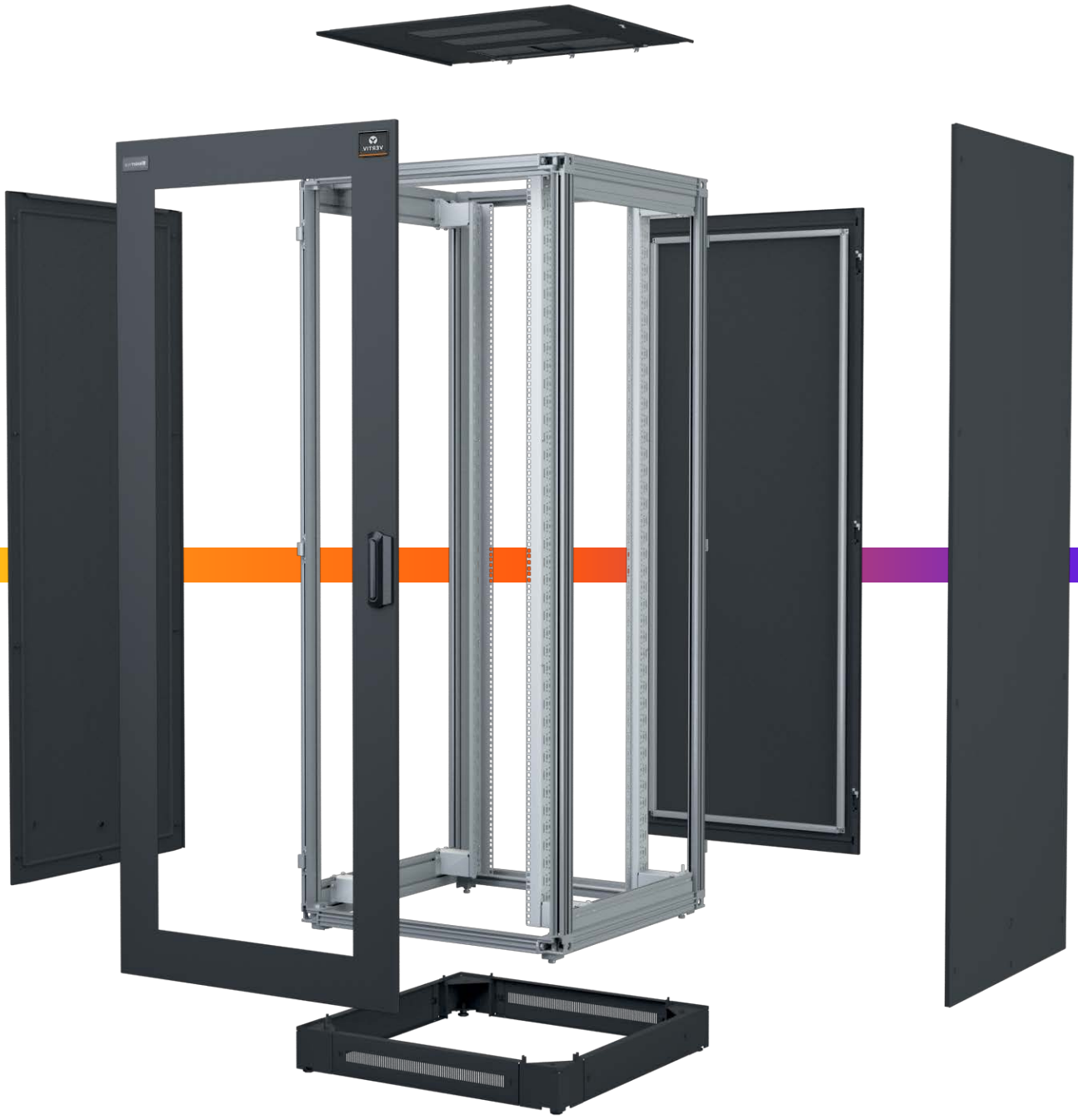
VERTIV™

Vertiv™ Knürr™ Priority Range



Vertiv

Vertiv designs, builds and services mission critical technologies that enable the vital applications for data centers, communication networks, and commercial and industrial environments. We support today's growing mobile and cloud computing markets with our portfolio of power, thermal, infrastructure management products, software and solutions, all complemented by our global service network. Bringing together global reach and local knowledge, and our decades-long heritage including brands like, Liebert® and NetSure™, our team of experts is ready to take on your most complex challenges, creating solutions that keep your systems running — and your business moving. Together, we're building the future of a world where critical technologies always work.

Your vision, Our passion.

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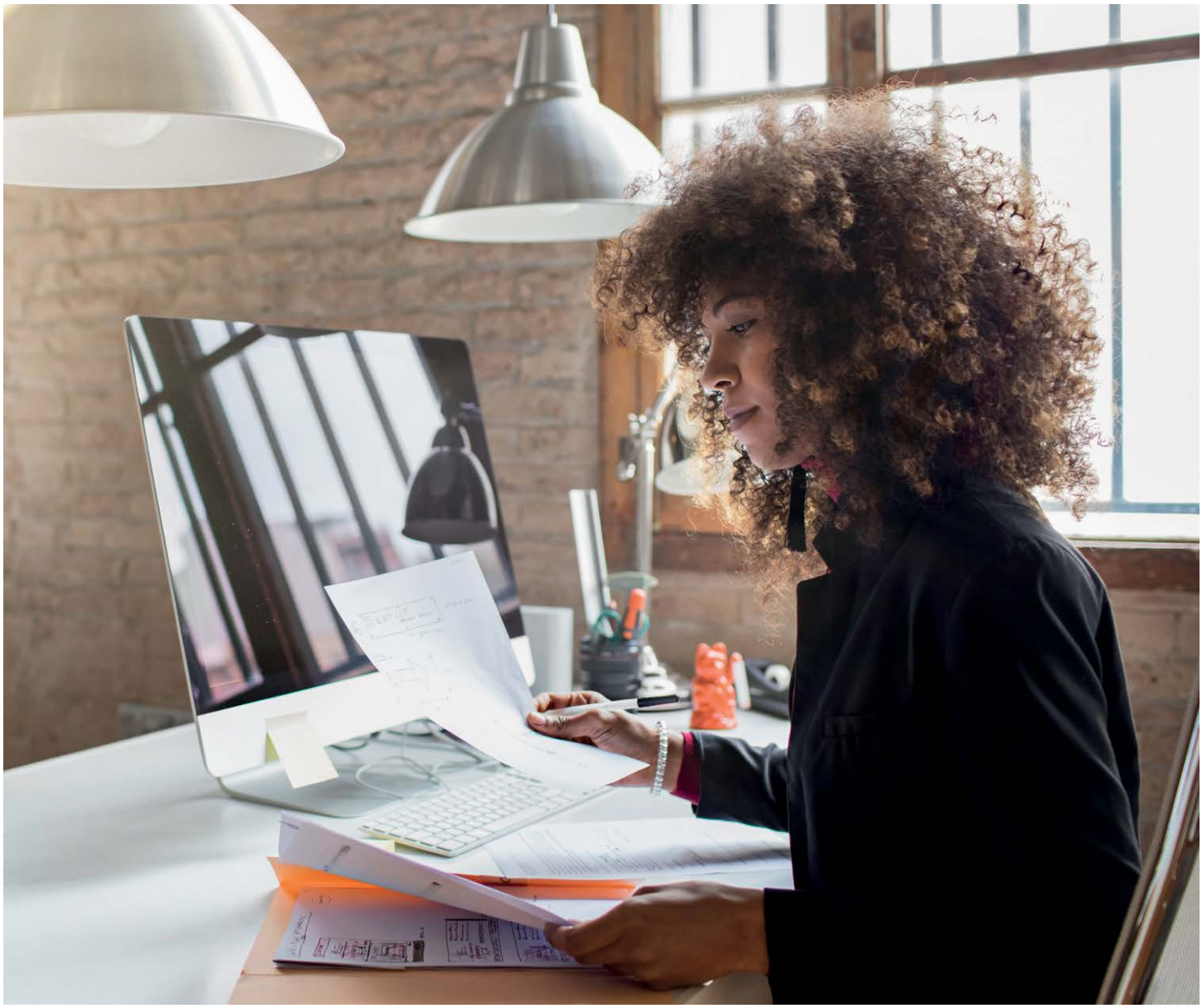

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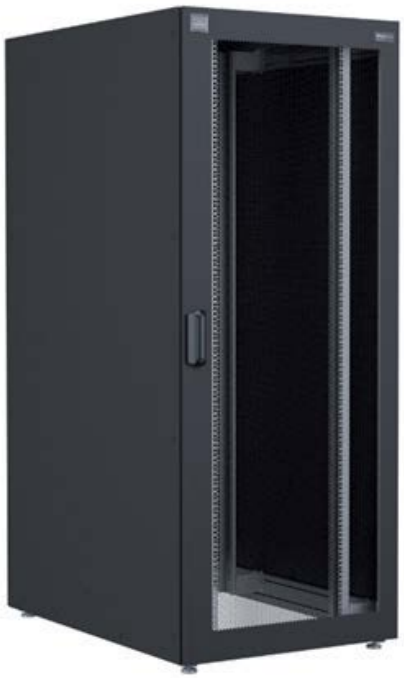
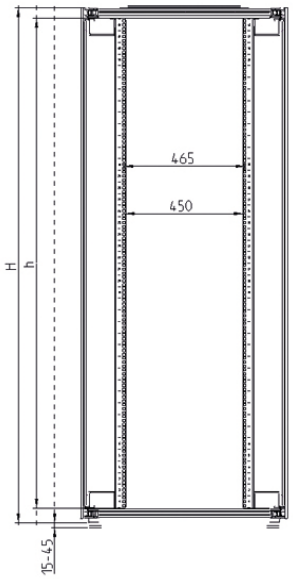
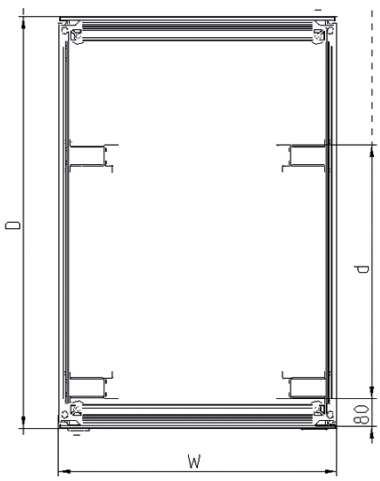


Vertiv™ Knürr™ MIR2 Server Rack





Vertiv™ Knürr™ MIR2 – Server Cabinet Features

- With fixed 19” installation from front and rear for installations in accordance with IEC 297-3.
- Perforated single-leaf front and rear doors.
- Special 19" server extrusions to accommodate all standard 19" servers.
- Installations in accordance with IEC 297-3.
- Cable inlet via floor and via cover.
- Cable inlet at cover rear completely removable, making cover assembly/ disassembly possible after cabling.

