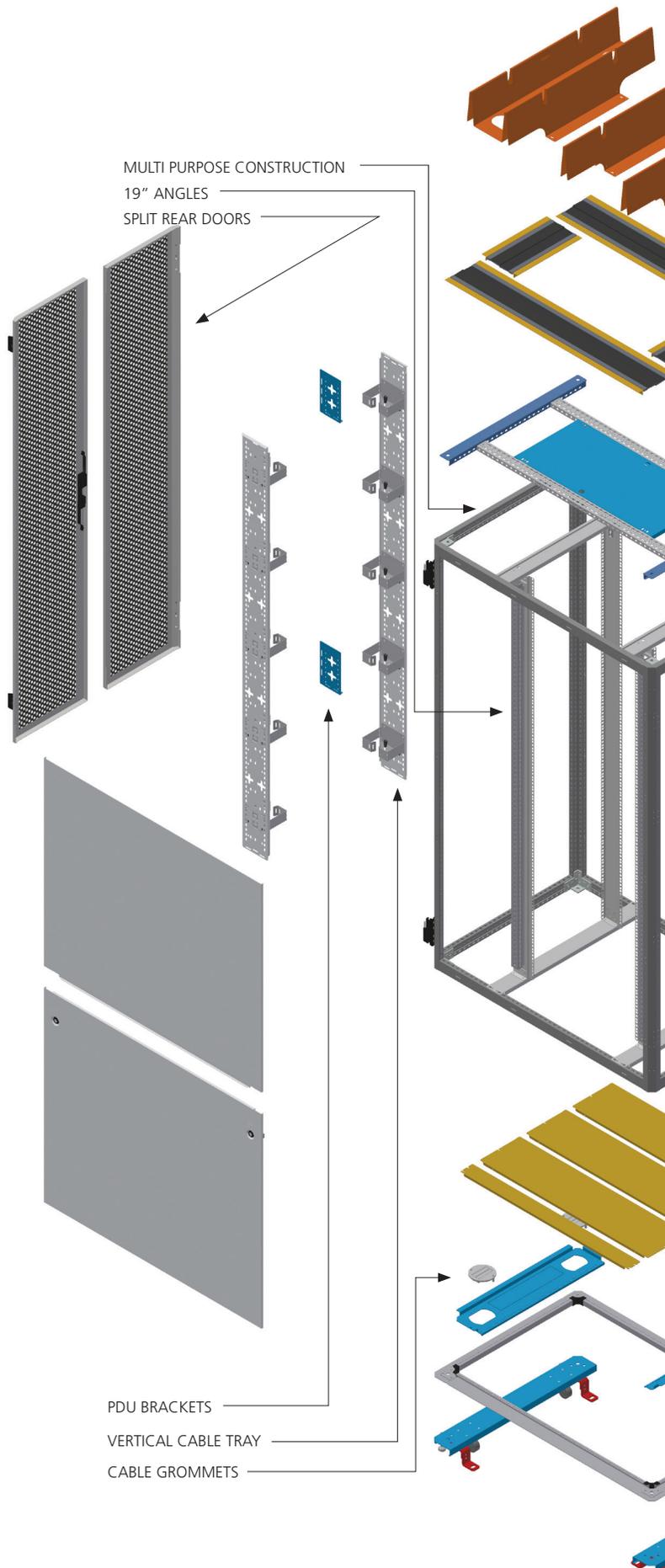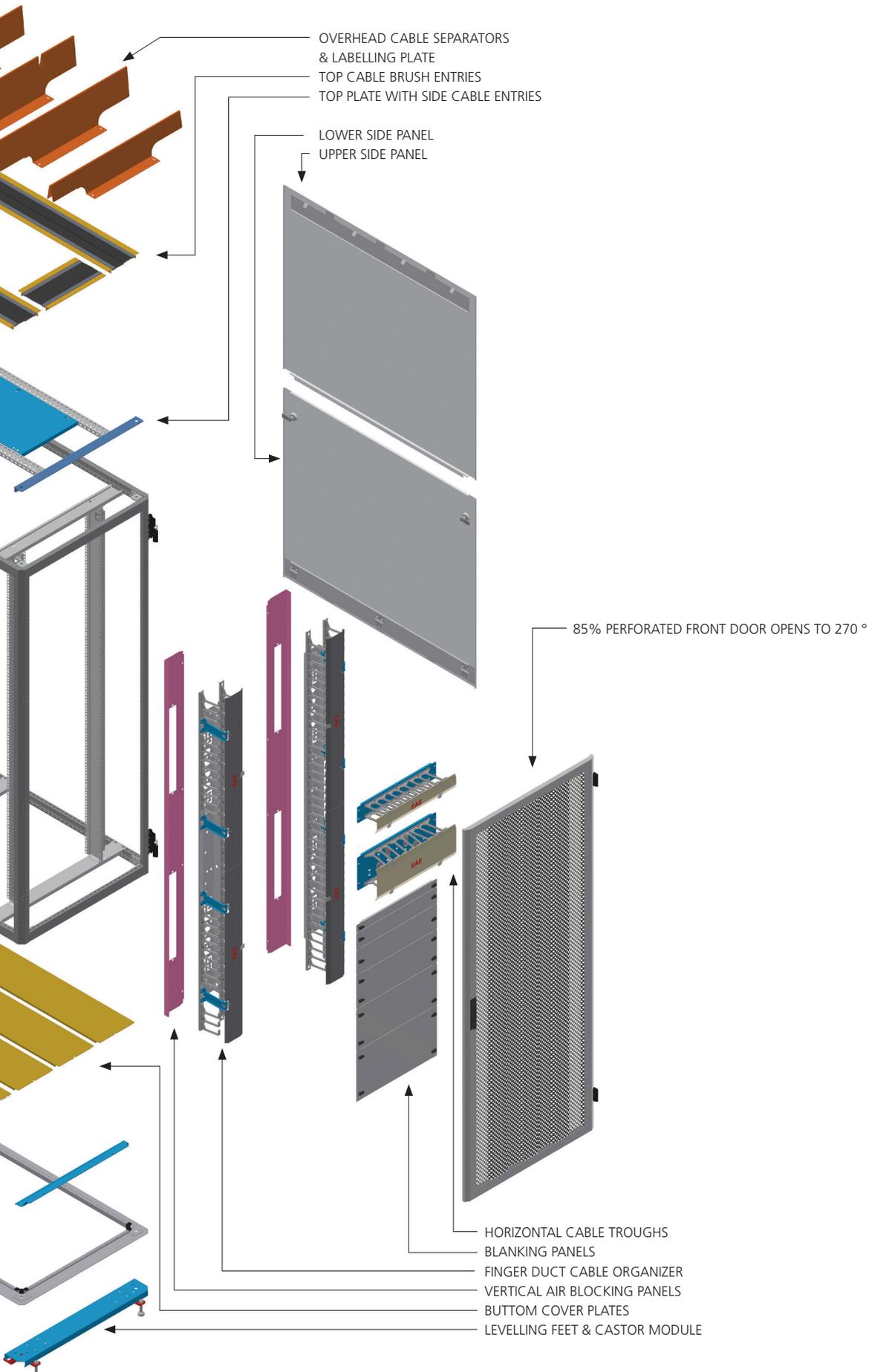# KD Series Enclosures

