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| Component | Description                       |
|-----------|-----------------------------------|
| K1        | Contactora Line                   |
| K2        | Contactora Delta                  |
| K3        | Contactora Star                   |
| K4        | Contactora Fan                    |
| K5        | Contactora Dryer                  |
| K6        | Contactora Fan Enclosure Electric |
| KA1       | Contactora Auxiliary 1            |
| KA2       | Contactora Auxiliary 2            |
| KA3       | Contactora Auxiliary 3            |
| KA4       | Contactora Auxiliary 4            |
| M1        | Main motor                        |
| M2        | Dryer fan (cooler)                |
| M3        | Hermetic compressor motor         |
| M4        | Fan dryer                         |
| M5        | Electric panel fan                |
| M6        | Electric panel fan                |
| FT1       | Overload relay / main motor       |
| FT2       | Overload relay / fan cooler       |
| QN        | 1-pole circuit breaker            |
| QN        | 2 poles circuit breaker           |
| FN        | Command fuse                      |

| Component | Description                                       |
|-----------|---|
| 1X0       | Power terminal                                    |
| 1X1       | Control terminal / 24 VCA                         |
| 1X2       | Control terminal / 220 VCA                        |
| XSN       | Bar terminal                                      |
| TN        | Transformer Control                               |
| B1        | Emergency stop                                    |
| Y1        | Intake solenoid valve                             |
| Y2        | Solenoid valve for modulating control             |
| Y3        | Solenoid valve, slow relief / pneumatic retention |
| PURG      | Electronic condensate drain                       |
| KSFF      | Phase fault and sequence relay                    |
| KTN       | Timer relay                                       |
| H         | Hour meter  |
| HN        | Signal lamp                                       |
| TR1       | Thermometer / thermostat                          |
| P1        | Load / Unload pressures switch                    |
| P2        | Unload pressure switch                            |
| P3        | Safety pressure switch                            |
| P4        | Low pressure switch                               |
| TP1       | Delivery pressure transducer                      |
| TP2       | Internal pressure transducer                      |

