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Customer

Supplier URK FEI

Device description

Project name 001_TSI_LI_development_DP
Project desctription Diploma thesis: Tire surface inspection - lettering inspection
Project category/number 001

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| =TSI_LI+RM1/100 | Panel layout RM1 | | 16-Sep-20 | MATUS KOLAROVIC | |
| =TSI_LI+RM1/101 | Mains | | 15-Sep-20 | MATUS KOLAROVIC | |
| =TSI_LI+RM1/102 | Power part | | 15-Sep-20 | MATUS KOLAROVIC | |
| =TSI_LI+RM1/104 | Power part - 24VDC supply - aircon | | 16-Sep-20 | MATUS KOLAROVIC | |
| =TSI_LI+RM1/106 | S120 -power infeed | | 15-Sep-20 | MATUS KOLAROVIC | |
| =TSI_LI+RM1/107 | S120 -control unit | | 16-Sep-20 | MATUS KOLAROVIC | |
| =TSI_LI+RM1/110 | S120 -motor module | | 15-Sep-20 | MATUS KOLAROVIC | |
| =TSI_LI+RM1/115 | HW PLC | | 16-Sep-20 | MATUS KOLAROVIC | |
| =TSI_LI+RM1/120 | PLC | | 16-Sep-20 | MATUS KOLAROVIC | |
| =TSI_LI+RM1/121 | PLC | | 16-Sep-20 | MATUS KOLAROVIC | |
| =TSI_LI+RM1/123 | PLC | | 16-Sep-20 | MATUS KOLAROVIC | |
| =TSI_LI+RM1/124 | PLC | | 15-Sep-20 | MATUS KOLAROVIC | |
| =TSI_LI+RM1/125 | PLC -thermometer | | 15-Sep-20 | MATUS KOLAROVIC | |
| =TSI_LI+RM1/150 | PC | | 16-Sep-20 | MATUS KOLAROVIC | |
| =TSI_LI+RM1/151 | Networks | | 16-Sep-20 | MATUS KOLAROVIC | |
| =TSI_LI+MS2/200 | Panel layout | | 16-Sep-20 | MATUS KOLAROVIC | |
| =TSI_LI+MS2/201 | PLC | | 16-Sep-20 | MATUS KOLAROVIC | |
| =TSI_LI+MS2/202 | PLC | | 16-Sep-20 | MATUS KOLAROVIC | |
| =TSI_LI+MS2/204 | PLC | | 15-Sep-20 | MATUS KOLAROVIC | |
| =TSI_LI+MS2/205 | PLC | | 15-Sep-20 | MATUS KOLAROVIC | |

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F06_001

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Cable overview

F10_001

| Cable name | Source (from) | Target (to) | cable type | all conductors | Conductors used | Cross-section [mm] | Length [m] | function text | Graphical page of cable diagram |
|---------------------|--------------------------|-------------------------------|---------------------|----------------|-----------------|--------------------|------------|---------------|---------------------------------|
| =TSI_LI+RM1-101W7 | =TSI_LI+RM1-151HUB3 | =TSI_LI+MC-101U2 | 6XV1840-2AH10 | | 1 | | | | |
| =TSI_LI+RM1-102W0 | =TSI_LI+RM1-102X0 | =TSI_LI+Customer-L1 | | 5G | 5 | 6 | | | |
| | | =TSI_LI+Customer-L2 | | | | | | | |
| | | =TSI_LI+Customer-L3 | | | | | | | |
| | | =TSI_LI+Customer-N1 | | | | | | | |
| | | =TSI_LI+Customer-PE1 | | | | | | | |
| =TSI_LI+RM1-102W1 | | | | 5G | 0 | 4 | | | |
| =TSI_LI+RM1-102W6 | =TSI_LI+RM1-102Q6 | =TSI_LI+RM1-102XS6-PWR | Olflex Classic 100 | 4G | 3 | 1.5 | | | |
| | PE | | | | | | | | |
| =TSI_LI+RM1-102W7 | =TSI_LI+RM1-151HUB5 | =TSI_LI+RM1-102XS6-ETH1 | CAT5E | | 1 | | | | |
| =TSI_LI+RM1-102W7.1 | | =TSI_LI+RM1-102XS6-ETH2 | 6XV1840-2AH10 | | 1 | | | | |
| =TSI_LI+RM1-102W8.1 | =TSI_LI+RM1-102X0 | =TSI_LI+RM1-102HL8 | Rittal 2500.400 | | 3 | | | | |
| | =TSI_LI+RM1-102F8 | | | | | | | | |
| =TSI_LI+RM1-107W5 | =TSI_LI+RM1-106T2.1-X200 | =TSI_LI+RM1-107T1-X100 | 6SL3060-4AK00-0AA0 | | 1 | | | | |
| =TSI_LI+RM1-110W2.1 | | | 6FX5002-5DN06-1CA0 | | 0 | | | | |
| =TSI_LI+RM1-110W4 | =TSI_LI+RM1-110T2-X201 | =TSI_LI+MEASURING_STAND-106W5 | 6FX5002-2DC10-1CA0 | | 1 | | | | |
| =TSI_LI+RM1-110W6 | =TSI_LI+RM1-106T2.1-X201 | =TSI_LI+RM1-110T2-X200 | 6SL3060-4AK00-0AA0 | | 1 | | | | |
| =TSI_LI+RM1-115W5 | =TSI_LI+RM1-115PLC3 | =TSI_LI+RM1-120ET3 | 6XV1840-2AH10 | | 1 | | | | |
| =TSI_LI+RM1-115W5.1 | | =TSI_LI+RM1-115PLC3 | 6XV1840-2AH10 | | 1 | | | | |
| =TSI_LI+RM1-121W0 | =TSI_LI+RM1-121DI0 | =TSI_LI+RM1-121S0 | | 5G | 4 | 0.5 | | | |
| =TSI_LI+RM1-125W0 | =TSI_LI+RM1-125AI0 | =TSI_LI+RM1-125B0 | | | 2 | | | | |
| =TSI_LI+RM1-150W4 | =TSI_LI+RM1-150U3 | =TSI_LI+RM1-150U4-DPP | | | 1 | | | | |
| =TSI_LI+RM1-150W4.1 | =TSI_LI+RM1-150U4-USB | =TSI_LI+PANEL-150D0-USB | USB A-A M/M | | 1 | | | | |
| =TSI_LI+RM1-150W6 | =TSI_LI+RM1-151HUB3 | =TSI_LI+RM1-150U4-X1 | CAT5E | | 1 | | | | |
| =TSI_LI+RM1-150W7 | =TSI_LI+RM1-151HUB3 | =TSI_LI+RM1-150U4-X2 | 6XV1840-2AH10 | | 1 | | | | |
| =TSI_LI+RM1-150W8 | =TSI_LI+RM1-150U4-USB | =TSI_LI+RM1-150U7-X3 | USB A / USB B | | 1 | | | | |
| =TSI_LI+PANEL-150W2 | =TSI_LI+PANEL-150D0-USB | =TSI_LI+PANEL-150U1 | USB A-A M/F | | 1 | | | | |
| =TSI_LI+PANEL-150W3 | =TSI_LI+RM1-150U3 | =TSI_LI+PANEL-150D0-DVI | | | 1 | | | | |
| =TSI_LI+MS2-201W3 | | | ÖLFLEX® CLASSIC 110 | 5G | 3 | 0.75 | | | |
| | =TSI_LI+RM1-201X3 | =TSI_LI+MS2-201X3 | | | | | | | |
| =TSI_LI+MS2-202W0 | =TSI_LI+MS2-202DI0 | =TSI_LI+MS2-202S0 | | 5G | 4 | 0.5 | | | |
| =TSI_LI+MS2-207W0 | =TSI_LI-207Y0 | =TSI_LI+MS2-207DO0 | | 3G | 2 | 0.5 | | | |
| =TSI_LI+MS2-207W1 | =TSI_LI-207Y1 | =TSI_LI+MS2-207DO0 | | 3G | 2 | 0.5 | | | |
| =TSI_LI+MS2-207W2 | =TSI_LI-207Y2 | =TSI_LI+MS2-207DO0 | | 3G | 2 | 0.5 | | | |
| =TSI_LI+MS2-210W4 | =TSI_LI+MS2-210U3 | =TSI_LI+MS2-210X4 | SX0A-B0905G | | 9 | | | | |
| =TSI_LI+MS2-211W0 | =TSI_LI-211X0-1 | | | | 4 | | | | |
| =TSI_LI+MS2-211W0.1 | =TSI_LI-211X0-0 | =TSI_LI+MS2-204DI0 | | 21G | 15 | 0.5 | | | |
| | | =TSI_LI+MS2-205DI0 | | | | | | | |
| | | PE | | | | | | | |
| =TSI_LI+MS2-211W1 | =TSI_LI-211X0-2 | | | | 4 | | | | |
| =TSI_LI+MS2-211W3 | =TSI_LI-211X0-3 | | | | 4 | | | | |
| =TSI_LI+MS2-211W4 | =TSI_LI-211X0-4 | | | | 4 | | | | |
| =TSI_LI+MS2-211W5 | =TSI_LI-211X0-5 | | | | 4 | | | | |
| =TSI_LI+MS2-211W6 | =TSI_LI-211X0-6 | | | | 4 | | | | |
| =TSI_LI+MS2-212W3 | =TSI_LI+MS2-212X3.2 | =TSI_LI+MS2-212LLT3 | PC2700-4.5 | 6x2 | 12 | 0.14 | 4.5 | | |
| =TSI_LI+MS2-212W6 | | | SC2700-20/ET | | 0 | | 20 | | |

