

IMRAK® 1032

19" Cabinet with IP32 Protection



IMRAK® 1032

Overview

Material specification

- **Frame:** Steel 1.5 mm
- **Panel mounting angles and reducing channels:** Steel 2.0 mm
- **Panel mount supports:** Steel 1.5 mm
- **Side panels:** Steel 1.2 mm
- **Doors:** Steel 1.2 mm
- **Glass:** Tempered 4.0 mm UNI EN 12150-1
- **IMRAK® 1032 load capacity:** 750 Kg

Standards

- IEC 60297:** Dimensions of mechanical structures of the 482.6 mm (19") series
- DIN 41494:** Basic specification for the 19" construction systems
- EN 60950:** European safety standard for information technology equipment
- VDE 0100:** Installation and Set up of current systems and earthing
- DIN-1249-11:** Glass in building; glass edges

Colour specification

Standard

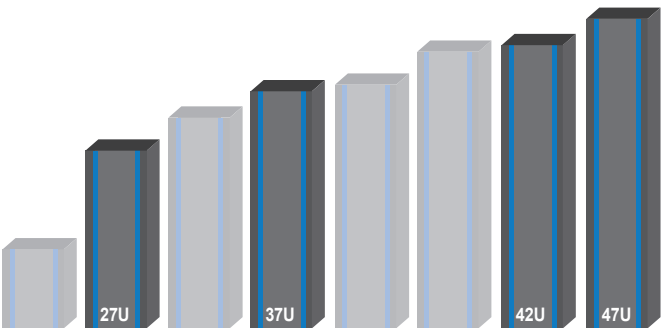
RAL 7035

Cabinet frame, side panels, front and rear doors and top cover

Dimensions

Floor version

Depth: 600 - 800 mm Width: 600 - 800 mm



Protection

1 st number	Definition
0	No protection
1	Protected against solids objects over 50 mm (e.g. accidental touch by hands)
2	Protected against solids objects over 12 mm (e.g. fingers)
3	Protected against solids objects over 2.5 mm (e.g. tools and wires)
4	Protected against solids objects over 1 mm (e.g. tools, wires and small l wires)
5	Protected against dust - limited entry (no harmful deposit)
6	Totally protected against dust

2 nd number	Definition
0	No protection
1	Protected against vertically falling drops of water
2	Protected against vertical direct sprays
3	Protected against vertical direct sprays up to 60°
4	Protected against sprays from all directions - limited entry permitted
5	Protected against sprays
6	Protected against strong jets of water
7	Protected against the effects of temporary immersion
8	Protected against long periods of immersion under pressure

Introduction to IMRAK® 1032

IMRAK® 1032 is designed to meet the specific needs of the telecommunications, networking, industrial and electronic applications offering IP32 environmental protection. IMRAK® 1032 is a stand alone cabinet featuring a robust structure with a 1.5 mm thick steel frame and a static load capacity of 750 Kg. The doors, available in glass or metal option, are easily reversible (right or left opening) without interfering with the IP sealing. The unique design of the closing mechanism ensures the integrity of the sealing systems. A swing handle controls a 4-point locking system which holds the proper pressure on the seals. The gasket is subjected to a minimum compression that preserves the performance of the sealing system over time, due to the repeated opening of the doors. This feature is particularly useful in environments where the cabinet is opened and inspected regularly for routine maintenance. IMRAK® 1032 can also be provided with a “pre-installed” side or top air conditioning unit including fan trays, heaters and conditioning units for roof or panel mounting. IMRAK® 1032 grey color scheme (RAL 7035) is neutral, blending with most modern decors and makes the ideal choice for both heavy industrial, electronics and telecoms applications.

Key Features:

