

# RatiopacPRO 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 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

Designed for insertion/extractor handles in accordance with IEC 60297-3-102 and IEEE 1101.10 for CompactPCI and VME64x applications

Retrofittable EMC shielding

Version with 19" mounting brackets

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

Symmetrical design, identical front and rear side

No visible screws; cladding parts removable without tools

Conforms with DIN EN 62368-1

## SPECIFICATIONS

Table 1/3

| Catalog Number | Rack Height | Depth    | Package Quantity | Usable Height | Usable Width | Front Frame Construction                |
|----------------|-------------|----------|------------------|---------------|--------------|-----------------------------------------|
| 24571-438      | 3 U         | 255.5 mm | 1                | 112.3 mm      | 432 mm       | 19" Mounting Brackets, Horizontal Rails |
| 24571-441      | 3 U         | 315.5 mm | 1                | 112.3 mm      | 432 mm       | 19" Mounting Brackets, Horizontal Rails |
| 24571-442      | 3 U         | 375.5 mm | 1                | 112.3 mm      | 432 mm       | 19" Mounting Brackets, Horizontal Rails |
| 24571-443      | 3 U         | 435.5 mm | 1                | 112.3 mm      | 432 mm       | 19" Mounting Brackets, Horizontal Rails |
| 24571-444      | 3 U         | 495.5 mm | 1                | 112.3 mm      | 432 mm       | 19" Mounting Brackets, Horizontal Rails |
| 24571-486      | 4 U         | 255.5 mm | 1                | 156.8 mm      | 432 mm       | 19" Mounting Brackets, Horizontal Rails |
| 24571-489      | 4 U         | 315.5 mm | 1                | 156.8 mm      | 432 mm       | 19" Mounting Brackets, Horizontal Rails |
| 24571-490      | 4 U         | 375.5 mm | 1                | 156.8 mm      | 432 mm       | 19" Mounting Brackets, Horizontal Rails |
| 24571-491      | 4 U         | 435.5 mm | 1                | 156.8 mm      | 432 mm       | 19" Mounting Brackets, Horizontal Rails |
| 24571-492      | 4 U         | 495.5 mm | 1                | 156.8 mm      | 432 mm       | 19" Mounting Brackets, Horizontal Rails |
| 24571-534      | 6 U         | 255.5 mm | 1                | 245.7 mm      | 432 mm       | 19" Mounting Brackets, Horizontal Rails |
| 24571-537      | 6 U         | 315.5 mm | 1                | 245.7 mm      | 432 mm       | 19" Mounting Brackets, Horizontal Rails |
| 24571-538      | 6 U         | 375.5 mm | 1                | 245.7 mm      | 432 mm       | 19" Mounting Brackets, Horizontal Rails |
| 24571-539      | 6 U         | 435.5 mm | 1                | 245.7 mm      | 432 mm       | 19" Mounting Brackets, Horizontal Rails |

| CatalogNumber | Rack Height | Depth    | Package Quantity | Usable Height | Usable Width | Front Frame Construction                |
|---------------|-------------|----------|------------------|---------------|--------------|-----------------------------------------|
| 24571-540     | 6 U         | 495.5 mm | 1                | 245.7 mm      | 432 mm       | 19" Mounting Brackets, Horizontal Rails |
| 24572-201     | 5 U         | 255.5 mm | 1                | 201.25 mm     | 432 mm       | 19" Mounting Brackets, Horizontal Rails |
| 24572-204     | 5 U         | 315.5 mm | 1                | 201.25 mm     | 432 mm       | 19" Mounting Brackets, Horizontal Rails |
| 24572-205     | 5 U         | 375.5 mm | 1                | 201.25 mm     | 432 mm       | 19" Mounting Brackets, Horizontal Rails |
| 24572-206     | 5 U         | 435.5 mm | 1                | 201.25 mm     | 432 mm       | 19" Mounting Brackets, Horizontal Rails |
| 24572-207     | 5 U         | 495.5 mm | 1                | 201.25 mm     | 432 mm       | 19" Mounting Brackets, Horizontal Rails |
| 24572-345     | 5 U         | 255.5 mm | 1                | 201.25 mm     | 432 mm       | 19" Mounting Brackets, Horizontal Rails |
| 24572-348     | 5 U         | 315.5 mm | 1                | 201.25 mm     | 432 mm       | 19" Mounting Brackets, Horizontal Rails |
| 24572-349     | 5 U         | 375.5 mm | 1                | 201.25 mm     | 432 mm       | 19" Mounting Brackets, Horizontal Rails |
| 24572-350     | 5 U         | 435.5 mm | 1                | 201.25 mm     | 432 mm       | 19" Mounting Brackets, Horizontal Rails |
| 24572-351     | 5 U         | 495.5 mm | 1                | 201.25 mm     | 432 mm       | 19" Mounting Brackets, Horizontal Rails |
| 24572-570     | 2 U         | 255.5 mm | 1                | 67.9 mm       | 432 mm       | 19" Mounting Brackets, Horizontal Rails |
| 24572-573     | 2 U         | 315.5 mm | 1                | 67.9 mm       | 432 mm       | 19" Mounting Brackets, Horizontal Rails |
| 24572-574     | 2 U         | 375.5 mm | 1                | 67.9 mm       | 432 mm       | 19" Mounting Brackets, Horizontal Rails |