Parts list

F01_MEI

| Device tag | Quantity | Designation | Part number | Supplier | Function text | User notes |
|--------------------|----------|---|---------------------------|------------|----------------------|------------|
| | 6 | Y connector 2xM8 3-pin to 1xM12 4-pin | NEDY-L2R1-V1-M8G3-N-M12G4 | FESTO | | |
| =TSI_LI-211SM0 | 1 | Proximity Sensor NO | SME-8M-DS-24V-K-0,3-M8D | FESTO | Griper Open1 | |
| =TSI_LI-211SM0.1 | 1 | Proximity Sensor NO | SME-8M-DS-24V-K-0,3-M8D | FESTO | Griper Closed1 | |
| =TSI_LI-211SM1 | 1 | Proximity Sensor NO | SME-8M-DS-24V-K-0,3-M8D | FESTO | Griper Open2 | |
| =TSI_LI-211SM2 | 1 | Proximity Sensor NO | SME-8M-DS-24V-K-0,3-M8D | FESTO | Griper Closed2 | |
| =TSI_LI-211SM2.1 | 1 | Proximity Sensor NO | SME-8M-DS-24V-K-0,3-M8D | FESTO | Griper Open3 | |
| =TSI_LI-211SM3 | 1 | Proximity Sensor NO | SME-8M-DS-24V-K-0,3-M8D | FESTO | Griper Closed3 | |
| =TSI_LI-211SM4 | 1 | Proximity Sensor NO | SME-8M-DS-24V-K-0,3-M8D | FESTO | Griper Up1 | |
| =TSI_LI-211SM4.1 | 1 | Proximity Sensor NO | SME-8M-DS-24V-K-0,3-M8D | FESTO | Griper Down1 | |
| =TSI_LI-211SM5 | 1 | Proximity Sensor NO | SME-8M-DS-24V-K-0,3-M8D | FESTO | Griper Up2 | |
| =TSI_LI-211SM5.1 | 1 | Proximity Sensor NO | SME-8M-DS-24V-K-0,3-M8D | FESTO | Griper Down2 | |
| =TSI_LI-211SM6 | 1 | Proximity Sensor NO | SME-8M-DS-24V-K-0,3-M8D | FESTO | Griper Up3 | |
| =TSI_LI-211SM7 | 1 | Proximity Sensor NO | SME-8M-DS-24V-K-0,3-M8D | FESTO | Griper Down3 | |
| =TSI_LI-211X0 | 1 | Sensor-actuator passive distributor, M12, Hood version | SAI-8-M 5P M12 ZF III | Weidmüller | | |
| =TSI_LI-211X0 | 1 | Round plug-in connector M12, Screw connection, Straight | SAIS-4/7 | Weidmüller | | |
| =TSI_LI-207Y0 | 0 | | | | Gripper up | |
| =TSI_LI-207Y1 | 0 | | | | Gripper down | |
| =TSI_LI-207Y2 | 0 | | | | Gripper close | |
| =TSI_LI+RM1-104A1 | 1 | Electronic Current Monitoring | 9000-41034-0401000 | Murr | | |
| =TSI_LI+RM1-104A3 | 1 | Electronic Current Monitoring | 9000-41034-0401000 | Murr | | |
| =TSI_LI+RM1-125AI0 | 1 | BASEUNIT TYPE A0, BU15-P16+A10+2B | 6ES7193-6BP20-0BA0 | Siemens AG | | |
| =TSI_LI+RM1-125AI0 | 1 | ET 200SP, AI 4XRTD/TC 2-/3-/4-WIRE HF | 6ES7134-6JD00-0CA1 | Siemens AG | | |
| =TSI_LI+RM1-125AI0 | 1 | SIMATIC ET 200SP, shield terminal and shield support | 6ES7193-6SC00-1AM0 | Siemens AG | | |
| =TSI_LI+RM1-125B0 | 1 | Temperature sensors | Pt100-3 | ELKO EP | Temperature sensor | |
| =TSI_LI+RM1-121DI0 | 1 | BASEUNIT TYPE A0, BU15-P16+A10+2D | 6ES7193-6BP20-0DA0 | Siemens AG | | |
| =TSI_LI+RM1-121DI0 | 1 | ET 200SP, EL-MOD., F-DI 8X24VDC HF | 6ES7136-6BA00-0CA0 | Siemens AG | | |
| =TSI_LI+RM1-123DI0 | 1 | BASEUNIT TYPE A0, BU15-P16+A10+2B | 6ES7193-6BP20-0BA0 | Siemens AG | | |
| =TSI_LI+RM1-123DI0 | 1 | ET 200SP, DI 8X24VDC ST | 6ES7131-6BF00-0BA0 | Siemens AG | | |
| =TSI_LI+RM1-124DI0 | 1 | BASEUNIT TYPE A0, BU15-P16+A10+2B | 6ES7193-6BP20-0BA0 | Siemens AG | | |
| =TSI_LI+RM1-124DI0 | 1 | ET 200SP, DI 8X24VDC ST | 6ES7131-6BF00-0BA0 | Siemens AG | | |
| =TSI_LI+RM1-120ET2 | 1 | ET 200SP, IM155-6PN HF | 6ES7155-6AU00-0CN0 | Siemens AG | | |
| =TSI_LI+RM1-120ET2 | 1 | ET 200SP, Bus Adapter 2XRJ45 | 6ES7193-6AR00-0AA0 | Siemens AG | | |
| =TSI_LI+RM1-120ET3 | 1 | ET 200SP, IM155-6PN HF | 6ES7155-6AU00-0CN0 | Siemens AG | | |
| =TSI_LI+RM1-120ET3 | 1 | ET 200SP, Bus Adapter 2XRJ45 | 6ES7193-6AR00-0AA0 | Siemens AG | | |
| =TSI_LI+RM1-120ET3 | 2 | Industrial Ethernet FastConnect RJ45 plug 180 2x 2 | 6GK1901-1BB10-2AB0 | Siemens AG | | |
| =TSI_LI+RM1-101F5 | 1 | CIRCUIT BREAKER 400V 6KA, 3-POLE, C, 1A, D=70MM | 5SY6301-7 | Siemens AG | | |
| =TSI_LI+RM1-101F5 | 1 | AUXILIARY SWITCH MOUNT. 1NC+1NO | 5ST3010 | Siemens AG | | |
| =TSI_LI+RM1-101F5 | 1 | Pin busbar, 10 mm2 connection: 2x (3-phase+AUX/FS) touch-safe | 5ST3616 | Siemens AG | | |
| =TSI_LI+RM1-102F0 | 1 | CIRCUIT BREAKER 400V 6KA, 3-POLE, B,32A, D=70MM | 5SY6332-6 | Siemens AG | Main circuit breaker | |
| =TSI_LI+RM1-102F0 | 1 | AUXILIARY SWITCH MOUNT. 1NC+1NO | 5ST3010 | Siemens AG | = | |
| =TSI_LI+RM1-102F0 | 1 | Pin busbar, 10 mm2 connection: 2x (3-phase+AUX/FS) touch-safe | 5ST3616 | Siemens AG | = | |
| =TSI_LI+RM1-102F2 | 1 | CIRCUIT BREAKER, SCREW-TYPE, 25 A | 3RV2031-4UA10 | Siemens AG | | |
| =TSI_LI+RM1-102F2 | 1 | LATERAL AUXILIARY SWITCH 1NO+1NC, SCREW CONNECTION, | 3RV2901-1A | Siemens AG | | |
| =TSI_LI+RM1-102F3 | 1 | CIRCUIT BREAKER 230/400V 6KA, 1-POLE, C, 1A, D=70MM | 5SY6101-7 | Siemens AG | | |
| =TSI_LI+RM1-102F3 | 1 | AUXILIARY SWITCH MOUNT. 1NC+1NO | 5ST3010 | Siemens AG | | |
| =TSI_LI+RM1-102F3 | 1 | Pin busbar, 10 mm2 connection: 2x (1-phase+AUX/FS) touch-safe | 5ST3603 | Siemens AG | | |
| =TSI_LI+RM1-102F6 | 1 | CIRCUIT BREAKER 230/400V 6KA, 1-POLE, C, 10A, D=70MM | 5SY6110-7 | Siemens AG | | |
| =TSI_LI+RM1-102F6 | 1 | AUXILIARY SWITCH MOUNT. 1NC+1NO | 5ST3010 | Siemens AG | | |
| =TSI_LI+RM1-102F6 | 1 | Pin busbar, 10 mm2 connection: 2x (1-phase+AUX/FS) touch-safe | 5ST3603 | Siemens AG | | |
| =TSI_LI+RM1-102F8 | 1 | CIRCUIT BREAKER 230/400V 6KA, 1-POLE, C, 4A, D=70MM | 5SY6104-7 | Siemens AG | | |
| =TSI_LI+RM1-102F8 | 1 | AUXILIARY SWITCH MOUNT. 1NC+1NO | 5ST3010 | Siemens AG | | |
| =TSI_LI+RM1-102F8 | 1 | Pin busbar, 10 mm2 connection: 2x (1-phase+AUX/FS) touch-safe | 5ST3603 | Siemens AG | | |
| =TSI_LI+RM1-104F1 | 1 | CIRCUIT BREAKER 230/400V 6KA, 1-POLE, C, 10A, D=70MM | 5SY6110-7 | Siemens AG | | |
| =TSI_LI+RM1-104F1 | 1 | AUXILIARY SWITCH MOUNT. 1NC+1NO | 5ST3010 | Siemens AG | | |
| =TSI_LI+RM1-104F1 | 1 | Pin busbar, 10 mm2 connection: 2x (1-phase+AUX/FS) touch-safe | 5ST3603 | Siemens AG | | |
| =TSI_LI+RM1-104F7 | 1 | CIRCUIT BREAKER 400V 6KA, 3-POLE, C, 10A, D=70MM | 5SY6310-7 | Siemens AG | | |

Parts list

F01_MEI

| Device tag | Quantity | Designation | Part number | Supplier | Function text | User notes |
|---------------------|----------|---|-------------------------------|------------|--------------------------------|-------------------|
| =TSI_LI+RM1-104F7 | 1 | AUXILIARY SWITCH MOUNT. 1NC+1NO | 5ST3010 | Siemens AG | | |
| =TSI_LI+RM1-106F3 | 1 | CIRCUIT BREAKER, SCREW-TYPE, 25 A | 3RV2031-4UA10 | Siemens AG | | |
| =TSI_LI+RM1-106F3 | 1 | LATERAL AUXILIARY SWITCH 1NO+1NC, SCREW CONNECTION, | 3RV2901-1A | Siemens AG | | |
| =TSI_LI+RM1-104G1 | 1 | SITOP PSU200M 10 A STABILIZED POWER SUPPLY | 6EP1334-3BA10 | Siemens AG | | |
| =TSI_LI+RM1-102HL3 | 1 | INDICATOR LIGHT, WHITE | 3SU1156-6AA60-1AA0 | Siemens AG | Cabinet under voltage | |
| =TSI_LI+RM1-102HL3 | 1 | LABEL HOLDER 27x27mm | 3SU1900-0AT10-0AA0 | Siemens AG | = | |
| =TSI_LI+RM1-102HL8 | 1 | Universal light with integral motion detector | SZ 2500.300 | Rittal | Cabinet light | |
| =TSI_LI+RM1-151HUB3 | 1 | SCALANCE X208, MANAGED IE SWITCH, 8 X 10/100MBIT/S RJ45 PORTS | 6GK5208-0BA10-2AA3 | Siemens AG | | |
| =TSI_LI+RM1-151HUB5 | 1 | SCALANCE X208, MANAGED IE SWITCH, 8 X 10/100MBIT/S RJ45 PORTS | 6GK5208-0BA10-2AA3 | Siemens AG | | |
| =TSI_LI+RM1-101L2 | 1 | Current measuring transformer 75/5A; 3,75VA | ASR 21.5 | Rotex | | |
| =TSI_LI+RM1-101L3 | 1 | Current measuring transformer 75/5A; 3,75VA | ASR 21.5 | Rotex | | |
| =TSI_LI+RM1-101L4 | 1 | Current measuring transformer 75/5A; 3,75VA | ASR 21.5 | Rotex | | |
| =TSI_LI+RM1-100M1 | 1 | Electrical cabinet / Mounting panel | 8805.500 | Rittal | | |
| =TSI_LI+RM1-104M7 | 1 | Cooling unit 2500 W, 400/460V, 50/60Hz | DTS6501 | Elektris | | |
| =TSI_LI+RM1-115PLC3 | 1 | CPU 1516F-3 PN/DP, 1.5 MB PROG, 5 MB DATA | 6ES7516-3FN02-0AB0 | Siemens AG | | |
| =TSI_LI+RM1-115PLC3 | 1 | SIMATIC S7 MEMORY CARD, 256 MB | 6ES7954-8LL03-0AA0 | Siemens AG | | |
| =TSI_LI+RM1-115PLC3 | 1 | MOUNTING RAIL 245MM (9.6") | 6ES7590-1AC40-0AA0 | Siemens AG | | |
| =TSI_LI+RM1-102Q0 | 1 | EM.STOP SWITCH 63A/690V 400V/22KW | 3LD2504-0TK53 | Siemens AG | Main switch | |
| =TSI_LI+RM1-102Q4 | 1 | RCCB TYPE A 16/2 30MA 2MW | 5SV3311-6 | Siemens AG | | |
| =TSI_LI+RM1-102Q5 | 1 | RCCB TYPE A 16/2 30MA 2MW | 5SV3311-6 | Siemens AG | | |
| =TSI_LI+RM1-102Q6 | 1 | RCCB TYPE A 16/2 30MA 2MW | 5SV3311-6 | Siemens AG | | |
| =TSI_LI+RM1-102Q7 | 1 | RCCB TYPE A 16/2 30MA 2MW | 5SV3311-6 | Siemens AG | | |
| =TSI_LI+RM1-104S8 | 1 | Door-operated switch with 0.6m cable | SZ 4315.520 | Rittal | Main cabinet door switch | |
| =TSI_LI+RM1-121S0 | 1 | EM. STOP MUSHROOM PUSHBUTTON, 40MM, RED | 3SU1050-1HB20-0AA0 | Siemens AG | Emergency stop1 (Main cabinet) | |
| =TSI_LI+RM1-121S0 | 1 | CONTACT MODULE | 3SU1400-1AA10-1EA0 | Siemens AG | = | |
| =TSI_LI+RM1-121S0 | 1 | HOLDER | 3SU1550-0AA10-0AA0 | Siemens AG | = | |
| =TSI_LI+RM1-121S0 | 1 | BACKING PLATE FOR EMERGEN.-STOP | 3SU1900-0BC31-0NB0 | Siemens AG | = | |
| =TSI_LI+RM1-121S0 | 1 | PROTECTIVE COLLAR FOR PADLOCKS | 3SU1950-0DX30-0AA0 | Siemens AG | = | |
| =TSI_LI+RM1-106T2 | 1 | SINAMICS S120 AIM 400V 36KW | 6SL3100-0BE23-6AB0 | Siemens AG | | |
| =TSI_LI+RM1-106T2.1 | 1 | SINAMICS S120 ACTIVE LINE MODULE 60A, 36KW | 6SL3130-7TE23-6AA3 | Siemens AG | | |
| =TSI_LI+RM1-107T1 | 1 | SINAMICS S120 CONTROL UNIT CU320-2 PN | 6SL3040-1MA01-0AA0 | Siemens AG | | S120 Control unit |
| =TSI_LI+RM1-107T1 | 1 | SINAMICS S120 COMPACTFLASH CARD V5.1 | 6SL3054-0FB01-1BA0 | Siemens AG | | S120 Control unit |
| =TSI_LI+RM1-107T1 | 1 | SINAMICS S120 BASIC OPERATOR PANEL (BOP20) | 6SL3055-0AA00-4BA0 | Siemens AG | | S120 Control unit |
| =TSI_LI+RM1-110T2 | 1 | SINAMICS S120 SINGLE MOMO 3A D-TYPE | 6SL3120-1TE13-0AD0 | Siemens AG | Rotary table | |
| =TSI_LI+RM1-101U2 | 1 | SETRON PAC3200 POWER MONITORING DEVICE | 7KM2111-1BA00-3AA0 | Siemens AG | | |
| =TSI_LI+RM1-101U2 | 1 | PLUG-IN COMMUNICATIONS MODULE SWITCHED ETHERNET PROFINET | 7KM9300-0AE00-0AA0 | Siemens AG | | |
| =TSI_LI+RM1-150U3 | 1 | DP to DVI-D Adapter | 6ES7648-3AF00-0XA0 | Siemens AG | | |
| =TSI_LI+RM1-150U4 | 1 | SIMATIC IPC427E (Microbox PC) | 6AG4141-5BG44-0FA0 | Siemens AG | | |
| =TSI_LI+RM1-150U4 | 1 | Gigabit dual port network adapter (PCIe) | Intel I350T2v2 Server Adapter | Intel | | |
| =TSI_LI+RM1-150U4 | 1 | Vertical mounting kit | 6ES7648-1AA20-0YP0 | Siemens AG | | |
| =TSI_LI+RM1-150U7 | 1 | SITOP UPS500S SERVICE-FREE UNINTERRUPTIBLE POWER SUPPLY | 6EP1933-2EC51 | Siemens AG | | |
| =TSI_LI+RM1-102X0 | 0 | | | | | |
| =TSI_LI+RM1-102X0 | 1 | End clamp with label | BS/35 | WIELAND | | |
| =TSI_LI+RM1-102X1 | 0 | | | | | |
| =TSI_LI+RM1-102X1 | 1 | End clamp with label | BS/35 | WIELAND | | |
| =TSI_LI+RM1-104X1 | 1 | End clamp with label | BS/35 | WIELAND | | |
| =TSI_LI+RM1-104X4 | 1 | End clamp with label | BS/35 | WIELAND | | |
| =TSI_LI+RM1-102XS4 | 1 | SCHUKO SOCKET 16A 3-POLE | 5TE6803 | Siemens AG | Service socket | |
| =TSI_LI+RM1-102XS6 | 1 | FrontCom, Single frame, Metal cover | IE-FC-SFM-KNOB | Weidmüller | Cabinet wall-mounted sockets | |
| =TSI_LI+RM1-102XS6 | 1 | FrontCom, Insert plate, shielded, 1x Power, 2x data | IE-FC-SP-PWB/2ST | Weidmüller | = | |
| =TSI_LI+RM1-102XS6 | 1 | FrontCom, Insert Power large, Type F, Socket connector, DE | IE-FCI-PWB-DE | Weidmüller | = | |
| =TSI_LI+RM1-102XS6 | 1 | FrontCom, Touch-safe protection (e.g. for socket inserts) | IE-FC-PWPC | Weidmüller | = | |
| =TSI_LI+RM1-102XS6 | 2 | RJ45 plug-in connector, Bulkhead inserts coupler | IE-BI-RJ45-C | Weidmüller | = | |
| =TSI_LI+RM1-102XS6 | 1 | Industrial Ethernet FastConnect RJ45 plug 180 2x 2 | 6GK1901-1BB10-2AB0 | Siemens AG | = | |
| =TSI_LI+PANEL-150D0 | 1 | SIMATIC IFP1900 PRO HD LR Flat Panel 19" | 6AV7466-6MA02-0CS0 | Siemens AG | | |
| =TSI_LI+PANEL-150D0 | 1 | EXTENSION UNIT 19" | 6AV7674-0KH00-0AA0 | Siemens AG | | |

