

# 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 |
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| 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](http://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.



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