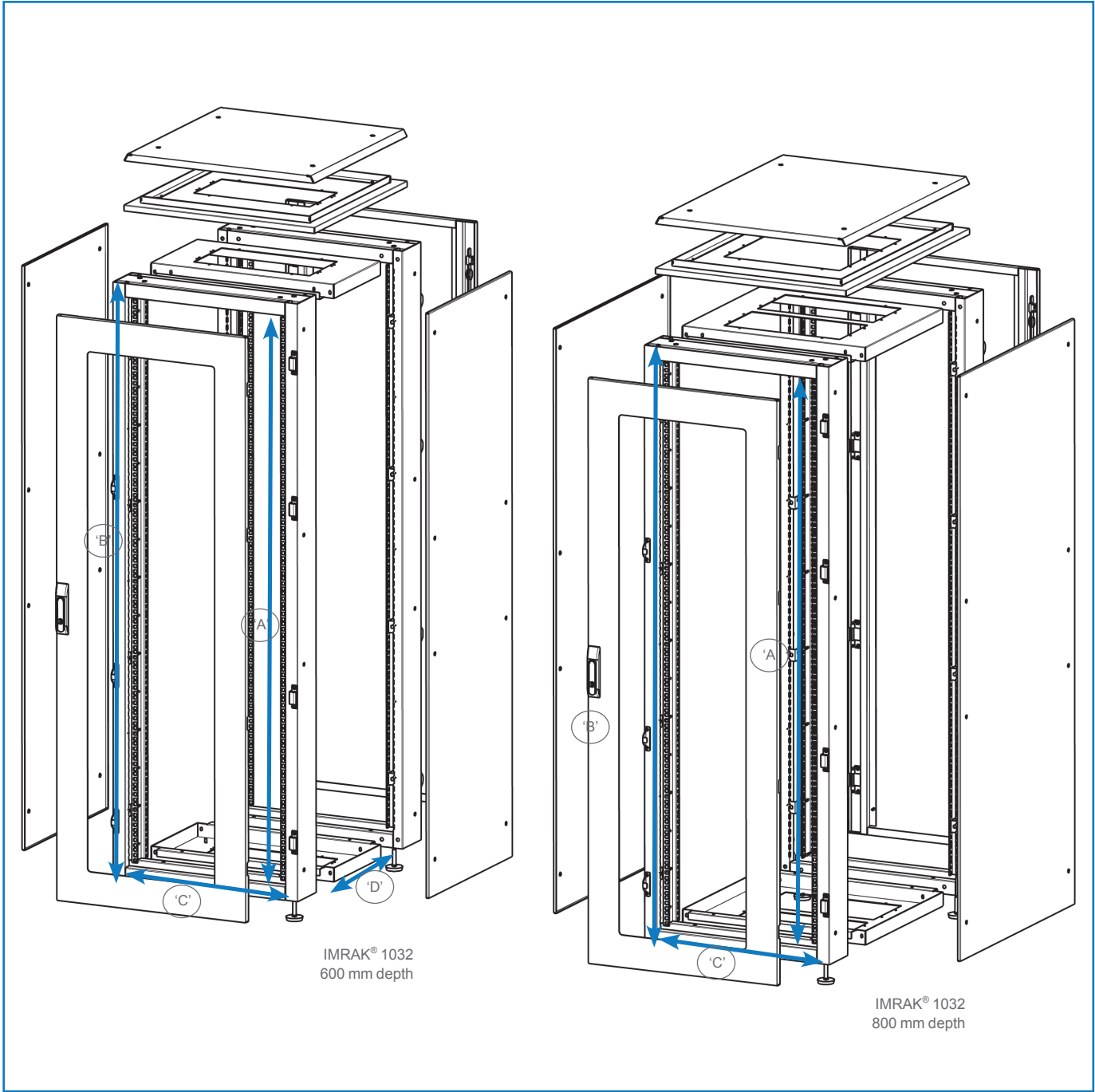
- IP32 protection against dust, humidity and water
- Ideal for industrial and process control applications
- Robust structure with a maximum static load capacity of 750Kg
- Secure four point door locking system
- Multiple entry access points from top or bottom
- 4 standard height options: 27U, 37U, 42U and 47U
- 2 depth options: 600 mm and 800 mm
- 2 width options: 600 mm and 800 mm
- Steel or Glazed front door and removable side panels
- Standard front and rear adjustable 19" panel mounting angles
- Wide range of application specific accessories
- Supplied fully assembled and configured with accessories
- Castors with 80 Kg or 115 Kg load rate as optional
- Additional bay versions settled for bayed cabinets
- Designed to mount the earth continuity kit compliant to EN 60950 norms



IMRAK® 1032 - 800 mm wide version
with 100mm plinth and thermal kit

IMRAK® 1032

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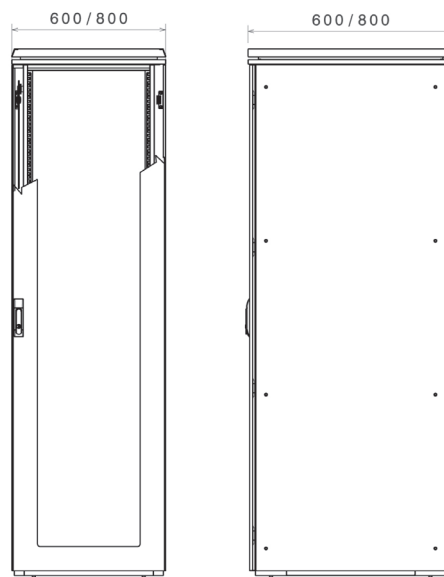


'A' = Height (mm)	Unit height	'B' = Total height (mm)	'C' = Width (mm)	'D' = Depth (mm)
1200.8	27U	1386.8	600 / 800	600 / 800 / 1000 / 1200
1645.3	37U	1831.3	600 / 800	600 / 800 / 1000 / 1200
1867.5	42U	2053.5	600 / 800	600 / 800 / 1000 / 1200
2089.8	47U	2275.8	600 / 800	600 / 800 / 1000 / 1200

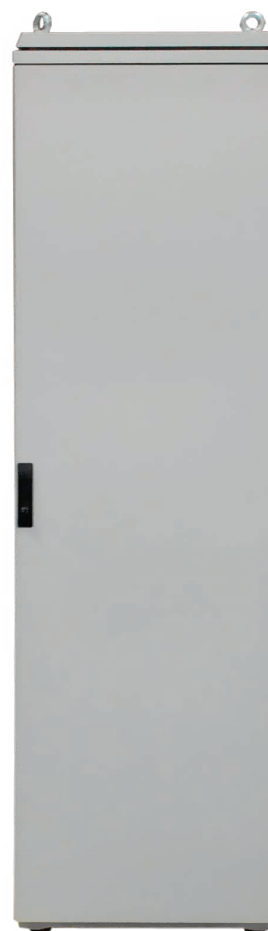
IMRAK® 1032 Primary rack

IMRAK® 1032 is a ready to use configured cabinet, one order code gives you a complete enclosure ready to host active equipment, electronics and computer servers. It can also be used as a starting base in order to create your own unique configured enclosure by adding additional accessories.

