

Rack Safety Plus

CONNECT AND PROTECT

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



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

PRODUCT CONFIGURATOR

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

Visit: <https://configurators.schroff.biz/en/rack-safety-plus>

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