Summarized parts list

F02_001

| Order number | Quantity | Description Designation | Type number Part number | Manufacturer Supplier | Unit price | Total price | Pos |
|--------------------|----------|---|--|--------------------------|------------|-------------|-----|
| 8005311 | 6 | Y connector 2xM8 3-pin to 1xM12 4-pin | NEDY-L2R1-V1-M8G3-N-M12G4 NEDY-L2R1-V1-M8G3-N-M12G4 | FESTO FESTO | 0.00 | 0.00 | |
| 543861 | 12 | Proximity Sensor NO | SME-8M-DS-24V-K-0,3-M8D SME-8M-DS-24V-K-0,3-M8D | FESTO FESTO | 0.00 | 0.00 | |
| 1767880000 | 1 | Sensor-actuator passive distributor, M12, Hood version | SAI-8-M 5P M12 ZF III SAI-8-M 5P M12 ZF III | Weidmüller Weidmüller | 0.00 | 0.00 | |
| 9457550000 | 1 | Round plug-in connector M12, Screw connection, Straight | SAIS-4/7 SAIS-4/7 | Weidmüller Weidmüller | 0.00 | 0.00 | |
| | 0 | | | | | 0.00 | |
| 9000-41034-0401000 | 2 | Electronic Current Monitoring | Mico+ 4.10 9000-41034-0401000 | Murr Murr | 0.00 | 0.00 | |
| 6ES7193-6BP20-0BA0 | 6 | BASEUNIT TYPE A0, BU15-P16+A10+2B | 6ES7193-6BP20-0BA0 6ES7193-6BP20-0BA0 | SIE SIE | 0.00 | 0.00 | |
| 6ES7134-6JD00-0CA1 | 1 | ET 200SP, AI 4XRTD/TC 2-/3-/4-WIRE HF | 6ES7134-6JD00-0CA1 6ES7134-6JD00-0CA1 | SIE SIE | 0.00 | 0.00 | |
| 6ES7193-6SC00-1AM0 | pcs 1 | SIMATIC ET 200SP, shield terminal and shield support | 6ES7193-6SC00-1AM0 6ES7193-6SC00-1AM0 | SIE SIE | 0.00 | 0.00 | |
| Pt100-3 | 1 | Temperature sensors | Pt100-3 Pt100-3 | ELKO EP ELKO EP | 0.00 | 0.00 | |
| 6ES7193-6BP20-0DA0 | 2 | BASEUNIT TYPE A0, BU15-P16+A10+2D | 6ES7193-6BP20-0DA0 6ES7193-6BP20-0DA0 | SIE SIE | 0.00 | 0.00 | |
| 6ES7136-6BA00-0CA0 | 2 | ET 200SP, EL-MOD., F-DI 8X24VDC HF | 6ES7136-6BA00-0CA0 6ES7136-6BA00-0CA0 | SIE SIE | 0.00 | 0.00 | |
| 6ES7131-6BF00-0BA0 | 4 | ET 200SP, DI 8X24VDC ST | 6ES7131-6BF00-0BA0 6ES7131-6BF00-0BA0 | SIE SIE | 0.00 | 0.00 | |
| 6ES7155-6AU00-0CN0 | 4 | ET 200SP, IM155-6PN HF | 6ES7155-6AU00-0CN0 6ES7155-6AU00-0CN0 | SIE SIE | 0.00 | 0.00 | |
| 6ES7193-6AR00-0AA0 | 3 | ET 200SP, Bus Adapter 2XRJ45 | 6ES7193-6AR00-0AA0 6ES7193-6AR00-0AA0 | SIE SIE | 0.00 | 0.00 | |
| 6GK1901-1BB10-2AB0 | pcs 5 | Industrial Ethernet FastConnect RJ45 plug 180 2x 2 | 6GK1901-1BB10-2AB0 6GK1901-1BB10-2AB0 | SIE SIE | 9.52 | 95.20 | |
| 5SY6301-7 | 1 | CIRCUIT BREAKER 400V 6KA, 3-POLE, C, 1A, D=70MM | 5SY6301-7 5SY6301-7 | Siemens AG Siemens AG | 0.00 | 0.00 | |
| 5ST3010 | 7 | AUXILIARY SWITCH MOUNT. 1NC+1NO | 5ST3010 5ST3010 | Siemens AG Siemens AG | 0.00 | 0.00 | |
| 5ST3616 | 2 | Pin busbar, 10 mm2 connection: 2x (3-phase+AUX/FS) touch-safe | 5ST3616 5ST3616 | Siemens AG Siemens AG | 0.00 | 0.00 | |

Summarized parts list

F02_001

| Order number | Quantity | Description Designation | Type number Part number | Manufacturer Supplier | Unit price | Total price | Pos |
|--------------------|----------|---|--|--------------------------|------------|-------------|-----|
| 5SY6332-6 | 1 | CIRCUIT BREAKER 400V 6KA, 3-POLE, B,32A, D=70MM | 5SY6332-6 5SY6332-6 | Siemens AG Siemens AG | 0.00 | 0.00 | |
| 3RV2031-4UA10 | 2 | CIRCUIT BREAKER, SCREW-TYPE, 25 A | 3RV2031-4UA10 3RV2031-4UA10 | SIE SIE | 0.00 | 0.00 | |
| 3RV29011A | pcs 2 | LATERAL AUXILIARY SWITCH 1NO+1NC, SCREW CONNECTION, | 3RV2901-1A 3RV2901-1A | Siemens AG Siemens AG | 0.00 | 0.00 | |
| 5SY6101-7 | 1 | CIRCUIT BREAKER 230/400V 6KA, 1-POLE, C, 1A, D=70MM | 5SY6101-7 5SY6101-7 | Siemens AG Siemens AG | 0.00 | 0.00 | |
| 5ST3603 | 4 | Pin busbar, 10 mm2 connection: 2x (1-phase+AUX/FS) touch-safe | 5ST3603 5ST3603 | Siemens AG Siemens AG | 0.00 | 0.00 | |
| 5SY6110-7 | 2 | CIRCUIT BREAKER 230/400V 6KA, 1-POLE, C, 10A, D=70MM | 5SY6110-7 5SY6110-7 | Siemens AG Siemens AG | 0.00 | 0.00 | |
| 5SY6104-7 | 1 | CIRCUIT BREAKER 230/400V 6KA, 1-POLE, C, 4A, D=70MM | 5SY6104-7 5SY6104-7 | Siemens AG Siemens AG | 0.00 | 0.00 | |
| 5SY6310-7 | 1 | CIRCUIT BREAKER 400V 6KA, 3-POLE, C, 10A, D=70MM | 5SY6310-7 5SY6310-7 | Siemens AG Siemens AG | 0.00 | 0.00 | |
| 6EP13343BA10 | 1 | SITOP PSU200M 10 A STABILIZED POWER SUPPLY | 6EP1334-3BA10 6EP1334-3BA10 | Siemens AG Siemens AG | 0.00 | 0.00 | |
| 3SU1156-6AA60-1AA0 | 1 | INDICATOR LIGHT, WHITE | 3SU1156-6AA60-1AA0 3SU1156-6AA60-1AA0 | Siemens AG Siemens AG | 0.00 | 0.00 | |
| 3SU1900-0AT10-0AA0 | 1 | LABEL HOLDER 27x27mm | 3SU1900-0AT10-0AA0 3SU1900-0AT10-0AA0 | Siemens AG Siemens AG | 0.00 | 0.00 | |
| SZ 2500.300 | 1 | Universal light with integral motion detector | SZ 2500.300 SZ 2500.300 | Rittal Rittal | 0.00 | 0.00 | |
| 6GK52080BA102AA3 | 2 | SCALANCE X208, MANAGED IE SWITCH, 8 X 10/100MBIT/S RJ45 PORTS | 6GK5208-0BA10-2AA3 6GK5208-0BA10-2AA3 | Siemens AG Siemens AG | 0.00 | 0.00 | |
| 93057 | 3 | Current measuring transformer 75/5A; 3,75VA | ASR 21.5 ASR 21.5 | MBS Rotex | 0.00 | 0.00 | |
| 8805.500 | 1 | Electrical cabinet / Mounting panel | 8805.500 8805.500 | Rittal Rittal | 0.00 | 0.00 | |
| 13886522055 | 1 | Cooling unit 2500 W, 400/460V, 50/60Hz | DTS6501 DTS6501 | Pfannenberg Elektris | 0.00 | 0.00 | |
| 6ES7518-4FP00-4AB0 | 1 | CPU 1516F-3 PN/DP, 1.5 MB PROG, 5 MB DATA | 6ES7516-3FN02-0AB0 6ES7516-3FN02-0AB0 | Siemens AG Siemens AG | 0.00 | 0.00 | |
| 6ES7954-8LL03-0AA0 | 1 | SIMATIC S7 MEMORY CARD, 256 MB | 6ES7954-8LL03-0AA0 6ES7954-8LL03-0AA0 | Siemens AG Siemens AG | 0.00 | 0.00 | |
| 6ES7590-1AC40-0AA0 | 1 | MOUNTING RAIL 245MM (9.6") | 6ES7590-1AC40-0AA0 6ES7590-1AC40-0AA0 | Siemens AG Siemens AG | 0.00 | 0.00 | |

