

Varistar CP IP 20 for Test & Measurement

CONNECT AND PROTECT

As the test equipment installed in your test stand becomes more complex and heavier, it requires more from a 19" electronics cabinet.

Applications include 19" hardware-in-the-loop test benches for EV and battery management systems or cabinets used in decentralised monitoring and control rooms.

With its outstanding features, the nVent SCHROFF Varistar CP IP 20 meets even the most complex requirements for robustness, mounting flexibility and cable management.



Transmitter and receiver tests for mobile-radio base stations

KEY BENEFITS



Highest Flexibility in Installation

The Varistar CP IP 20 is available in 600 or 800 mm widths and, thanks to sufficient space on the cabinet side panels, allows complex cabling and installation with ease.



Advanced Air-Flow Concept

The Varistar CP IP 20 offers a variety of cooling concepts and air-flows management in the cabinet. The cabinet can handle side-to-side, front-to-rear and bottom-to-top airflows.



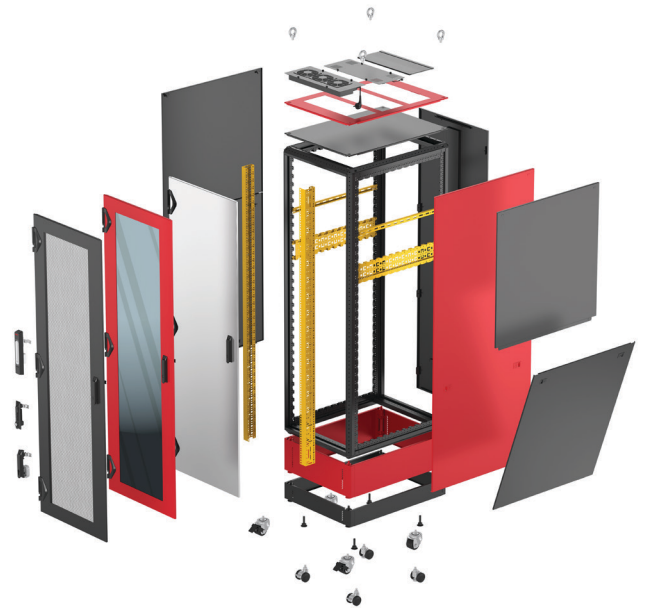
Designed for Heavy Equipment

Thanks to its robust welded frame and unique corner construction, the Varistar CP IP 20 can hold equipment up to 1,600 kg static load and 1,000 kg dynamic load with integrated castors.



Modular Economic Solution

With the modular platform of the Varistar CP you are able to modify your cabinet into more than 20,000 different versions by simply using standard components while still allowing an economical solution.



KEY FEATURES VARISTAR CP IP 20

- Type of protection IP 20
- Glass, perforated or plain steel door with 1 point or 3 point locking
- 1,600 kg static load
- 1,000 kg dynamic load with optional integrated castors
- Unique meander type profile for maximum fixing flexibility
- One tool required as all screws TORX 30
- Single and divided side panels with quick releases
- Standard cabinet surface fully electrostatically powder-coated in RAL 7021 (anthracite) and wide variety of color options on request

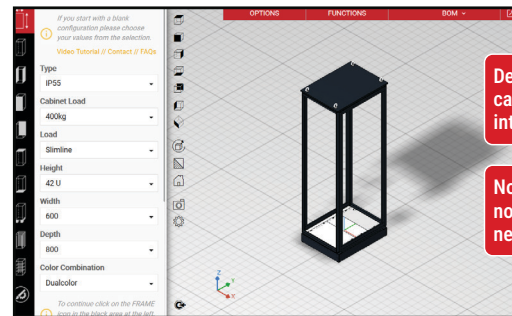


PRE-DEFINED CONFIGURED DIMENSIONS

Broad range of standard cabinet dimensions, allow easy and fast customer-specific configuration and modifications to reduce lead time.

Widths	Depths	Heights
600 mm / 23.6"	600 mm / 23.6"	24 U (1200 mm / 47.2")
800 mm / 31.5"	800 mm / 31.5"	29 U (1400 mm / 55.1")
	900 mm / 35.4"	33 U (1600 mm / 63")
	1000 mm / 39.4"	38 U (1800 mm / 70.8")
	1100 mm / 43.3"	42 U (2000 mm / 78.7")
	1200 mm / 47.2"	47 U (2200 mm / 86.6")
		52 U (2450 mm / 96.46")

For modifications, nVent SCHROFF enables you to tailor the Varistar CP in minutes, using a free web based interactive configurator. In addition, our experts will support you in choosing the right cabinet solution for you and customize based on your application requirement.



Design your individual cabinet in a graphical interface

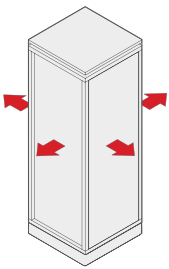
No registration and no software download needed

Configurator coming soon

MODULAR AND EFFICIENT AIRFLOW CONCEPT

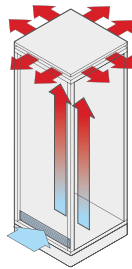
Depending on the amount of heat generated and the internal and external temperatures, various cooling concepts are applied to keep electronics cabinets effectively cooled. These may use air- filtered fans, fan trays or controlled airflow systems.

Closed cabinet



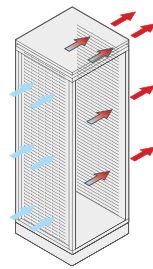
Natural convection via thermal radiation

Raised cover, ventilation slots



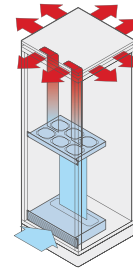
Free convection through top-cover opening

Perforated doors



Free convection through opening in the doors/rear panels

19" fans, top-cover fans



Forced cooling with air

EUROPE

Straubenhardt, Germany
Tel +49.7082.794.0

Betschdorf, France
Tel +33.388.90.64.90

Warsaw, Poland
Tel +48.22.209.98.35

Assago, Italy
Tel +39.02.5776151.224

NORTH AMERICA

All locations
Tel: +1.763.422.2661

MIDDLE EAST & INDIA

Dubai, United Arab Emirates
Tel +971.4.823.8666

Bangalore, India
Tel: +91.80.6715.8900

Istanbul, Turkey
Tel: +90.541.3680941

ASIA

Shanghai, P.R. China
Tel +86.21.2412.6943

Qingdao, P.R. China
Tel +86.523.8771.6101

Singapore
Tel +65.6768.5800

Shin-Yokohama, Japan
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