Contents of kit	Qty
Open frame	1
Glass front door	1
Metal rear door	1
Removable side panels	2
Top cover with plate	1
Lifting eyes kit	1 kit
Gland plate bottom /top - Depth 600/800 mm	1/2
19" panel mounting angles (front and rear)	2 pair
800 mm wide reducing cable channels	2 pair
Set of adjustable feet	1 kit



IMRAK® 1032
600 / 800 mm width



IMRAK® 1032
Metal rear door

IMRAK® 1032

Primary cabinets

Ordering information

IMRAK® 1032, 600 mm depth, sets for the integration of 1 thermal kit
Glass front door & metal rear door (fully assembled)

Description	H	W x D	W x D
		600 x 600 mm	800 x 600 mm
Primary Encl.	27U	VT807-606027	VT807-806027
Additional bay	27U	VT810-606027	VT810-806027
Primary Encl.	37U	VT807-606037	VT807-806037
Additional bay	37U	VT810-606037	VT810-806037
Primary Encl.	42U	VT807-606042	VT807-806042
Additional bay	42U	VT810-606042	VT810-806042
Primary Encl.	47U	VT807-606047	VT807-806047
Additional bay	47U	VT810-606047	VT810-806047

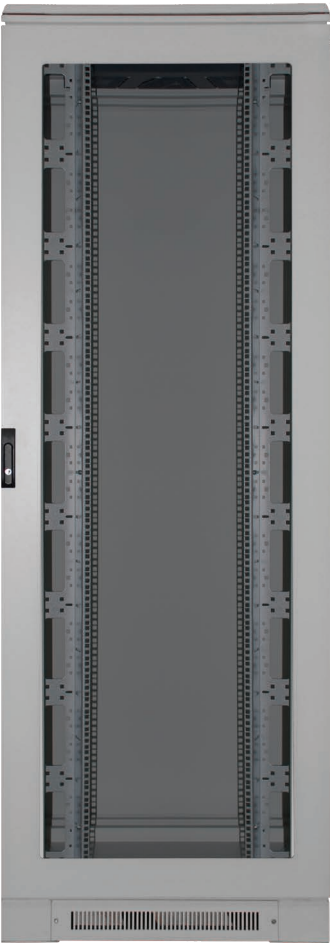
IMRAK® 1032, 800 mm depth, sets for the integration of 2 thermal kits
Glass front door & metal rear door (fully assembled)

Description	H	W x D	W x D
		600 x 800 mm	800 x 800 mm
Primary Encl.	27U	VT807-608027	VT807-808027
Additional bay	27U	VT810-608027	VT810-808027
Primary Encl.	37U	VT807-608037	VT807-808037
Additional bay	37U	VT810-608037	VT810-808037
Primary Encl.	42U	VT807-608042	VT807-808042
Additional bay	42U	VT810-608042	VT810-808042
Primary Encl.	47U	VT807-608047	VT807-808047
Additional bay	47U	VT810-608047	VT810-808047

Others options

Glass door

Description	H	Width	Width
		600 mm	800 mm
Glass door	27U	VT808-201261	VT808-201267
Glass door	37U	VT808-201263	VT808-201269
Glass door	42U	VT808-201264	VT808-201270
Glass door	47U	VT808-201265	VT808-201271



IMRAK® 1032 -
with 100mm vented plinth

Frame

The frame includes 4 verticals and 2 end frames suitable for hosting a fan tray or a cable brush

19" Mounting angles

The cabinet is provided with a set of four 19" mounting angles with a front to rear adjustment of 90mm. A mount angle supports kit is available for infinite adjustment throughout the depth of the rack. The mount angle support kit must be ordered separately.

Glazed door (front)

Framed door with 4 mm temperate glass, swing handle with a 4-point locking system.

Metal doors (front / rear)

The 1.2 mm steel door comes with swing handle which controls a 4-points locking system.

Side panels

Side panels are sold in pairs and are 1.2 mm steel painted in RAL7035. The side panels are fitted using captive screws which allow the units to easily be fitted or removed.

Top and bottom covers

Top and bottom covers provides for IP32 protection.

Plain IP32 top

IP 32 unvented top cover.

Baying bracket kit

The kit consists of the IP gasket and baying brackets. For example: If three racks are to be bayed together to make one suite of racks, one pair of 'side panels' are required (to be used on either end of the suite) and two 'baying bracket kits'.

Castors kit

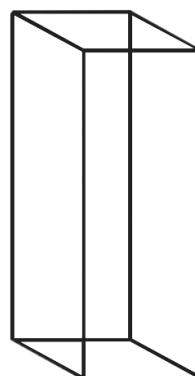
Two types of braked and unbraked castors are available.
Light/ medium load: static load max 80 Kg each.
Heavy duty load: static load max 115 Kg. each

Lifting eyes

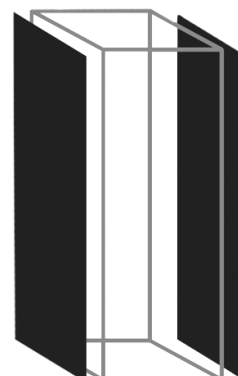
Lifting eyes are sold as a kit of 4. Top cover must be removed before lifting eyes can be fitted. Each lifting eye has a load capacity of 320 Kg.

