV06 | 26 | 1206 | 7 | 1YV07 | 17 | 2YV07 | 27 | 1207 | 8 | 1YV08 | 18 | 2YV08 | 28 | 1208 | 9 | 1YV09 | 19 | 2YV09 | 29 | 1209 | 10 | | 20 | 2YV10 | 30 | 1210 | <p style="text-align:center;">屏蔽线</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>1</td><td>SP2+</td></tr> <tr><td>2</td><td>SP3+</td></tr> <tr><td>3</td><td>SP5+</td></tr> <tr><td>4</td><td>P24+</td></tr> <tr><td>5</td><td>P24-</td></tr> <tr><td>6</td><td> </td></tr> <tr><td>7</td><td>1YV10+</td></tr> <tr><td>8</td><td>1YV10-</td></tr> <tr><td>9</td><td>P24+</td></tr> <tr><td>10</td><td>P24-</td></tr> </table> | 1 | SP2+ | 2 | SP3+ | 3 | SP5+ | 4 | P24+ | 5 | P24- | 6 | | 7 | 1YV10+ | 8 | 1YV10- | 9 | P24+ | 10 | P24- | <p style="text-align:center;">屏蔽线</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>1</td><td>SP8+</td></tr> <tr><td>2</td><td>SP9+</td></tr> <tr><td>3</td><td>SP10+</td></tr> <tr><td>4</td><td>SP11+</td></tr> <tr><td>5</td><td>P24+</td></tr> <tr><td>6</td><td>P24-</td></tr> <tr><td>7</td><td>18I5+</td></tr> <tr><td>8</td><td>18I6+</td></tr> <tr><td>9</td><td> </td></tr> <tr><td>10</td><td> </td></tr> </table> | 1 | SP8+ | 2 | SP9+ | 3 | SP10+ | 4 | SP11+ | 5 | P24+ | 6 | P24- | 7 | 18I5+ | 8 | 18I6+ | 9 | | 10 | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>1</td><td>ESTOP1</td></tr> <tr><td>2</td><td>ESTOP2</td></tr> <tr><td>3</td><td>ESTOP1A</td></tr> <tr><td>4</td><td>ESTOP2A</td></tr> <tr><td>5</td><td>ESTOP-IN1</td></tr> <tr><td>6</td><td>ESTOP-IN1A</td></tr> <tr><td>7</td><td>12I2</td></tr> <tr><td>8</td><td>P24+</td></tr> </table> | 1 | ESTOP1 | 2 | ESTOP2 | 3 | ESTOP1A | 4 | ESTOP2A | 5 | ESTOP-IN1 | 6 | ESTOP-IN1A | 7 | 12I2 | 8 | P24+ |
| 1 | 9L11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 9L21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 9L31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 2 | 7N01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 7U04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 1 | 1YV01 | 11 | 2YV01 | 21 | P24+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 1YV02 | 12 | 2YV02 | 22 | P24- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | 13 | 2YV03 | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 1YV04 | 14 | 2YV04 | 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 1YV05 | 15 | 2YV05 | 25 | 1205 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 1YV06 | 16 | 2YV06 | 26 | 1206 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 1YV07 | 17 | 2YV07 | 27 | 1207 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 1YV08 | 18 | 2YV08 | 28 | 1208 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | 1YV09 | 19 | 2YV09 | 29 | 1209 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | 20 | 2YV10 | 30 | 1210 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | SP2+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | SP3+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | SP5+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | P24+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | P24- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 1YV10+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 1YV10- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | P24+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | P24- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | SP8+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | SP9+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | SP10+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | SP11+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 7 | 18I5+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 1 | ESTOP1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | ESTOP2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | ESTOP1A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | ESTOP2A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | ESTOP-IN1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | ESTOP-IN1A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 12I2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | P24+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| C | G3-21 DC24V 10A | G3-11 AC220V 10A | G3-21 DC24V 10A | | | G3-31 DC24V 10A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D | <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>1</td><td>1700</td></tr> <tr><td>2</td><td>1701</td></tr> <tr><td>3</td><td>1702</td></tr> <tr><td>4</td><td>1703</td></tr> <tr><td>5</td><td>1704</td></tr> <tr><td>6</td><td>1705</td></tr> <tr><td>7</td><td>1706</td></tr> <tr><td>8</td><td>1707</td></tr> <tr><td>9</td><td> </td></tr> <tr><td>10</td><td> </td></tr> </table> | 1 | 1700 | 2 | 1701 | 3 | 1702 | 4 | 1703 | 5 | 1704 | 6 | 1705 | 7 | 1706 | 8 | 1707 | 9 | | 10 | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>1</td><td>401</td></tr> <tr><td>2</td><td>401</td></tr> <tr><td>3</td><td>401</td></tr> <tr><td>4</td><td>401</td></tr> <tr><td>5</td><td>401</td></tr> <tr><td>6</td><td>402</td></tr> <tr><td>7</td><td>402</td></tr> <tr><td>8</td><td>402</td></tr> <tr><td>9</td><td>402</td></tr> <tr><td>10</td><td>402</td></tr> </table> | 1 | 401 | 2 | 401 | 3 | 401 | 4 | 401 | 5 | 401 | 6 | 402 | 7 | 402 | 8 | 402 | 9 | 402 | 10 | 402 | <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>1</td><td>P24+</td></tr> <tr><td>2</td><td>P24+</td></tr> <tr><td>3</td><td>P24+</td></tr> <tr><td>4</td><td>P24+</td></tr> <tr><td>5</td><td>P24+</td></tr> <tr><td>6</td><td>P24+</td></tr> <tr><td>7</td><td>P24+</td></tr> <tr><td>8</td><td>P24+</td></tr> <tr><td>9</td><td>P24+</td></tr> <tr><td>10</td><td>P24+</td></tr> </table> | 