Summarized parts list

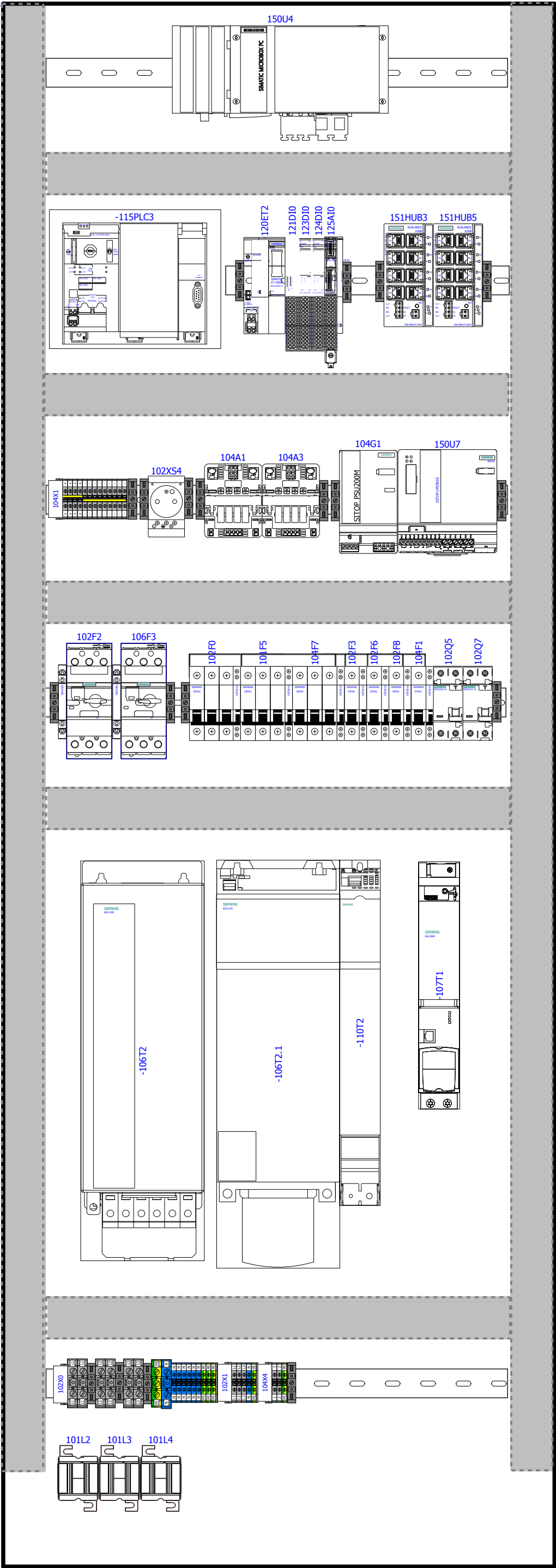
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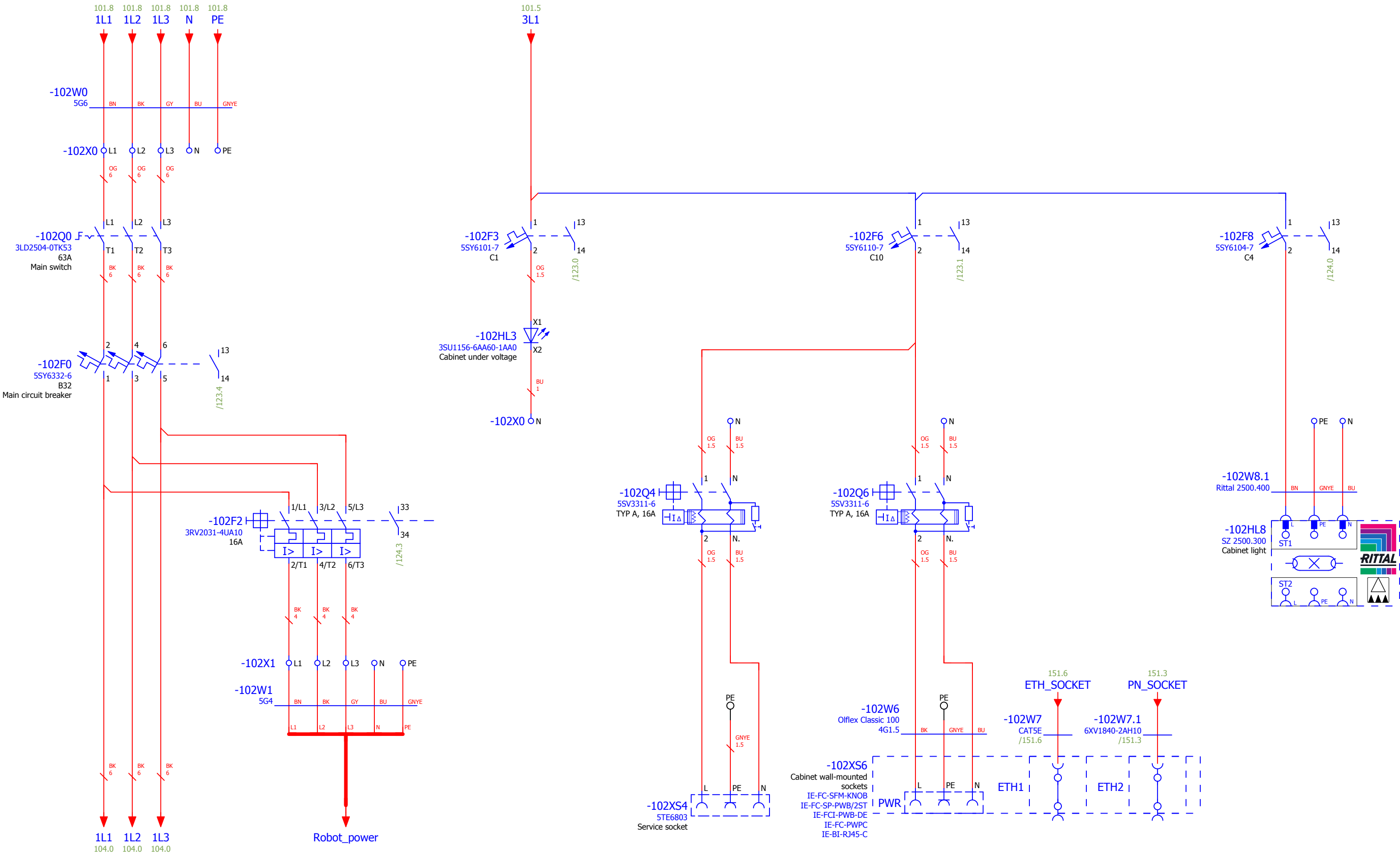
| Order number | Quantity | Description Designation | Type number Part number | Manufacturer Supplier | Unit price | Total price | Pos |
|--------------------|----------|--|---|--------------------------|------------|-------------|-----|
| 3LD2504-0TK53 | 1 | EM.STOP SWITCH 63A/690V 400V/22KW | 3LD2504-0TK53 3LD2504-0TK53 | Siemens AG Siemens AG | 0.00 | 0.00 | |
| 5SV3311-6 | 4 | RCCB TYPE A 16/2 30MA 2MW | 5SV3311-6 5SV3311-6 | Siemens AG Siemens AG | 0.00 | 0.00 | |
| SZ 4315.520 | 1 | Door-operated switch with 0.6m cable | SZ 4315.520 SZ 4315.520 | Rittal Rittal | 0.00 | 0.00 | |
| 3SU1050-1HB20-0AA0 | 2 | EM. STOP MUSHROOM PUSHBUTTON, 40MM, RED | 3SU1050-1HB20-0AA0 3SU1050-1HB20-0AA0 | Siemens AG Siemens AG | 0.00 | 0.00 | |
| 3SU1400-1AA10-1EA0 | 2 | CONTACT MODULE | 3SU1400-1AA10-1EA0 3SU1400-1AA10-1EA0 | Siemens AG Siemens AG | 0.00 | 0.00 | |
| 3SU1550-0AA10-0AA0 | 2 | HOLDER | 3SU1550-0AA10-0AA0 3SU1550-0AA10-0AA0 | Siemens AG Siemens AG | 0.00 | 0.00 | |
| 3SU1900-0BC31-0NB0 | 2 | BACKING PLATE FOR EMERGEN.-STOP | 3SU1900-0BC31-0NB0 3SU1900-0BC31-0NB0 | Siemens AG Siemens AG | 0.00 | 0.00 | |
| 3SU1950-0DX30-0AA0 | 2 | PROTECTIVE COLLAR FOR PADLOCKS | 3SU1950-0DX30-0AA0 3SU1950-0DX30-0AA0 | SIE SIE | 0.00 | 0.00 | |
| 6SL3100-0BE23-6AB0 | ST 1 | SINAMICS S120 AIM 400V 36KW | 6SL3100-0BE23-6AB0 6SL3100-0BE23-6AB0 | SIE SIE | 0.00 | 0.00 | |
| 6SL3130-7TE23-6AA3 | ST 1 | SINAMICS S120 ACTIVE LINE MODULE 60A, 36KW | 6SL3130-7TE23-6AA3 6SL3130-7TE23-6AA3 | SIE SIE | 0.00 | 0.00 | |
| 6SL3040-1MA01-0AA0 | ST 1 | SINAMICS S120 CONTROL UNIT CU320-2 PN | 6SL3040-1MA01-0AA0 6SL3040-1MA01-0AA0 | Siemens AG Siemens AG | 0.00 | 0.00 | |
| 6SL3054-0FB01-1BA0 | 1 | SINAMICS S120 COMPACTFLASH CARD V5.1 | 6SL3054-0FB01-1BA0 6SL3054-0FB01-1BA0 | Siemens AG Siemens AG | 0.00 | 0.00 | |
| 6SL3055-0AA00-4BA0 | 1 | SINAMICS S120 BASIC OPERATOR PANEL (BOP20) | 6SL3055-0AA00-4BA0 6SL3055-0AA00-4BA0 | Siemens AG Siemens AG | 0.00 | 0.00 | |
| 6SL3120-1TE13-0AD0 | ST 1 | SINAMICS S120 SINGLE MOMO 3A D-TYPE | 6SL3120-1TE13-0AD0 6SL3120-1TE13-0AD0 | SIE SIE | 0.00 | 0.00 | |
| 7KM2111-1BA00-3AA0 | 1 | SENTRON PAC3200 POWER MONITORING DEVICE | 7KM2111-1BA00-3AA0 7KM2111-1BA00-3AA0 | Siemens AG Siemens AG | 0.00 | 0.00 | |
| 7KM9300-0AE00-0AA0 | 1 | PLUG-IN COMMUNICATIONS MODULE SWITCHED ETHERNET PROFINET | 7KM9300-0AE00-0AA0 7KM9300-0AE00-0AA0 | Siemens AG Siemens AG | 0.00 | 0.00 | |
| 6ES7648-3AF00-0XA0 | 1 | DP to DVI-D Adapter | 6ES7648-3AF00-0XA0 6ES7648-3AF00-0XA0 | Siemens AG Siemens AG | 0.00 | 0.00 | |
| 6AG4141-5BG44-0FA0 | 1 | SIMATIC IPC427E (Microbox PC) | 6AG4141-5BG44-0FA0 6AG4141-5BG44-0FA0 | Siemens AG Siemens AG | 0.00 | 0.00 | |
| I350T2V2 | 1 | Gigabit dual port network adapter (PCIe) | Intel I350T2v2 Intel I350T2v2 Server Adapter | Intel Intel | 0.00 | 0.00 | |

