



CONNECT AND PROTECT

Varistar Electronics

Cabinets – Varistar Electronics

OVERVIEW

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01008004



01005014

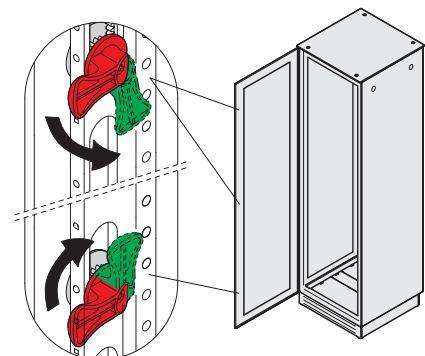
19" panel mounts integrated in decorative frame

All-round gasketing to IP 55



01009002

Side panels with quick-release fastener, optionally lockable



01005014

3-point locking with contradiirectional bolts

Cabinets – Varistar Electronics

OVERVIEW

THE UNIVERSAL CABINET FOR ELECTRONICS

- Selectable stability, static load-carrying capacity up to 800 kg
- Professional solutions for cable ducting
- Variable ventilation concepts, active and passive
- Various versions in ServicePLUS configuration

VARISTAR DECO



01004001

- Open at front, with deco frame and integrated 19" panel mounts

VARISTAR IP 20



01004002

- With glass door and single point locking

VARISTAR IP 55



01004003

- With glass or steel door and 3-point locking

SERVICEPLUS

- e.g. individual configuration and assembly
- e.g. modifications (cut-outs, special colours)
- e.g. variants of uprights (Slim-Line, Heavy-Duty)
- e.g. custom solutions (special sizes)

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VARISTAR DECO



- Open at front (no door)
- 19" panel mounts integrated into decoration frame
- Rear door with single point locking, side panels with quick release fastener
- Static load-carrying capacity 400 kg (Slim-Line)

DELIVERY COMPRISES (assembled)

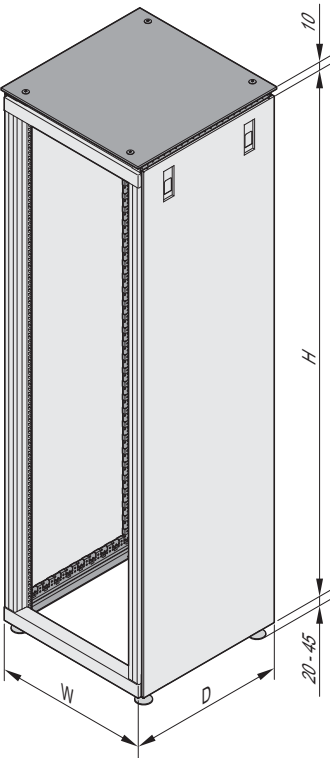
Item	Qty	Description
1	1	Welded basic frame, Slim-Line, St profile, zinc-plated, powder-coated, RAL 7021
2	4	Adjustable foot, assembled
3	1	Raised top cover, St, RAL 7021, with 10 mm air gap all around
4	1	Decorative frame, Al, integrated 19" panel mounts at the front, RAL 7035
5	2	Adapter bracket, St, 2 mm, RAL 7035, front, for assembling shelves and slide rails
6	1	Rear door, St, 180° hinge, single point locking and key with safety lock, RAL 7035
7	2	Side panel, St, with quick-release fastener, RAL 7035
8	1	GND/earthing kit, supplied loose

ORDER INFORMATION

Height U	Height H mm	Width W mm	Depth D mm	Part no.
38	1800	600	600	10130-001
38	1800	600	800	10130-002
42	2000	600	600	10130-003
42	2000	600	800	10130-004
Castors load-carrying capacity 400 kg, PS/St, PU 4 pieces, 2 locking, 2 non locking				23130-077
Castors with integrated adjustable feet load-carrying capacity 400 kg, PU 4 pieces				23130-078
Lever handle for single point locking with push button, 1 piece				23130-067
DIN profile half cylinder, common locking for lever handle (1 key fits all locks) incl. 2 keys				25127-995
Lifting eye for raised top cover PU 4 pieces				23130-085

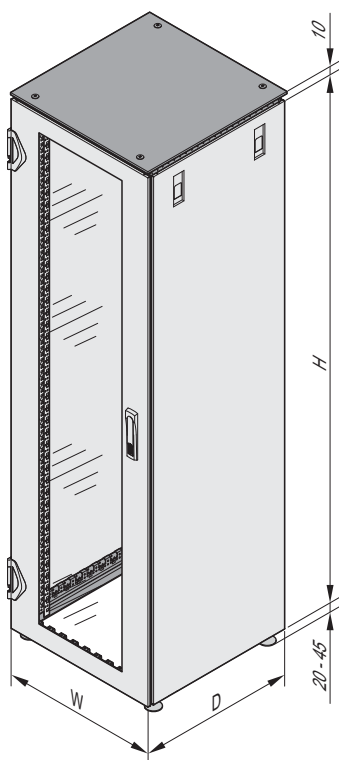
NOTE

- Lever handle can be added to rear door
- For more dimensions and versions see ServicePLUS IP 20, starting on page 1.27
- Please order base plate separately, see page 1.15
- Please order base/plinth separately, see page 1.16
- For assembly of shelves and slide rails another pair of panel/slide mounts is necessary, see page 1.19



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VARISTAR IP 20



- With glazed front door
- Doors with single point locking, side panels with quick release fastener
- Type of protection IP 20
- Static load-carrying capacity 400 kg (Slim-Line)

DELIVERY COMPRISES (assembled)

Item	Qty	Description
1	1	Welded basic frame, Slim-Line, St profile, zinc-plated, powder-coated, RAL 7021
2	4	Adjustable foot, assembled
3	1	Raised top cover, St, RAL 7021, with 10 mm air gap all around
4	1	Front door, glazed, safety glass, 6 mm, 180° hinge, RAL 7035, single point locking, key lock cover
5	1	Rear door, St, 180° hinge, RAL 7035, single point locking, key with safety lock
6	2	Side panel, St, quick-release fastener with safety lock, RAL 7035
7	2	19" panel/slide mount with EIA cut-outs, St, RAL 7035, assembled at front, depth-adjustable in 25 mm increments
8	1	GND/earthing kit, enclosed loose

ORDER INFORMATION

Height U	Height H mm	Width W mm	Depth D mm	Part no.
38	1800	600	600	10130-005
38	1800	600	800	10130-006
42	2000	600	600	10130-007
42	2000	600	800	10130-008
Castors load-carrying capacity 400 kg, PS/St, PU 4 pieces, 2 locking, 2 non locking				23130-077
Castors with integrated adjustable feet load-carrying capacity 400 kg, PU 4 pieces				23130-078
Lever handle for single point locking with push button, 1 piece				23130-067
DIN profile half cylinder, common locking for lever handle (1 key fits all locks) incl. 2 keys				25127-995
Lifting eye for raised top cover PU 4 pieces				23130-085

NOTE

- Lever handle can be added to the doors
- For other dimensions and versions see ServicePLUS configuration IP 20, from page 1.27
- Please order base plate separately, see page 1.15
- Please order base/plinth separately, see page 1.16
- For assembly of shelves and slide rails another pair of panel/slide mounts is necessary, see page 1.19