1 | P24+ | 2 | P24+ | 3 | P24+ | 4 | P24+ | 5 | P24+ | 6 | P24+ | 7 | P24+ | 8 | P24+ | 9 | P24+ | 10 | P24+ | <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>11</td><td>P24+</td></tr> <tr><td>12</td><td>P24+</td></tr> <tr><td>13</td><td>P24+</td></tr> <tr><td>14</td><td>P24+</td></tr> <tr><td>15</td><td>P24+</td></tr> <tr><td>16</td><td>P24-</td></tr> <tr><td>17</td><td>P24-</td></tr> <tr><td>18</td><td>P24-</td></tr> <tr><td>19</td><td>P24-</td></tr> <tr><td>20</td><td>P24-</td></tr> </table> | 11 | P24+ | 12 | P24+ | 13 | P24+ | 14 | P24+ | 15 | P24+ | 16 | P24- | 17 | P24- | 18 | P24- | 19 | P24- | 20 | P24- | <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>31</td><td>P24-</td></tr> <tr><td>32</td><td>P24-</td></tr> <tr><td>33</td><td>P24-</td></tr> <tr><td>34</td><td>P24-</td></tr> <tr><td>35</td><td>P24-</td></tr> <tr><td>36</td><td>P24-</td></tr> <tr><td>37</td><td>P24-</td></tr> <tr><td>38</td><td>P24-</td></tr> <tr><td>39</td><td>P24-</td></tr> <tr><td>40</td><td>P24-</td></tr> </table> | 31 | P24- | 32 | P24- | 33 | P24- | 34 | P24- | 35 | P24- | 36 | P24- | 37 | P24- | 38 | P24- | 39 | P24- | 40 | P24- | <p style="text-align:center;">屏蔽线</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>1</td><td>16I3+</td><td>11</td><td>14Q2+</td></tr> <tr><td>2</td><td>16I4+</td><td>12</td><td>14Q2-</td></tr> <tr><td>3</td><td>16I6+</td><td>13</td><td>14Q3+</td></tr> <tr><td>4</td><td>16I7+</td><td>14</td><td>14Q3-</td></tr> <tr><td>5</td><td>16I8+</td><td>15</td><td>14Q4+</td></tr> <tr><td>6</td><td> </td><td>16</td><td>14Q4-</td></tr> <tr><td>7</td><td> </td><td>17</td><td>P24+</td></tr> <tr><td>8</td><td> </td><td>18</td><td>P24-</td></tr> <tr><td>9</td><td> </td><td>19</td><td> </td></tr> <tr><td>10</td><td> </td><td>20</td><td> </td></tr> </table> | | | 1 | 16I3+ | 11 | 14Q2+ | 2 | 16I4+ | 12 | 14Q2- | 3 | 16I6+ | 13 | 14Q3+ | 4 | 16I7+ | 14 | 14Q3- | 5 | 16I8+ | 15 | 14Q4+ | 6 | | 16 | 14Q4- | 7 | | 17 | P24+ | 8 | | 18 | P24- | 9 | | 19 | | 10 | | 20 | | | | | | | | | | | | | | | |
| 1 | 1700 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 1701 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 1702 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 1703 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 1704 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 7 | 1706 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 3 | 401 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 401 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 401 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 402 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 402 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 402 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | 402 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 5 | P24+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 7 | P24+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | P24+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | P24+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | P24+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | P24+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | P24+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | P24+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | P24+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | P24+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | P24- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | P24- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | P24- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | P24- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | P24- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | P24- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | P24- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 33 | P24- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34 | P24- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35 | P24- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36 | P24- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 37 | P24- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 38 | P24- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39 | P24- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | P24- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 16I3+ | 11 | 14Q2+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 16I4+ | 12 | 14Q2- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 16I6+ | 13 | 14Q3+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 16I7+ | 14 | 14Q3- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 16I8+ | 15 | 14Q4+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | 16 | 14Q4- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | 17 | P24+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | 18 | P24- | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| E | <p>本操作箱制作要求: 防护等级IP54 箱内同号相连 端子条标识座号、端子标记座号必须和线号一一对应; 如有同一端子条分开在两排接线端子上, 应在断开处增加此端子条标识座号。 动力线和控制线分槽走线, 交流控制线与直流控制线尽量分开</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | 大连橡胶塑料机械股份有限公司 DALIAN RUBBER & PLASTICS MACHINERY CO., LTD. | | 修改/Modify 批准/Ratify | 设计/Design 校对/Check 审核/Appr. | 崔红波 于超 孙长春 | 标审/Std. 审定/Confirm 日期/Date | 李晓宇 浦松 2025.12 | 控制柜<G3> Control cabinet <G3> | MBDYXM18 | 第 4/4 页 Page 共 4 页 总第 4 页 Total Sheet | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |