

# PSB48-120S Cut Sheet



RHINO SELECT PSB series switching power supply, 48 VDC @ 2.5A/120W (adjustable), 120/240 VAC or 120-375 VDC nominal input, 1-phase, enclosed, aluminum housing, 35mm DIN rail mount, removable screw terminal, hazardous location rated.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/PSB48-120S>

## Technical Specifications

|                               |  |
|-------------------------------|--|
| <b>Brand</b>                  | RHINO SELECT   |
| <b>Item</b>                   | Power supply   |
| <b>Series</b>                 | PSB  |
| <b>Power Supply Type</b>      | Switching  |
| <b>Efficiency</b>             | 90% @115 VAC, 91% @230 VAC   |
| <b>Output Configuration</b>   | Single output  |
| <b>Output</b>                 | 48 VDC @ 2.5A/120W (adjustable)  |
| <b>Output Voltage Range</b>   | 48-56 VDC  |
| <b>Input voltage range</b>    | 85-264 VAC/120-375 VDC   |
| <b>Number of Input Phases</b> | 1  |
| <b>Protection Type(s)</b>     | <ul style="list-style-type: none"><li>• overvoltage</li><li>• short circuit</li><li>• overload</li></ul> |

|                                       |                          |
|---------------------------------------|--------------------------|
| <b>Remote On/Off</b>                  | No                       |
| <b>Voltage Monitoring</b>             | Yes                      |
| <b>Enclosure Type</b>                 | Enclosed                 |
| <b>Housing Material</b>               | Aluminum                 |
| <b>IP Rating</b>                      | IP20                     |
| <b>Mounting</b>                       | 35mm DIN rail            |
| <b>Connector Type</b>                 | Removable screw terminal |
| <b>NEC Class 2</b>                    | No                       |
| <b>Integrated UPS Battery Control</b> | No                       |
| <b>Operating Temperature</b>          | -25 to 80 deg C          |
| <b>Application</b>                    | Hazardous location rated |

## Agency Approvals

|                             |  |
|-----------------------------|--|
| <b>UL Listed File #</b>     | E197592                                |
| <b>UL Recognized File #</b> | E198298                                |
| <b>UL Hazardous File #</b>  | None                                   |
| <b>CE</b>                   | <a href="#">View CE declarations</a>   |
| <b>CSA File #</b>           | 249074                                 |
| <b>RoHS Status</b>          | Yes (See CE Doc)                       |
| <b>EU REACH</b>             | <a href="#">View EU REACH document</a> |