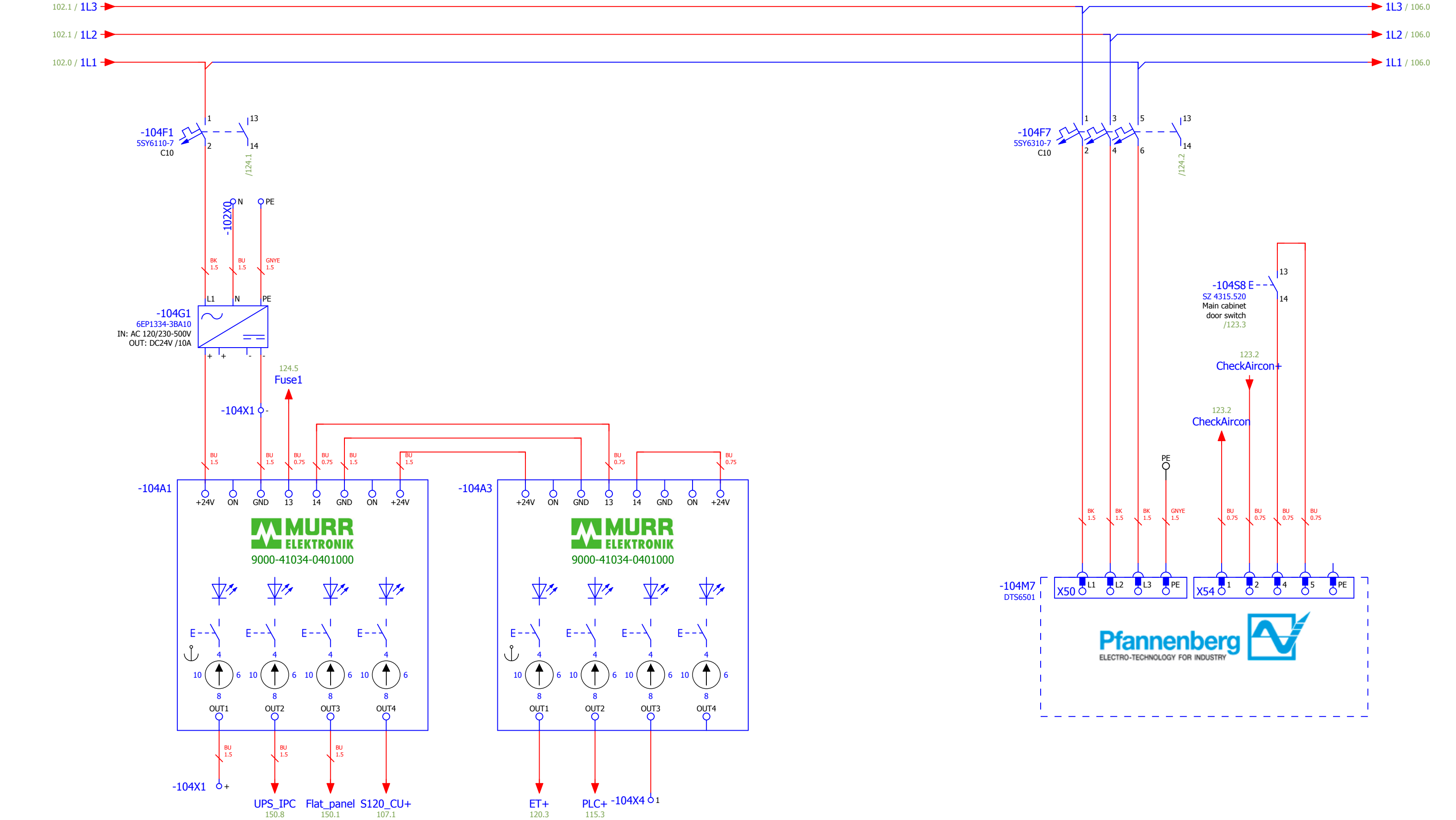
Summarized parts list

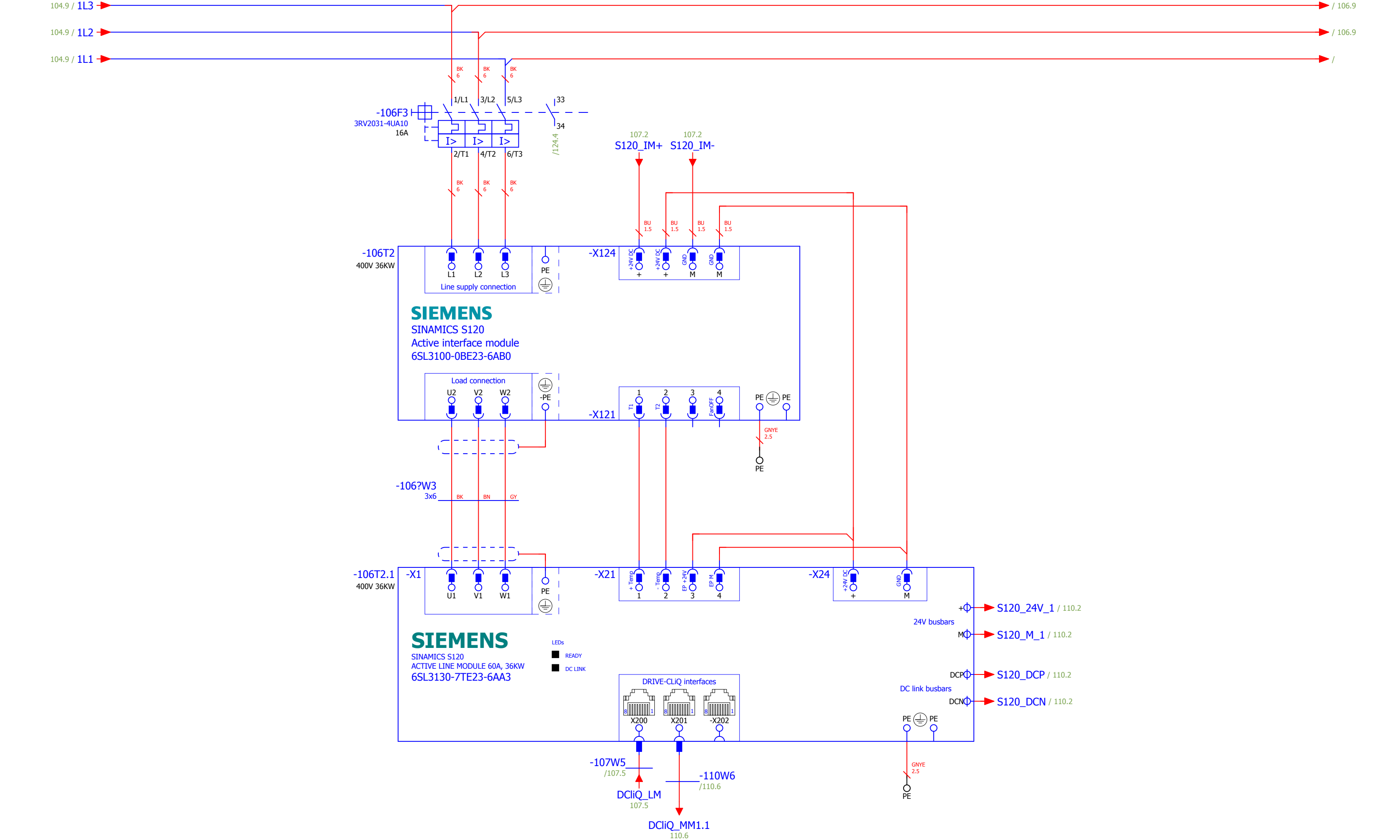
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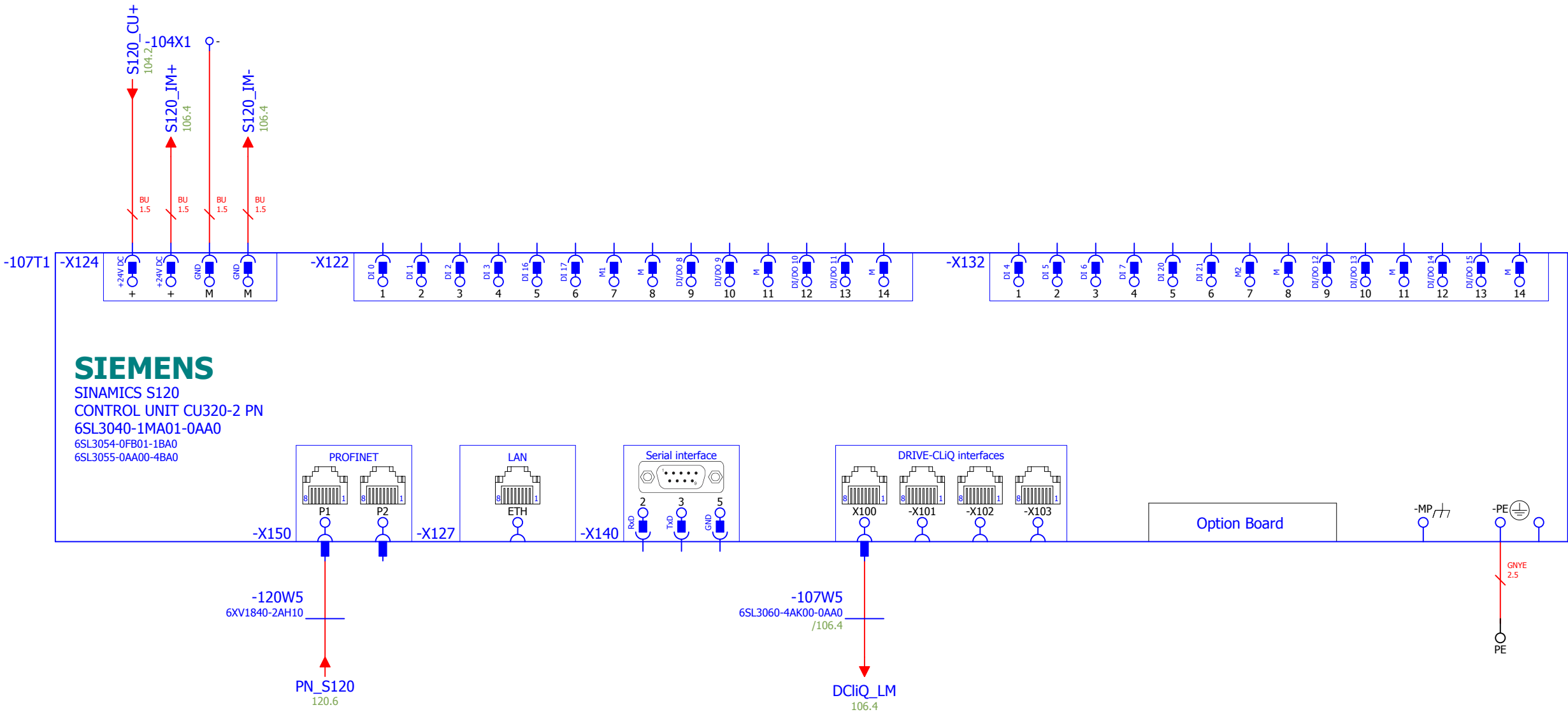
| Order number | Quantity | Description Designation | Type number Part number | Manufacturer Supplier | Unit price | Total price | Pos |
|----------------------|----------|--|--|--------------------------------|------------|-------------|-----|
| 6ES7648-1AA20-0YP0 | 1 | Vertical mounting kit | 6ES7648-1AA20-0YP0 6ES7648-1AA20-0YP0 | Siemens AG Siemens AG | 0.00 | 0.00 | |
| 6EP19332EC51 | 1 | SITOP UPS500S SERVICE-FREE UNINTERRUPTIBLE POWER SUPPLY | 6EP1933-2EC51 6EP1933-2EC51 | Siemens AG Siemens AG | 0.00 | 0.00 | |
| 69.920.0553.0 | pcs 8 | End clamp with label | BS/35 BS/35 | Wieland Wieland | 0.00 | 0.00 | |
| 5TE6803 | 1 | SCHUKO SOCKET 16A 3-POLE | 5TE6803 5TE6803 | Siemens AG Siemens AG | 0.00 | 0.00 | |
| 1450530000 | 1 | FrontCom, Single frame, Metal cover | IE-FC-SFM-KNOB IE-FC-SFM-KNOB | Weidmüller Weidmüller | 0.00 | 0.00 | |
| 1450550000 | 1 | FrontCom, Insert plate, shielded, 1x Power, 2x data | IE-FC-SP-PWB/2ST IE-FC-SP-PWB/2ST | Weidmüller Weidmüller | 0.00 | 0.00 | |
| 1450730000 | 1 | FrontCom, Insert Power large, Type F, Socket connector, DE | IE-FCI-PWB-DE IE-FCI-PWB-DE | Weidmüller Weidmüller | 0.00 | 0.00 | |
| 1450820000 | 1 | FrontCom, Touch-safe protection (e.g. for socket inserts) | IE-FC-PWPC IE-FC-PWPC | Weidmüller Weidmüller | 0.00 | 0.00 | |
| 1962840000 | 2 | RJ45 plug-in connector, Bulkhead inserts coupler | IE-BI-RJ45-C IE-BI-RJ45-C | Weidmüller Weidmüller | 0.00 | 0.00 | |
| 6AV7466-6MA02-0CS0 | 1 | SIMATIC IFP1900 PRO HD LR Flat Panel 19" | 6AV7466-6MA02-0CS0 6AV7466-6MA02-0CS0 | Siemens AG Siemens AG | 0.00 | 0.00 | |
| 6AV7674-0KH00-0AA0 | pcs 1 | EXTENSION UNIT 19" | 6AV7674-0KH00-0AA0 6AV7674-0KH00-0AA0 | SIE SIE | 0.00 | 0.00 | |
| PERIBOARD-514H PLUS | 1 | Keyboard with optical trackball | PERIBOARD-514H PLUS PERIBOARD-514H PLUS | Perixx Elvac | 0.00 | 0.00 | |
| 6ES7132-6BF00-0BA0 | 1 | ET 200SP, DQ 8X24VDC/0,5A ST | 6ES7132-6BF00-0BA0 6ES7132-6BF00-0BA0 | SIE SIE | 0.00 | 0.00 | |
| 6ES7193-6BP20-0DC0 | 1 | BASEUNIT TYP C0, BU20-P6+A2+4D | 6ES7193-6BP20-0DC0 6ES7193-6BP20-0DC0 | Siemens AG Siemens AG | 0.00 | 0.00 | |
| 6ES7136-6PA00-0BC0 | 1 | F-PM-E 24V DC/8A PPM ST | 6ES7136-6PA00-0BC0 6ES7136-6PA00-0BC0 | Siemens AG Siemens AG | 0.00 | 0.00 | |
| 3RT2015-1BB41 | 1 | CONTACTOR, AC-3, 3KW/400V, 1NO, DC 24V, | 3RT2015-1BB41 3RT2015-1BB41 | Siemens AG Siemens AG | 0.00 | 0.00 | |
| scanControl 2950-100 | 1 | Laser line sensor scanControl 2950-100 | LLT 2950-100 LLT 2950-100 | Micro-Epsilon Micro-Epsilon | 0.00 | 0.00 | |
| 3SB36020AA11 | 2 | 22MM METAL ROUND COMPLETE UNIT COMBINATION: | 3SB3602-0AA11 3SB3602-0AA11 | Siemens AG Siemens AG | 0.00 | 0.00 | |
| 3SB3925-0AV | 2 | PLATE HOLDER/17.5X28MM/ROUND | 3SB3925-0AV 3SB3925-0AV | Siemens AG Siemens AG | 0.00 | 0.00 | |