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VARISTAR IP 55



01005006



01005014

- With glazed or steel front door
- Doors with 3-point locking and screw-fixed side panels
- Type of protection IP 55
- Static load-carrying capacity 400 kg (Slim-Line)

DELIVERY COMPRISES (assembled)

Item	Qty	Description
1	1	Welded basic frame, Slim-Line, St profile, zinc-plated, powder-coated, RAL 7021, with all around rubber seals
2	4	Adjustable foot, assembled
3	1	Flat top cover, St, RAL 7021
4	1	Front door, St or glazed, RAL 7035, 180° hinge, 3-point locking, lever handle
5	1	Rear panel, screw fixed, St, RAL 7035
6	2	Side panel, screw fixed, St, RAL 7035
7	1	Base plate, multi-piece, with cover plate, St, RAL 7021, with gasket
8	2	19" panel/slide mount with EIA cut-outs, AlZn, assembled at front, depth-adjustable in 25 mm increments
9	1	GND/earthing kit, enclosed loose

ORDER INFORMATION

Height U	Height H mm	Width W mm	Depth D mm	Description	Part no.
42	2000	600	600	With glazed door	10130-021
42	2000	600	600	With steel door	10130-022
Castors load-carrying capacity 400 kg, PS/St, PU 4 pieces, 2 locking, 2 non locking					23130-077
Castors with integrated adjustable feet load-carrying capacity 400 kg, PU 4 pieces					23130-078
DIN profile half cylinder, common locking for lever handle (1 key fits all locks) incl. 2 keys					25127-995
Lifting eye for top cover PU 4 pieces					23130-072

NOTE

- For other dimensions and versions see ServicePLUS configuration IP 55, from page 1.39
- Please order base/plinth separately, see page 1.16
- For assembly of shelves and slide rails another pair of panel/slide mounts is necessary, see page 1.19

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LEVER HANDLE FOR SINGLE POINT LOCKING



- For installation instead of key lock insert
- To open press push-button
- DIN profile half cylinder retrofittable

DELIVERY COMPRISES

Item	Qty	Description
1	1	Lever handle for single point locking
2	1	Assembly kit

ORDER INFORMATION

Description	Part No.
Lever handle for single point locking	23130-067

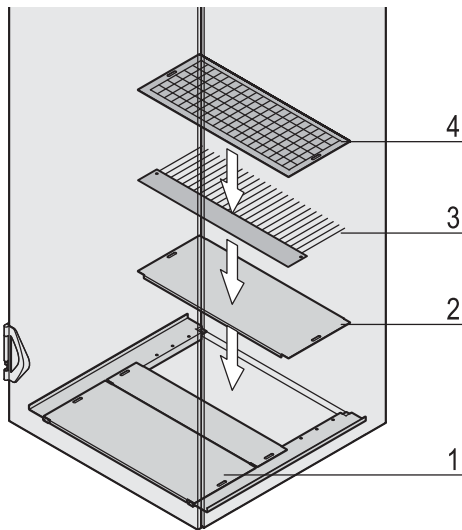
Accessories

DIN profile half cylinder, common locking for lever handle (1 key type 333 fits all locks) incl. 2 keys	25127-995
DIN profile half cylinder, common locking for lever handle (1 key type 2233 fits all locks) incl. 2 keys	60130-402

NOTE

- Other locks such as ASSA, KABA or RONIS available on request

BASE PLATE, MULTI-PIECE



1: Base plate, multi-piece; 2: Cover plate; 3: Brush strip; 4: Filter kit

- The multi-piece base plate is open at the rear
- The opening may be completed
 - with a filter mat
 - with a brush strip for the cable entry
 - with a cover plate

DELIVERY COMPRISES (kit)

Item	Qty	Description
1	1	Multi-piece base plate, St, 1.5 mm, RAL 7021
5	1	Assembly kit

ORDER INFORMATION

Width mm	Depth mm	Part no.
600	600	23130-001
600	800	23130-002

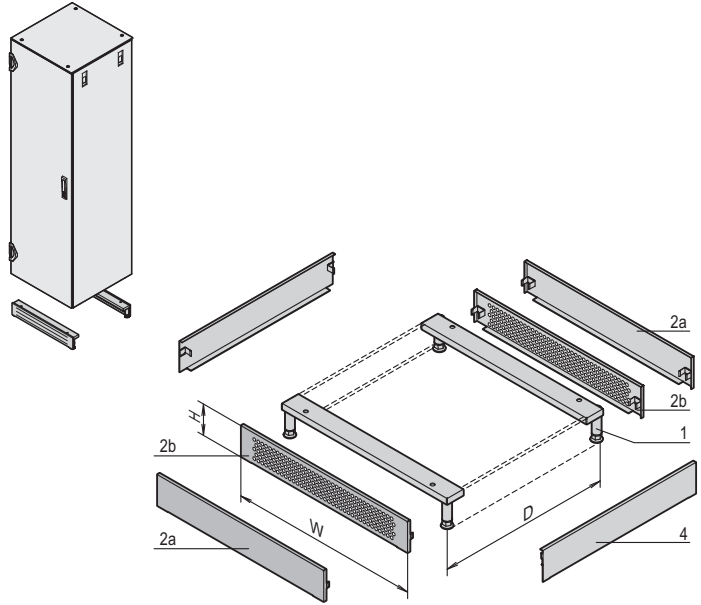
Item 2 Cover plate for base plate, multi-piece for 600 mm wide base plate, 200 mm deep, incl. assembly kit, 1 piece	23130-076
Item 3 Brush strip for base plate for 600 mm width base plate, 200 mm deep, incl. assembly kit, 1 piece	23130-074
Item 4 Filter mat white, class M1 in accordance with EN 799-G3, for 600 mm wide base plate, 200 mm deep, incl. assembly kit, 1 piece	23130-075

NOTE

- Is assembled from inside
- Please order cover plate, brush strip or filter mat separately

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STATIONARY BASE



D = cabinet depth

01004110 01004053

- Static load-carrying capacity 1000 kg
- Removable covers allow cable entry from all sides
- Cannot be used in conjunction with castors
- Plinth height 100 mm, with feet adjustable from 112 to 132 mm
- Versions
 - Front/rear trim perforated
 - Front/rear trim solid

DELIVERY COMPRISES (kit)

Item	Qty	Description
1	2	Support with feet, St, 3 mm
2a	2	Solid trim, St, 1.5 mm, RAL 7021
2b	2	Perforated trim, St, 1.5 mm, RAL 7021
3	1	Assembly kit