Swing handles

Both the metal and glass doors have a swing manual handle fitted as standard. The swing handle controls a 4-point locking system with central camshaft holding the proper pressure on the seals.



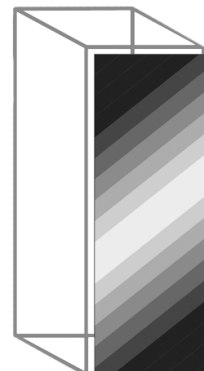
Frame



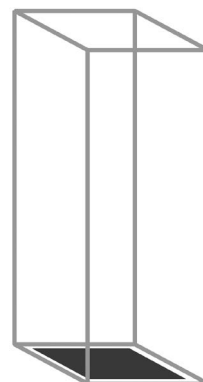
Side panels



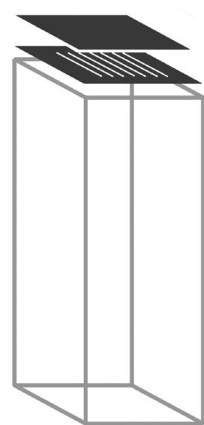
Metal door



Glazed door



Bottom plate



Top cover

IMRAK® 1032

Accessories

Thermal kit*

Description	Order code
Thermal kit 2 fans (half)	VT808-201280
Thermal kit 4 fans (full)	VT808-201281
Thermal kit 2 fans low noise (half)	VT808-201282
Thermal kit 4 fans low noise (full)	VT808-201283

*Power cord not included

Thermostat and wiring kit

Description	Order code
Thermostat and wiring kit	VK385-775843

Entry panel kit

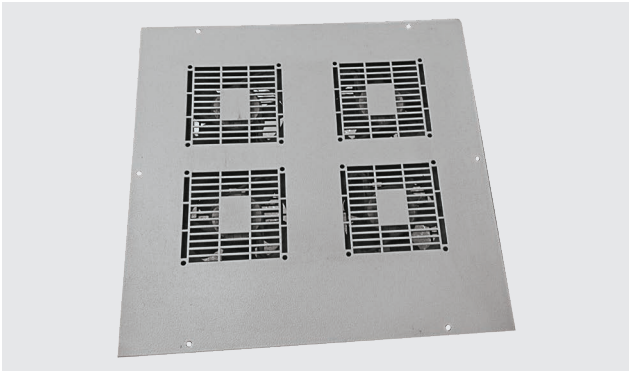
Description	Order code
Cable entry panel with brush	VT808-201284
Top/bottom gland plate (half)	VT808-201285
Top/bottom vented plate (half)	VT808-201286

19" Panel mounting angles kit

Description	Order code
19" 27U front panel mount kit	VT808-201288
19" 37U front panel mount kit	VT808-201290
19" 47U front panel mount kit	VT808-201291
19" 47U front panel mount kit	VT808-201292
19" 27U cable reducing channels kit 800 mm	VT808-201294
19" 37U cable reducing channels kit 800 mm	VT808-201296
19" 42U cable reducing channels kit 800 mm	VT808-201297
19" 47U cable reducing channels kit 800 mm	VT808-201298

Panel mount supports kit

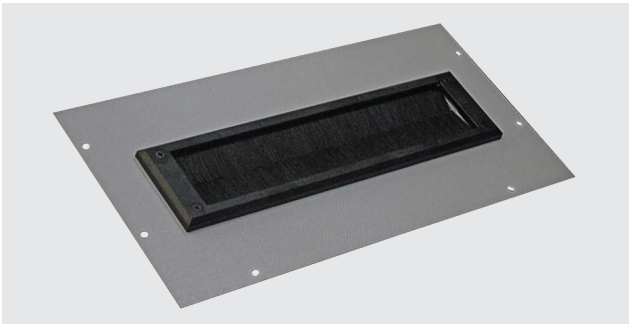
Description	Order code
2 panel mount supports kit 600 mm	VT808-201236
2 panel mount supports kit 800 mm	VT808-201237



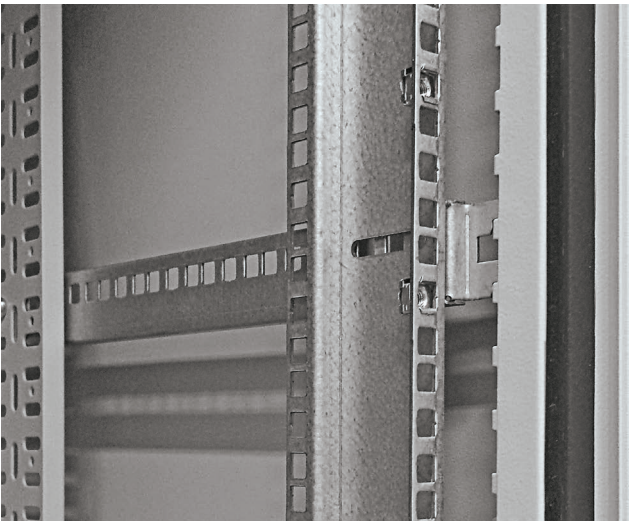
Thermal kit



Thermostat and wiring kit



Brush cable entry panel kit



19" panel mounting angles kit

Window channel moulding kit

Description	Order code
125 mm window channel moulding light blue kit 10 pcs.	VT593-599469
125 mm flag moulding kit 10 pcs.	VT593-599470

