

RatiopacPRO AIR 19" Rack Mount Case, Retrofittable Shielding

Power Utilities



The nVent SCHROFF RatiopacPRO case provides electronics protection for 19" and individual electronic assemblies. This flexible and robust case is simple to convert from desktop to a 19" rack mount case and includes four different style options. This version of the case provides advanced cooling capabilities and mounting brackets for assembly into a 19" rack.

CERTIFICATIONS



FEATURES

Cases for individual assembly with 19" standard components or specific internal mounting, e.g. with mounting plate

Retrofittable EMC shielding

Version with 19" mounting brackets, no visible screws

The case has 2 x 1/2 U clearances for ventilation beneath and above the board cage

For board depth 160 mm, 220 mm, 280 mm, and 340 mm (depending on case depth)

Symmetrical design, identical front and rear side

Conforms with DIN EN 62368-1

SPECIFICATIONS

Table 1/3

Catalog Number	Rack Height	Depth	Package Quantity	Usable Height	Usable Width	Front Frame Construction
----------------	-------------	-------	------------------	---------------	--------------	--------------------------

24571-582	3 U	255.5 mm	1	112.3 mm	432 mm	19" Mounting Brackets, Horizontal Rails
24571-585	3 U	315.5 mm	1	112.3 mm	432 mm	19" Mounting Brackets, Horizontal Rails
24571-586	3 U	375.5 mm	1	112.3 mm	432 mm	19" Mounting Brackets, Horizontal Rails
24571-587	3 U	435.5 mm	1	112.3 mm	432 mm	19" Mounting Brackets, Horizontal Rails
24571-588	3 U	495.5 mm	1	112.3 mm	432 mm	19" Mounting Brackets, Horizontal Rails
24571-630	4 U	255.5 mm	1	156.8 mm	432 mm	19" Mounting Brackets, Horizontal Rails
24571-633	4 U	315.5 mm	1	156.8 mm	432 mm	19" Mounting Brackets, Horizontal Rails
24571-634	4 U	375.5 mm	1	156.8 mm	432 mm	19" Mounting Brackets, Horizontal Rails
24571-635	4 U	435.5 mm	1	156.8 mm	432 mm	19" Mounting Brackets, Horizontal Rails
24571-636	4 U	495.5 mm	1	156.8 mm	432 mm	19" Mounting Brackets, Horizontal Rails
24571-678	6 U	255.5 mm	1	245.7 mm	432 mm	19" Mounting Brackets, Horizontal Rails
24571-681	6 U	315.5 mm	1	245.7 mm	432 mm	19" Mounting Brackets, Horizontal Rails
24571-682	6 U	375.5 mm	1	245.7 mm	432 mm	19" Mounting Brackets, Horizontal Rails
24571-683	6 U	435.5 mm	1	245.7 mm	432 mm	19" Mounting Brackets, Horizontal Rails
24571-684	6 U	495.5 mm	1	245.7 mm	432 mm	19" Mounting Brackets, Horizontal Rails

Table 2/3

Catalog Number	Cooling Option	Complies With	EMC Shielding	Height	Product Family	Product Type
24571-582	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	No (Retrofittable)	177 mm	RatiopacPRO AIR	Case
24571-585	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	No (Retrofittable)	177 mm	RatiopacPRO AIR	Case
24571-586	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	No (Retrofittable)	177 mm	RatiopacPRO AIR	Case
24571-587	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	No (Retrofittable)	177 mm	RatiopacPRO AIR	Case
24571-588	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	No (Retrofittable)	177 mm	RatiopacPRO AIR	Case
24571-630	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	No (Retrofittable)	221.5 mm	RatiopacPRO AIR	Case
24571-633	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	No (Retrofittable)	221.5 mm	RatiopacPRO AIR	Case

CatalogNumber	Cooling Option	Complies With	EMC Shielding	Height	Product Family	Product Type
24571-634	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	No (Retrofittable)	221.5 mm	RatiopacPRO AIR	Case
24571-635	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	No (Retrofittable)	221.5 mm	RatiopacPRO AIR	Case
24571-636	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	No (Retrofittable)	221.5 mm	RatiopacPRO AIR	Case
24571-678	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	No (Retrofittable)	310.35 mm	RatiopacPRO AIR	Case
24571-681	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	No (Retrofittable)	310.35 mm	RatiopacPRO AIR	Case
24571-682	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	No (Retrofittable)	310.35 mm	RatiopacPRO AIR	Case
24571-683	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	No (Retrofittable)	310.35 mm	RatiopacPRO AIR	Case
24571-684	Yes	IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11	No (Retrofittable)	310.35 mm	RatiopacPRO AIR	Case

Table 3/3

Catalog Number	Protection Rating	Rack Width	Static Load	Type	Width
24571-582	IP20	84 HP	25 kgf	Case for Individual Electronic Components	448.9 mm
24571-585	IP20	84 HP	25 kgf	Case for Individual Electronic Components	448.9 mm
24571-586	IP20	84 HP	25 kgf	Case for Individual Electronic Components	448.9 mm
24571-587	IP20	84 HP	25 kgf	Case for Individual Electronic Components	448.9 mm
24571-588	IP20	84 HP	25 kgf	Case for Individual Electronic Components	448.9 mm
24571-630	IP20	84 HP	25 kgf	Case for Individual Electronic Components	448.9 mm
24571-633	IP20	84 HP	25 kgf	Case for Individual Electronic Components	448.9 mm
24571-634	IP20	84 HP	25 kgf	Case for Individual Electronic Components	448.9 mm
24571-635	IP20	84 HP	25 kgf	Case for Individual Electronic Components	448.9 mm
24571-636	IP20	84 HP	25 kgf	Case for Individual Electronic Components	448.9 mm
24571-678	IP20	84 HP	25 kgf	Case for Individual Electronic Components	448.9 mm
24571-681	IP20	84 HP	25 kgf	Case for Individual Electronic Components	448.9 mm
24571-682	IP20	84 HP	25 kgf	Case for Individual Electronic Components	448.9 mm
24571-683	IP20	84 HP	25 kgf	Case for Individual Electronic Components	448.9 mm

Catalog Number	Protection Rating	Rack Width	Static Load	Type	Width
24571-684	IP20	84 HP	25 kgf	Case for Individual Electronic Components	448.9 mm

ADDITIONAL PRODUCT DETAILS

Modifications (special colours or sizes).

Custom solutions (cut-outs in top cover, base plate or side panels).

Assembly service from 1 piece.

WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.



Our powerful portfolio of brands:

CADDY ERICO HOFFMAN ILSCO SCHROFF TRACHTE