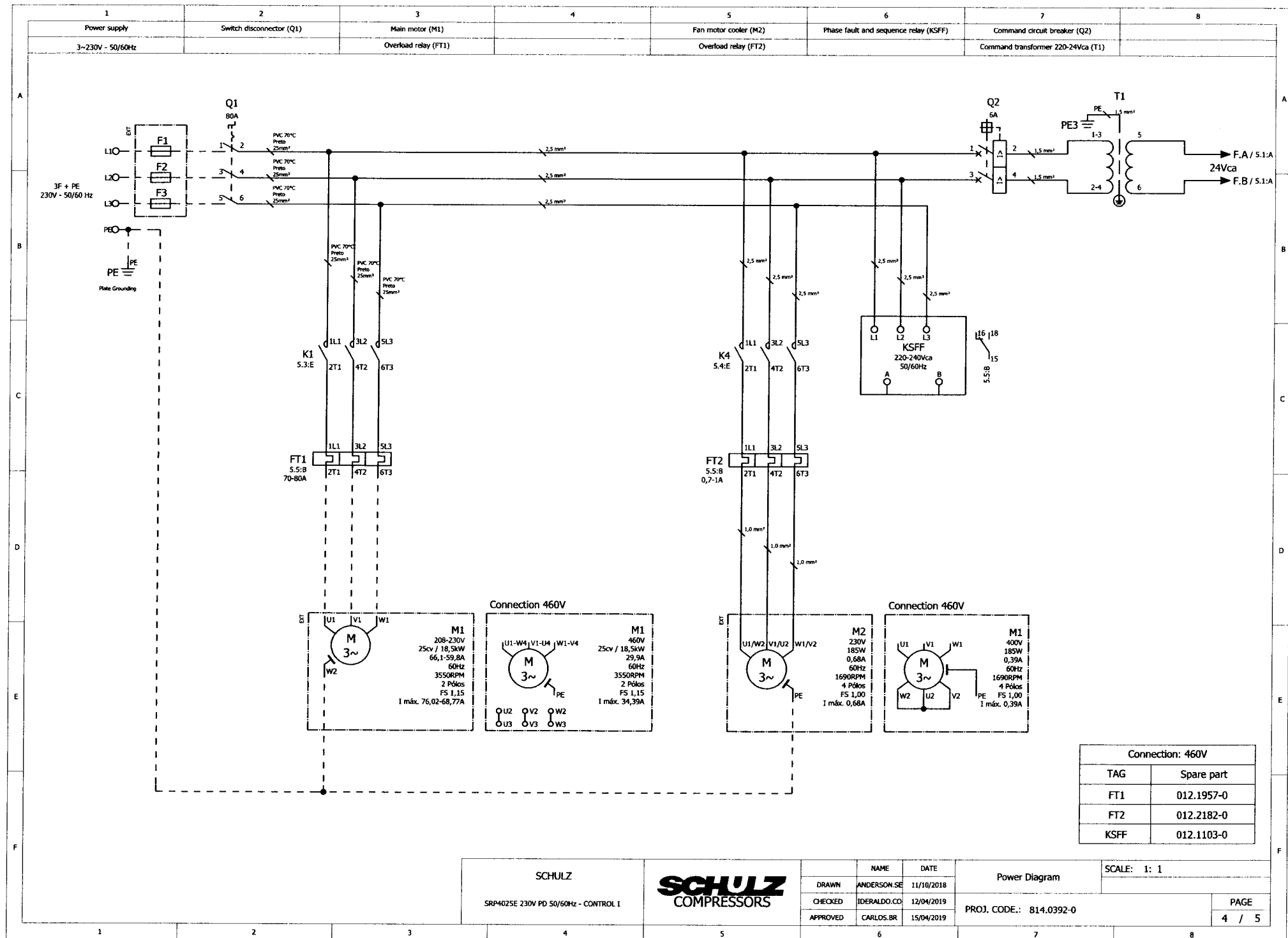
| Component | Description                              |
|-----------|--|
| TMP1      | Discharge temperature sensor             |
| TMP2      | Dryer temperature sensor                 |
| KP1       | PTC relay                                |
| S1        | Start button compressor / dryer          |
| S2        | Stop button compressor / dryer           |
| QN        | Switch disconnecter / 3 poles            |
| FTN       | Overload relay                           |
| CE1       | Compressor electronic controller         |
| CE2       | Dryer electronic controller              |
| G1        | Softstarter                              |
| A1        | Frequency converter                      |
| PWM       | PWM 4 ... 20ma converter                 |
| PV        | Fan pressure switch (dryer)              |
| PA        | High pressure switch (dryer)             |
| PB        | Low pressure switch (dryer)              |
| TK        | Fan overload switch                      |
| IM        | Differential pressure switch             |
| R1        | Heating resistance / main motor          |
| E1        | Heating resistance / hermetic compressor |

SCHULZ  
 SRP4025E 230V PD 50/60Hz - CONTROL I



| NAME                | DATE       | Legend                  | SCALE: 1: 1   |
|---------------------|------------|-------------------------|---------------|
| DRAWN ANDERSON,SE   | 11/10/2018 | PROJ. CODE.: 814.0392-0 | PAGE<br>3 / 5 |
| CHECKED IDERALDO,CO | 12/04/2019 |                         |               |
| APPROVED CARLOS,BR  | 15/04/2019 |                         |               |

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SRP4025E 230V PD 50/60Hz - CONTROL I