Unit Identification Strips

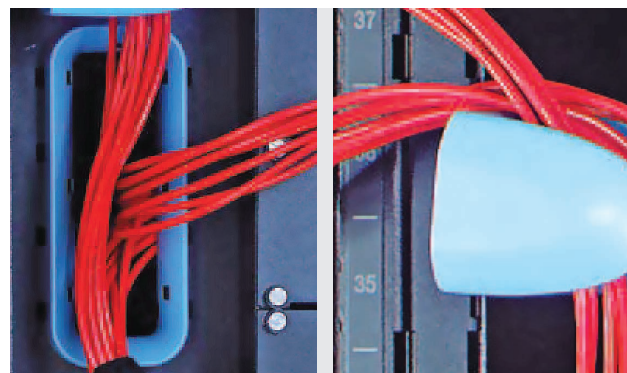
These self-adhesive strips fit to the cabinet's vertically and simplify the task of positioning panels/equipment accurately on the 'U' spacing. They are supplied in sections to suit racks up to 47U height and are easily cut for other sizes. Available in attractive black finish with silver numeric.

Ordering information

Description	Order code
Unit Identification Strips from 0U to 48U	VA385-775228
Reverse Unit Identification Strips from 48U to 0U	VA385-776542

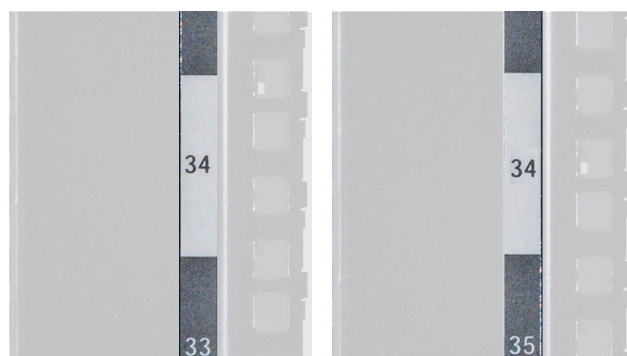
19" steel blank panels

Description	Order code
1U 19" blank panel - RAL 7035 finishing	VT802-783201
2U 19" blank panel - RAL 7035 finishing	VT802-783202
3U 19" blank panel - RAL 7035 finishing	VT802-783203
4U 19" blank panel - RAL 7035 finishing	VT802-783204
5U 19" blank panel - RAL 7035 finishing	VT802-783205



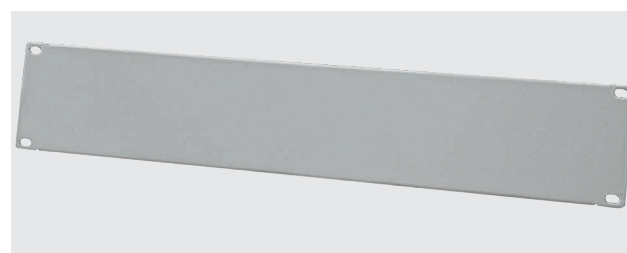
Window channel moulding kit

Flag moulding kit



Unit Identification Strips

Reverse Unit Identification Strips



19" steel blank panels

IMRAK® 1032

Accessories

Heavy duty shelves - Load capacity 100 Kg

Description	Order code
19" (600 mm) x 472 mm 3.4 Kg	VT802-552914
19" (600 mm) x 627 mm 4.6 Kg	VT802-552915
19" (600 mm) x 754 mm 5.5 Kg	VT802-552916
800 x 472 mm 5.0 Kg	VT802-552917
800 x 627 mm 6.6 Kg	VT802-552918
800 x 754 mm 7.9 Kg	VT802-552919



Heavy duty shelves

Chassis support

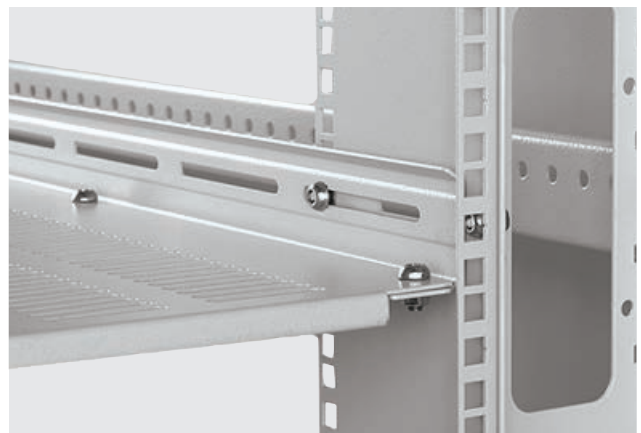
Description	Order code
Chassis support 270 mm kit (deep chassis 400 mm)	VT802-561009
Chassis support 370 mm kit (deep chassis 500 mm)	VT802-561561
Chassis support 470 mm kit (deep chassis 600 mm)	VT802-561010
Chassis support 570 mm kit (deep chassis 700 mm)	VT802-561562
Chassis support 670 mm kit (deep chassis 800 mm)	VT802-561011