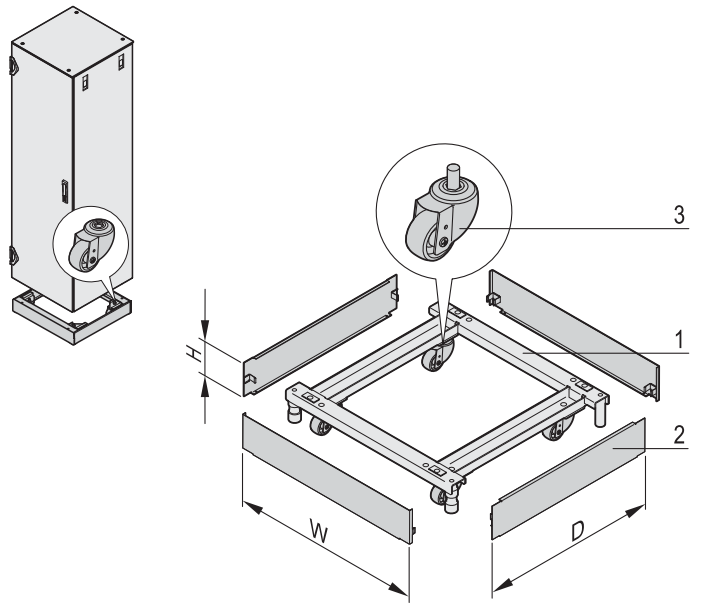
ORDER INFORMATION

For cabinet width W mm	Front/rear trim	Part no.
600	perforated	23130-187
600	plain	23130-387
Item 4 Side trim height 100 mm, depth 600 mm, PU 2 pieces		23130-169
Item 4 Side trim height 100 mm, depth 800 mm, PU 2 pieces		23130-170

NOTE

- Please order side trims (item 4) separately

BASE/PLINTH, MOBILE



01004110 1006095

- Load-carrying capacity on castors 400 kg, on adjustable feet 1000 kg
- Plinth height H = 100 mm, with feet adjustable from 126 to 134 mm

DELIVERY COMPRISES

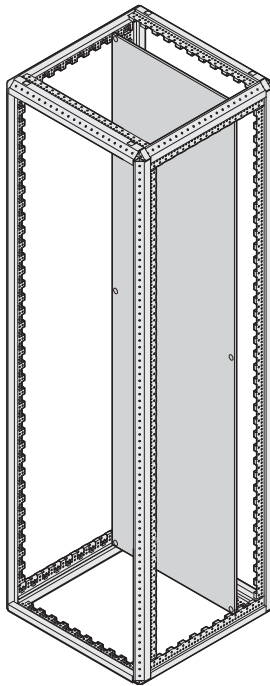
Item	Qty	Description
1	1	Frame, St, 3 mm, RAL 7021, with adjustable feet
2	4	Trim, St, 1.5 mm, RAL 7021
3	4	Castor
4	1	Assembly kit

ORDER INFORMATION

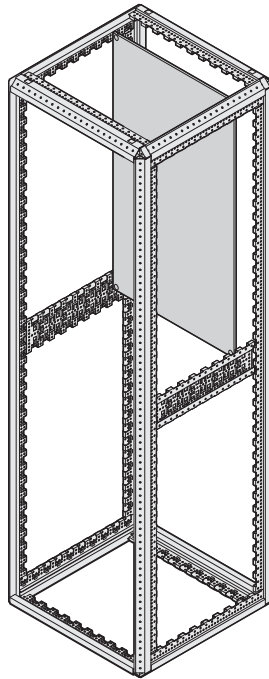
For cabinet width mm	For cabinet depth mm	Part no.
600	600	23130-208
600	800	23130-209

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MOUNTING PLATE



Full height



For partial-height mounting

010080520 1008053

- For mounting electrical components and sub-assemblies incl. cabling
- Mounting pitch 25 mm in depth and 50 mm in height for partial-height mounting
- Depth members are required for partial-height mounting
- Static load
 - 450 kg at full height, mounted to rear
 - 600 kg at full height, mounted to rear, with additional strengthening brackets

DELIVERY COMPRISES

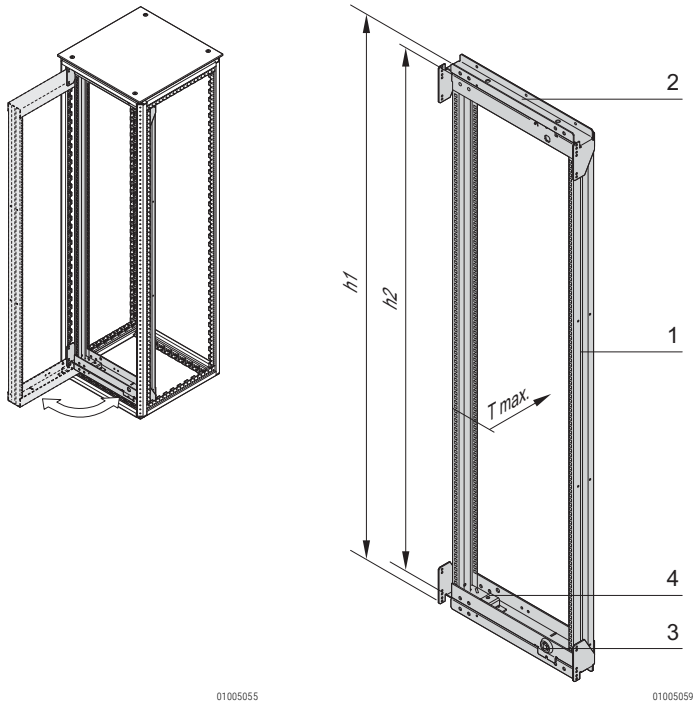
Item	Qty	Description
1	1	Mounting plate, St, 3 mm, zinc-plated
2	1	Assembly kit

ORDER INFORMATION

For cabinet height mm	Width mm	Part no.
1200 for partial-height mounting	600	23130-413
1800	600	23130-405
2000	600	23130-407
Strengthening bracket for mounting plate PU 2 pieces		23130-418
Depth member St, 2 mm, for cabinet depth 600 mm, 2 pieces		23130-081
Depth member St, 2 mm, for cabinet depth 800 mm, 2 pieces		23130-082

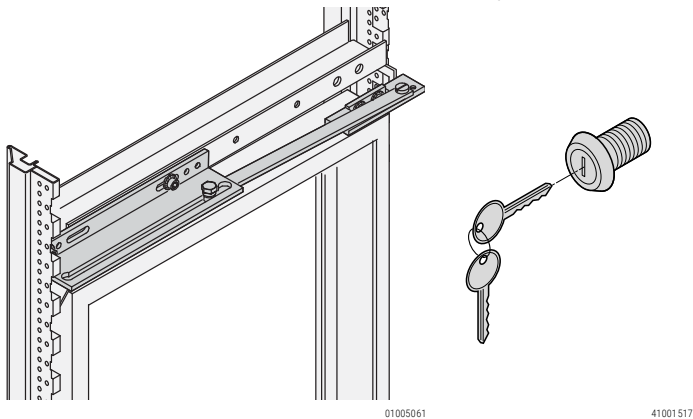
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19" SWING FRAME