| CatalogNumber | Rack Height | Depth    | Package Quantity | Usable Height | Usable Width | Front Frame Construction                |
|---------------|-------------|----------|------------------|---------------|--------------|-----------------------------------------|
| 24572-575     | 2 U         | 435.5 mm | 1                | 67.9 mm       | 432 mm       | 19" Mounting Brackets, Horizontal Rails |
| 24572-576     | 2 U         | 495.5 mm | 1                | 67.9 mm       | 432 mm       | 19" Mounting Brackets, Horizontal Rails |

Table 2/3

| Catalog Number | Cooling Option | Complies With                                                             | EMC Shielding      | Height   | Product Family | Product Type |
|----------------|----------------|---------------------------------------------------------------------------|--------------------|----------|----------------|--------------|
| 24571-438      | No             | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | No (Retrofittable) | 132.6 mm | RatiopacPRO    | Case         |
| 24571-441      | No             | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | No (Retrofittable) | 132.6 mm | RatiopacPRO    | Case         |
| 24571-442      | No             | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | No (Retrofittable) | 132.6 mm | RatiopacPRO    | Case         |
| 24571-443      | No             | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | No (Retrofittable) | 132.6 mm | RatiopacPRO    | Case         |
| 24571-444      | No             | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | No (Retrofittable) | 132.6 mm | RatiopacPRO    | Case         |
| 24571-486      | No             | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | No (Retrofittable) | 177 mm   | RatiopacPRO    | Case         |

| CatalogNumber | Cooling Option | Complies With                                                             | EMC Shielding      | Height   | Product Family | Product Type |
|---------------|----------------|---------------------------------------------------------------------------|--------------------|----------|----------------|--------------|
| 24571-489     | No             | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | No (Retrofittable) | 177 mm   | RatiopacPRO    | Case         |
| 24571-490     | No             | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | No (Retrofittable) | 177 mm   | RatiopacPRO    | Case         |
| 24571-491     | No             | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | No (Retrofittable) | 177 mm   | RatiopacPRO    | Case         |
| 24571-492     | No             | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | No (Retrofittable) | 177 mm   | RatiopacPRO    | Case         |
| 24571-534     | No             | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | No (Retrofittable) | 265.9 mm | RatiopacPRO    | Case         |
| 24571-537     | No             | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | No (Retrofittable) | 265.9 mm | RatiopacPRO    | Case         |
| 24571-538     | No             | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | No (Retrofittable) | 265.9 mm | RatiopacPRO    | Case         |
| 24571-539     | No             | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | No (Retrofittable) | 265.9 mm | RatiopacPRO    | Case         |

| CatalogNumber | Cooling Option | Complies With                                                             | EMC Shielding      | Height   | Product Family | Product Type |
|---------------|----------------|---------------------------------------------------------------------------|--------------------|----------|----------------|--------------|
| 24571-540     | No             | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | No (Retrofittable) | 265.9 mm | RatiopacPRO    | Case         |
| 24572-201     | No             | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | No (Retrofittable) | 221.5 mm | RatiopacPRO    | Case         |
| 24572-204     | No             | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | No (Retrofittable) | 221.5 mm | RatiopacPRO    | Case         |
| 24572-205     | No             | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | No (Retrofittable) | 221.5 mm | RatiopacPRO    | Case         |
| 24572-206     | No             | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | No (Retrofittable) | 221.5 mm | RatiopacPRO    | Case         |
| 24572-207     | No             | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | No (Retrofittable) | 221.5 mm | RatiopacPRO    | Case         |
| 24572-345     | No             | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | No (Retrofittable) | 221.5 mm | RatiopacPRO    | Case         |
| 24572-348     | No             | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | No (Retrofittable) | 221.5 mm | RatiopacPRO    | Case         |

| CatalogNumber | Cooling Option | Complies With                                                             | EMC Shielding      | Height   | Product Family | Product Type |
|---------------|----------------|---------------------------------------------------------------------------|--------------------|----------|----------------|--------------|
| 24572-349     | No             | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | No (Retrofittable) | 221.5 mm | RatiopacPRO    | Case         |
| 24572-350     | No             | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | No (Retrofittable) | 221.5 mm | RatiopacPRO    | Case         |
| 24572-351     | No             | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | No (Retrofittable) | 221.5 mm | RatiopacPRO    | Case         |
| 24572-570     | No             | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | No (Retrofittable) | 88.1 mm  | RatiopacPRO    | Case         |
| 24572-573     | No             | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | No (Retrofittable) | 88.1 mm  | RatiopacPRO    | Case         |
| 24572-574     | No             | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | No (Retrofittable) | 88.1 mm  | RatiopacPRO    | Case         |
| 24572-575     | No             | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | No (Retrofittable) | 88.1 mm  | RatiopacPRO    | Case         |
| 24572-576     | No             | IEC 60297-3-101, IEC 60297-3-102, IEEE 1101.1, IEEE 1101.10, IEEE 1101.11 | No (Retrofittable) | 88.1 mm  | RatiopacPRO    | Case         |