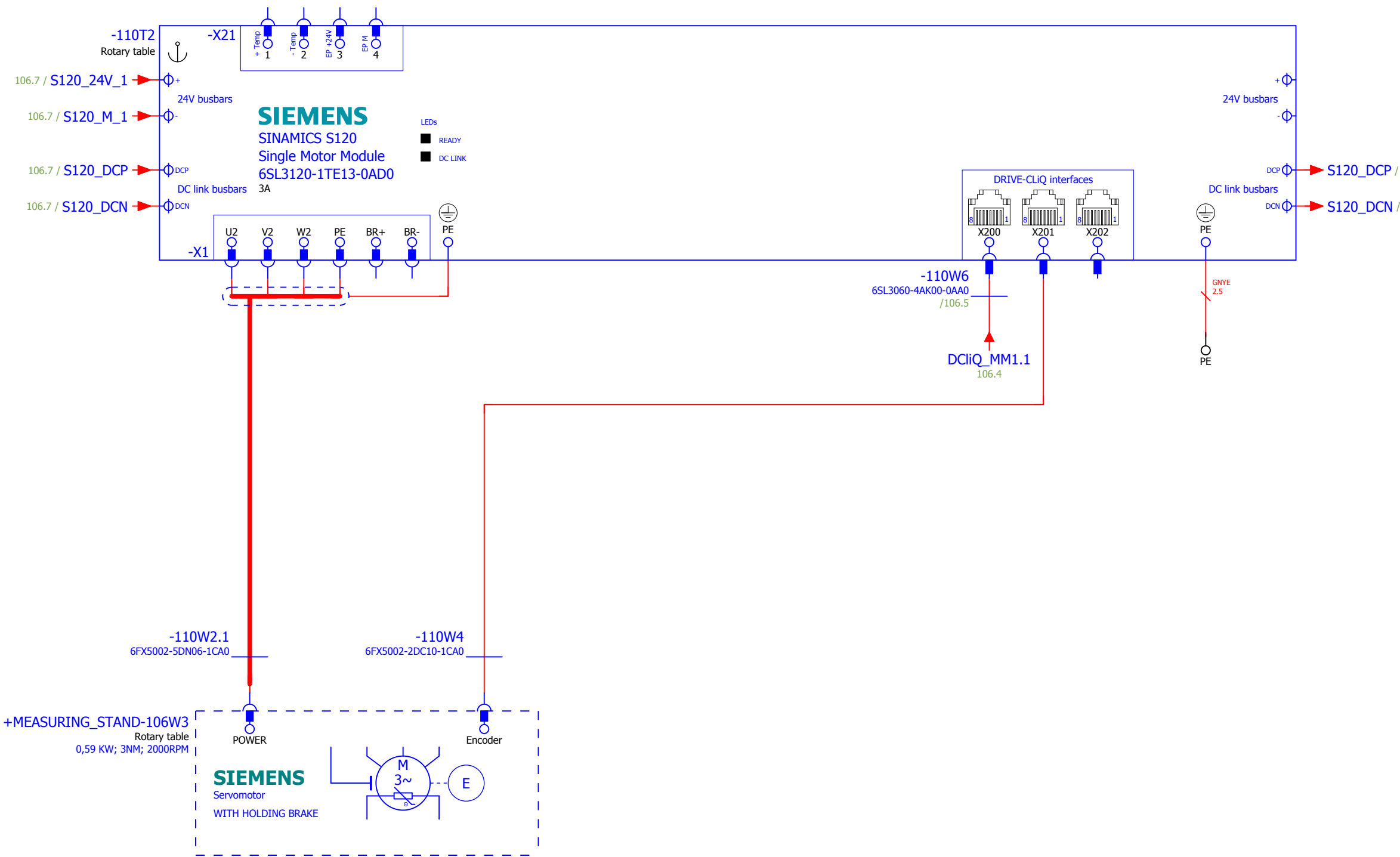


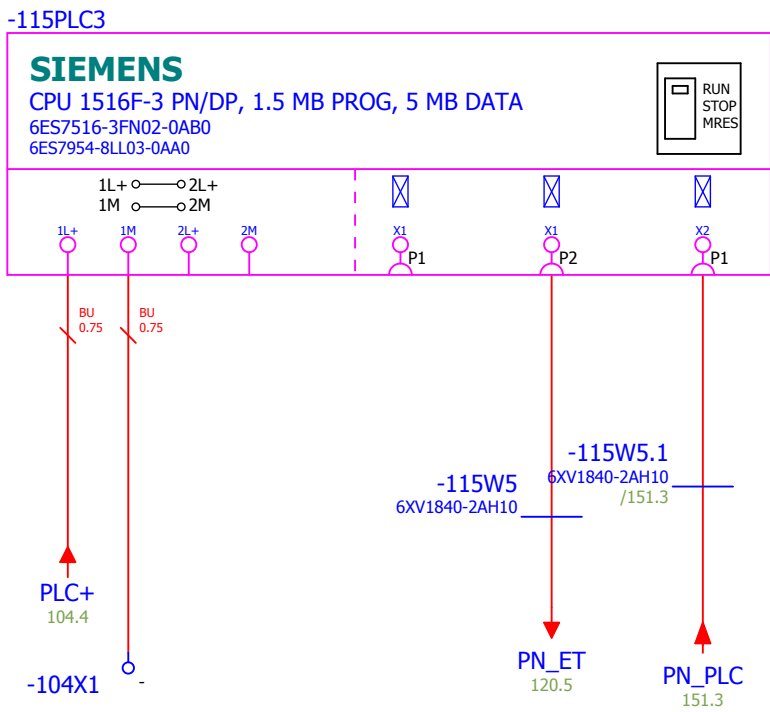






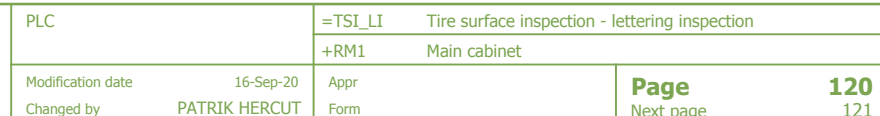


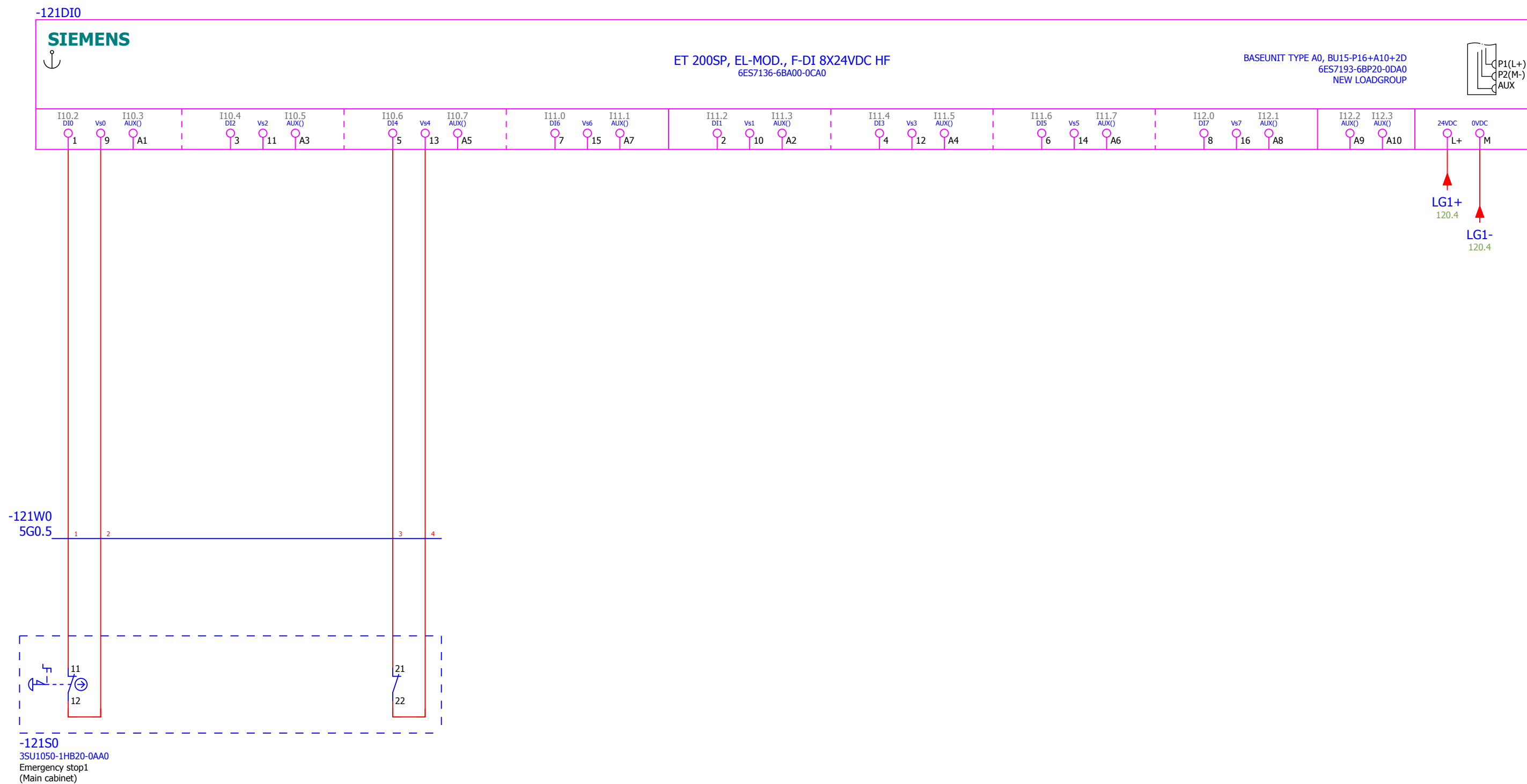


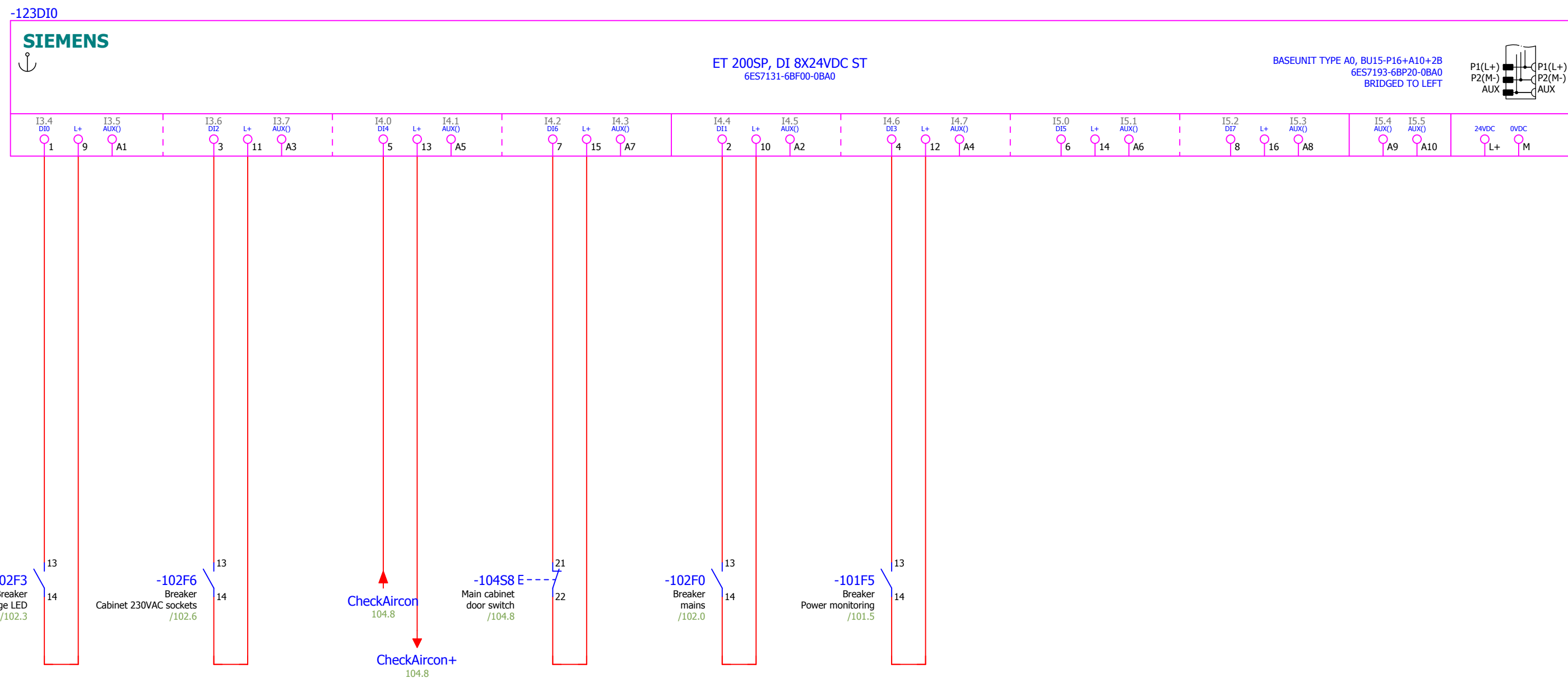


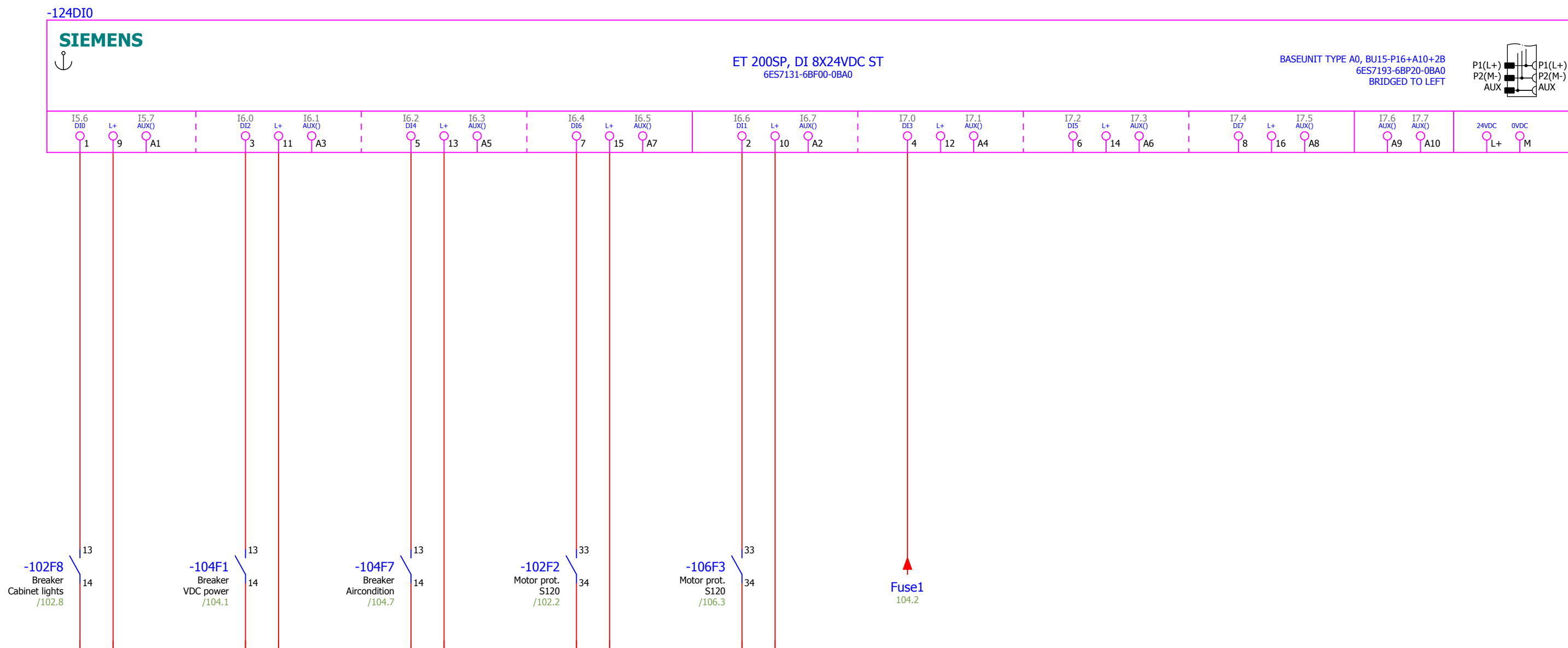


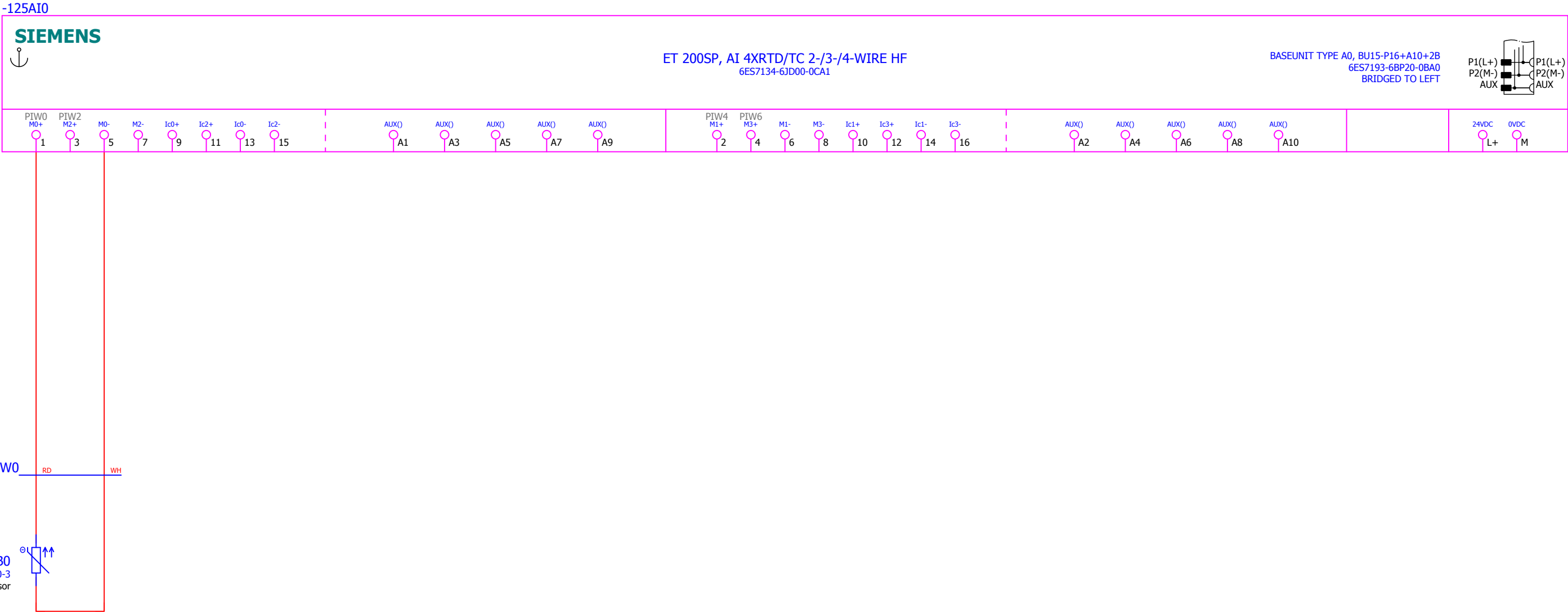
Ilkovicova 3
841 01 Bratislava / Slovakia