EAE
ELEKTROTEKNİK

KabinPLUS

General Features

KabinPLUS KD 19" Data Center Rack Cabinets have been designed to offer high flexibility and efficiency with a robust core construction for data center environments.

MULTI PURPOSE CONSTRUCTION
19" ANGLES
SPLIT REAR DOORS

PDU BRACKETS
VERTICAL CABLE TRAY
CABLE GROMMETS

OVERHEAD CABLE SEPARATORS
& LABELLING PLATE

TOP CABLE BRUSH ENTRIES

TOP PLATE WITH SIDE CABLE ENTRIES

LOWER SIDE PANEL

UPPER SIDE PANEL

85% PERFORATED FRONT DOOR OPENS TO 270 °

HORIZONTAL CABLE TROUGHS

BLANKING PANELS

FINGER DUCT CABLE ORGANIZER

VERTICAL AIR BLOCKING PANELS

BUTTOM COVER PLATES

LEVELLING FEET & CASTOR MODULE

KabinPLUS

General Features

Enclosure Dimensions :
Heights (in Rack Unit) - 42U, 47U
Widths - 600 mm. , 800 mm.
Depths - 1000 mm. , 1100 mm. , 1200 mm.

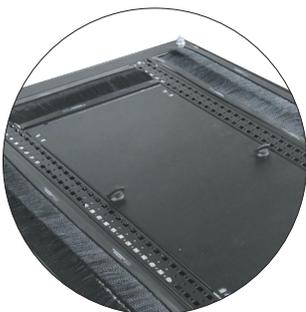* For different dimensions please contact your customer representative.

19" Vertical Mounting Rails : easily adjustable and manually displaceable with U marking on both sides

Doors : single front and split rear doors toolless displaceable - ventilated by 85% perforation, opens to 180/270 degrees when bayed/not bayed

Side Panels : split panels – vertical or horizontal, lockable

Top and Bottom Panels: large and multiple cable entry slots with brushes on the roof, adjustable bottom cover plates and particular PDU cable grommets

Packing : Assembled or Flatpack

Levelling Feet & Castor Module: heavy duty easy drive levelling feet with castors

Baying Brackets: easy baying on the front and back sides

Electrical Bonding : full electrical bonding of the rack cabinet, doors-side & roof & bottom panels with the reference bonding point

Locking Mechanisms : various lock choices with open access connectivity

Conformity : IEC 61587-1, UL 2416, IEC 60082-2, EIA 310-E, ISO 9227, ASTM B 117 for mechanical properties IEC 61010-1, IEC 60950-1 for electrical properties

Load Carrying Capacity : 1200 kg static load (according to IEC 61587-1)
1500 kg static load (tested for UL 2416)
1500 kg dynamic load (tested for UL 1678)

Cabling Features

KabinPLUS KD 19" Data Center Rack Cabinets provide a comprehensive approach for the cabling accessories to serve high density structured cabling infrastructure with a lot of Moves, Adds and Changes in data center environments.