Chassis support

19" chassis trays

Description	Order code
19" (600 mm) x 256 mm 1.8 Kg	VT802-561013
19" (600 mm) x 356 mm 2.5 Kg	VT802-561014
19" (600 mm) x 456 mm 3.2 Kg	VT802-561015
19" (600 mm) x 556 mm 3.9 Kg	VT802-561016
800 x 256 mm 2.6 Kg	VT802-561017
800 x 356 mm 3.6 Kg	VT802-561018
800 x 456 mm 4.6 Kg	VT802-561019
800 x 556 mm 5.6 Kg	VT802-561020



19" chassis trays

Adjustable fixed shelf

Description	Order code
Adjustable fixed shelf (from 550 mm up to 740 mm)	VT808-201299



Adjustable fixed shelf

19" Cantilever shelves

Description	Order code
255 mm cantilever shelf kit	VT802-562284
400 mm cantilever shelf kit	VT802-562285

19" Cantilever sliding keyboard

Description	Order code
19" cantilever sliding keyboard	VT802-3635758

19" Sliding drawing kit

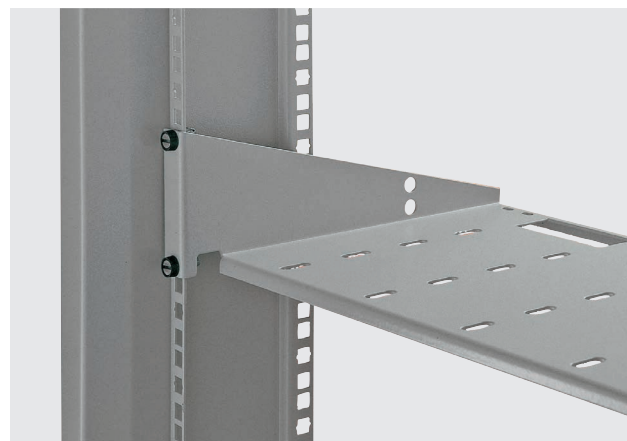
Description	Order code
19" 2U sliding drawing kit RAL 7035	VT390-787964

Plinths kit 100 mm

	Plinths	Vented Plinths
Description	Order code	Order code
Plinth kit 100 mm 600 x 600	VT808-201272	VT808-201449
Plinth kit 100 mm 600 x 800	VT808-201273	VT808-201450
Plinth kit 100 mm 800 x 600	VT808-201276	VT808-201451
Plinth kit 100 mm 800 x 800	VT808-201452	VT808-201277

Castors and feet kit

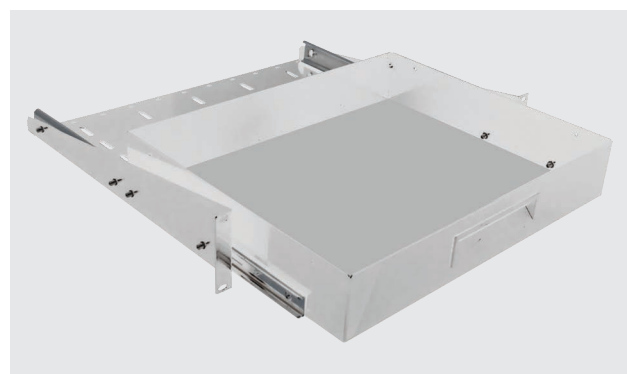
Description	Order code
Light/medium duty castors kit - 80 Kg static load braked	VK385-775721
Light/medium duty castors kit - 80 Kg static load unbraked	VK385-775722
Heavy duty castors kit - 115 Kg static load 2 braked	VK385-776250
Heavy duty castors kit - 115 Kg static load 2 unbraked	VK385-776251
Adjustable feet kit	VK385-775653



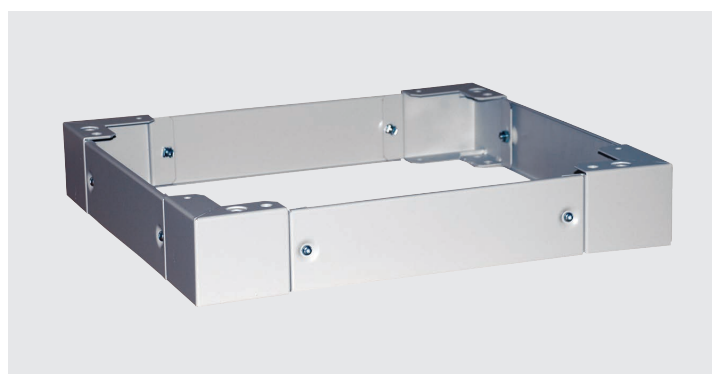
19" cantilever shelves kit



19" cantilever sliding keyboard



19" Sliding drawing kit



Plinths kit 100 mm



2 castors kit - 80 Kg static load braked



2 castors kit - 80 Kg static load unbraked



2 castors kit - 115 Kg static load braked



2 castors kit - 115 Kg static load unbraked

IMRAK® 1032

Accessories

Lifting eyes kit

Description	Order code
Lifting eyes kit - Load capacity 320 Kg x 4	VT385-776187

Baying kit

Description	Order code
Baying kit 27U	VT808-201231
Baying kit 37U	VT808-201233
Baying kit 42U	VT808-201234
Baying kit 47U	VT808-201235