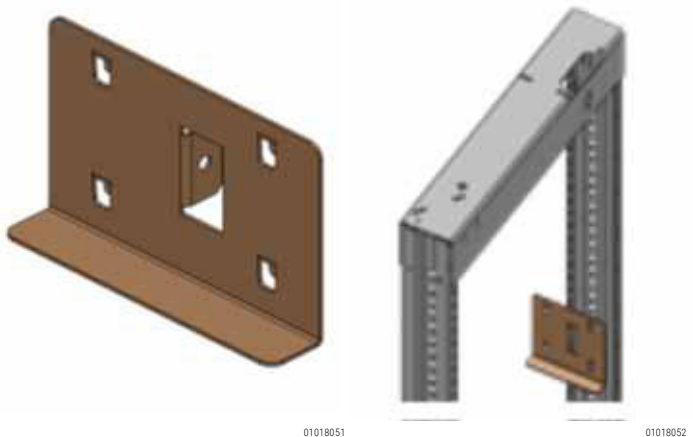
Swing frame stop

Security lock



Slide rail

Sliding rails mounted on the swing frame



- Can accommodate 19" chassis and 19" subracks
- For full height or partial-height mounting
- Pivot point can be selected right or left
- Load-carrying capacity 150 kg

DELIVERY INCLUDES (kit)

Item	Qty	Description
1	1	Swing frame, St, 2 mm, RAL 7021
2	2	Support bar, St, 3 mm, RAL 7021
3	2	Square lock, 8 mm, incl. 2 keys
4	2	120° hinge
5	1	Assembly kit

ORDER INFORMATION

For cabinet height mm	Height h1 U	Height h2 U	Part no.
900 for partial-height mounting	16	12	21130-740
1200 for partial-height mounting	24	21	21130-741
1400 for partial-height mounting	29	25	21130-742
1600 for partial-height mounting	33	30	21130-743
1800	38	34	21130-744
2000	42	39	21130-745
2200	47	43	21130-746

Accessories

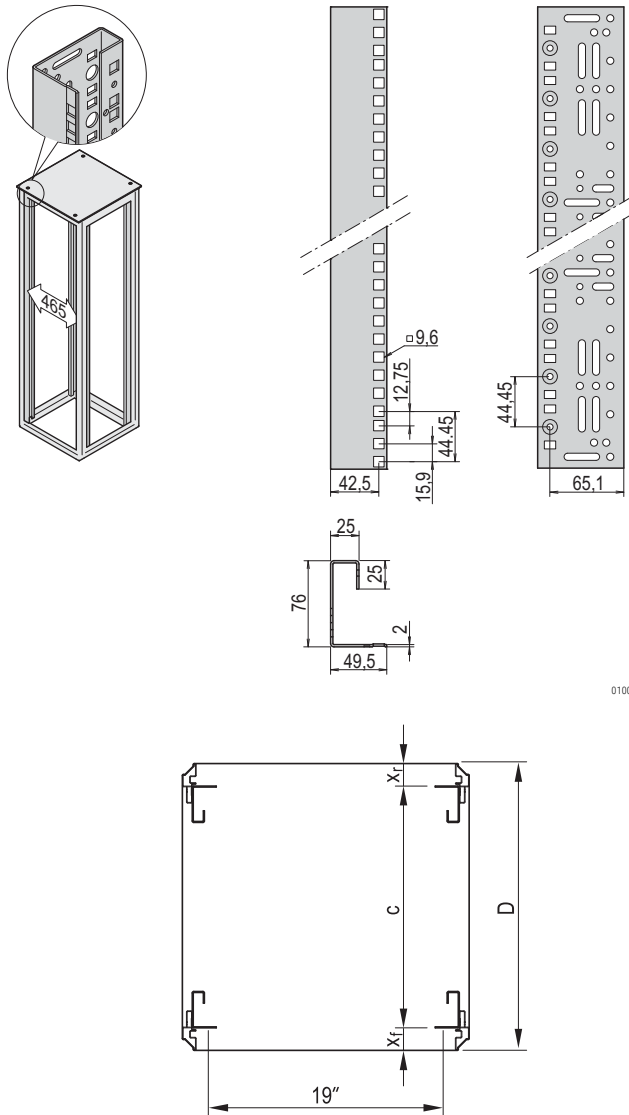
Swing frame stop max. swing angle 120°, St, zinc-plated, 1 piece	23130-158
Security lock to replace the square lock, PU 1 lock incl. 2 keys	60113-267
Spare key for security lock, 1 piece	60220-003
Slide rails for swing frames PU 2 pieces	23130-183

NOTE

- 19" swing frames can be assembled:
 - Directly on the cabinet frame
 - In 50 mm increments by aid of depth members (depth-adjustable)
- For partial-height mounting, depth members are necessary, see page 1.24

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19" PANEL/SLIDE MOUNT WITH UNIVERSAL PITCH (EIA)



010041120 1004131

01005088

Standard assembly dimension $x_f = x_r = 50$ mm

- Assembly in 600 mm wide cabinets directly on the frame
- Depth-adjustable in 25 mm increments
- In accordance with IEC 60297-1 (DIN 41 494, part 1)

DELIVERY COMPRISES

Item	Qty	Description
1	2	19" panel/slide mount, St, 1.75 mm, finish AlZn, RAL 7035 or RAL 7021
2	1	Assembly kit, incl. GND/earthing

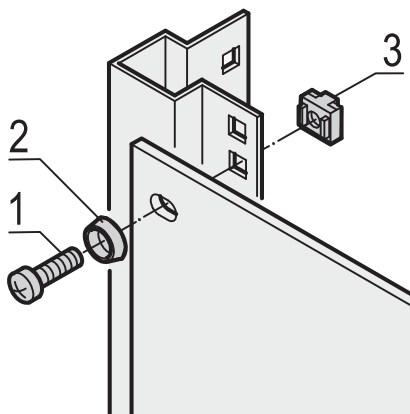
ORDER INFORMATION

For cabinet height mm	Usable height U	Length mm	AlZn Part no.	RAL 7035 Part no.	RAL 7021 Part no.
Partial-height mounting	8	395	23130-037	23130-027	23130-017
Partial-height mounting	12	545	23130-038	23130-028	23130-018
Partial-height mounting	16	745	23130-039	23130-029	23130-019
Partial-height mounting	20	895	23130-040	23130-030	23130-020
Partial-height mounting	24	1095	23130-031	23130-021	23130-011
Partial-height mounting	29	1295	23130-032	23130-022	23130-012
Partial-height mounting	33	1495	23130-033	23130-023	23130-013
1800	38	1695	23130-034	23130-024	23130-014
2000	42	1895	23130-035	23130-025	23130-015
Dimensioning strip for 19" panel mounts, paper, white, serial numbered from 1 ... 47 U, PU 4 pieces					25127-997

NOTE

- For 19" partial-height mounting depth members are necessary
- Metric panel/slide mounts available on request

19" ASSEMBLY KIT, M6



sc128

- For front panels, distribution fields and other components

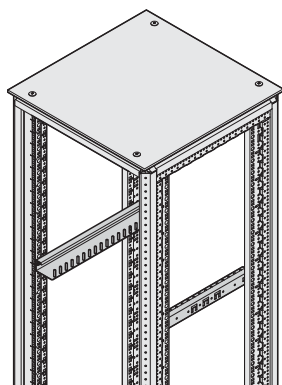
DELIVERY COMPRISES

Item	Description
1	Panhead screw, M6 x 16, St, zinc-plated
2	Plastic washer, black
3	Cage nut, M6, St, zinc-plated