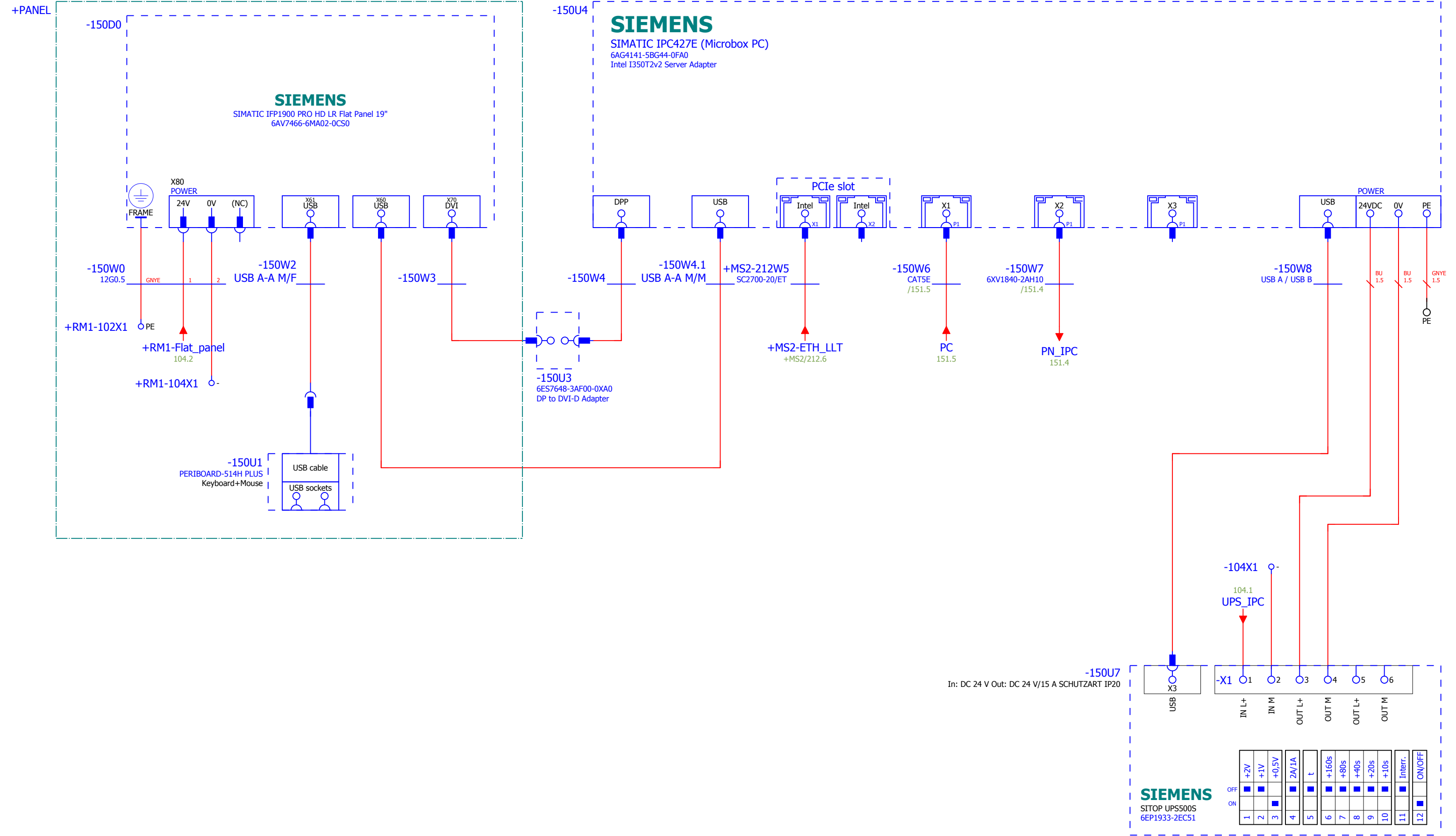




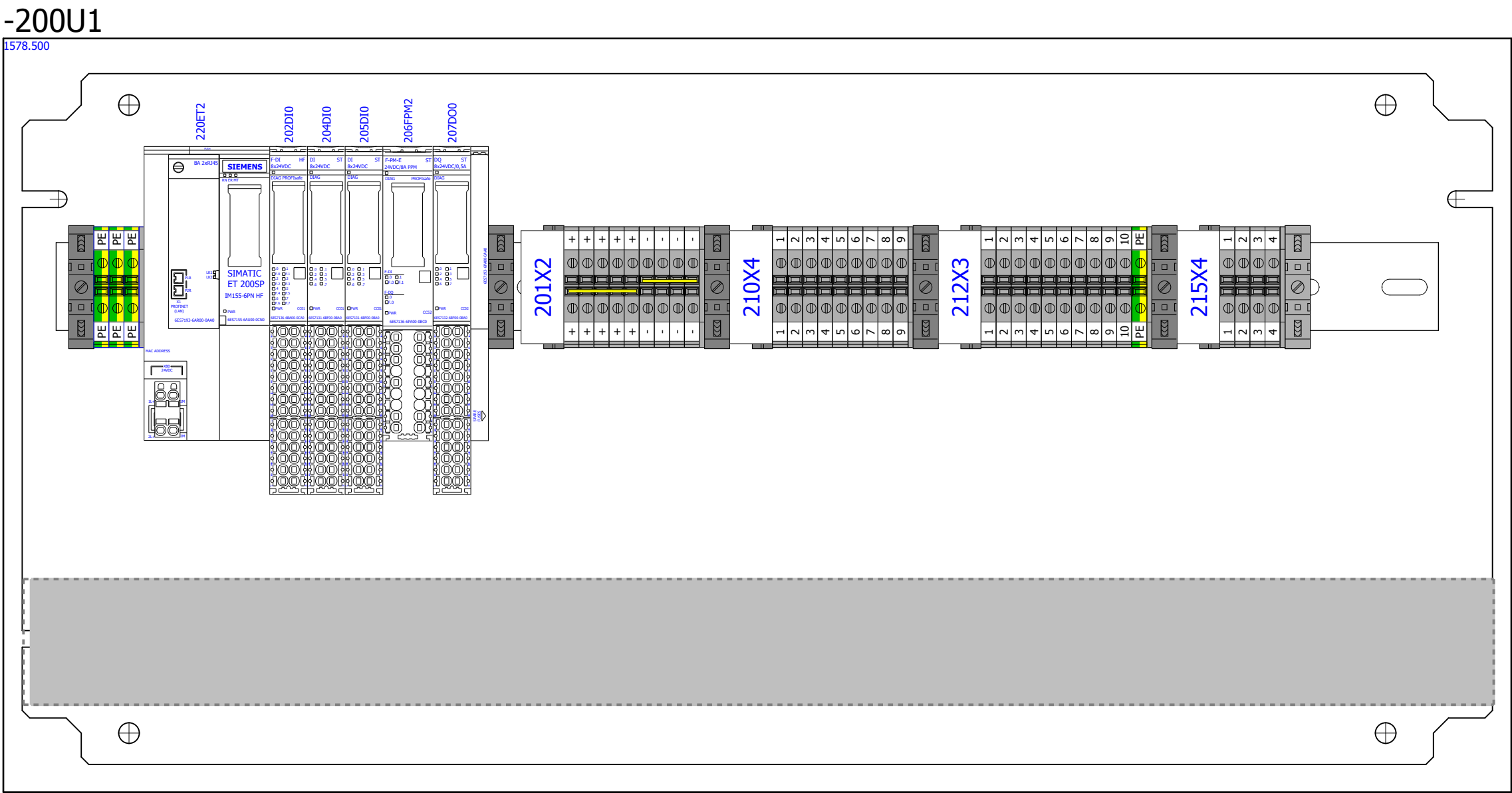


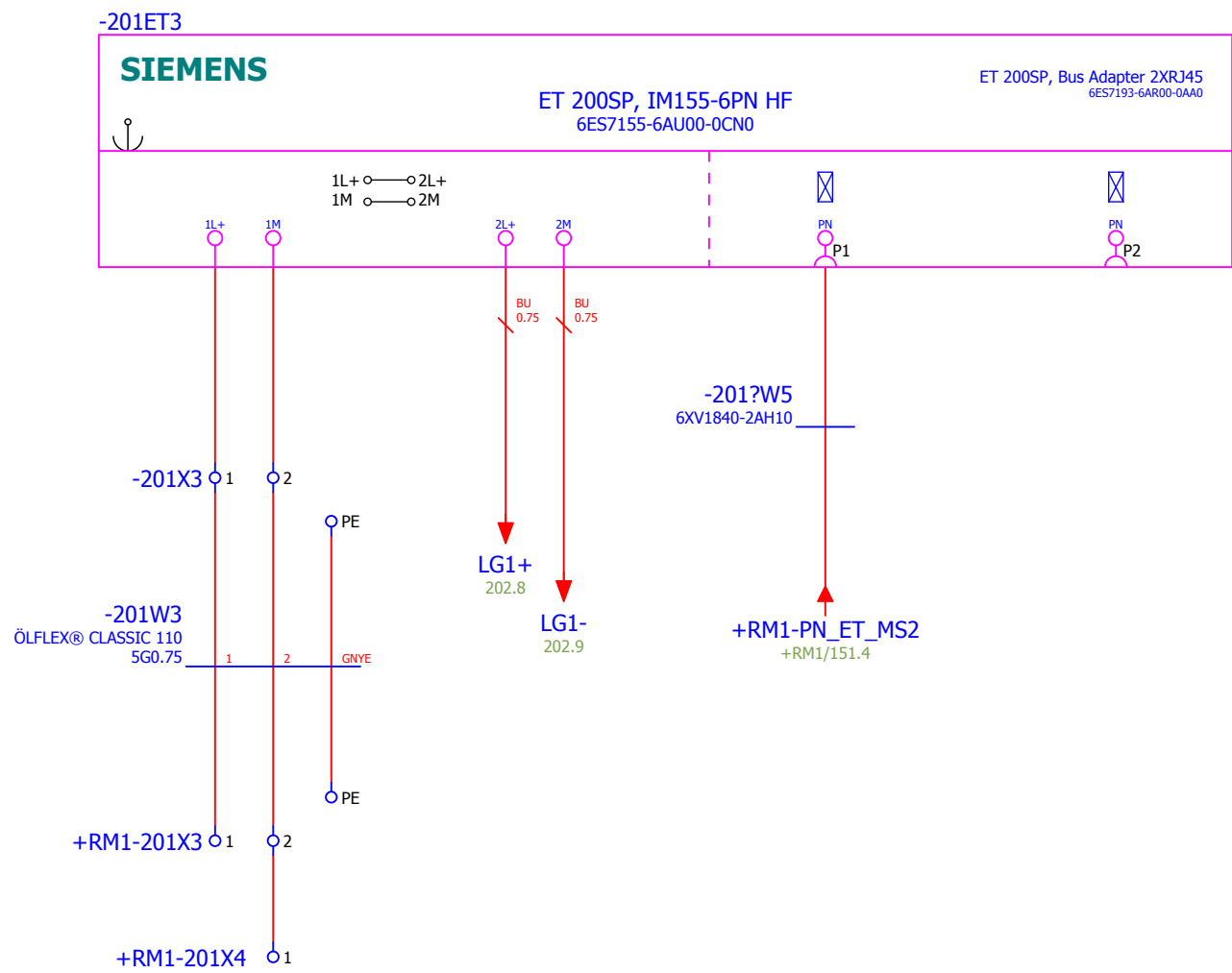


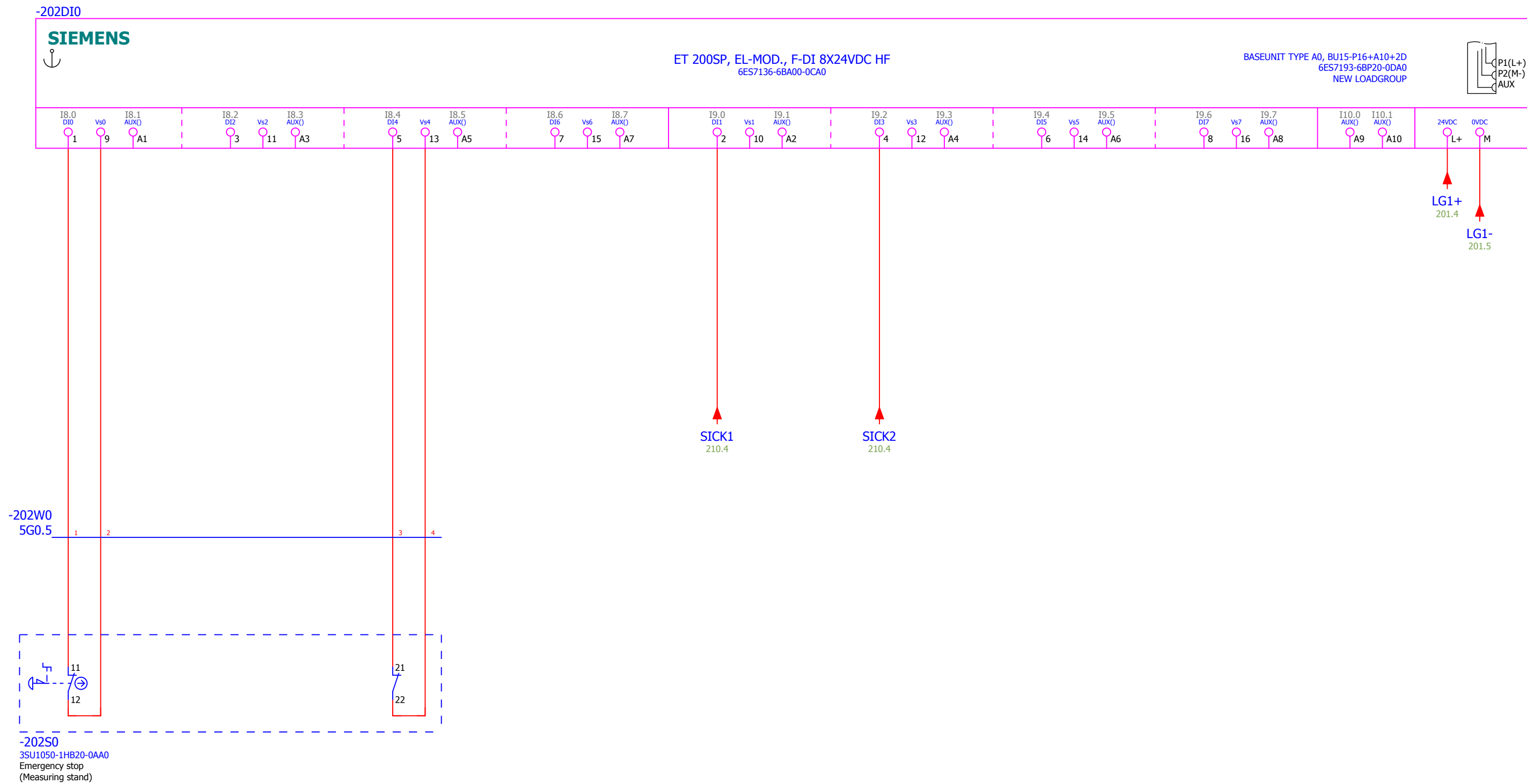


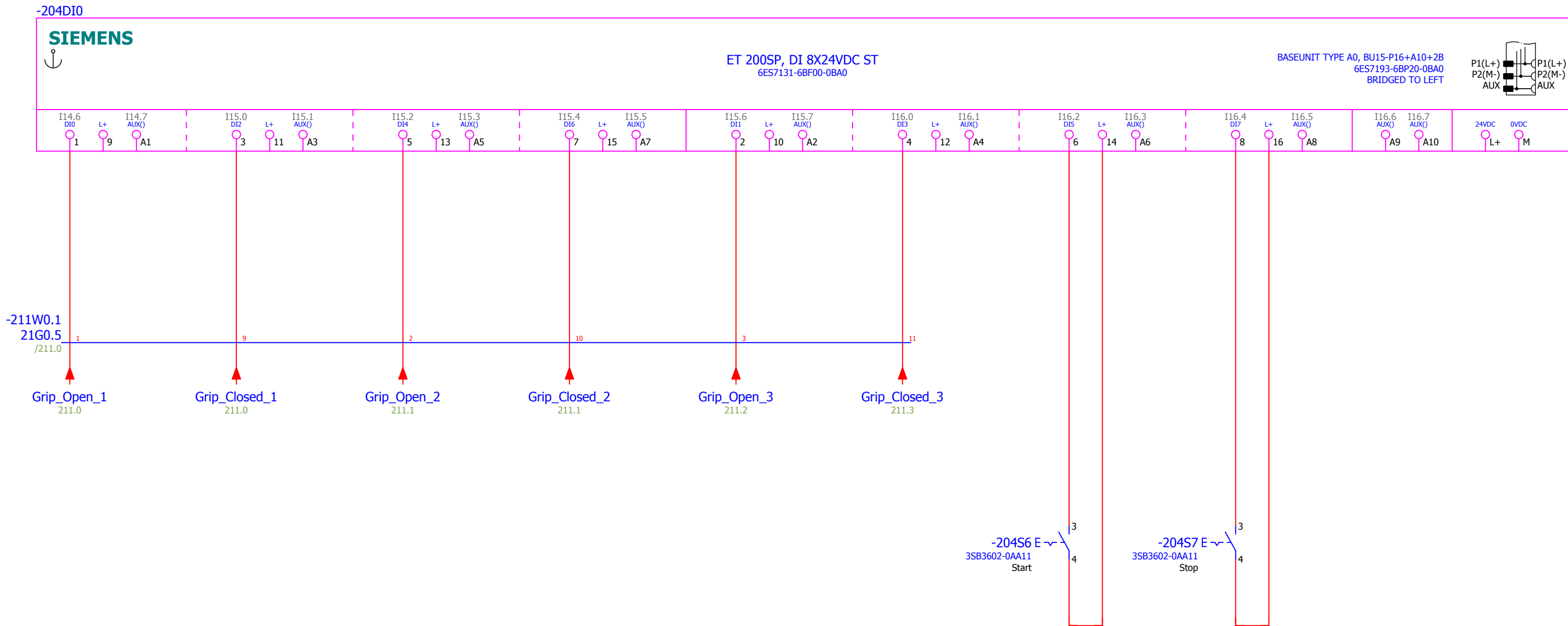


MS2 Electrobox on TSI stand







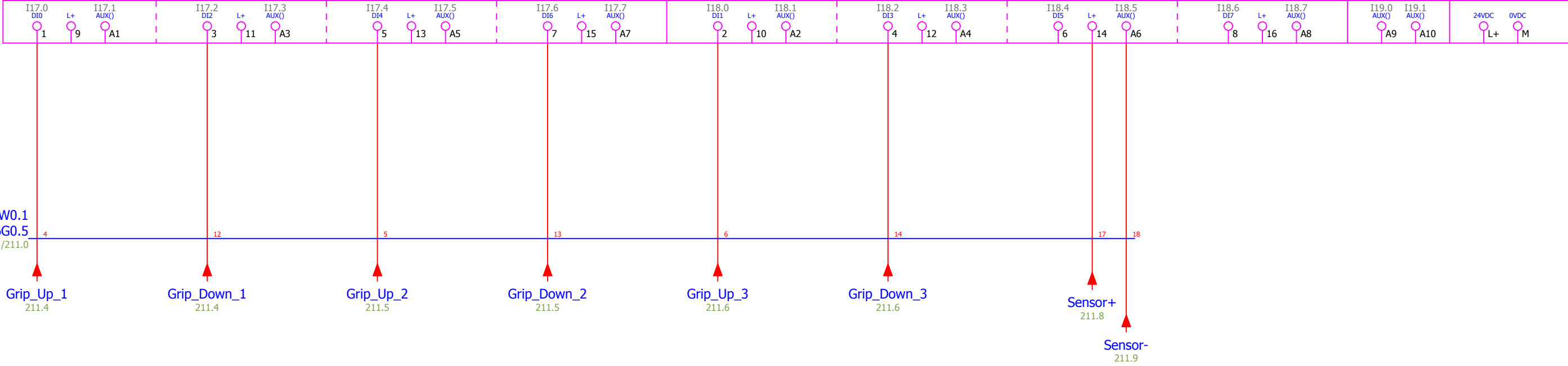




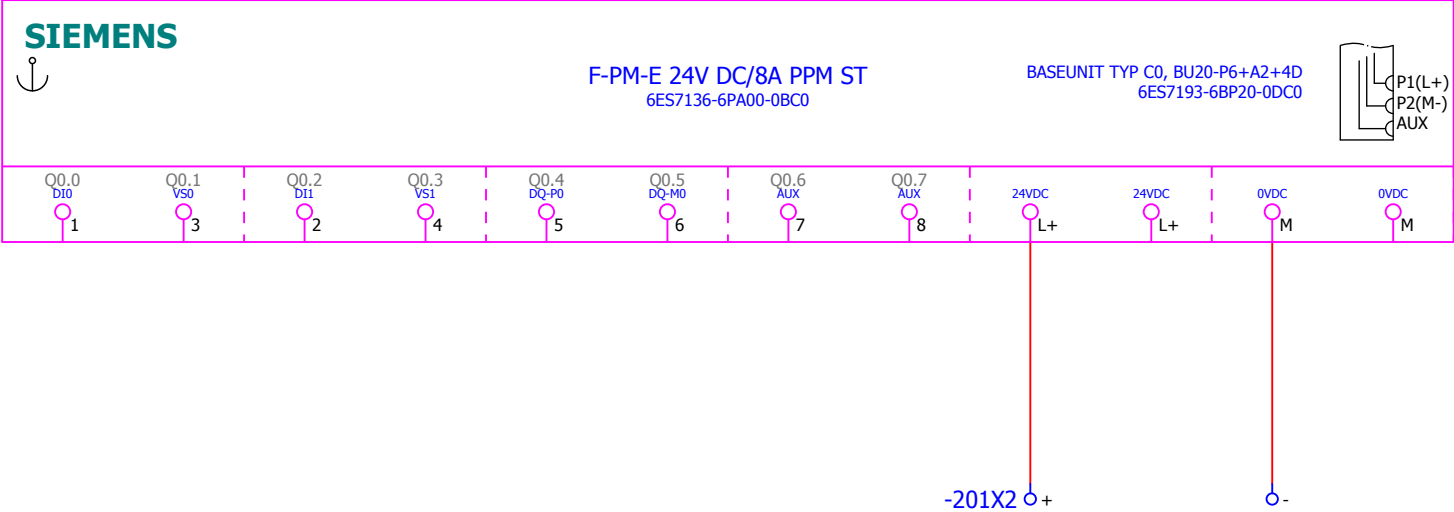
ET 200SP, DI 8X24VDC ST
6ES7131-6BF00-0BA0

BASEUNIT TYPE A0, BU15-P16+A10+2B
6ES7193-6BP20-0BA0
