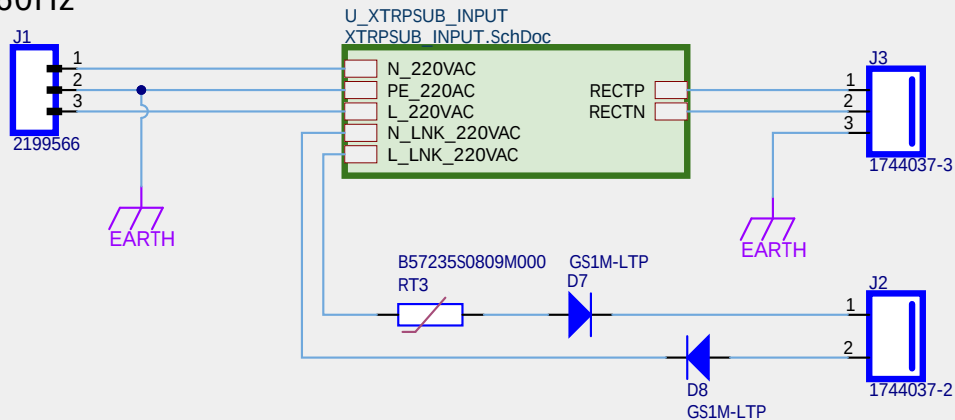


85 - 265VAC  
50/60Hz



|                                                |                            |                                           |                                                                                |  |
|------------------------------------------------|----------------------------|-------------------------------------------|--------------------------------------------------------------------------------|--|
| Project: <b>Xtronica PSU_BOTTOM.PrjPcb</b>     |                            |                                           | Variants: <b>[No Variations]</b>                                               |  |
| Title: <b>Xtronica DIN PSU Bottom PCB</b>      |                            |                                           | Rjukan<br>Head Office/Factory<br>Hydroparken 270,<br>NO-3661 Rjukan,<br>Norway |  |
| Size: <b>A</b>                                 | Number: <b>010225</b>      | Revision: <b>001</b>                      |                                                                                |  |
| Date: <b>7/23/2025</b> Time: <b>6:55:13 PM</b> | Sheet <b>1</b> of <b>2</b> | File: <b>XTRPSUB_TOPLEVELSHEET.SchDoc</b> |                                                                                |  |



| Comment         | Description                                                                                                        | Designator | Footprint                  | LibRef           | Quantity |
|-----------------|--------------------------------------------------------------------------------------------------------------------|------------|----------------------------|------------------|----------|
| GBU4JBP         | Bridge Rectifiers 4A<br>Bridge Rectifier, 600V                                                                     | BR2        | GBU6MBPC01                 | GBU4JBP          | 1        |
| 440LT68-R       | Safety Capacitors<br>680pF Y5U 20% X1,<br>400Vac/Y1,500Vac                                                         | C1, C4     | 440LT68R                   | 440LT68-R        | 2        |
| F861BS684M310L  | Capacitor                                                                                                          | C2, C3     | F861BS684M310L             | F861BS684M310L   | 2        |
| F533I368050P0K  | Film Capacitors<br>310VAC 630V <sub>o</sub><br>0.68uF THB Grd IIB<br>AECQ2                                         | C5         | CAP_F533I368050P0<br>K_KEM | F533I368050P0K   | 1        |
| GS1M-LTP        | Rectifiers 1000V,1A                                                                                                | D7, D8     | D10M5227X250N              | GS1M-LTP         | 2        |
| 36913150000     | Fuse                                                                                                               | F1         | 36913150000                | 36913150000      | 1        |
| SSB11H-R13090   | Common Mode<br>Chokes / Filters 250V<br>1.3A 9mH                                                                   | FL1        | SSB11HR13090               | SSB11H-R13090    | 1        |
| B88069X4860T502 | Gas Discharge Tubes -<br>GDTs / Gas Plasma<br>Arrestors N81-<br>A500XG                                             | GDT1       | GDT_B88069X_TDK            | B88069X4860T502  | 1        |
| 2199566         | Terminal<br>Block;header;3<br>positions;0.285<br>(7.25mm)<br>pitch;Solder;16A;300<br>V  Phoenix Contact<br>2199566 | J1         | PHOENIX_2199566            | 2199566          | 1        |
| 1744037-2       | Headers & Wire<br>Housings 02PEC<br>PWR.200 CL HDR<br>ASSYVRT                                                      | J2         | 17440372                   | 1744037-2        | 1        |
| 1744037-3       | Connector                                                                                                          | J3         | 17440373                   | 1744037-3        | 1        |
| 2100HT-331-V-RC | Power Inductors -<br>Leaded TOROID<br>INDUCTR330uH LOW<br>LOSS HRTZL MT                                            | L1         | IND_2100HT_27B_V           | 2100HT-331-V-RC  | 1        |
| 150K 750mW      | Thick film; SMD<br>Resistor; 150K Case<br>150K 750mW ±1%                                                           | R1, R2     | RES3216N                   | R1206 150K 750mW | 2        |
| SL10 2R505      | Inrush Current<br>Limiters 10mm<br>2.5ohms 5A INFSH<br>CURRLIMITER                                                 | RT1        | RES_SL10<br>2R505_AMT      | SL10 2R505       | 1        |
| B57235S0809M000 | Inrush Current<br>Limiters S235/8 M                                                                                | RT3        | B57235S0809M000            | B57235S0809M000  | 1        |
| V10E320P        | Varistors 320V 10mm<br>Epoxy UltraMOV                                                                              | RV1, RV2   | V10E320P                   | V10E320P         | 2        |
| CAP200DG        | Power Management<br>Specialised - PMIC<br>CapZero-2 X Cap<br>Smart HV Switches                                     | U1         | SOIC127P600X175-<br>8N     | CAP200DG         | 1        |