Stowing space

- To front 80 mm.

Load-bearing capacity

- 8000 N static.

Protection class

- IP 20.

Tests

- Grounding in accordance with VDE 0100 T 540.
- Grounding in accordance with DIN EN 60950.
- IP test in accordance with EN 60529.

Material/ Surface

- Extruded aluminum profile base frame
- Plain die-cast aluminum corner connectors
- Galvanized sheet steel panels, powder-coated structure.
- Sheet steel doors, powder-coated structure.
- 19" extrusions, 2.0 mm sheet steel, galvanized.

Color

- x = .1 visible surfaces and cladding panels RAL 7035 light gray.
- x = .8 visible surfaces and cladding panels RAL 7021 black-gray.

Scope of delivery

- 1 x base frame.
- 4 x 19" sheet steel server extrusions incl. U marking.
- 2 x side panels with quick locks.
- 1 x cover with rear cable inlet (sliding panels in three parts, may also be opened complete).
- 1 x front door, single-leaf with handle and receptacle for locking cylinder.
- 1 x rear door, single-leaf with handle and receptacle for locking cylinder.
- 1 x grounding set, complete (VDE 0100).
- 4 x leveling feet

How supplied

- Assembled.

Note

- For drawers, pull-out shelves and chassis rails please also order extrusion adapter 01.147.640.9.

W	H	D	U	h	d	kg	Order No.	UP
800	1969	1000	42	1873	740	107	**01.157.011.x-026**	1 unit P
800	2191	1000	47	2095	740	116	**01.157.011.x-036**	1 unit P
800	1969	1200	42	1873	740	111	**01.157.011.x-028**	1 unit P
800	2191	1200	47	2095	740	123	**01.157.011.x-038**	1 unit P

Vertiv™ Knürr™ MIR2 Server and Network Rack

Configurator

Vertiv™ Knürr™ MIR2 – configured by you

Vertiv Knürr MIR2 is one of our configurable rack platforms.
You can easily select the options you need for your individual rack, based on the matrix.

Example product number

	Dimensions			Doors		19" Extrusions		Cover parts						Colours
Product	Height	Width	Depth	Front Door	Rear Door	19" Front Vertical Extrusion	19" Rear Vertical Extrusion	Top Cover	Plinth	Side Panel	Packaging	Jumpering Depth	Free	Colour
N	W	8	E	A	W	S	S	W	F	W	X	Q	X	8

Priority Range

Additional configuration options are available in our Vertiv™ Knürr™ IT Special Catalog

Vertiv™ Knürr™ MIR2 All-in-One server and network cabinets

Material

- Extruded aluminum profile.
- Die-cast aluminum corner connectors.
- Galvanized sheet steel cladding panels.
- Sheet steel doors.

Installation dimensions in accordance with IEC 60297-1 and IEC 60297-2

- Height: 42 U / 47 U.

Capacity

- Front stowing space 80 mm to 215 mm.
- Internal hinge: 130° as a cabinet row, 160° as a single cabinet.

Installation types

- Stationary, or mobile.

Surface/color

- Polished base frame
- Visible panel surfaces. Powder-coated black-gray RAL 7021 and light gray RAL 7035.

Static load

- 8000 N (stationary version).
- 4000 N (mobile version).

Tests depending on version

- Grounding and protective conductor testing. In accordance with DIN EN 60950.

	Dimensions			Doors		19" Extrusions		Cover parts						Colour
	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Option Matrix	Rack Height	Rack Width	Rack Depth	Front Door	Rear Door	19" Vertical Extrusion Front	19" Vertical Extrusion Rear	Cover	Base	Side Panels	Packaging	Stowing depth 19" extrusion / insertion depth	Free	Colour
N= (P) Vertiv™ Knürr™ MIR2 Rack	B= (P) 42 U	8= (P) 800 mm	E= (P) 1000 mm	A= (P) Single-leaf glass door, right	A= (P) Single-leaf glass door, right	A= (P) 19" vertical server extrusion with air partition and 1U covers	S= (P) 19" server extrusion	B= (P) Cover with cable inlet to rear and Coolblast fan option	F= (P) no base, with adjustable feet	B= (P) Left and right side panels	X = (P) Standard packaging	A= (P) 80/740mm*	X (P)	1= (P) RAL 7035
	D= (P) 47 U		G= (P) 1200 mm	B= (P) Single-leaf sheet steel door, right	B= (P) Sheet steel door single-leaf, right	S= (P) 19" server extrusion	X= (P) without extrusions	C= (P) Cover with cable inlet to rear	G= (P) Stationary base, 100 mm, perforated front/rear	L= (P) Left side panel		D= (P) 123/740mm*		8= (P) RAL 7021
				C= (P) Perforated sheet steel door, single-leaf, right	C= (P) Sheet steel door perforated, single-leaf, right	X= (P) without extrusions		E= (P) Cover with side cable inlet	R= (P) mobile using rollers	R= (P) Right side panel		G= (P) 150/740mm*		X= (P) no color**
				F= (P) Double-leaf sheet steel door	F= (P) Double-leaf sheet steel door			X= (P) without cover		X= (P) open to left and right				
				G= (P) Perforated sheet steel door, double-leaf	G= (P) Perforated sheet steel door, double-leaf									
				X= (P) Without door	X= (P) Without door									

(P) = **assemble to order** (shipped within 5 working days). Caution: In case of larger orders, delivery times may increase.

Note:

* *This option is not available for all cabinet widths, cabinet depths, installation depths and insertion depths.*

** *Please use "X" if no cladding panels are selected.*

SELECT YOUR OPTIONS

Vertiv™ Miracel™ 2 Server Rack:

General Description

- With fixed 19” installation extrusions for installations in accordance with IEC 297-3.
- Suitable for 19” server, switches, hub, router, chassis runners, drawers, pull-out shelves, cable management, etc.
- Cable inlet via base or cover depending on product version.
- Cable inlet at cover, to rear; cover assembly or disassembly possible after cabling.
- Door opening angle 160° with internal hinge.
- Protection rating – IP 20. Tests
- Grounding in accordance with VDE 0100 T 540.
- IP test in accordance with EN 60529. Material/Surface
- Extruded aluminum profile base frame
- Plain die-cast aluminum corner connectors
- Galvanized sheet steel panels, powder-coated structure.
- Load capacity 8000 N static.

Vertiv™ Miracel™ 2 Server Rack					**Jumpering space/ Insertion depth**	**Color**	
Part No.	**Model**	**H**	**W**	**D**	**A = 80/740mm**	**1 = RAL 7035 8 = RAL 7021 X = no color**	
NB8ECGASEFXXAX8	Vertiv™ Knürr™ MIR2 42U W800mm D1000mm	2000mm	800mm	1000mm	x	8	P
NB8ECGASEFXXAX1	Vertiv Knürr MIR2 42U W800mm D1000mm	2000mm	800mm	1000mm	x	1	P
NB8GCGASEFXXAX8	Vertiv Knürr MIR2 42U W800mm D1200mm	2000mm	800mm	1200mm	x	8	P
NB8GCGASEFXXAX1	Vertiv Knürr MIR2 42U W800mm D1200mm	2000mm	800mm	1200mm	x	1	P
ND8ECGASEFXXAX8	Vertiv Knürr MIR2 47U W800mm D1000mm	2200mm	800mm	1000mm	x	8	P
ND8ECGASEFXXAX1	Vertiv Knürr MIR2 47U W800mm D1000mm	2200mm	800mm	1000mm	x	1	P
ND8GCGASEFXXAX8	Vertiv Knürr MIR2 47U W800mm D1200mm	2200mm	800mm	1200mm	x	8	P
ND8GCGASEFXXAX1	Vertiv Knürr MIR2 47U W800mm D1200mm	2200mm	800mm	1200mm	x	1	P

- Front doors, single-leaf, perforated, sheet steel, with handle and provision for locking cylinder.
- Rear doors, double-leaf, perforated, sheet steel, with handle and provision for locking cylinder.
- 19” server extrusions with air partition and 1U covers, front
- 19” server extrusions, rear.
- Cover with side cable inlet.
- Leveling feet

P = **assemble to order** (shipped within 5 working days). Caution: In case of larger orders, delivery times may increase.

Dimensions in mm:

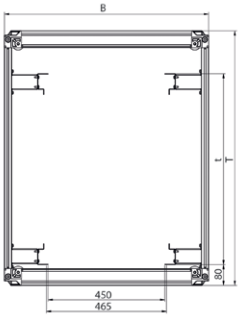
W	= Width	h	= Installation height	U	= Standard rack unit	kg	= Weight
H	= Height	d	= Insertion depth		(1 U = 44.45 mm)		
D	= Depth	L	= Length	UP	= Packaging unit		

Conversion:

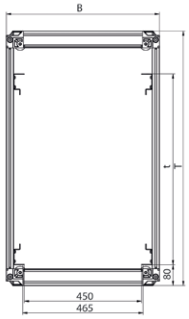
1 mm	= 0.03937 inch
1 kg	= 2.2046 pounds

DCM20003
stationary

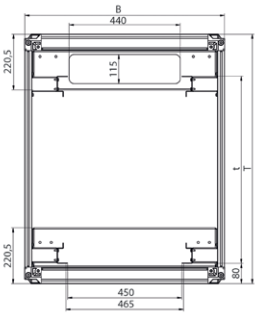
DCM20022
mobile



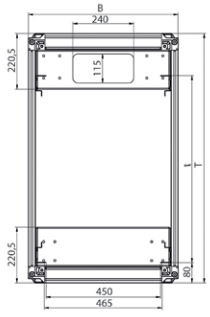
DCM20063
Cut width 800 mm, stationary



DCM20062
Cut width 600 mm, stationary



DCM20065
Cut width 800 mm, mobile



DCM20064
Cut width 600 mm, mobile

Vertiv™ Knürr DCM™ Heavy Duty Cabinet 19” Server Cabinet

Width 600 and 800, stationary and mobile

- Perforated front door.
- Perforated door leaf to rear.
- Special 19” server extrusions to accommodate all standard 19” servers.
- Installations in accordance with IEC 297-3.
- Cable inlet via floor and via cover.
- Cable inlet at cover rear completely removable, making, making cover assembly/disassembly possible after cabling.
- In mobile version with heavyweight rollers with excellent ground clearance.