Overhead (Roof) Cable Management: toolless mounting of "M" shaped and "A" shaped separators & cable pathways
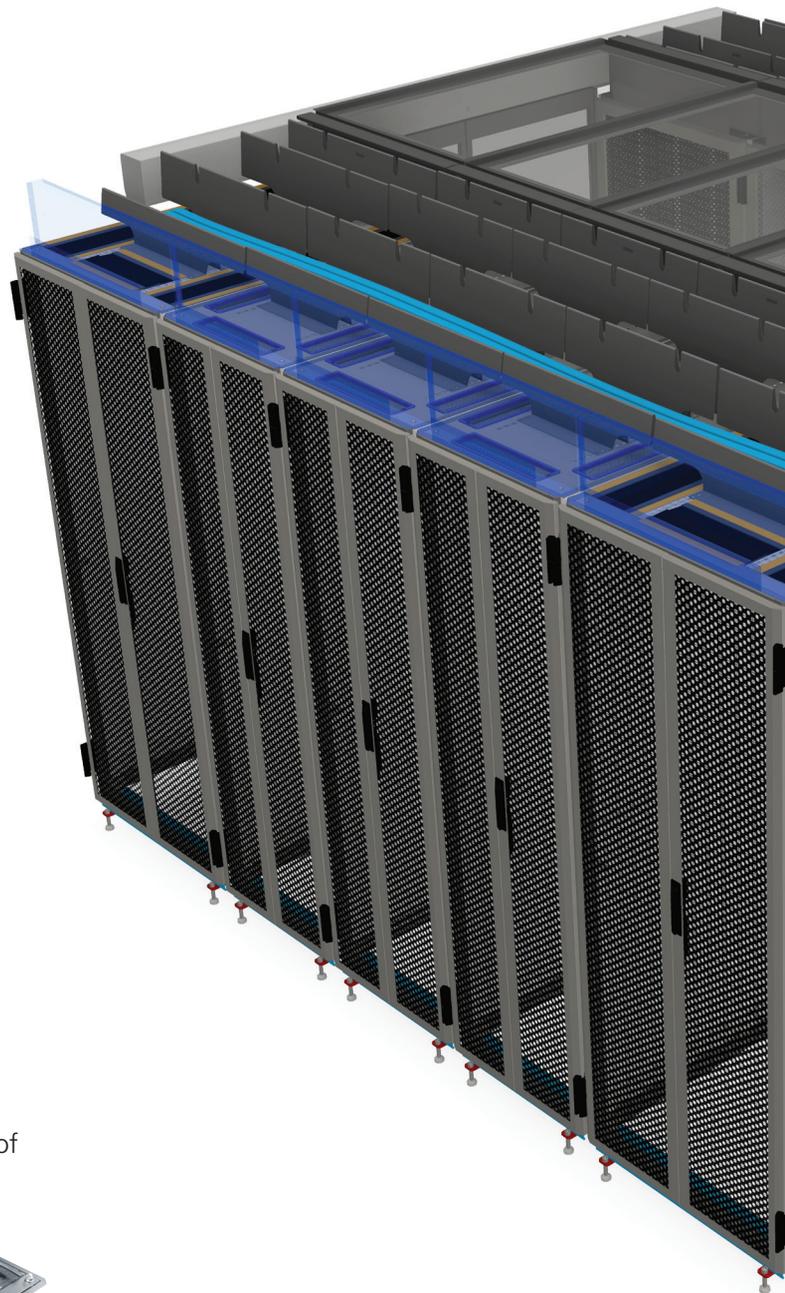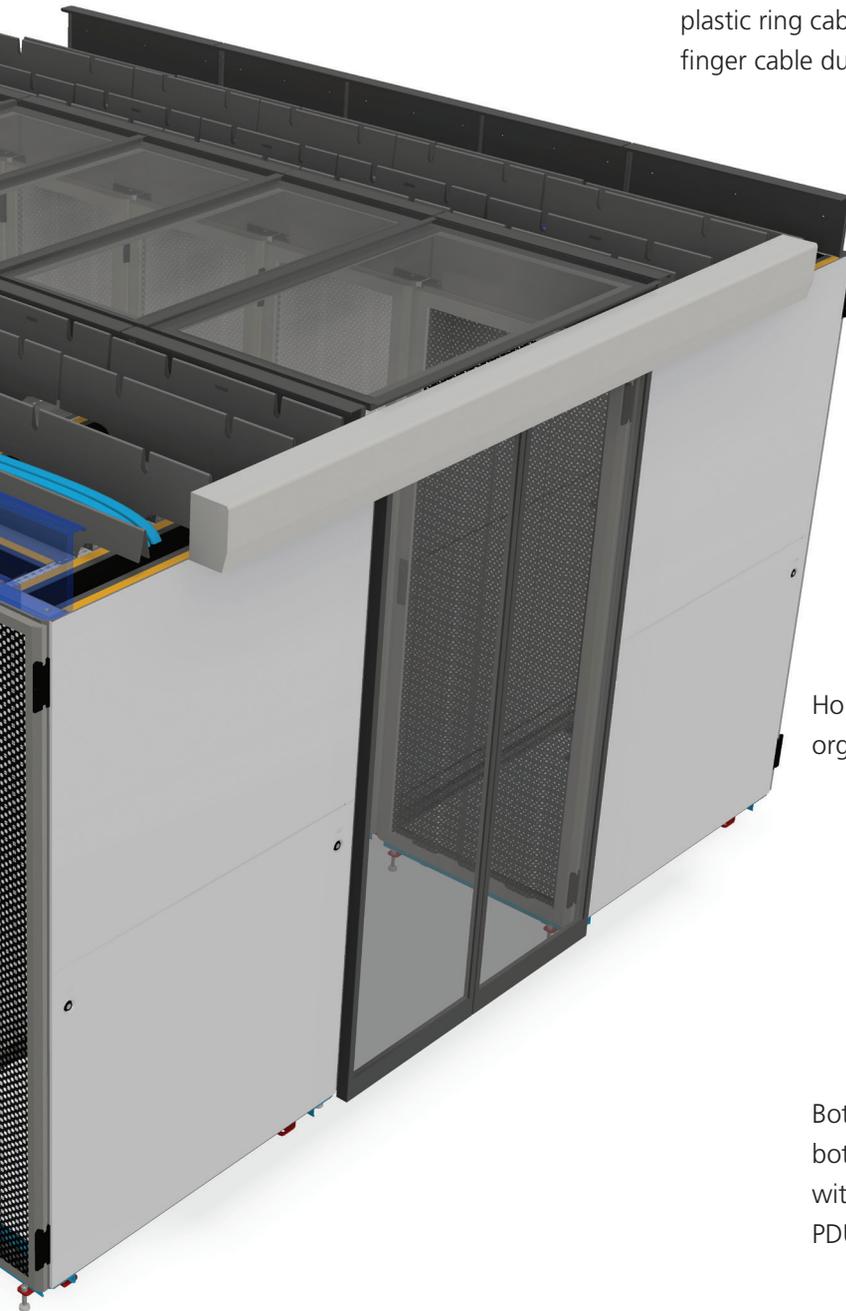
Roof Panel: KD Server with 6 knock-out fixed cable entries with brush options; KD Network with 2 large side cable brush entries and 2 front + back cable brush entries, snap-in mounting roof panel easily adjustable in place