ORDER INFORMATION

Description	Qty/PU	Part no.
19" assembly kit (screw, washer, nut)	50	21101-809
19" assembly kit (screw, washer, nut)	100	21101-810

SLIDE RAILS



- For assembly on 19" panel/slide mounts
- Assembly in 1 U increments (snap-in, bolt-on)
- Wide support surface (48 mm)
- 2 versions
 - Static load-carrying capacity 25 kg per pair
 - Static load-carrying capacity 100 kg per pair

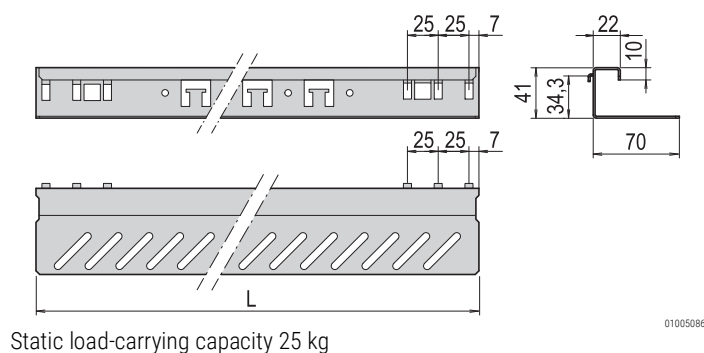
DELIVERY COMPRISES

Item	Qty	Description
1	see Order information	Slide rail, AlZn, 1.5 mm (static load-carrying capacity 25 kg), or 2.5 mm (static load-carrying capacity 100 kg), zinc-plated
2	1	Assembly kit incl. GND/earthing

ORDER INFORMATION

Static load carrying capacity 25 kg

For cabinet depth D mm	x_f mm	c mm	Length L mm	Qty/PU	Part no.
600	50	500	456	2	23130-096
600	50	500	456	10	23130-101
800	50	700	656	2	23130-097
800	50	700	656	10	23130-102

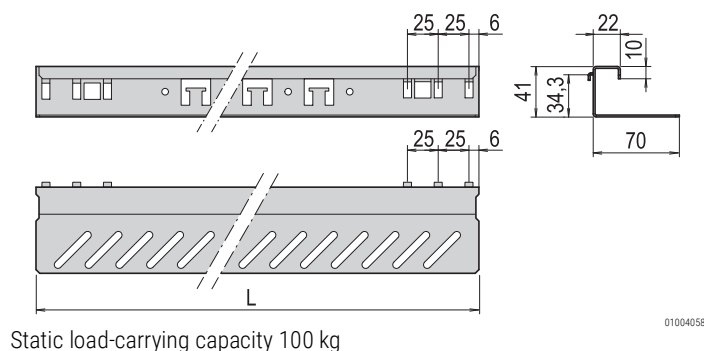


Static load-carrying capacity 25 kg

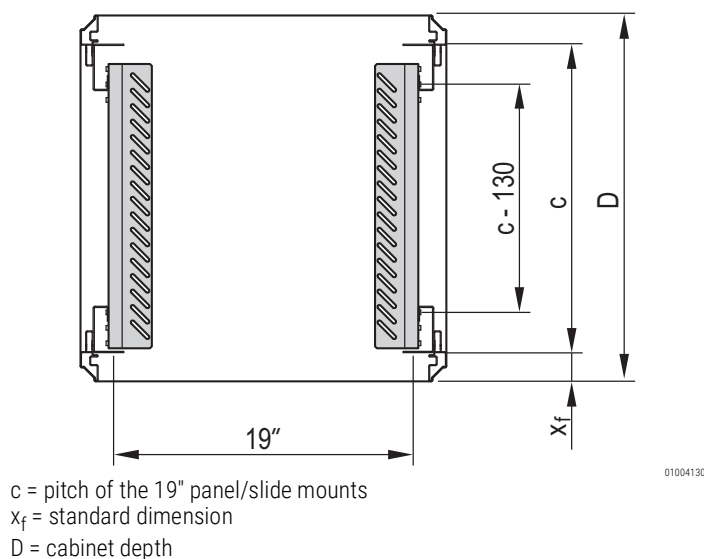
ORDER INFORMATION

Static load carrying capacity 100 kg

For cabinet depth D mm	x_f mm	c mm	Length L mm	Qty/PU	Part no.
600	50	500	458	2	23130-118
600	50	500	458	10	23130-123
800	50	700	658	2	23130-119
800	50	700	658	10	23130-124

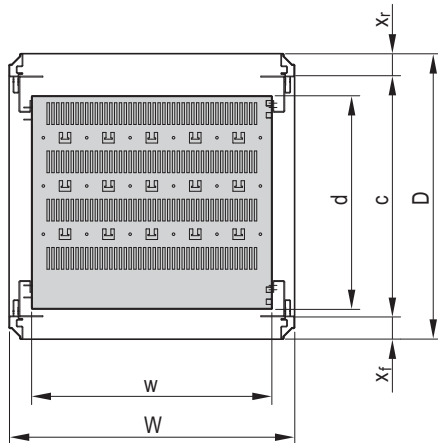
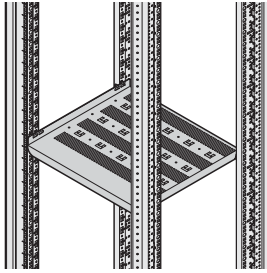


Static load-carrying capacity 100 kg



Cabinets – Varistar Electronics

19" FIXED SHELF, 75 KG



c = max. pitch of the 19" slide mounts
 x_f, x_r = standard assembly dimension

- Static load-carrying capacity 75 kg (150 kg with strengthening rail)
- Mounting height 1 U, for mounting on four panel/slide mounts
- With hammer head perforation to fix cable ties

DELIVERY COMPRISES

Item	Qty	Description
1	1	Perforated shelf, St, 1.5 mm (colour see Order Information)
2	1	Assembly kit incl. GND/earthing

ORDER INFORMATION

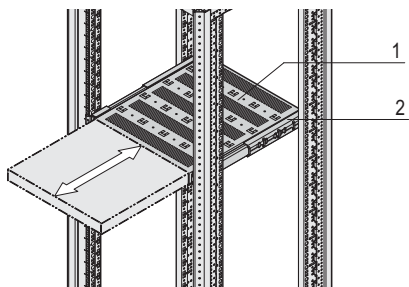
For cabinet depth	Usable surface w x d	x_f	c	RAL 7035	RAL 7021
mm	mm	mm	mm	Part no.	Part no.
600	495 x 442	50	500	22130-303	21130-303
800	495 x 642	50	700	22130-305	21130-305
Strengthening rail for stationary 19" shelf PU 1 piece					23130-310

NOTE

- Cable ducting with cable ties, see page 1.26
- Other sizes, see ServicePLUS, page 1.49

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19" TELESCOPIC SHELF, 30 KG



- Static load-carrying capacity at full extension 30 kg
- Mounting height 1 U, for mounting on four 19" panel/slide mounts
- Incl. telescopic slides
- Hammer head perforation to fix cable ties
- 2 versions
 - Full depth
 - Depth shortened by 100 mm for rear cable ducting