Stowing space

- To front 80 mm.

Load capacity

- 15,000 N static.
- 10,000 N mobile in RZ with load.

Protection class

- IP 20.

Tests

- Grounding in accordance with DIN EN 60950.
- Mobile version: Grounding in accordance with VDE 0100 T 540.
- IP test in accordance with DIN 40 050 / IEC 529.

Flow cross-section

- Perforation 83 %.

Material / Surface

- Extruded aluminum profile base frame, polished.
- Die-cast aluminum corner connectors, polished.
- Sheet steel doors, powder-coated structure.
- Galvanized sheet steel panels, powder-coated structure.
- 19" extrusions, 2.0 mm sheet steel, galvanized.

Color

- Visible panel surfaces.
- RAL 7021 black-gray.

Scope of delivery

- 1 base frame.
- 4 19” server extrusions, sheet steel incl. U marking.
- 2 side panels with quick locks.
- 1 Cover with cable inlet (sliding panels in three parts, may also be opened complete).
- 1 Front door, single leaf, perforated with handle and receptacle for locking cylinder.
- 1 Rear door, double leaf, perforated, sheet steel, with handle and receptacle for locking cylinder.
- 4 leveling feet.
- 1 grounding set, complete (VDE 0100).
- Mobile version: also includes 2 roller mountings with heavyweight rollers with integrated cable inlets.

How supplied

- Assembled.

Note

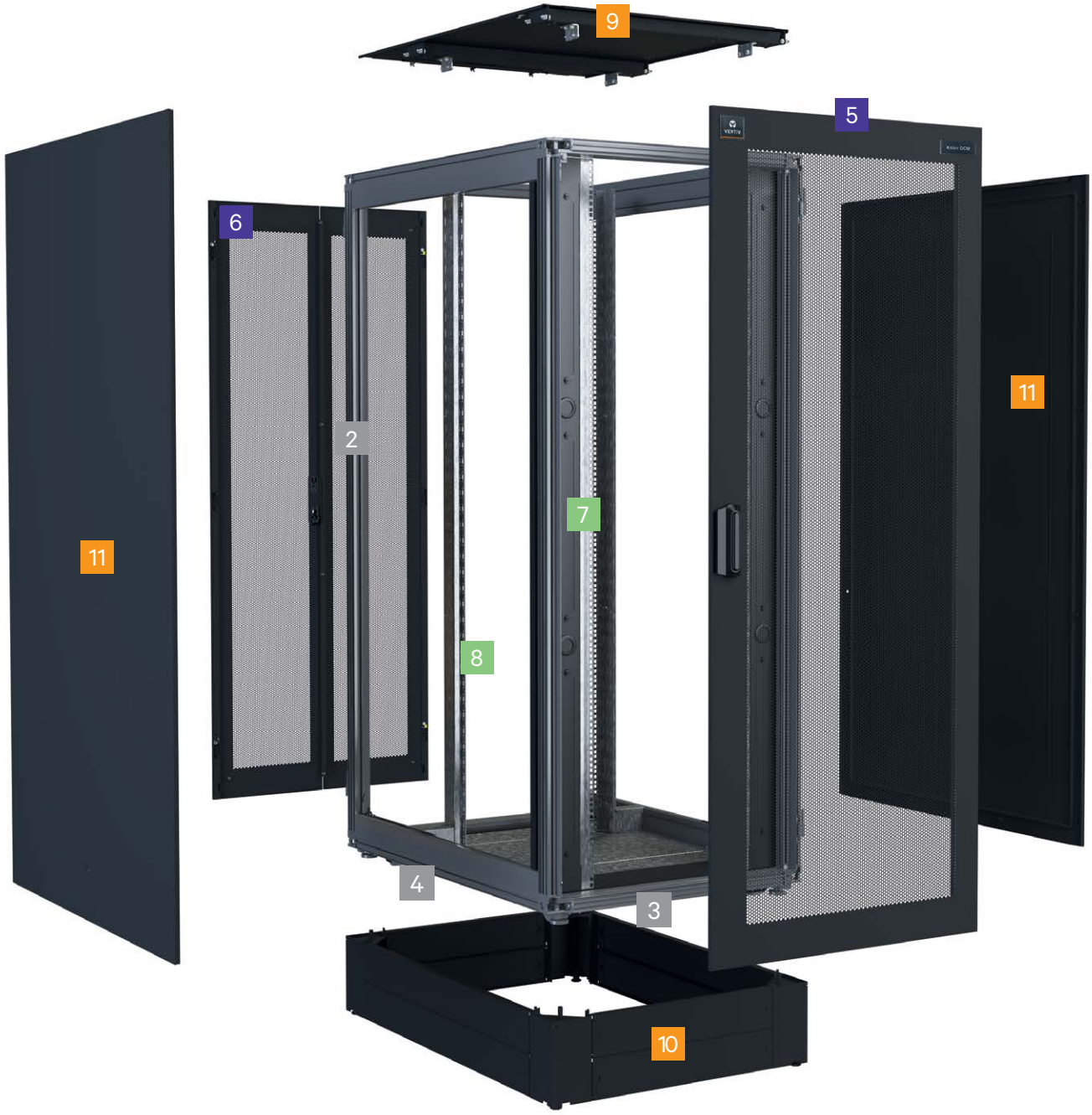
- For assembling Vertiv Knürr accessories, please also order fixing adapter for 19” server extrusion.

W	H	D	U	d	kg	Version	Part No.	PU
800	2000	1200	42	740	132	stationary, with side panels	DB8GCGSSCFBXXX8	1 pc P
800	2200	1200	47	740	136	stationary, with side panels	DD8GCGSSCFBXXX8	1 pc P
800	2000	1200	42	740	92	stationary, without side panels	DB8GCGSSCFXXXX8	1 pc P
800	2200	1200	47	740	94	stationary, without side panels	DD8GCGSSCFXXXX8	1 pc P
800	2200	1200	47	740	146	mobile, with side panels	DD8GCGSSCRBXXX8	1 pc P
800	2200	1200	47	740	104	mobile, without side panels	DD8GCGSSCRXXXX8	1 pc P

Vertiv™ Knürr DCM™

Configurator

- Up to 2.5 million different assembly options



Vertiv™ Knürr DCM™

Configured by you

Impressive number of variations:

There are now up to 2.5 million options for a configuration with the 'Configurable Article Number' (which replaces the old order numbers).

A system building box that significantly simplifies your combinations.

This 'Configurable Article Number' reproduces all requested properties via multiple choice (see chart below), without requiring detailed rack descriptions.

Definite identification is also possible with a repeat order or upgrade.

The 'Configurable Article Number' makes a significant contribution to simplifying the selection and ordering process.

Priority Range

Additional configuration options are available in our Vertiv™ Knürr™ IT Special Catalog

Vertiv™ Knürr DCM™ Heavy Duty Cabinet

Material

- Extruded aluminum profile.
- Die-cast aluminum corner connectors.
- Galvanized sheet steel cladding panels.
- Sheet steel doors.

Installation dimensions in accordance with IEC 60297-1 and IEC 60297-2

- Height: 42 U / 47 U

Capacity

- Front stowing space 80 mm.
- Internal hinge: 130° as a cabinet row, 160° as a single cabinet.

Installation types

- Stationary, or mobile.

Surface/color

- Plain base frame
- Visible panel surfaces powder-coated black-gray RAL 7021.

Static load

- 15000 N (stationary version).
- 10000 N (mobile version).

Tests depending on version

- IP test in accordance with IEC 60529.
- Grounding and protective conductor test in accordance with DIN EN 60950.

	Dimensions			Doors		19" Extrusions		Covers			Packaging			Colour
1	2 Rack Height	3 Rack Width	4 Rack Depth	5 Front Door	6 Rear Door	7 19"-Front Vertical Extrusion	8 19"-Rear Vertical Extrusion	9 Cover	10 Plinth	11 Side Panel	12 Packaging	13 19" vertical extrusion, mounting position front and space between	14 Free	15 Colour
D= (P) Vertiv™ Knürr™ DCM Rack	B= (P) 42 U	8= (P) 800 mm	E= (P) 1000 mm	A= (P) Single glass door	A= (P) Single glass door	A= (P) 19" vertical server extrusion with air containment and 3x1 U cut-outs*	S= (P) 19" vertical server extrusion	C= (P) Top cover with cable entry	F= (P) Stationary without base. Only adjustable feet are height-adjustable	B= (P) Both sides	X= (P) Standard packaging	A= (P) 80/740mm	X (P)	1= (P) RAL 7035
	D= (P) 47 U		G= (P) 1200 mm	B= (P) Single steel sheet door	B= (P) Single steel sheet door	S= (P) 19" vertical server extrusion	X= (P) Without 19" extrusions	E= (P) Cover with lateral cable entry	G= (P) Base stationary 100mm, with vent slots	L= (P) Left		D= (P) 123/740 mm		8= (P) RAL 7021
				C= (P) Perforated single door	C= (P) Perforated single door			X= (P) Without cover	R= (P) With rollers	R= (P) Right		G= (P) 150/740 mm		X= (P) without colour**
				F= (P) Sheet steel double door	F= (P) Sheet steel double door					X= (P) Without				
				G= (P) Sheet steel perforated double door	G= (P) Sheet steel perforated double door									
				X= (P) Without door	X= (P) Without door									

Configuration example:

Product	Height	Width	Depth	Front Door	Rear Door	19"- Front Vertical Extrusion	19"- Rear Vertical Extrusion	Cover	Plinth	Side Panel	Packaging	Free	Free	Colour
D	B	8	F	G	X	A	X	C	B	L	X	A	X	8

Note:

* *This option is not available for all cabinet widths, cabinet depths, installation depths and insertion depths.*

** *Please use "X" if no cladding panels are selected.*

(P) = **assemble to order** (shipped within 5 working days). Caution: In case of larger orders, delivery times may increase.