BRIDGED TO LEFT

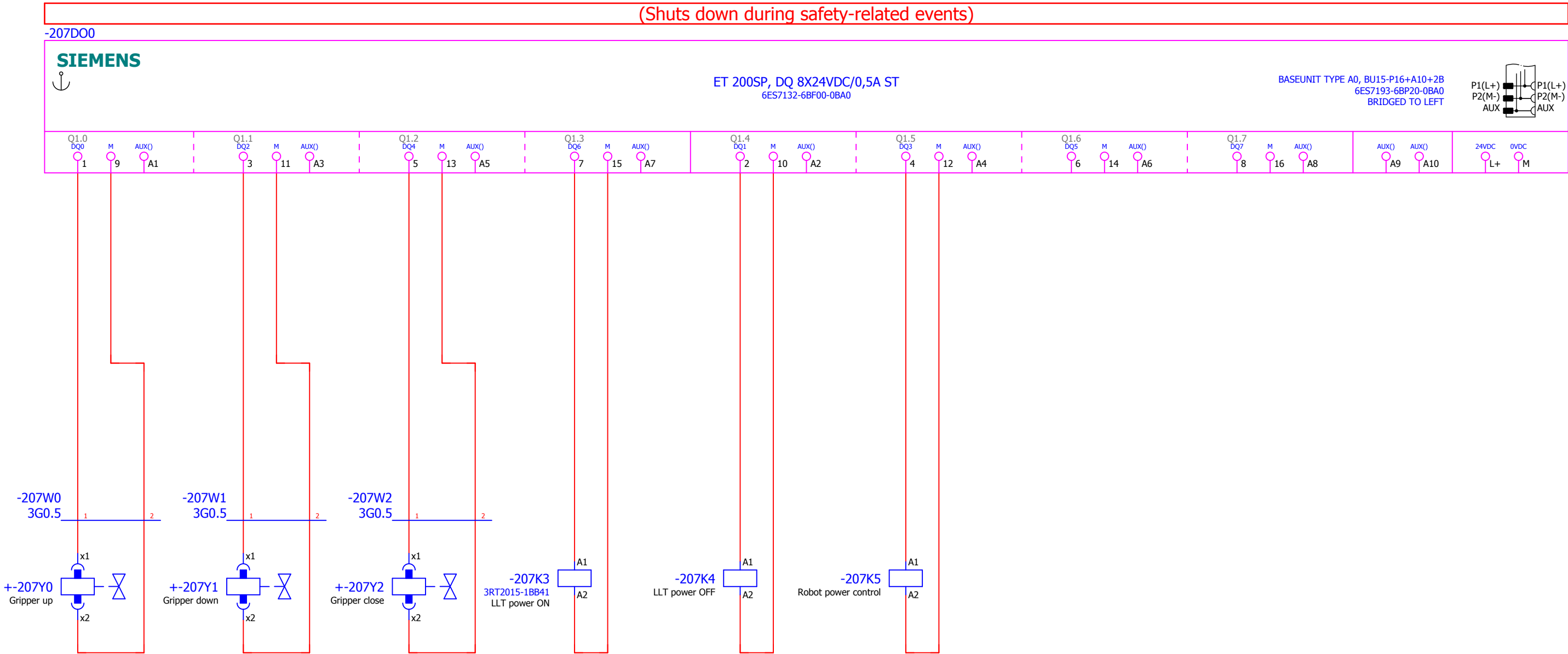




-206FPM2



11 — 14 /215.4
21 — 24 /215.5



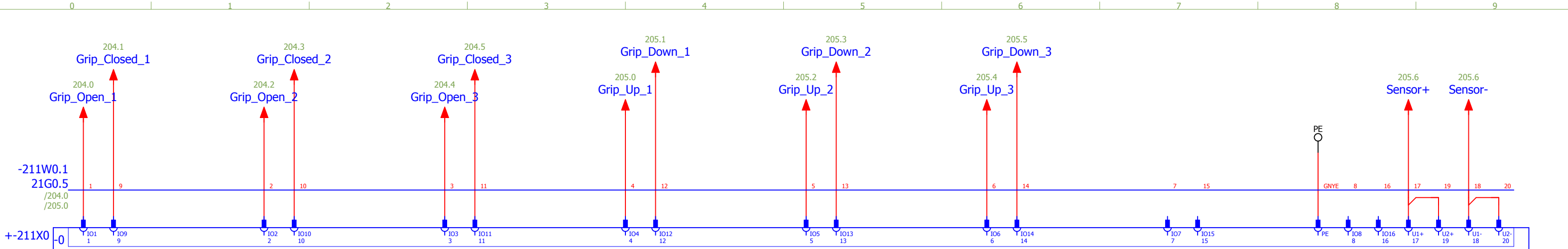


Ilkovicova 3
841 01 Bratislava / Slovakia



| | |
|-------------------|---------------|
| Modification date | 15-Sep-20 |
| Changed by | PATRIK HERCUT |

| |
|------|
| Appr |
| Form |



Weidmüller

SAI-8-M 5P M12 ZF III
Sensor-actuator passive distributor, M12, Hood version

Jumpers -

Jumpers +