01004068

DELIVERY COMPRISES

Item	Qty	Description
1	1	Perforated shelf, St, 1.5 mm (colour see Order Information)
2	2	Telescopic slide
3	1	Assembly kit

ORDER INFORMATION

Full depth

For cabinet depth	Usable surface w x d	x_f	c	RAL 7035 Part no.	RAL 7021 Part no.
mm	mm	mm	mm		
600	417 x 482	50	500	22130-343	21130-343
800	417 x 682	50	700	22130-345	21130-345
GND/earthing for telescopic 19" shelf PU 1 kit, for VARISTAR					23130-140

NOTE

- Cable ducting with cable ties, see page 1.26

01004069

ORDER INFORMATION

Shortened by 100 mm

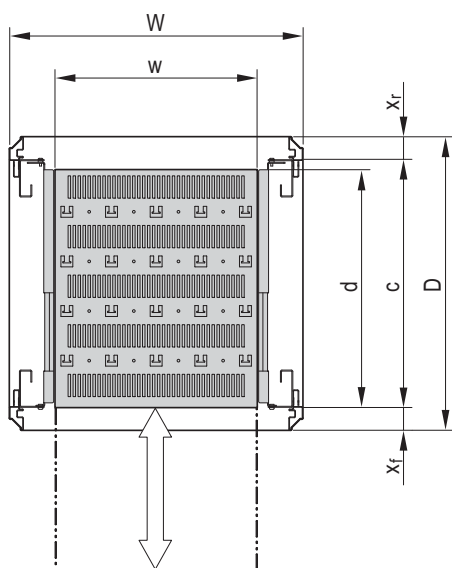
For cabinet depth	Usable surface w x d	x_f	c	RAL 7035 Part no.	RAL 7021 Part no.
mm	mm	mm	mm		
600	417 x 382	50	500	22130-342	21130-342
800	417 x 582	50	700	22130-344	21130-344
GND/earthing for telescopic 19" shelf PU 1 kit, for VARISTAR					23130-140

NOTE

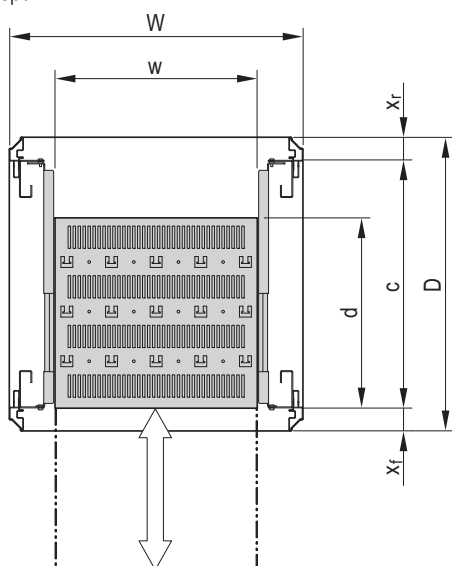
- Cable ducting with cable ties, see page 1.26

01004070

Full depth



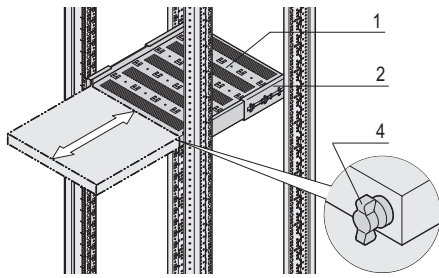
Shortened depth



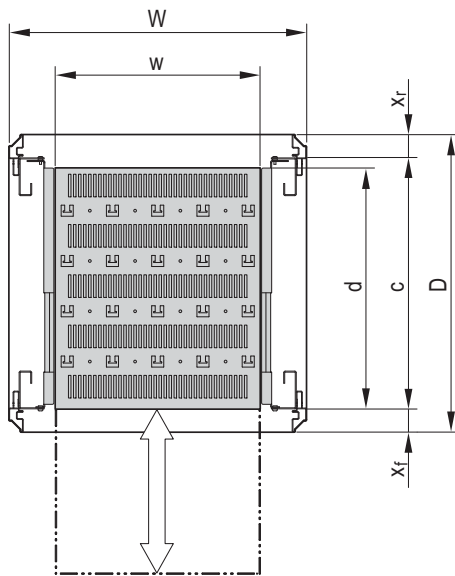
c = max. pitch of the 19" panel/slide mounts
 x_f , x_r = standard assembly dimension

Cabinets – Varistar Electronics

19" TELESCOPIC SHELF, 70 KG

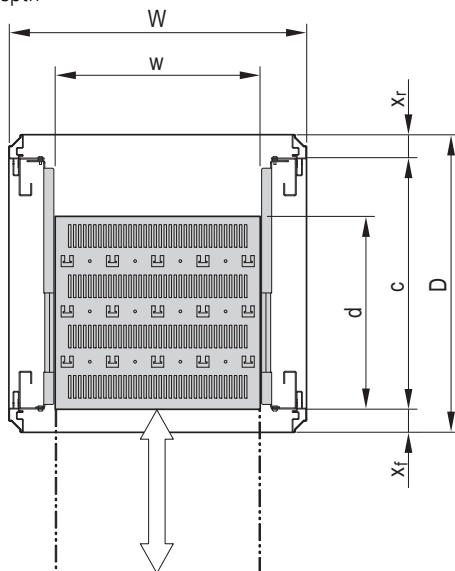


Full depth



c = max. pitch for 19" panel/slidemounts

Shortened depth



c = max. pitch of the 19" slide mounts
 x_f, x_r = standard assembly dimension

- Static load-carrying capacity at full extension 70 kg
- Mounting height 2 U, for mounting on four 19" panel/slide mounts
- Incl. telescopic slides
- Locking with T-bar lock possible
- Hammer head perforation to fix cable ties
- 2 versions
 - Full depth
 - Depth shortened by 100 mm for rear cable ducting

01004071

DELIVERY COMPRISES

Item	Qty	Description
1	1	Perforated shelf, St, 1.5 mm (colour see Order Information)
2	2	Telescopic slide
3	1	Assembly kit

ORDER INFORMATION

Full depth

For cabinet depth	Usable surface $w \times d$	x_f	c	RAL 7035	RAL 7021
mm	mm	mm	mm	Part no.	Part no.
600	405 x 482	50	500	22130-353	21130-353
800	405 x 682	50	700	22130-355	21130-355
Item 4 T-bar lock for 1 telescopic shelf (can be mounted right or left), 1 piece					23130-092
GND/earthing for telescopic 19" shelf PU 1 kit, for VARISTAR					23130-140

NOTE

- Please order T-bar lock (item 4) separately
- Cable ducting with cable ties, see page 1.26

01004069

ORDER INFORMATION

Shortened by 100 mm

For cabinet depth	Usable surface $w \times d$	x_f	c	RAL 7035	RAL 7021
mm	mm	mm	mm	Part no.	Part no.
600	405 x 382	50	500	22130-352	21130-352
800	405 x 582	50	700	22130-354	21130-354
Item 4 T-bar lock for 1 telescopic shelf (can be mounted right or left), 1 piece					23130-092
GND/earthing for telescopic 19" shelf PU 1 kit, for VARISTAR					23130-140