Vertiv™ Knürr DCM™ Server Rack

General Description

- Extruded aluminum profile base frame, polished.
- Die-cast aluminum corner connectors, polished.
- Sheet steel doors, powder-coated structure.
- Galvanized sheet steel panels, powder-coated structure.
- 19” extrusions, 2.0 mm sheet steel, galvanized.
- Special 19" server extrusions to accommodate all standard 19" servers.
- Installations in accordance with IEC 297-3.
- Cable inlet via floor and via cover.
- Cable inlet at cover, rear completely removable, making cover assembly/ disassembly possible after cabling.
- In mobile version with heavyweight rollers with excellent ground clearance.
- 4 leveling feet.
- 1 grounding set, complete (VDE 0100).
- Mobile version: also includes 2 roller mountings with heavyweight rollers with integrated cable inlets.
- Door perforation 83%
- Tests
- Grounding in accordance with DIN EN 60950.
- Mobile version: Grounding in accordance with VDE 0100 T540.
- IP test in accordance with DIN 40 050 / IEC 529.
- Protection rating IP 20.
- Load capacity:
- 15,000 N, static; 10,000 N mobile in RZ with load.
- How supplied
- Assembled.
- Color
- Visible panel surfaces.
- RAL 7021 black-gray.

Vertiv™ Knürr DCM™ Server Rack					Jumpering space/ Insertion depth	Color	
Part No.	**Model**	**H**	**W**	**D**	**A = 80/740mm**	**1 = RAL 7035 8 = RAL 7021 X = no color**	
DB8GCCASEFXXAX8	Vertiv™ Knürr DCM™ 42U W800mm D1200mm	2000mm	800mm	1200mm	x	8	P
DB8GCCASEFXXAX1	Vertiv Knürr DCM 42U W800mm D1200mm	2000mm	800mm	1200mm	x	1	P

- Front doors, single-leaf, perforated, sheet steel, with handle and provision for locking cylinder.
- Rear doors, single-leaf, perforated, sheet steel, with handle and provision for locking cylinder.
- 19” server extrusions with air partition and 1U covers, front
- 19” server extrusions, rear.
- Cover with side cable inlet.
- Leveling feet

Vertiv™ Knürr DCM™ Server Rack					Jumpering space/ Insertion depth	Color	
Part No.	**Model**	**H**	**W**	**D**	**A = 80/740mm**	**1 = RAL 7035 8 = RAL 7021 X = no color**	
DB8GCGASEFXXAX8	Vertiv™ Knürr DCM™ 42U W800mm D1200mm	2000mm	800mm	1200mm	x	8	P
DB8GCGASEFXXAX1	Vertiv Knürr DCM 42U W800mm D1200mm	2000mm	800mm	1200mm	x	1	P
DD8GCGASEFXXAX1	Vertiv Knürr DCM 47U W800mm D1200mm	2200mm	800mm	1200mm	x	1	P
DD8GCGASEFXXAX8	Vertiv Knürr DCM 47U W800mm D1200mm	2200mm	800mm	1200mm	x	8	P

- Front doors, single-leaf, perforated, sheet steel, with handle and provision for locking cylinder.
- Rear doors, single-leaf, perforated, sheet steel, with handle and provision for locking cylinder.
- 19” server extrusions with air partition and 1U covers, front
- 19” server extrusions, rear.
- Cover with side cable inlet.
- Leveling feet

Dimensions in mm:

								Conversion:	
W	= Width	h	= Installation height	U	= Standard rack unit	kg	= Weight	1 mm	= 0.03937 inch
H	= Height	d	= Insertion depth		(1 U = 44.45 mm)			1 kg	= 2.2046 pounds
D	= Depth	L	= Length	UP	= Packaging unit				

P = **assemble to order** (shipped within 5 working days). Caution: In case of larger orders, delivery times may increase.

Our Priority System Accessories

For the full range, see our new Knürr IT Special Catalog

Bottom plate

- For cladding the cabinet underside.
- Flexible cable insertion to front and rear with foam rubber seal or brush strips.
- For racks with and without roller beam.

Material / Surface

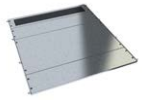
- Sheet steel, 1.5 mm, galvanized.
- With foam rubber seal (foam rubber 50 x 30 mm).

Scope of delivery

- Base plates.
- 2 securing brackets.
- Assembly material.

How supplied

- As a set.

Image	Description	Part Number	
	Base plate for cable insertion with foam rubber seal	**01.147.850.0** P	**01.147.856.0** P

MEC20179

MEC20180

MEC20178

19” Quick-Fix blind panel.

Tool-free assembly.

- For covering open 19” surfaces (cold-warm separation)
- Quick and easy assembly and disassembly without tools (one click) (quarter-turn).
- Fits 9.5 x 9.5 square perforations.

Material

- Sheet steel 1.0 mm.

Surface

- Last figure in order number .1: Power-coated RAL 7035, light gray structure.
- Last figure in order number .8: Powder-coated RAL 7021, black-gray structure.

Scope of delivery

- X (for volume, see order no.) 19” Quick-Fix blind panel.
- Assembly material.

How supplied

- As a set (for volume, see order no.); securing clips pre-installed.

W	H	U	Part No.	PU
482.6	43.6	1	**01.103.301.X**	6 pc P
482.6	88.1	2	**01.103.302.X**	3 pc P
482.6	132.5	3	**01.103.303.X**	2 pc P
482.6	265.9	6	**01.103.306.X**	1 pc P

Dimensions in mm:

W = Width h = Installation height U = Standard rack unit kg = Weight

H = Height d = Insertion depth (1 U = 44.45 mm)

D = Depth L = Length UP = Packaging unit

Conversion:

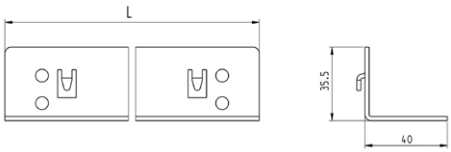
1 mm = 0.03937 inch

1 kg = 2.2046 pounds

P = **assemble to order** (shipped within 5 working days). Caution: In case of larger orders, delivery times may increase.

MEC20162

MEC20167



MEC20167

Chassis runner

Can be hooked on and screwed on

- For installation in 19" rack and 19" enclosure.
- Can be hooked on for quick and easy mounting.
- Can also be attached with screws to accommodate heavier loads.
- Can be screwed from inside (used in rack suites).
- Adjustable height to suit various main-section heights.

Material/Finish

- Sheet steel, 2.0 mm.
- Zinc-passivated, blue chrome-plated.

Load rating

- 1000 N max. with even load distribution.

Scope of delivery

- 2 x chassis runners.
- 1 x Mounting kit.

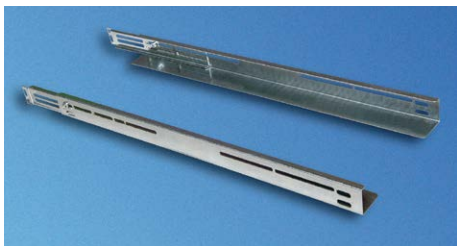
How supplied

- In pairs.

Note

- When selecting the chassis runner, please take into account the depth "d" of the rack or enclosure. Four 19" extrusions are required for mounting.
- Mounting adapter for 19" server extrusions 01.147.640.9 1 Set.
- Mounting adapter for Smaract 19" server extrusions 01.127.119.9 1 Set.

D_{rack}	d	L	For rack type	Order No.	UP
from 900	740	711	MIR2 / Vertiv™ Knurr DCM™ / Vertiv™ Smaract™	**01.103.056.0**	1 pair P



MEC20163

MEC20166

Chassis runner, adjustable depth

- For installation in 19" rack and 19" enclosure.
- Adjustable depth.
- Can be screwed from inside (used in rack suites).
- Height can be adjusted to suit various main-section heights.

Material/Finish

- Sheet steel, 1.25 mm.
- Zinc-passivated, blue chrome-plated.

Load rating

- 200 N max. with even load distribution.

Scope of delivery

- 2 x basic rails.
- 2 x extension rails.
- 1 x Mounting kit.

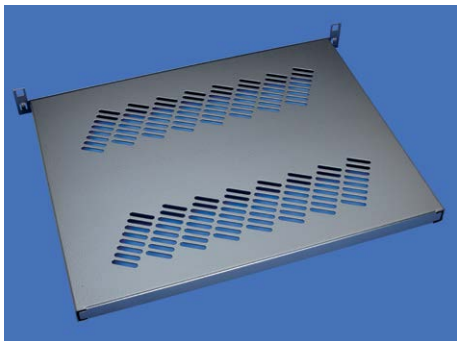
How supplied

- In pairs.

Note

- When selecting the chassis runner, please take into account the depth "d" of the rack or enclosure. Four 19" extrusions are required for mounting.
- Mounting adapter for 19" server extrusions 01.147.640.9 1 Set.
- Mounting adapter for Smaract 19" server extrusions 01.127.119.9 1 Set.

D_{rack}	d	For rack type	Order No.	UP
800-1200	565-740	MIR2 / Vertiv™ Knurr DCM™ / Vertiv™ Smaract™	**01.103.092.0**	1 pair P



MEC20221

19" QuickFix shelf

Tool-less assembly

- Quick and easy tool-less mounting. Mounted on 19" cutouts.
- Quick and easy tool-less fitting (one click) and removal (quarter turn).
- Suitable for all racks and enclosures with 19" mounting hole extrusions (9.0 x 9.0 square holes).
- Adjustable depth to accommodate variable recess depths and special dimensions.
- Perforated to optimize air supply.

Material

- Sheet steel, 1.0 mm.

Finish

- Final digit of order number .1: powder-coated texture, RAL 7035, light-grey.
- Final digit of order number .8: powder-coated texture, RAL 7021 dark-grey.

Load rating

- 700 N static with even load distribution.

Scope of delivery

- 1 x 19" QuickFix shelf.
- 1 x Mounting kit.

How supplied

- In sets.

Note

- Cannot be used for 19" t-slot extrusions.
- Nothing may be attached on the first upper U otherwise the shelf can not be mounted in the 19" cutouts.

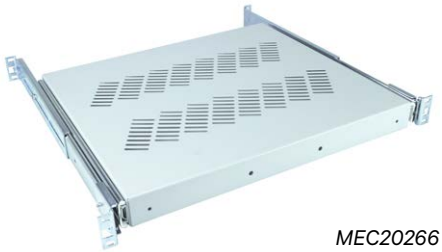
$D_{Insertion\ depth}$	WxL	Order No.	UP
565–740	430 x 500	**01.102.072.8**	1 unit (P)

Dimensions in mm:

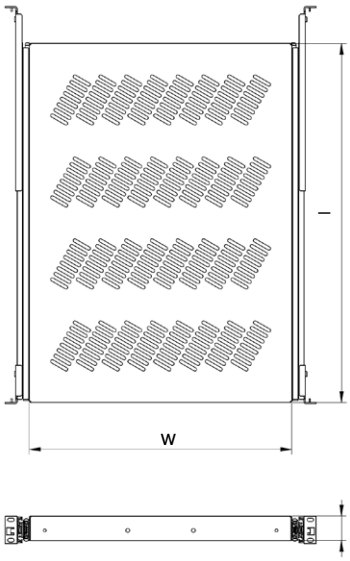
W	= Width	h	= Installation height	U	= Standard rack unit	kg	= Weight	1 mm	= 0.03937 inch
H	= Height	d	= Insertion depth		(1 U = 44.45 mm)			1 kg	= 2.2046 pounds
D	= Depth	L	= Length	UP	= Packaging unit				

Conversion:

(P) = **assemble to order** (shipped within 5 working days). Caution: In case of larger orders, delivery times may increase.