180 mm cable trays kit

Description	Order code
Cable tray kit 27U - 180 mm wide	VT808-201241
Cable tray kit 37U - 180 mm wide	VT808-201243
Cable tray kit 42U - 180 mm wide	VT808-201244
Cable tray kit 47U - 180 mm wide	VT808-201245

*To be ordered with panel mount supports kit

Single and double cable hoops kit

Description	Order code
Double cable metal hoops kit 10 pcs.	VT802-563613
Single cable metal hoops kit 10 pcs.	VT802-563612
Single cable plastic hoops kit 10 pcs.	VK385-776232



Lifting eyes kit



180 mm cable trays kit



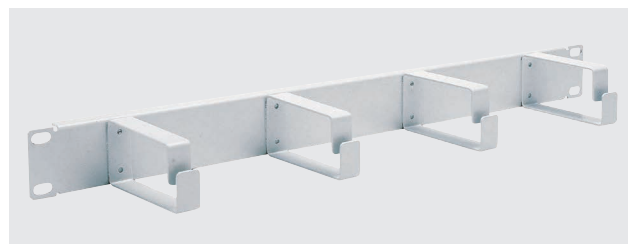
Double cable metal hoops



Single cable plastic hoops

Cable management panels

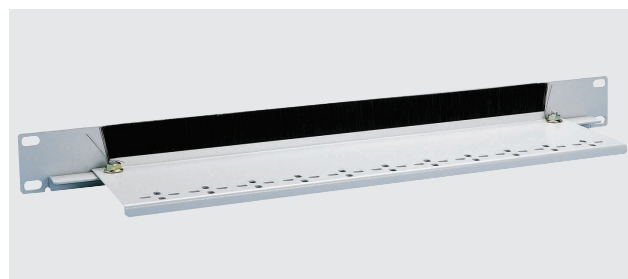
Description	Order code
1U 19" cable management panel w/metal hoops	VT802-563522
1U 19" cable management panel w/plastic hoops	VT808-201246
Brush strip panel 1U	VT802-563707
Cable entry panel 2U	VT960-236702
Cable management panel 2U	VT802-563523



Cable management panels

Cable bar 19"

Description	Order code
Cable bar 19"	VT961-553948



Brush strip panel 1U

Document holder

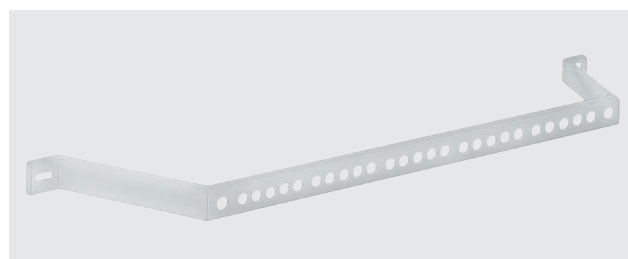
Description	Order code
Document holder A4 size	VT802-553081

Magnetic lights

Description	Order code
NEON Light 900Lm, low power consumption, 11W 16A with integrated Schuko socket	VA802-562179
NEON Light 900Lm, low power consumption, 11W 16A with BS1363 socket	VA803-563580
Power Cord 1,5 mt unterminated to Schuko plug	VA802-562180
Power Cord 2 mt unterminated to BS 1363/A plug	VA803-561559
LED Light KIT 400Lm with power ON/OFF	VT802-510011
LED Light KIT 400Lm with movement sensor	VT802-510014
Power Cord 1,5 mt unterminated to Schuko plug	VA802-562180
Power Cord 2 mt unterminated to BS 1363/A plug	VA802-590945



Cable entry panel 2U



Cable bar 19"



Magnetic lights + LED kit



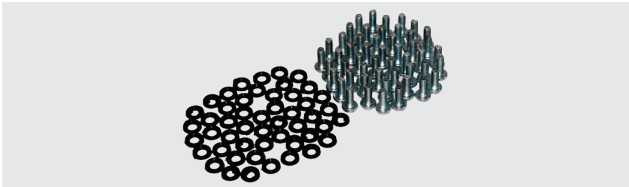
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IMRAK® 1032