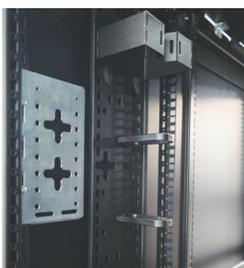Server Rack Cabinet Roof   Network Rack Cabinet Roof

Vertical Cable Management : plastic finger cable organizer, plastic ring cable organizer, metal ring cable organizer, finger cable duct organizer, vertical cable tray

Horizontal Cable Management: metal and plastic cable organizer in different rack units, plastic finger cable troughs

Bottom Panel : KD Server with 3 x adjustable & displaceable bottom panels and 2 x PDU cable grommets ; KD Network with 4 x adjustable & displaceable bottom panels with 2 x PDU cable grommets
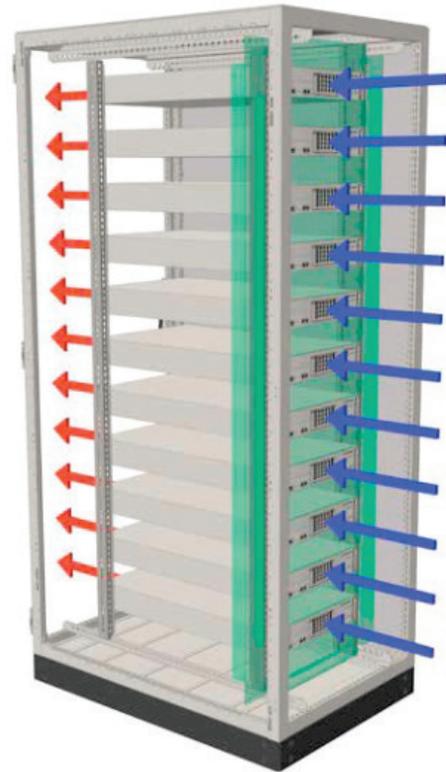
PDU Brackets: Enabling to mount various types of PDUs on a toolless and/or conventional way
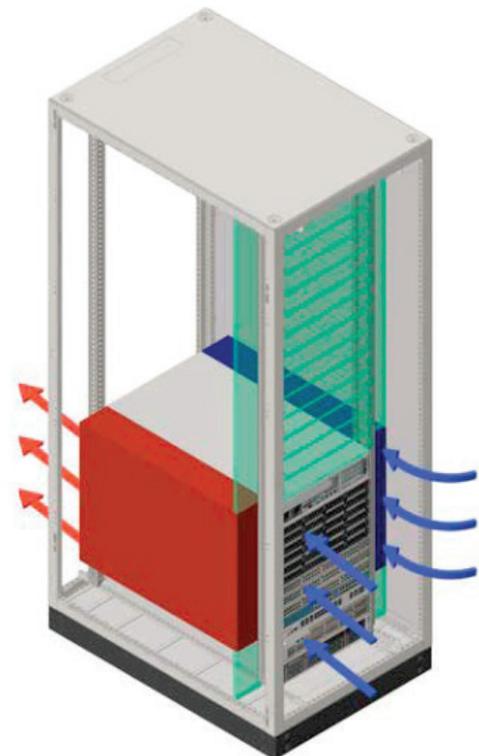
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Airflow Management