MEC20266



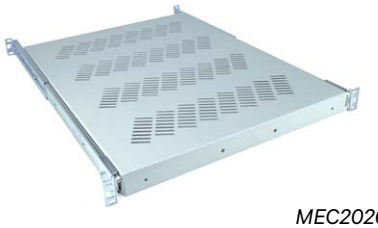
MEC20267

19" Shelf full extension

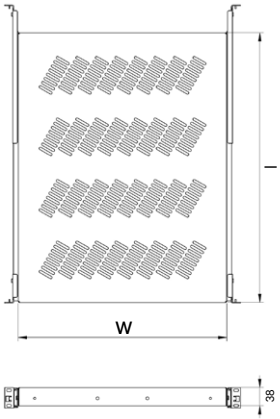
- Integrated mounting holes at front and rear for handle or cable cantilever.
- Perforated to optimize air supply.
- Locks in extended position (friction lock).
- Quick separator for tool-less removal and decoupling of shelf board.
- Easy installation from the front of 19" extrusions.
- Integrated latching hooks as mounting aid for mounting hole extrusions.
- Installation on the T-slot extrusions by screwing possible.

- **Material / Finish**
  - Mounting brackets: Sheet steel 2.0 mm, galvanized. Tableau: Sheet steel 1.5 mm, powder- coated texture.
- **Color**
  - Final digit of order number .1: RAL 7035 light-grey.
  - Final digit of order number .8: RAL 7021 dark-grey.
- **Load rating**
  - 500 N static per item.
- **Scope of delivery**
  - 2 Mounting brackets front left / right.
  - 2 Mounting brackets rear left / right.
  - 2 Telescopic slides.
  - 1 Shelf board.
  - Mounting kit.
- **How supplied**
  - In sets.

$d_{insertion\ depth}$	WxL	Order No.	UP
565-750	408 x 560	**01.102.681.X.001**	1 unit P



MEC20268



MEC20269

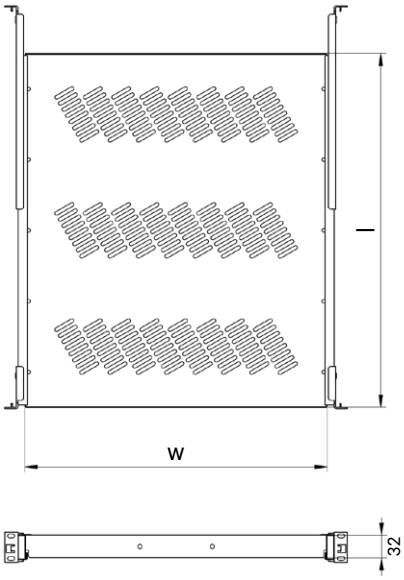
19" Shelf partial extension

- Integrated mounting holes at front and rear for handle or cable cantilever.
- Perforated to optimize air supply.
- Locks in extended position (friction lock).
- Quick separator for tool-less removal and decoupling of shelf board.
- Easy installation from the front of 19" extrusions.
- Integrated latching hooks as mounting aid for mounting hole extrusions.
- Installation on the T-slot extrusions by screwing possible.

- **Material / Finish**
  - Mounting brackets: Sheet steel 2.0 mm, galvanized.
  - Tableau: Sheet steel 1.5 mm, powder-coated texture.
- **Color**
  - Final digit of order number .1: RAL 7035 light-grey.
  - Final digit of order number .8: RAL 7021 dark-grey.
- **Load rating**
  - 500 N static per item.
- **Scope of delivery**
  - 2 Mounting brackets front left/right.
  - 2 Mounting brackets rear left/right.
  - 2 Telescopic slides.
  - 1 Shelf board.
  - Mounting kit.
- **How supplied**
  - In sets.

$d_{insertion\ depth}$	w x l	Order No.	UP
565-750	427 x 560	**01.102.683.1.001**	1 unit P

MEC20270



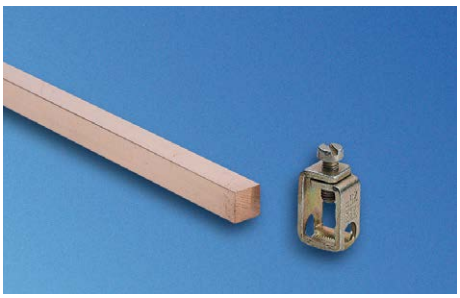
MEC20271

19" shelf fixed

- Integrated mounting holes at front and rear for handle or cable cantilever.
- Perforated to optimize air supply.
- Easy installation from the front of 19" extrusions.
- Integrated latching hooks as mounting aid for mounting hole extrusions.
- Installation on the T-slot extrusions by screwing possible.

- **Material / Finish**
  - Mounting brackets: Sheet steel 2.0 mm, galvanized.
  - Mounting rail, tableau: Sheet steel 1.0 mm, powder-coated texture
- **Color**
  - Final digit of order number .1: RAL 7035 light-grey.
  - Final digit of order number .8: RAL 7021 dark-grey.
- **Load rating**
  - 500 N static per item.
- **Scope of delivery**
  - 2 Mounting brackets front left / right.
  - 2 Mounting brackets rear left / right.
  - 2 Mounting rails.
  - 1 Shelf board.
  - 1 Extension board (from L = 600).
  - Mounting kit.
- **How supplied**
  - In sets.

$d_{insertion\ depth}$	w x l	For rack type	Order No.	UP
740	426 x 600	MIR2 / DCM / Smaract™	**01.102.694.1.001**	1 unit P



ELM00068

Grounding bar

- For safe grounding or equipotential bonding of devices and installation components.

Material

- Electrolytic copper 9 x 9.

Scope of delivery

- 1 grounding rail.
- 2 brackets
- Assembly material.

U	Version	Part No.	UP
41	M5 x 12	**01.110.708.9**	1 pc P

DOP20016

Contact clamp

- For the safe connection of devices and installation components with the grounding rail.
- For cables up to 25 mm2.

Scope of delivery

- 20 contact clamps.

Part No.	UP
01.110.715.9	20 pc P

MEC20038

Universal cable routing bracket

- May be used for extrusion clearances (from front) of 123 mm and 73 mm.
- For orderly cable routing.
- Open design, no threading.
- Secured to the exterior sides of the 19” extrusion.
- Installation position may be freely selected.

Material

- Round steel, d = 6 mm.

Surface

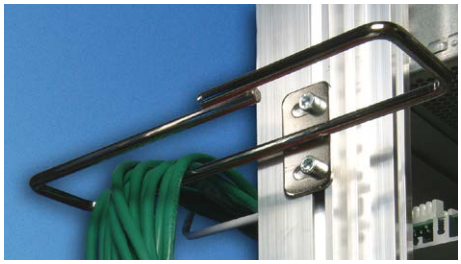
- Galvanized.

Scope of delivery

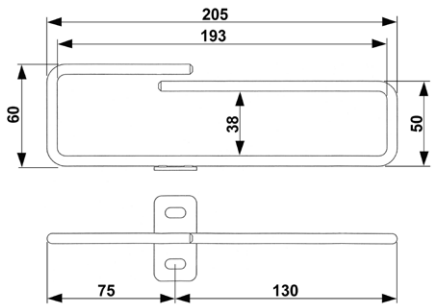
- 4 cable routing brackets.
- Assembly material.

How supplied

- As a set.



MEC20072



MEC20106

D_{rack}	For cabinet type	Order No.	UP
800 and above	MIR2 / Vertiv™ Knurr DCM™	**05.040.220.9**	4 pc P

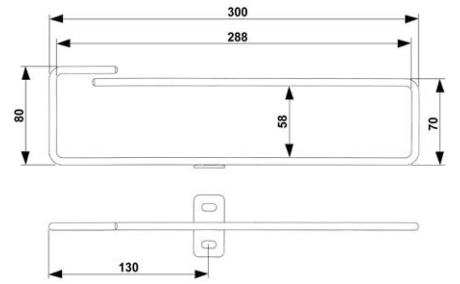
Dimensions in mm:

W	= Width	h	= Installation height	U	= Standard rack unit	kg	= Weight	1 mm	= 0.03937 inch
H	= Height	d	= Insertion depth		(1 U = 44.45 mm)			1 kg	= 2.2046 pounds
D	= Depth	L	= Length	UP	= Packaging unit				

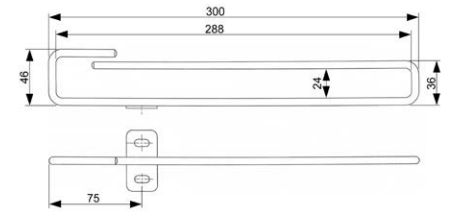
Conversion:

P = **assemble to order** (shipped within 5 working days). Caution: In case of larger orders, delivery times may increase.

MEC20039



MEC20107 *Type 1*



MEC20116 *Type 2*

Rectangular cable routing bracket

- For orderly cable routing.
- Open design, no threading.
- Secured to the exterior side of the 19" extrusion.
- Installation position may be freely selected.
- For large cable volumes.

Material

- Round steel, d = 6 mm.

Surface

- Galvanized.

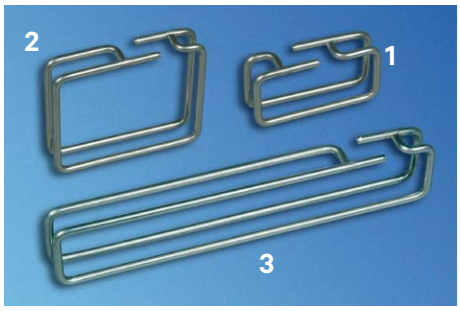
Scope of delivery

- 4 rectangular cable routing brackets.
- Assembly material.

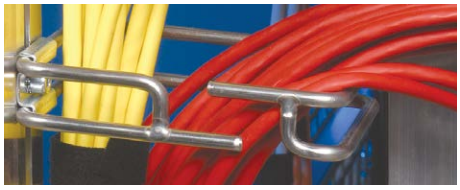
How supplied

- As a set.