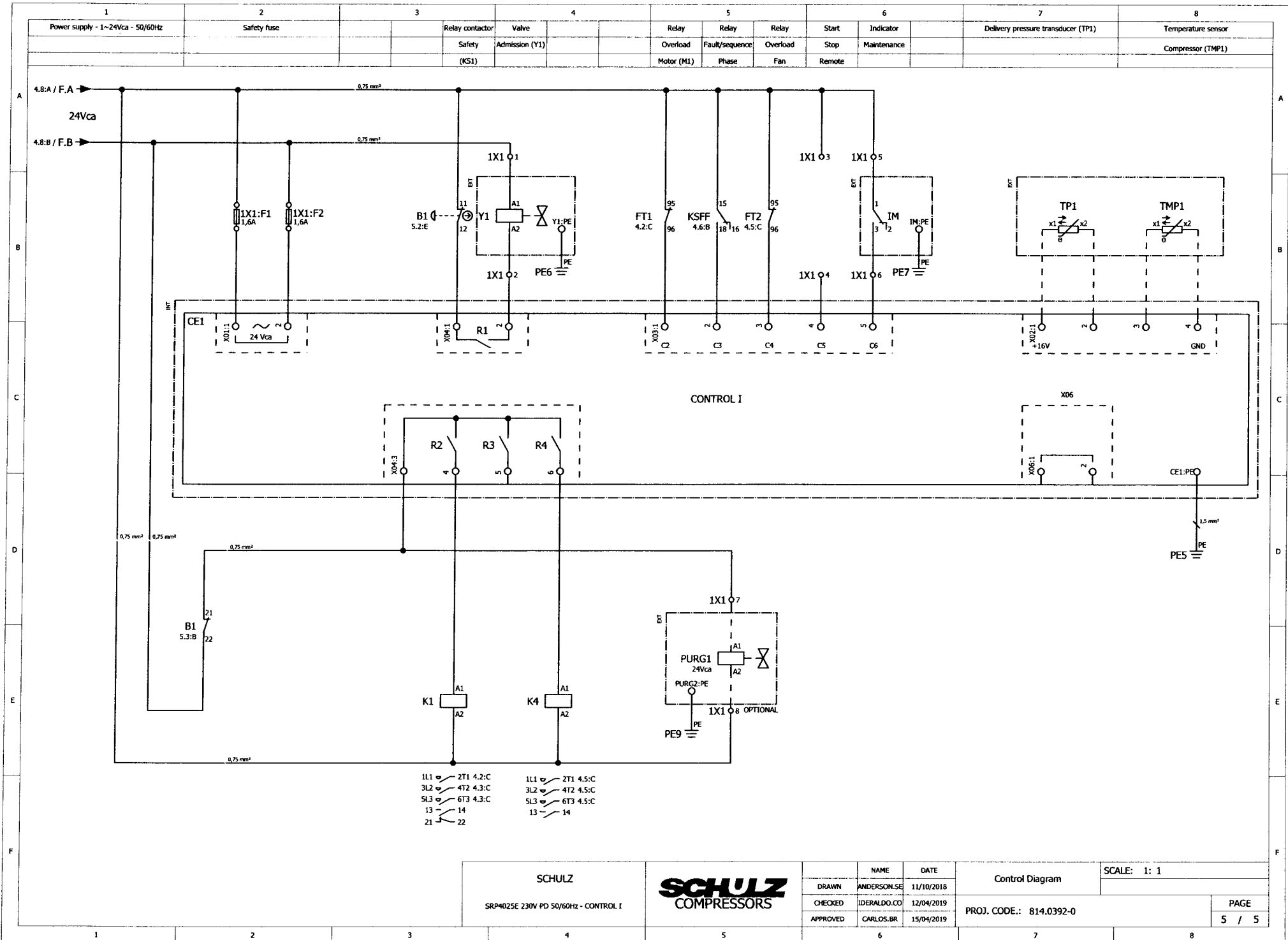


|                     |            |
|---------------------|------------|
| NAME                | DATE       |
| DRAWN ANDERSON.SE   | 11/10/2018 |
| CHECKED IDERALDO.CO | 12/04/2019 |
| APPROVED CARLOS.BR  | 15/04/2019 |

|                         |             |
|-------------------------|-------------|
| Power Diagram           | SCALE: 1: 1 |
| PROJ. CODE.: 814.0392-0 | PAGE 4 / 5  |

| Connection: 460V |            |
|------------------|------------|
| TAG              | Spare part |
| FT1              | 012.1957-0 |
| FT2              | 012.2182-0 |
| KSFF             | 012.1103-0 |