To ensure the energy efficiency in data centers, KabinPLUS KD 19" Data Center Rack Cabinets offer a holistic solution to secure the complete separation of the cold cooling air and hot exhaust air in a rack cabinet environment by means of various air blocking and air ducting panels.By utilizing vertical and horizontal air blocking panels, as well as top and bottom cover sealings and rack floor grommets, all the possible airflow short circuits can be isolated.
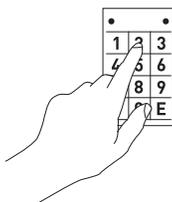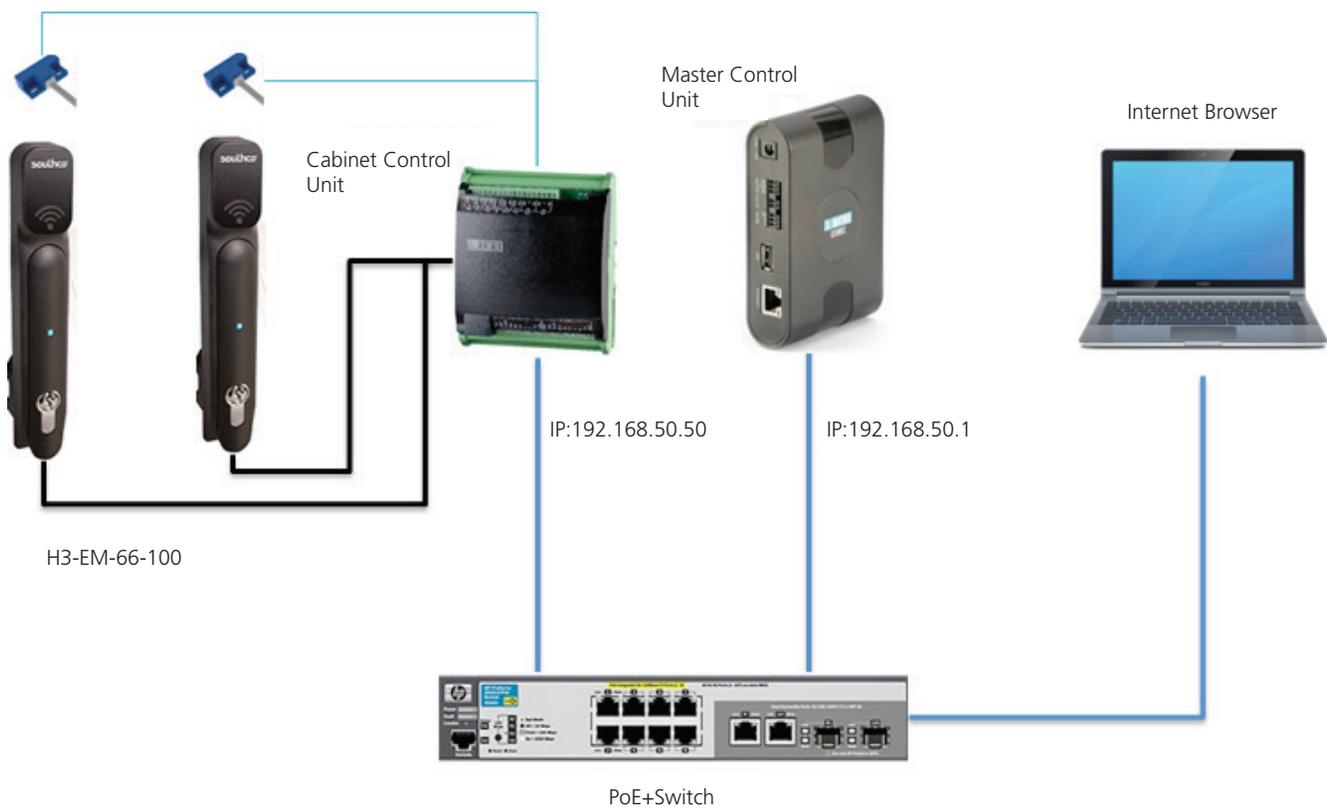