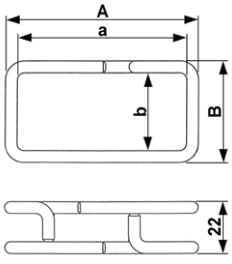
D_{rack}	Type	For rack type	Order No.	UP
800 and above	Type 1	MIR2 / Vertiv™ Knurr DCM™	**05.040.221.9**	4 pc P



MEC20035



MEC20065



MEC20108

Flexible cable routing bracket

- For flexible and orderly cable routing.
- Installation position and installation location may be freely chosen.
- Open design, no threading.

Material

- Round steel, d = 5 mm.

Surface

- Galvanized.

Scope of delivery

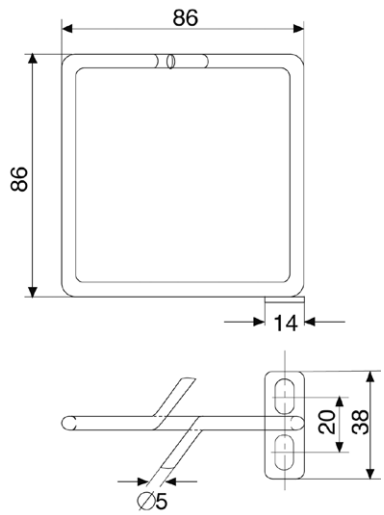
- 10 cable routing brackets.
- Assembly material.

How supplied

- As a set.

A	A	W	W	Version	Part No.	PU
102	92	82	72	Figure 2	**05.040.233.9**	10 pc P

MIR00183



ELM00057

Square cable routing bracket

- For orderly cable routing.
- Open design, no threading.
- Secured to the exterior side T-groove of the 19" extrusion.
- Installation position may be freely selected.
- From cabinet width 800 mm.

Surface

- Galvanized Zn 10c white.

Scope of delivery

- 4 vertical cable routing brackets.
- Assembly material.

How supplied

- As a set.

W_{Rack}	Version	Order No.	UP
800 and above	86 x 86	**05.040.224.9**	4 pc P

MEC20187

MEC20188

Plastic Quick-Clamp cable routing bracket for T-groove

Tool-free assembly

- Quick securing without tools.
- For orderly cable routing.
- Open design, no threading.
- Secured at any desired point on the T-grooves.

Material

- Nylon.
- F.R.T., UL-94 HB.

Color

- Black.

Scope of delivery

- 10 plastic cable routing brackets.

How supplied

- As a set.

For cabinet type	Order No.	UP
Vertiv™ Knurr DCM™, Vertiv™ Miracel™	**00.218.505.0**	1 set P

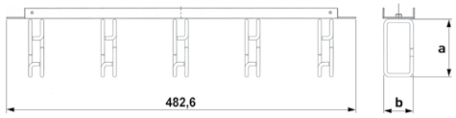
Dimensions in mm:

W	= Width	h	= Installation height	U	= Standard rack unit	kg	= Weight	1 mm	= 0.03937 inch
H	= Height	d	= Insertion depth		(1 U = 44.45 mm)			1 kg	= 2.2046 pounds
D	= Depth	L	= Length	UP	= Packaging unit				

Conversion:

P = **assemble to order** (shipped within 5 working days). Caution: In case of larger orders, delivery times may increase.

MEC20041



MEC20102

MEC20076

19" cable routing board, flexible, 1U

- For orderly cable routing.
- For safe routing of copper cables and fiber-optic cables.

Material/Finish

- Front panel sheet steel 1.5 mm powder-coated.
- Cble routing bracket, round steel, d = 5 mm galvanized.

Color

- Last figure in order number .1: RAL 7035 light gray.
- Last figure in order number .8: RAL 7021 black-gray.

Outer dimensions
Cable routings (a x b):

- 1 U: 82 x 43 mm.
- 2 U: 102 x 82 mm.

Scope of delivery

- 1 front panel.
- 5 cable routing panels.

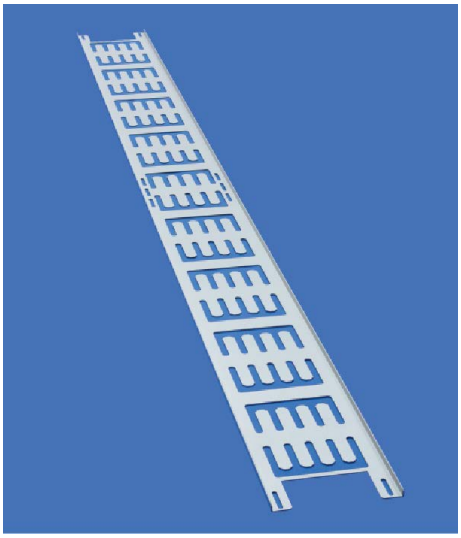
How supplied

- Pre-assembled.

Note

- Please also order matching front panel securing material.

W	U	Mount depth	Version	Part No.	PU
483	1	from 100 mm	Type 1	**05.040.100.X**	1 pc P



MEC20224

MEC20067

Cable trough

- For orderly cable routing in MIR2 and Vertiv™ Knurr DCM™ cabinets.
- Cable secured using velcro strips or cable ties.
- Slot width 9 mm for securing various parts to cage nut.

Material/Finish

- Sheet steel 1.5mm, galvanized, powder-coated.

Color

- Last figure in order number .1: RAL 7035 Light gray
- Last figure in order number .8: RAL 7021 black-gray.

Scope of delivery

- 1 cable trough.
- Assembly material.

How supplied

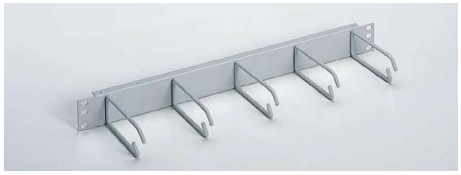
- As a set.

Note

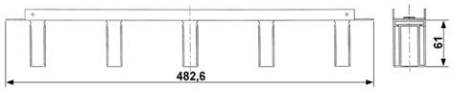
- Please also order velcro strip if desired.

H	W	Version	Order No.	UP
2000	150	for cabinet types MIR2 and Vertiv™ Knurr DCM™	**05.040.254.X**	1 set P
2200	150	for cabinet types MIR2 and Vertiv™ Knurr DCM™	**05.040.255.X**	1 set P

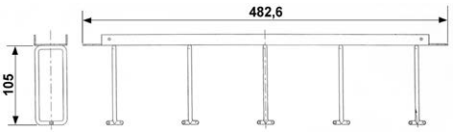
MEC00110 Type 1



MEC20014 Type 2



MEC20103 Type 1



MEC20104 Type 2

19” cable routing panel, 1 U

- For orderly cable routing.
- For safe routing of copper cables and fiber-optic cables.

Material/Finish

- **Type 1:** Front panel sheet steel 1.5 mm powder-coated.
- **Type 2:** Front panel sheet steel 1.0 mm powder-coated.

Color

- Last figure in order number .1: RAL 7035 light gray.
- Last figure in order number .8: RAL 7021 black-gray.

Outer dimensions Cable routing:

- Type 1: 55 x 22 mm, plastic.
- Type 2: 95 x 32 mm, steel.

Scope of delivery

- 1 19” front panel.
- 5 cable routings.

How supplied

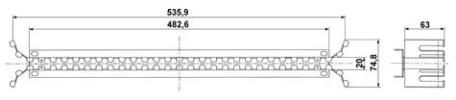
- Pre-assembled.

Note

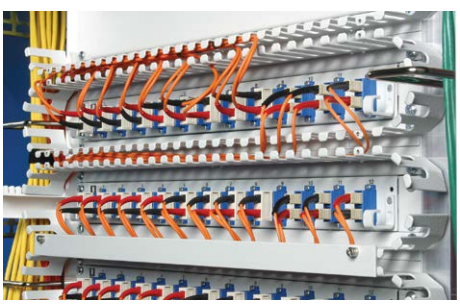
- Please also order matching front panel securing material.

W	U	Mount depth	Version	Part No.	PU
483	1	from 80 mm	Type 1	**05.040.111.1**	1 pc P
483	1	from 123 mm	Type 2	**01.117.144.X**	1 pc P

MEC20081



MEC20105



MEC20058

Fiber Optic cable routing panel, 1U

- For orderly cable routing.
- For safe cable routing of fiber-optic cables.
- Optionally supplied with covering panels for cable protection and labeling.

Material/Finish

- FO cable routing panel: Sheet steel 1.5 mm, powder-coated.
- Covering accessory: Aluminum 2.5 mm, powder-coated.
- Covering accessory: Aluminum 2.5 mm, powder-coated.

Color

- Last figure in order number .1: RAL 7035 Light gray

Scope of delivery

- 1 19” cable routing panel.

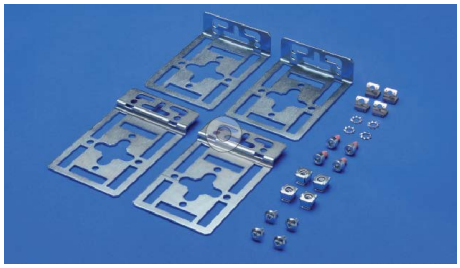
How supplied

- Individually.

Note

- Please also order matching front panel securing material and covering.
- Not suitable for cabinet widths 600 mm and 700 mm (asymmetrical)!

W	U	Version	Part No.	PU
483	1	Cable routing panel	**05.040.050.1**	1 pc P



MEC20222 *Type 1*

PDU assembly kit

- For securing different rack PDUs.
- Fits MIR2 and DCM cabinets.
- For assembling 1 or 2 PDUs.
- Assembly possibilities available in the manual “Assembly instructions for PDUs”.

Material/Finish

- steel sheet 2 mm, galvanized.

Scope of delivery

- 2 L-Form securing brackets.
- 2 elbowed securing brackets.
- Assembly material.

How supplied

- As a set.

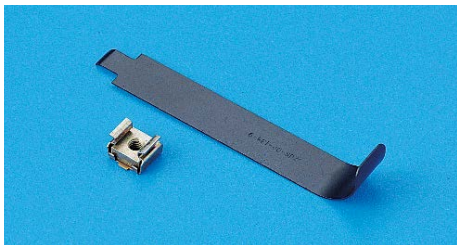
Version	for cabinet type	Order No.	PU
Type 1: short	MIR2/DCM	**01.147.813.9**	1 set P

MIR20460

Door locking set

- **Scope of delivery**
  - 1 lock set.
  - 2 keys (half-cylinder).