Table 3/3

| Catalog Number | Protection Rating | Rack Width | Static Load | Type                                      | Width    |
|----------------|-------------------|------------|-------------|-------------------------------------------|----------|
| 24571-438      | IP20              | 84 HP      | 25 kgf      | Case for Individual Electronic Components | 448.9 mm |
| 24571-441      | IP20              | 84 HP      | 25 kgf      | Case for Individual Electronic Components | 448.9 mm |
| 24571-442      | IP20              | 84 HP      | 25 kgf      | Case for Individual Electronic Components | 448.9 mm |
| 24571-443      | IP20              | 84 HP      | 25 kgf      | Case for Individual Electronic Components | 448.9 mm |
| 24571-444      | IP20              | 84 HP      | 25 kgf      | Case for Individual Electronic Components | 448.9 mm |
| 24571-486      | IP20              | 84 HP      | 25 kgf      | Case for Individual Electronic Components | 448.9 mm |
| 24571-489      | IP20              | 84 HP      | 25 kgf      | Case for Individual Electronic Components | 448.9 mm |
| 24571-490      | IP20              | 84 HP      | 25 kgf      | Case for Individual Electronic Components | 448.9 mm |
| 24571-491      | IP20              | 84 HP      | 25 kgf      | Case for Individual Electronic Components | 448.9 mm |
| 24571-492      | IP20              | 84 HP      | 25 kgf      | Case for Individual Electronic Components | 448.9 mm |
| 24571-534      | IP20              | 84 HP      | 25 kgf      | Case for Individual Electronic Components | 448.9 mm |
| 24571-537      | IP20              | 84 HP      | 25 kgf      | Case for Individual Electronic Components | 448.9 mm |
| 24571-538      | IP20              | 84 HP      | 25 kgf      | Case for Individual Electronic Components | 448.9 mm |
| 24571-539      | IP20              | 84 HP      | 25 kgf      | Case for Individual Electronic Components | 448.9 mm |



| Catalog Number | Protection Rating | Rack Width | Static Load | Type                                      | Width    |
|----------------|-------------------|------------|-------------|-------------------------------------------|----------|
| 24571-540      | IP20              | 84 HP      | 25 kgf      | Case for Individual Electronic Components | 448.9 mm |
| 24572-201      | IP20              | 84 HP      | 25 kgf      | Case for Individual Electronic Components | 448.9 mm |
| 24572-204      | IP20              | 84 HP      | 25 kgf      | Case for Individual Electronic Components | 448.9 mm |
| 24572-205      | IP20              | 84 HP      | 25 kgf      | Case for Individual Electronic Components | 448.9 mm |
| 24572-206      | IP20              | 84 HP      | 25 kgf      | Case for Individual Electronic Components | 448.9 mm |
| 24572-207      | IP20              | 84 HP      | 25 kgf      | Case for Individual Electronic Components | 448.9 mm |
| 24572-345      | IP20              | 84 HP      | 25 kgf      | Case for Individual Electronic Components | 448.9 mm |
| 24572-348      | IP20              | 84 HP      | 25 kgf      | Case for Individual Electronic Components | 448.9 mm |
| 24572-349      | IP20              | 84 HP      | 25 kgf      | Case for Individual Electronic Components | 448.9 mm |
| 24572-350      | IP20              | 84 HP      | 25 kgf      | Case for Individual Electronic Components | 448.9 mm |
| 24572-351      | IP20              | 84 HP      | 25 kgf      | Case for Individual Electronic Components | 448.9 mm |
| 24572-570      | IP20              | 84 HP      | 25 kgf      | Case for Individual Electronic Components | 448.9 mm |
| 24572-573      | IP20              | 84 HP      | 25 kgf      | Case for Individual Electronic Components | 448.9 mm |
| 24572-574      | IP20              | 84 HP      | 25 kgf      | Case for Individual Electronic Components | 448.9 mm |
| 24572-575      | IP20              | 84 HP      | 25 kgf      | Case for Individual Electronic Components | 448.9 mm |

| Catalog Number | Protection Rating | Rack Width | Static Load | Type                                      | Width    |
|----------------|-------------------|------------|-------------|-------------------------------------------|----------|
| 24572-576      | 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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