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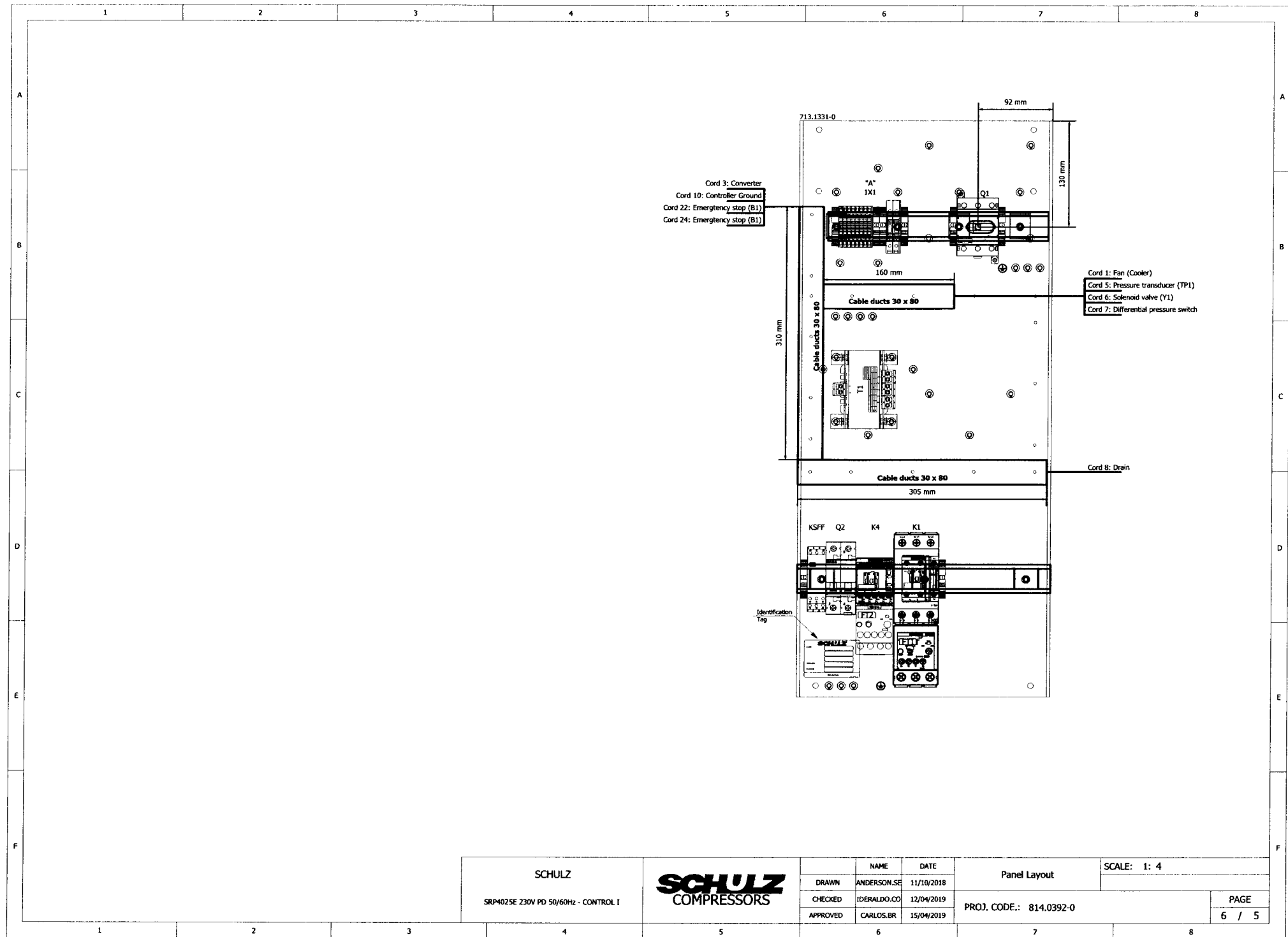