Model	Order No.	UP
Knürr™ MIR2 / Knürr DCM™ / Smaract™ Doors, with swing handle	**05.041.299.9**	1 set P



MIR00114

Assembly aid for cage nut

- For assistance with clipping the cage nut into the extrusion.

Material

- Spring steel.

Scope of delivery

- 1 assembly aid.

Part No.	UP
01.130.985.9	1 pc P

Mounting Adapter for 19" Server Extrusion

- For mounting standard Vertiv™ Knürr™ - components (shelves, drawers, slot-in runners, keypad drawers, etc.) inside 19" racks.

Material

- Steel sheet: 2 mm, galvanized.

Included in delivery

- 4 x adapters.

D_{rack}	d	L	For rack type	Order No.	UP
from 900	740	711	MIR2 / Vertiv™ Knurr DCM™ / Vertiv™ Smaract™	**01.147.640.9**	1 set P

MEC20126

Hole pattern securing set

Server extrusion M5/Sheet 2.5 mm for MIR2/ Vertiv™ Knürr DCM™/ Vertiv™ Smaract™

- For securing 19” front panels and 19” installations.

Scope of delivery

- 100 cage nuts M5 / Sheet 2.5 mm.
- 100 oval-head screws FormZ M5 x 16.
- 20 spring nuts M5 wide.
- 20 cylinder screws M5 x 8.

How supplied

- As a set.

Part No.	UP
05.041.325.9	1 set P

MEC20129

MEC20130

Front panel securing set

T-groove M5 wide for MIR2/Vertiv™ Smaract™

- For securing 19” front panels and 19” installations.

Scope of delivery

- **Type 1:**
  50 spring nuts M5 wide.
  50 oval-head screws FormZ M5 x 10.
- **Type 2:**
  50 spring nuts M5 wide.
  50 countersunk screws M5 x 12.
  50 rosettes.

How supplied

- As a set.

Version	Part No.	UP
Type 1: Screw FormZ	05.041.335.9	1 set P

MEC20098

MEC20097

Front panel securing set hole pattern

Hole pattern M5/Sheet 2.5 mm for MIR2/Vertiv™ Knürr DCM™/ Vertiv™ Smaract™/DoubleProRack

- For securing 19” front panels and 19” installations.

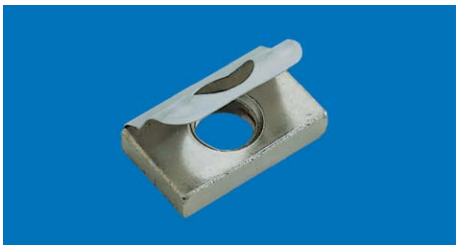
Scope of delivery

- **Type 1:**
  50 cage nuts M5 / Sheet 2.5 mm.
  50 oval-head screws FormZ M5 x 16.
- **Type 2:**
  50 cage nuts M5 / Sheet 2.5 mm.
  50 countersunk screws M5 x 16.
  50 rosettes.

How supplied

- As a set.

Version	Part No.	UP
Type 1: Screw FormZ	05.041.337.9	1 set P



MEC00060

Spring nut

- For clipping into T-groove wherever required.
- **Type 1:** M5 wide.
  for MIR2/Smaract.
  Slot nut size: 10 x 13 mm.
- **Type 2:** M5 narrow.
  for DoubleProRack.
  Slot nut size: 8 x 13 mm.
- **Type 3:** M6.
  for MIR2/Smaract.
  Slot nut size: 10 x 13 mm.

Scope of delivery

- 50 spring nuts.

How supplied

- As a set.

Version	Part No.	UP
Type 1: M5 wide	**01.350.431.9**	1 set P
Type 2: M5 narrow	**05.041.503.9**	1 set P
Type 3: M6	**01.350.405.9**	1 set P

MEC20139

Cage nut

- For clipping into extrusions with hole pattern.
- **Type 1:** Sheet 1.5 mm.
  for MIR2/ Vertiv™ Smaract™/ConAct.
- **Type 2:** Sheet 2.5 mm for
  MIR2 Server/Vertiv™ Smaract™ Server/
  DoubleProRack with 19" hole pattern.

Scope of delivery

- 50 cage nuts.

How supplied

- As as set

Version	Part No.	UP
M6: Type 2: sheet metal, 2.5 mm	**05.041.519.7**	1 set P

MEC20140

Fillister head screw

- IEC DIN 967.

Scope of delivery

- 50 oval-head screws FormZ.

How supplied

- As a set.

Version	Part No.	UP
M5 x 10	**05.041.330.9**	1 set P

MEC20140

Countersunk screw and Rosette

- IEC DIN EN ISO 7047.

Scope of delivery

- 50 countersunk screws.

- 50 rosettes.

How supplied

- As a set.

Version	Part No.	UP
M5 x 12	**05.041.203.9**	1 set (P)

A matching securing set for every type of cabinet.

DCM	MIR2 T-groove	MIR2 Hole pattern	MIR2 Server	MIR2 Swivel frame	Smaract T-groove	Smaract Hole pattern	Smaract Server	Double-ProRack T-groove	Double ProRack Hole pattern	ConAct	Designation	Part No.	PU
●			●	●			●				Securing set - Hole pattern M5/ BI 2.5	**05.041.325.9**	1 set (P)

The matching securing set for front panels

Version: Screw FormZ

DCM	MIR2 T-groove	MIR2 Hole pattern	MIR2 Server	MIR2 Swivel frame	Smaract T-groove	Smaract Hole pattern	Smaract Server	Double-ProRack T-groove	Double ProRack Hole pattern	ConAct	Designation	Part No.	PU
	●				●						FP securing set T-groove M5 wide	**05.041.335.9**	1 set (P)
●			●	●			●		●		FP securing set Hole pattern M5/BI 2.5	**05.041.337.9**	1 set (P)

Matching accessories for every type of cabinet

DCM	MIR2 T-groove	MIR2 Hole pattern	MIR2 Server	MIR2 Swivel frame	Smaract T-groove	Smaract Hole pattern	Smaract Server	Double-ProRack T-groove	Double ProRack Hole pattern	ConAct	Designation	Part No.	PU
	●				●						Spring nut M5 wide	**01.350.431.9**	1 set (P)
								●			Spring nut M5 narrow	**05.041.503.9**	1 set (P)
	●				●						Spring nut M6	**01.350.405.9**	1 set (P)
	●				●			●			Oval-head screw FormZ M5 x 10	**05.041.330.9**	1 set (P)
	●				●			●			Countersunk screw M5 x 12 + rosette	**05.041.203.9**	1 set (P)

LUF20203

LUF20205

LUF20124

Vertiv™ Knürr™ CoolBlast Fan Unit for Roof Installation

Unregulated and thermostatically controlled

- For forced cooling of the cabinet.
- Suitable for retrofitting in MIR2/Vertiv™ Knurr DCM™ roof.
- DC versions and 115 VAC versions on request (see CoolBlast fan inserts).
- In thermostatically-controlled version: Thermostatically-controlled fan function (ON/OFF), adjustable from 0° to +60° C.

Material

- Housing:
  Sheet steel, stainless steel mesh.

Surface

- Galvanized.

Approvals

- CE marking in accordance with Low Voltage Directive 73/23/EEC, EMC Directive 89/366/EEC.

Scope of delivery

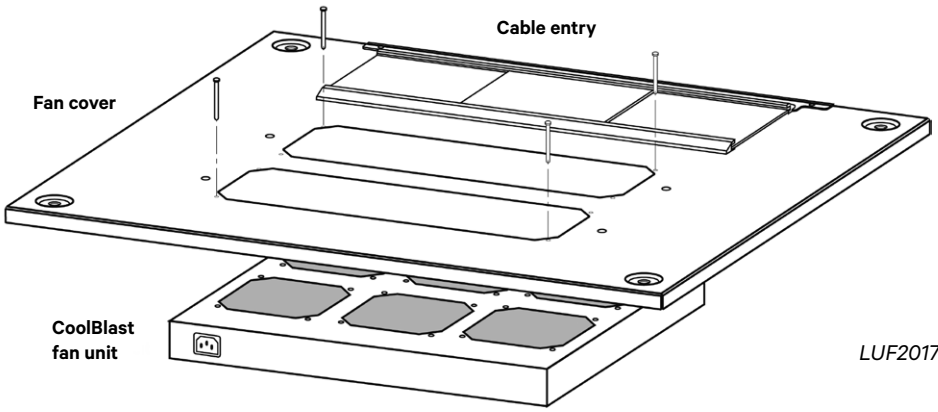
- 1 CoolBlast fan unit.
- 13 m network cable with safety plug (230 VAC).
- Assembly material.
- Operating manual.

How supplied

- Assembled, wired and tested.

Note

- Please additionally order specific network cable!



LUF20175

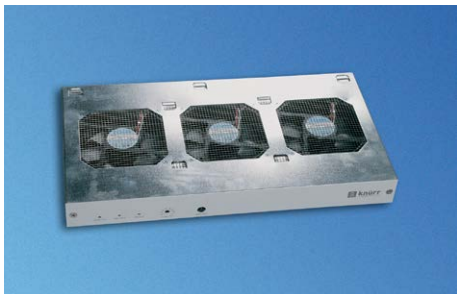
Designation	Version	Electrical Connection	P(W)	V̇ (m³/h)	ΔP(Pa)	p (dB(A))	Part No.	PU
CoolBlastT 230V triple	Thermostat	207...253 VAC; 50/60 Hz	45	495	74	45.2	**03.027.311.1**	1 pc P

Dimensions in mm:

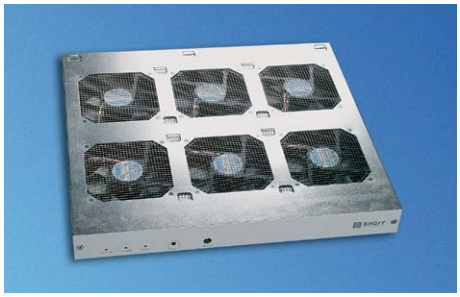
W	= Width	h	= Installation height	U	= Standard rack unit	kg	= Weight	1 mm	= 0.03937 inch
H	= Height	d	= Insertion depth		(1 U = 44.45 mm)			1 kg	= 2.2046 pounds
D	= Depth	L	= Length	UP	= Packaging unit				

SP	= Standard Performance	V̇	= Air volume flow (m³/h)
HP	= High Performance	ΔV̇	= Loss of air volume flow (%)
UP	= Ultra High Performance	ΔP	= Pressure increase (Pa)
n	= Number of fans	I nom.	= nominal current (A)
W	= Power consumption	I max	= Starting current (A)
V	= Voltage (400V = 3-phase)	p	= Acoustic pressure (dB(A)) at 1 meter distance from cabinet (600 mm x 600 mm; raised cover)

P = **assemble to order** (shipped within 5 working days). Caution: In case of larger orders, delivery times may increase.