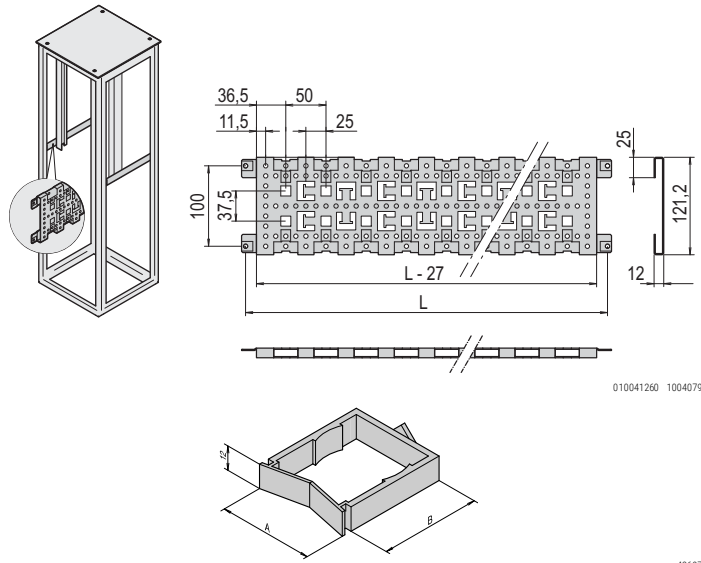
NOTE

- Please order T-bar lock (item 4) separately
- Cable ducting with cable ties, see page 1.26

01004070

Cabinets – Varistar Electronics

DEPTH MEMBER



Cable eye

- For fitting shortened 19" panel/slide mounts and mounting plates
- Cable ducting by means of cable ties and cable eye

DELIVERY COMPRISES

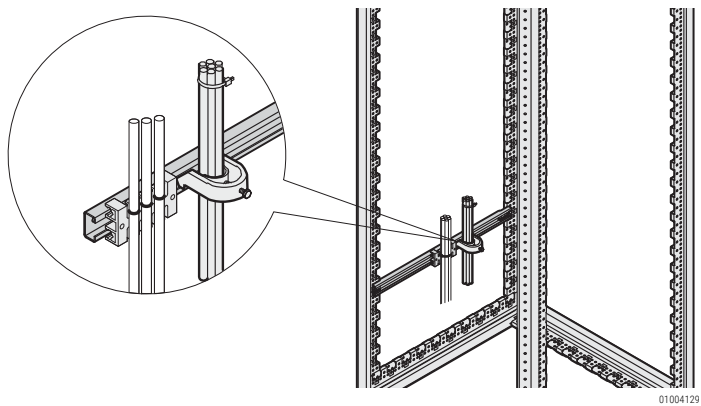
Item	Qty	Description
1	2	Depth member, St, 1.5 mm, finish AlZn
2	1	Assembly kit incl. GND/earthing

ORDER INFORMATION

Description	For cabinet depth mm	Part no.
Depth member	600	23130-081
Depth member	800	23130-082
Cable eye A = 38 mm, B = 25 mm, PU 25 pieces		21101-151
Cable eye A = 47 mm, B = 50 mm, PU 25 pieces		21101-150

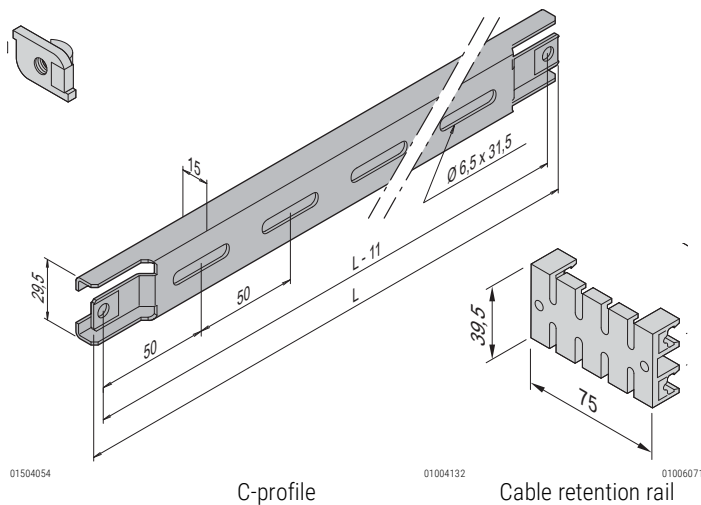
- Cable ducting with cable ties, see page 1.26

C-PROFILE FOR THE CABINET DEPTH



Cable retention rail and cable shell mounted on C-profile

Slide nut



C-profile

Cable retention rail

- For cable ducting in lateral area of cabinet
- For cable shells and cable retention rails

DELIVERY COMPRISES

Item	Qty	Description
1	2	C-profile, St, 1.5 mm, AlZn
2	1	Assembly kit incl. GND/earthing

ORDER INFORMATION

For cabinet depth mm	Length L mm	Part no.
600	460	23130-086
800	660	23130-087

Accessories

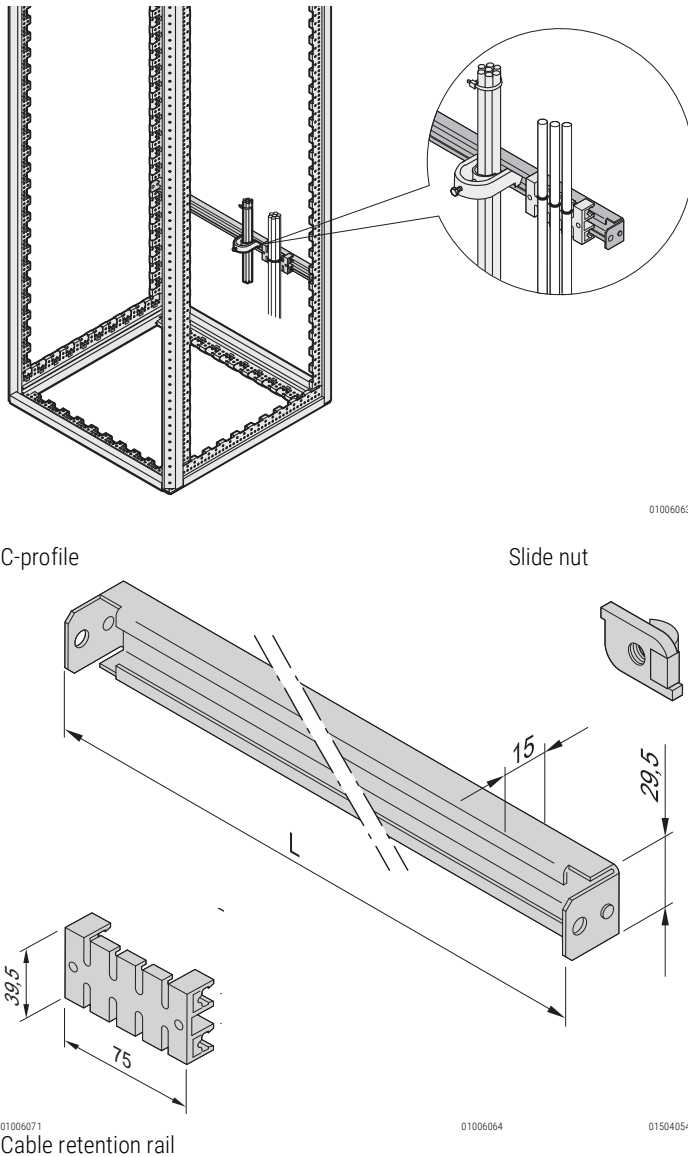
Cable retention rail for C-rail Width 75 mm, length 39.5 mm, PU 5 piece	60118-472
Cable shell for cable bundle 18 ... 22 mm, PU 10 pieces	20118-775
Cable shell for cable bundle 22 ... 26 mm, PU 10 pieces	20118-776
Cable shell for cable bundle 26 ... 30 mm, PU 10 pieces	20118-777
Cable shell for cable bundle 30 ... 34 mm, PU 10 pieces	20114-728
Cable shell for cable bundle 34 ... 38 mm, PU 10 pieces	20114-729
Cable shell for cable bundle 38 ... 42 mm, PU 10 pieces	20114-730
Cable shell for cable bundle 42 ... 46 mm, PU 10 pieces	20114-731
Cable shell for cable bundle 46 ... 50 mm, PU 10 pieces	20118-778
Slide nut for C-profile, PU 10 piece	21120-140