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Control Diagram  
 PROJ. CODE.: 814.0392-0

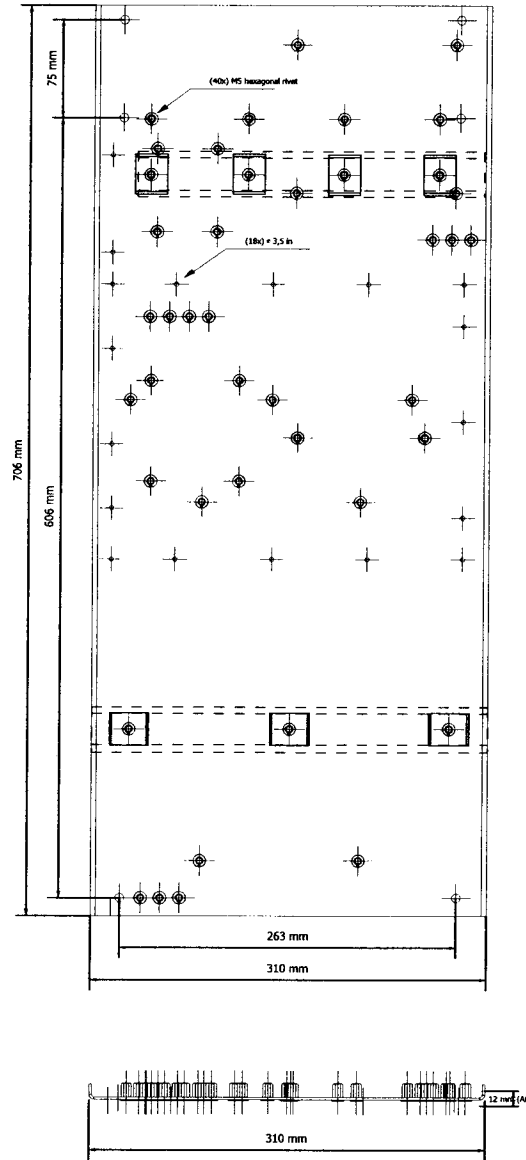
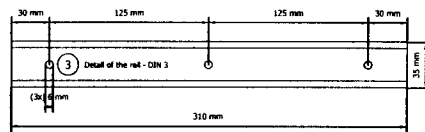
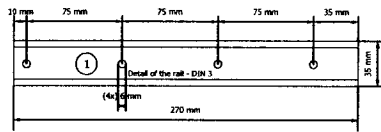
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|--------------------------------------|--|------------------------------|----------|-------------|--------------|-------------------------|-------|--|
| SCHULZ                               |  | <b>SCHULZ</b><br>COMPRESSORS | NAME     | DATE        | Panel Layout | SCALE: 1: 4             |       |  |
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|                                      |  |                              | CHECKED  | IDERALDO.CO | 12/04/2019   | PROJ. CODE.: 814.0392-0 | PAGE  |  |
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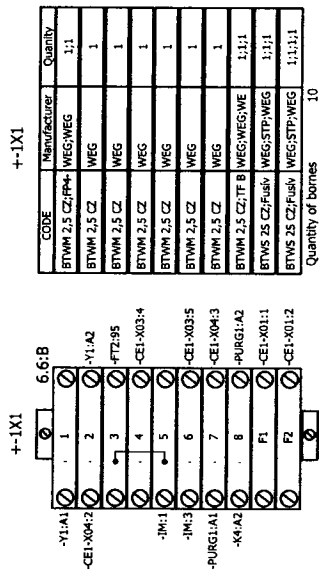
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| SCHULZ                               |  | <b>SCHULZ</b><br>COMPRESSORS |  | NAME     |             | DATE       | Mounting Plate Layout   |  | SCALE: 1: 4 |  |
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SCHULZ  
SRP4025E 230V PD 50/60Hz - CONTROL 1



|          | NAME        | DATE       |
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|                         |                |
|-------------------------|----------------|
| Terminal Diagram        | SCALE: 1: 1    |
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