LUF20160



LUF20161

LUF20124

Vertiv™ Knürr™ CoolBlast Fan Unit for Roof Installation

Speed-regulated

- For forced cooling of the cabinet.
- suitable for retrofitting in MIR2/Vertiv™ Knurr DCM™ roof.
- DC version on request (see Cool-Blast fan inserts).
- Adjustable required temperature (20° to 55° C).
- Speed regulation 30 to 100 %, in the case of sensor failure 100 % of speed.
- Individual fan monitoring.
- Potential-free collective alarm output for over temperature and fan failure.
- Optical status display for OK, exceeded temperature and fan failure.
- Acoustic warning inc. reset button.

Material

- Housing: Sheet steel, stainless steel mesh.

Surface

- Galvanized, smooth powder-coated front blind RAL 7035 light gray

Approvals

- CE marking in accordance with Low Voltage Directive 73/23/EEC, EMC Directive 89/366/EEC.

Scope of delivery

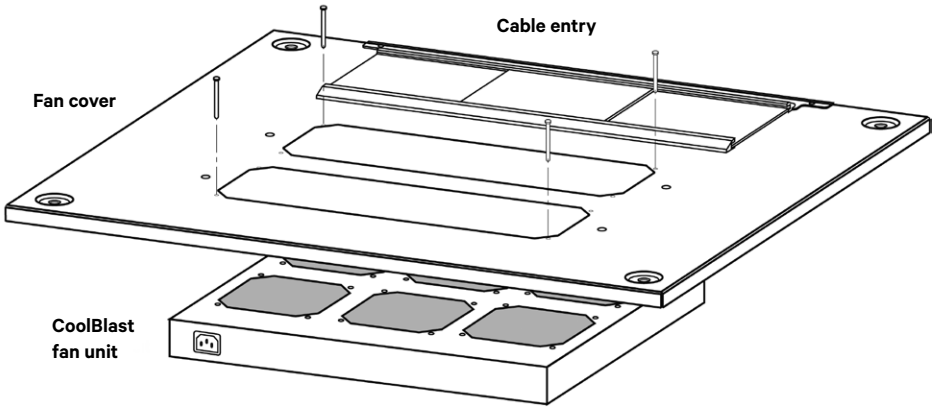
- 1 CoolBlast fan unit.
- 1 sensor cable 2 meters (pluggable).
- 1 signal cable 2 meters (pluggable).
- 1 network cable 3 meters with safety plug (230 VAC).
- Assembly material.
- Operating manual.

How supplied

- Assembled, wired and tested.

Note

- Please additionally order specific network cable!



Designation	Version	Electrical Connection	P(W)	V̇ (m³/h)	ΔP(Pa)	p (dB(A))	Part No.	PU
CoolBlastT 230V triple	regulated HP	100...253 VAC; 50/60 Hz	32	711	173	55.8	**03.027.324.1**	1 pc P

Technical Data for Axial Single Fans

	Vertiv™ Knürr™ CoolBlast	Vertiv™ Knürr™ CoolBlast
Article number	01.914.075.9	01.914.051.9
Dimensions L x W x H	119 x 119 x 38	119 x 119 x 38
Max. volume flow, free-blowing	237 m3³/h	165 m³h
Voltage	24 VDC	230 VAC
Frequency		50 Hz
Power consumption	11 W	15 W
Noise level free-blowing	59 dB(A)	38 dB(A)
Bearing system	Ball bearing	Ball bearing
Nominal speed	4400 min-1	2600 min-1
Permitted environmental temperature	-30 °C to +55 °C	-40 °C to +60 °C
Lifespan L10 at 40°C	70,000 h	43,500 h
Standards	CE, VDE	CE, VDE
Deployed in fan unit:	03.027.324.1 P	03.027.311.1 P

Vertiv™ Knürr™ DIS Rack PDU – Basic Rack PDU

Robust PDUs with useful features

Our Priority PDU Range View the entire range in our new IT Special Catalog or find your dream PDU at **https://findyourpdu.com/de**

DOS20062

DOS00458

DOS00460

DOS20102

Vertiv™ Knürr™ DIS Rack PDU Cold Device Plug System IEC 320

- Optionally with illuminated switch, bi-polar switching.
- 19" installation possible.
- With cold device combinations from IEC 320 sockets C13 and C19.
- Supply line:
  H05VV-F 3 G 1.5 mm² (16 A types
  H05VV-F 3 G 4 mm² (32 A types).
- Supply line: 2.5 m / 5 m.

Material/Finish

- Housing: closed sheet steel extrusion, galvanized, powder-coated structure.
- Plastic parts: vampamide 6 0024 VO (UL94), recyclable.

Dimensions

- Height: 45.5 mm.
- Housing width: 44.4 mm (= 1 U).

Approvals/certificates

- CE designation in accordance with:
  - Low Voltage Directive2014/35/EU
  - EMC Directive 2014/30/EU
  - RoHS-Directive 2011/65/EC.

Color

- Housing: RAL 7035 light gray.
- Plastic parts: RAL 7021 black-gray.

Scope of delivery

- 1 socket strip.
- 2 securing brackets.

P = **assemble to order** (shipped within 5 working days).
Caution: In case of larger orders, delivery times may increase.

Dimensions in mm:								Conversion:	
W	= Width	h	= Installation height	U	= Standard rack unit	kg	= Weight	1 mm	= 0.03937 inch
H	= Height	d	= Insertion depth		(1 U = 44.45 mm)			1 kg	= 2.2046 pounds
D	= Depth	L	= Length	UP	= Packaging unit				

Vertiv™ Knürr™ DIS Rack PDU Model	Input values		Input plug	Outputs						L	S	19"	safe	Part No.
	Voltage	Current		C13	C19	Schuko	UTE	Type 13	Type 23					
Cold device plug IEC320 system														
Cold device input in plug field	230V	10 A	IEC60320 C14 inlet	9						483		■		**03.622.009.1** P

DOS00401 with switch

Vertiv™ Knürr™ DIS Rack PDU Compact

- Optionally with illuminated switch, Bi-polar switching.
- 19" installation possible (for length 483 mm).
- 2 versions: Standard side panel or Designer side panel.
- Socket rotation: 45°.
- Supply line: H05VV-F 3G 1.5 mm2.
- Molded angle plug.
- Optionally with cold device plug IEC320 for UPS applications.

Material/Finish

- Housing: closed sheet steel extrusion, galvanized, powder-coated structure.
- Plastic parts: vampamide 6 0024 VO (UL94), recyclable.
- Inner conductor: continuous busbars, brass.

Dimensions

- Distance between sockets: 50 mm.
- Height: 45.5 mm.
- Housing width: 44.4 mm (= 1 U).
- Supply line 2.5 meters.

Approvals/Certificates

- CE designation in accordance with:
  - Low Voltage Directive 2014/35/EU
  - EMC Directive 2014/30/EU
  - RoHS-Directive 2011/65/EC.

Color combination

- Order number end figure .1: RAL 7035 Light gray
- Order number end figure .6: Housing RAL 2003 pastel orange. Plastic parts: RAL 7035 Light gray

Load-bearing capacity

- 100–240 Vac/16 A (Schuko and UTE outputs).
- 100–240 Vac/10 A (Swiss outputs).

Scope of delivery

- 1 plug strip.
- 2 securing brackets.

Vertiv™ Knürr™ DIS Rack PDU Model	Input values		Input plug	Outputs						L	S	19"	safe	Part No.
	Voltage	Current		C13	C19	Schuko	UTE	Type 13	Type 23					
Compact														
	230V	16 A	Schuko CEE7/7			7				483		■		03.300.007.x (P)
UPS application	230V	16 A	Schuko CEE7/7			8				483		■		03.300.008.1 (P)
	230V	16 A	Schuko CEE7/7			6				483	■	■		03.302.006.6 (P)

DOS20068 with overvoltage protection.

Vertiv™ Knürr™ DIS Rack PDU Safety basic

- For protection against transient overvoltages from the network caused e.g. by machines being switched on and off
- In the case of critical overvoltages, a disconnection from the network takes place.
- After the safety arrester has been triggered, the green function display goes out. The socket strip is then no longer ready for usage. For replacement of safety arrester, please send plug strip to manufacturer! The protective effect of test category type 3 or requirement class D is a device protection, i.e. fine protection. For optimum protection, protective installations of test category or requirement class 1 and 2 or B and C should be provided upstream in the building installation.
- 19" installation possible (for length 483 mm).
- Socket rotation: 45°.
- Supply line: H05VV-F 3G 1.5 mm2.
- Molded angle plug.

Material/Finish

- Housing: closed sheet steel extrusion, galvanized, powder-coated structure.
- Plastic parts: vampamide 6 0024 VO (UL94), recyclable.
- Internal conductor: continuous busbars, brass.

Dimensions

- Distance between sockets: 50 mm.
- Height: 45.5 mm.
- Housing width: 44.4 mm (= 1 U).

Approvals/Certificates

- CE designation in accordance with:
  - Low Voltage Directive 2014/35/EU
  - EMC Directive 2014/30/EU
  - RoHS-Directive 2011/65/EC.

Color combination

- Order number end figure .1: RAL 7035 Light gray
- Order number end figure .6: Housing RAL 2003 pastel orange. Plastic parts: RAL 7035 Light gray

Technical data

- Test class: Type 3 – in accordance with DIN EN 61643-11.
- Requirement class: D – in accordance with VDE 0675-6.
- Network voltage: 230 VAC.
- Nominal current: max. 16 A.
- Limit discharge current (8/20 µs): 10 kA.
- Response time: ‹ 25 ns.
- Protective level (at 100 A varistor peak current): L against N: ‹ 800 V / L/N against PE: ‹ 1500 V.

Scope of delivery

- 1 socket strip.
- 2 securing brackets.

Vertiv™ Knürr™ DIS Rack PDU Model	Input values		Input plug	Outputs						L	S	19"	safe	Part No.
	Voltage	Current		C13	C19	Schuko	UTE	Type 13	Type 23					
Safety Basic														
	230V	16 A	Schuko CEE7/7			6				483		■		03.316.006.1 P

Vertiv.com | **Vertiv Infrastructure Limited,** Fraser Road, Priory Business Park, Bedford, MK44 3BF, VAT Number GB605982131

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MKA4L0UKPrio Rev.4-01/2023 (02/23)