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.
- Thermal management test and EMC test.
- The safety relay meets the requirements of EN 60947-5-1 and EN 60204-1.

READY-TO-USE

- Online configurator to modify unit within 5 minutes.
- Any modification based on the standard platform delivered within 3 weeks.
- Certified and tested for immediate integration in customer applications.
ORDER INFORMATION

General Features
- Form Factor: 3 U, 19" unit, 547,1 mm depth
- Fused power input
- Main switch
- ON/OFF switch
- Emergency stop system
- External emergency status output and connector
- AC outlet plug or outlet plug group
- Status LED's

Possible Configurations
- Mains Input: 400 V 3-phase or 230 V 1-phase
- Different connectors
- EMC filter
- Different AC Outputs
- Different DC Output
- AC Service Outputs
- RCD circuit breaker
- Transparent cover
- Surge Arrester
- Inrush Current Limiter
- Different Sizes
- Remote Management

<table>
<thead>
<tr>
<th>Item Number</th>
<th>21270-001</th>
<th>21270-003</th>
<th>21270-005</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mains input</td>
<td>3-phase, 400 V AC</td>
<td>1-phase, 230 V AC</td>
<td>1-phase, 230 V AC</td>
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<tr>
<td>Mains connector</td>
<td>IEC 60309 3L+N+PE, 6h</td>
<td>IEC 60320-C20</td>
<td>IEC 60309 L+N+PE, 6h</td>
</tr>
<tr>
<td>EMC Filter</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Surge Arrester</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Inrush Current Limiter</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>RCD</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Circuit Breaker Cover</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Service Socket</td>
<td>Front: Schuko Rear: C13</td>
<td>Front: C13</td>
<td>Front: Schuko</td>
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<tr>
<td>AC outlets</td>
<td>12x C13, 3x C19</td>
<td>12x C13, 3x C19</td>
<td>6x Schuko</td>
</tr>
<tr>
<td>24V DC out</td>
<td>350 W</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

PRODUCT CONFIGURATOR

Select the power input, power output, additional features such as a surge arrester or EMC filter based on your infrastructure.


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