Vertical Air Blocking Panels

**Horizontal Air Blocking Panel
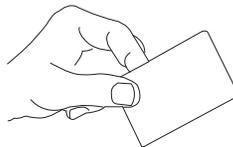1U ..... 6U, Toolless**

Locking Mechanisms

For the physical security and monitored access to your critical infrastructure KabinPLUS KD 19" Data Center Rack Cabinets offer various locking mechanism and open access connectivity. Mechanical and electro-mechanical locking, keypad access, proximity card access, finger print, eye retina or hand geometry biometric access and their combinations are among the available choices.

Master Control Unit

Internet Browser

Cabinet Control Unit

H3-EM-66-100

IP:192.168.50.50   IP:192.168.50.1

PoE+Switch

key pad   proximity   finger print   eye retina

KabinPLUS

Accessories

Cable Management

Cable Finger Organizer

Vertical Finger Duct Cable Organizer

Vertical Cable Trays

Cable Organizers & Troughs

Cable Management	PDU Brackets	Air Blocking Panels	

Overhead Cable Management

PDU Brackets

Vertical Air Blocking Panels

Horizontal Air Blocking Panels 1U ..... 6U, Toolless

Shelves & L-Support Rails

Rack Mount Shelf

(2 points fixing)

Fixed Shelf

(4 points fixing)

Sliding Shelf

(4 points fixing)

L-Support Rails

Levelling Feet & Castor Sets & Baying Kit

Levelling Feet & Castor Module

**Levelling Feet for Cabinets
(1 set = 4 pcs)**

**Castor Set for Cabinets
(1 set = 4 pcs, 2 with brakes)**

Baying Kit for Cabinets

Cabinet Bottom Cover Plates

Brush Kits

Bottom Cover Plates

Brush Kits for KD Server & Network Rack Cabinets

Grounding Kits & Potential Equalizer Bar

**Grounding Kit for Server & Network
Cabinets**

Potential Equalizer Bar

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KabinPLUS Data Center Rack Cabinets - KD SERVER

Description : Free Standing 19" Server Cabinet for Data Center Environments as single unit or as row formation unit

Dimensions : 42/47 Rack Units;
600 x 1000 / 1100 / 1200 (width x depth in mm)

Construction : Sheet Steel, Welded/Bolted frame

Color : RAL 7035 Gray or RAL 9005 Black

Loading : 1200 kg (static) - certified according to EN 61587-1
1500 kg static (UL 2416), 1500 kg dynamic (UL 1678)

Protection : IP 20

Profiles : 4 pcs. easily adjustable with double side U marking
(1,5mm + 2,5mm) steel thickness

Features :

- doors; single front and split rear doors, easily displaceable, all with 85% perforation rate; doors opens to 180/270 degree when bayed/not bayed
- locks; mechanical, electrical and biometric locking mechanisms, detachable split side panels with key lock
- cable management ; multiple brush cable entries on top corners and sides, tool-less overhead cable management by "M" or "A" shaped separators for data and power cables, multiple cover plates for bottom cable entries, vertical plastic finger ducts, vertical metallic cable tray, horizontal cable organizers, PDU brackets.
- fixing; for normal or raised floor and/or with seismic plinth options, also easily baying
- grounding; all internal parts and the frame with a main ground lug

