Rack Safety Plus
1-Phase 120 / 208 / 240 V AC

Modular Power Distribution Unit with Emergency Stop

THE FASTEST WAY TO DEVELOP A PDU INCLUDING EMERGENCY SAFETY FUNCTIONS

The nVent SCHROFF Rack Safety Plus PDU with a safety system for installation in a 19" electronics cabinet, is ideal for partially and fully automated test systems. The plug-in unit provides the main power distribution and includes all safety functions according to EN 60947-5-1 and EN 60204. You can choose between several different standard configurations or create your individual configuration by using nVent’s online configurator with predefined components.

FLEXIBLE
- Modular concept with 300K different modification options. Broad experience through customized projects
- Include all necessary functions in one system

CERTIFIED
- CE certified. UL certification pending
- Thermal management and EMC test
- The safety relay with safety circuit meets the requirements of EN 60947-5-1 and EN 60204-1

READY-TO-USE
- Online configurator to modify unit in less than 5 minutes
- Configured Rack Safety Plus units designed using the online configurator tool are typically delivered within 4 weeks
Rack Safety Plus
1-Phase 120 / 208 / 240 V AC

ORDER INFORMATION

<table>
<thead>
<tr>
<th>Item Number</th>
<th>21272-001</th>
<th>21272-002</th>
<th>21272-003</th>
<th>21272-004</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mains input</td>
<td>1-phase, 208 / 240 V AC</td>
<td>1-phase, 120 V AC</td>
<td>1-phase, 208 / 240 V AC</td>
<td>1-phase, 120 V AC</td>
</tr>
<tr>
<td>Mains connector</td>
<td>2.5 m cable w/ Nema L6 Plug, 30 A</td>
<td>2.5 m cable w/ Nema L5 Plug, 30 A</td>
<td>2.5 m cable w/ flying leads, 15 A</td>
<td>2.5 m cable w/ Nema 5 Plug, 15 A</td>
</tr>
<tr>
<td>EMC Filter</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Surge Arrester</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Inrush Current Limiter</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>AC outlets</td>
<td>8x C13, 4x C19</td>
<td>4x Nema 5-15R, 4x Nema 5-20R</td>
<td>6x C13 lockable</td>
<td>4x Nema 5-15R</td>
</tr>
<tr>
<td>24V DC out</td>
<td>350 W</td>
<td>350 W</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

General Features
• Form Factor: 3 U, 19” unit, 547.1 mm depth
• Power input with 8.2 ft Cable
• Circuit Breaker as Main switch
• ON/OFF switch
• Emergency stop system
• External emergency status output and connector
• AC outlet connector group protected by individual circuit breaker
• Status LED’s

Possible Configurations
• 120 V AC 1-phase (phase to neutral) or 208 / 240 V AC 1-phase (phase to phase or phase to neutral)
• Different input connectors
• Different AC Outputs
• Different DC Outputs
• AC Service Outputs
• Surge Arrester
• Inrush Current Limiter

PRODUCT CONFIGURATOR
Select the power input, power output, additional features such as a surge arrester or EMC filter based on your infrastructure.
Scan the QR code or visit: configurators.schroff.biz/rack-safety-plus/us/en