We connect and protect

Rack Safety Plus

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 400K different modification options.
- Broad experience through customized projects.
- Include all necessary functions in one system.

CERTIFIED

- CE certified
- Thermal and EMC tested.
- 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

Item number	21270-001	21270-003	21270-005	21270-010	21270-011	21270-012	21272-032	21272-063
Pictures (Front and rear)								
Mains input	3-phase, 16 A, 400 V AC	1-phase, 16 A, 230 V AC	1-phase, 16 A, 230 V AC	1-phase, 16 A, 230 V AC	1-phase, 16 A, 230 V AC	3-phase, 16 A, 400 V AC	3-phase, 32 A, 400 V AC	3-phase, 63 A, 400 V AC
Mains connector	IEC 60309 3L+N+PE, 6h	IEC 60320-C20	IEC 60309 L+N+PE, 6h	IEC 60309 L+N+PE, 6h	IEC 60320-C20	Cable, 2.5 m, open end	IEC 60309 L+N+PE, 6h	IEC 60309 L+N+PE, 6h
EMC Filter	Yes	No	No	No	No	No	No	No
Surge Arrester	Yes	No	Yes	Yes	No	No	No	No
Inrush Current Limiter	Yes	No	No	Yes	No	No	No	No
RCD	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Circuit Breaker Cover	Yes	0.4	Yes	Yes	No	No	Yes	Yes
Service Socket	Front: Schuko Rear: C13	Front: C13	Front: Schuko	Front: C13	No	No	Front: C13	Rear: C13
AC outlets	12x C13, 3x C19	12x C13, 3x C19	6x Schuko	12x C13, 6x C13	12x C13, 3x Schuko	12x C13, 6x C13 Lock	12x C13, 1x IEC 60309, 16 A	12x C13, 1x IEC 60309, 32 A
24V DC out	350 W	No	No	No	No	No	350 W	No
Region	Europe	Europe	Europe	Europe	Europe	Europe	Europe	Europe

General Features

- The configuration starts with a default option set mandatory for power distribution with emergency stop:
  - Up to 32 A: 19" 3 U aluminum subrack, D: 547.11 mm (excluding connectors)
  - 63 A: 19" 4 U aluminum subrack, D: 465.80 mm (excluding connectors)
- Power input protected by circuit breakers
- Main switch
- ON/OFF switch
- Emergency stop system
- External emergency status in and output connector
- AC outlet plug or outlet plug group protected by circuit breaker
- Status LED's

Possible Configurations

- Mains Input: 400 V 3-phase 16/32/63 A or 230 V 1-phase 16 A
- Different Mains Connectors
- EMC filter
- Different AC Outputs (1 and 3 phase)
- Different DC Outputs
- AC Service Outputs
- RCD circuit breaker
- Transparent cover
- 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.

Visit: https://configurators.SCHROFF.biz/rack-safety-plus/eu/en

SCAN THE QR CODE TO SEE OTHER VERSIONS.

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