Certifications :

- mechanical; IEC 61587-1, UL 2416, IEC 60068-2, EIA 310-E, ISO 9227, ASTM B 117
- electrical; IEC 61010-1, IEC 60950-1

Packaging : Assembled or Flat Pack

KabinPLUS Data Center Rack Cabinets - KD NETWORK

Description **:** Free Standing 19" Network Cabinet for Data Center
Environments as single unit or as row formation unit

Dimensions **:** 42/47 Rack Units;
800 x 1000 / 1100 / 1200 (width x depth in mm)

Construction **:** Sheet Steel, Welded/Bolted frame

Color **:** RAL 7035 Gray or RAL 9005 Black

Loading **:** 1200 kg (static) - certified according to EN 61587-1
1500 kg static (UL 2416), 1500 kg dynamic (UL 1678)

Protection **:** IP 20

Profiles **:** 4 pcs. easily adjustable with double side U marking
(1,5mm + 2,5mm) steel thickness

Features **:**

- doors; single front and split rear doors, easily displaceable, all with 85% perforation rate;
  doors opens to 180/270 degree when bayed/not bayed
- locks; mechanical, electrical and biometric locking mechanisms, detachable split side panels
  with key lock
- cable management ; multiple brush cable entries on top corners and sides, tool-less
  overhead cable management by "M" or "A" shaped separators for data and power cables,
  multiple cover plates for bottom cable entries, vertical plastic finger cable duct organizer,
  vertical metallic cable tray, horizontal cable organizers, PDU brackets.
- fixing; for normal or raised floor and/or with seismic plinth options, also easily baying
- grounding; all internal parts and the frame with a main ground lug

Certifications **:**

- mechanical; IEC 61587-1, IEC 60068-2, EIA 310-E, ISO 9227, ASTM B 117
- electrical; IEC 61010-1

Packaging **:** Assembled or Flat Pack

KabinPLUS

ATTESTATION OF CONFORMITY

Issued to: EAE Elektroteknik San. Ve Tic. A.S.
Ikitelli Organize Sanayi
Bölgesi Eski Turgut Özal
Caddesi No 20
34490 Ikitelli - Istanbul
Turkey

For the product: IT Cabinets

Trade name: EAE

Type/Model: KabinPlus

Ratings: Classification SL6, K3 and IP20

Manufactured by: EAE Elektroteknik San. Ve Tic. A.S.
Ikitelli Organize Sanayi
Bölgesi Eski Turgut Özal
Caddesi No 20
34490 Ikitelli - Istanbul
Turkey

Subject: Mechanical tests and safety aspects

Requirements: IEC 61587-1: 2012, clauses 7.3.1, 7.3.2, 7.3.4, 8.2 and 8.4

Remarks: -

This Attestation of Conformity is granted on account of an examination by DEKRA, the results of which are laid down in report no. 2191220.02-INC, 9 February, 2016.

The examination has been carried out on single samples of multiple configurations representative of the product, submitted by the manufacturer. The Attestation does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA

Arnhem, 9 February, 2016   Number: 2191220.02A

DEKRA Certification B.V.

H.R.M. Barends
Certification Manager

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NWIN.E489314
Audio/Video, Information and Communication Technology Equipment Cabinet, Enclosure and Rack Systems

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Audio/Video, Information and Communication Technology Equipment Cabinet, Enclosure and Rack Systems

See General Information for Audio/Video, Information and Communication Technology Equipment Cabinet, Enclosure and Rack Systems

EAE ELEKTROTEKNIK SAN VE TIC A S   E489314
IKITELLI ORGANIZE SANAYI BOLGESI ZIYA
GOKALP MH ESKI TURGUT OZAL CD NO 20
BASAKSEHIR
34490 ISTANBUL, BASAKSEHIR TURKEY

IT Cabinet Systems, "KD", Model(s) KabinPlus

Last Updated on 2017-11-13

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