Accessories

Caged nuts and fixings

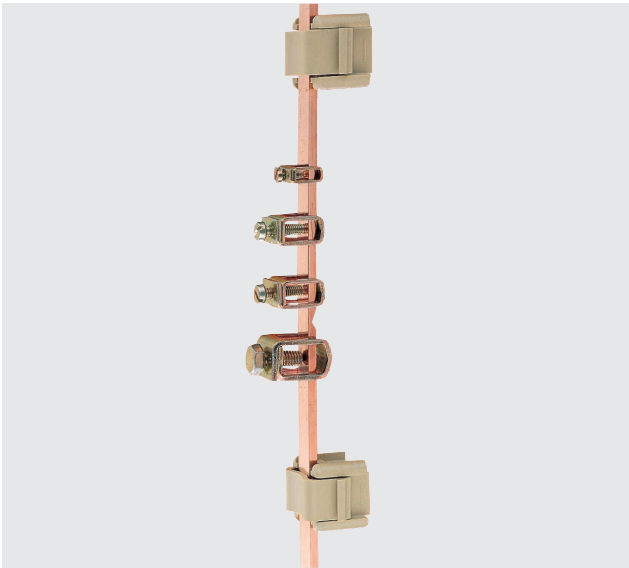
Description	Order code
M6 caged nuts kit 50 pcs.	VK385-776190
M6 x 12 mm pozzi drive screws and cup washers kit 50 pcs.	VK385-776191



Caged nuts and fixings

Earth continuity kit

Description	Order code
Earth continuity kit	VT802-560005
Equipment busbar for cabinets - 1 off	VT802-556088
Earthing bar 13U for cabinets	VT802-552929
Earthing bar 27U for cabinets	VT802-552930
Earthing bar 39U for cabinets	VT802-552931



Busbar systems

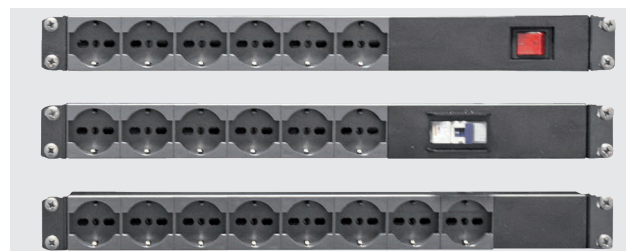


Earthing bars

Power Distribution Unit

1U 19" rackmount multistandard aluminum PDU

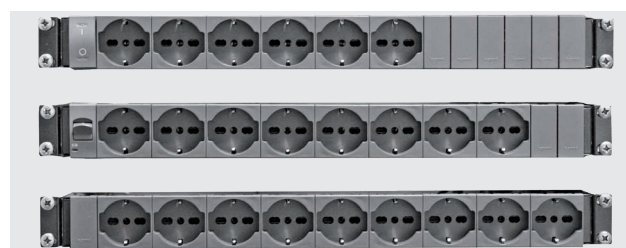
N. sockets	A	Protection	Cable & Plug	Order code
6	16A	--	2 mt + Schuko	C06ALMST-SI2S
6	16A	illuminated switch	2 mt + Schuko	C06ALMST-IL2S
7	16A	2P+N MGT	2 mt + Schuko	C07ALMST-MT2S
8	16A	--	2 mt + Schuko	C08ALMST-SI2S
8	16A	illuminated switch	2 mt + Schuko	C08ALMST-IL2S



Multistandard aluminum PDU

1U 19" rackmount multistandard steel PDU

N. sockets	A	Protection	Cable & Plug	Order code
6	16A	--	2 mt + Schuko	K06MET-SI2S
6	16A	illuminated switch	2 mt + Schuko	K06MET-IL2S
6	16A	2P+N MGT	2 mt + Schuko	K06MET-MT2S
8	16A	--	2 mt + Schuko	K08MET-SI2S
8	16A	illuminated switch	2 mt + Schuko	K08MET-IL2S
9	16A	2P+N MGT	2 mt + Schuko	K09MET-MT2S



Multistandard steel PDU

Multistandard aluminum vertical PDU

N. sockets	A	Protection	Cable & Plug	Order code
12	16A	2P+N MGT	2 mt + Schuko	C12ALMST-MT2S
12	16A	illuminated switch	2 mt + Schuko	C12ALMST-IL2S
16	16A	illuminated switch	2 mt + Schuko	C16ALMST-IL2S
16	16A	2P+N MGT	2 mt + Schuko	C16ALMST-MT2S



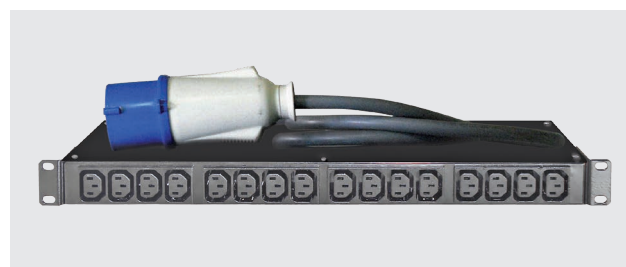
Multistandard aluminum vertical PDU

1U 19" rackmount IEC C13 steel PDU

N. sockets	A	Protection	Cable & Plug	Order code
8	16A	illuminated switch	2 mt + Schuko	C08MET-16AC13IECIL2S
8	16A	2P+N MGT	2 mt + Schuko	C08MET-16AC13IECMT2S
12	16A	illuminated switch	2 mt + Schuko	C12MET-16AC13IECIL2S
16	16A	--	3 mt + IEC 60309	K16MET-16AC13IECIND3MT
16	32A	--	3 mt + IEC 60309	K16MET-32AC13IECIND3MT



IEC C13 8/12 sockets steel PDU



IEC C13 16 sockets steel PDU

GOMA ELETTRONICA SpA
10146 Torino - Italy
Strada Antica di Collegno, 225

Tel: +39 011 7725024
Fax: +39 011 712298

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