NOTE

- Cable ties and Velcro for cable retention rail see page 1.26

Cabinets – Varistar Electronics

C-PROFILE FOR CABINET WIDTH



- For cable ducting in rear or front area of cabinet
- For cable shells and cable retention rails

DELIVERY COMPRISES

Item	Qty	Description
1	2	C-profile, St, 1.5 mm, finish AlZn
2	1	Assembly kit incl. GND/earthing

ORDER INFORMATION

For cabinet width mm	Length mm	Part no.
600	550	23130-333
800	750	23130-334

Accessories

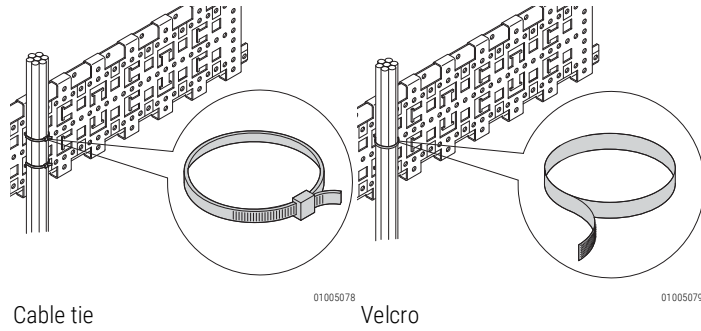
Cable retention rail for C-rail Width 75 mm, length 39.5 mm, PU 5 pieces	60118-472
Cable shell for cable bundle 18 ... 22 mm, PU 10 pieces	20118-775
Cable shell for cable bundle 22 ... 26 mm, PU 10 pieces	20118-776
Cable shell for cable bundle 26 ... 30 mm, PU 10 pieces	20118-777
Cable shell for cable bundle 30 ... 34 mm, PU 10 pieces	20114-728
Cable shell for cable bundle 34 ... 38 mm, PU 10 pieces	20114-729
Cable shell for cable bundle 38 ... 42 mm, PU 10 pieces	20114-730
Cable shell for cable bundle 42 ... 46 mm, PU 10 pieces	20114-731
Cable shell for cable bundle 46 ... 50 mm, PU 10 pieces	20118-778
Slide nut for C-profile, PU 10 pieces	21120-140

NOTE

- Cable ties and Velcro for cable retention rail see page 1.26

Cabinet accessories – Varistar Electronics

CABLE TIES, VELCRO



- Fixing materials kit for cable ducting

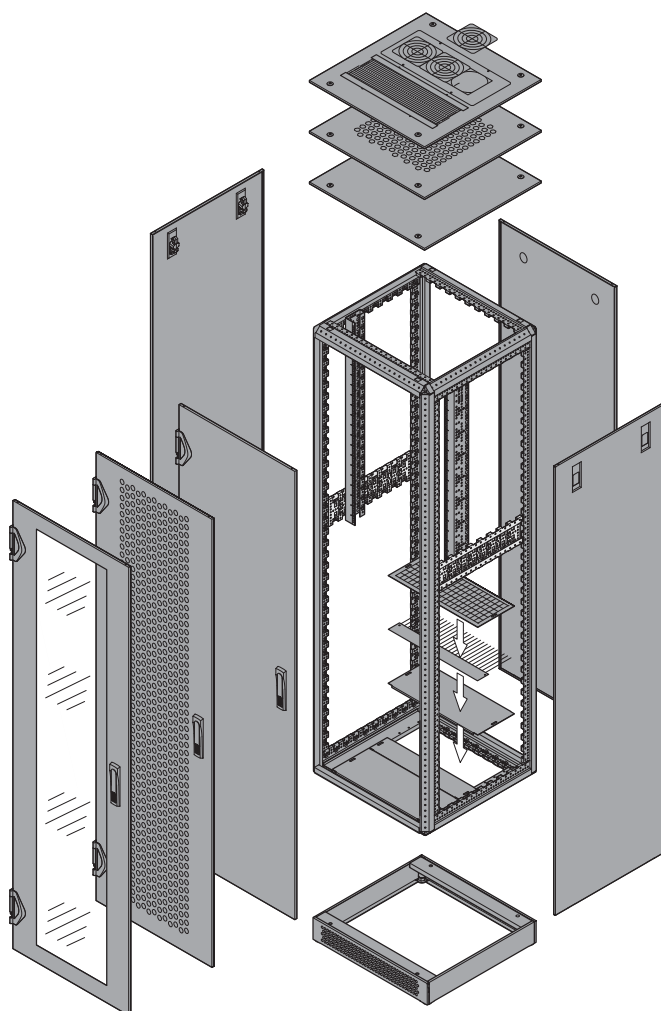
ORDER INFORMATION

Description	Part no.
Cable tie, Plastic, 92 mm x 2.5 mm, PU 25 pieces	20118-351
Cable tie, Plastic, 186 mm x 5 mm, PU 25 pieces	20118-352
Cable tie, Plastic, 360 mm x 5 mm, PU 25 pieces	20118-353
Velcro strip, PE/PA, black, length 300 mm, PU 10 pieces	20118-624

Cabinets – Varistar Electronics

VARISTAR IP 20 SERVICEPLUS: CONFIGURATION AND ASSEMBLY

- Dimensions:
 - Height: 29 ... 47 U (1400 ... 2200 mm)
 - Width: 600 and 800 mm
 - Depth: 300, 600 and 800 mm
- 2 colour combinations:
 - Frame and covers in black grey (RAL 7021)
 - Frame, top cover and base in black grey (RAL 7021); Side panel, door and rear panel in light grey (RAL 7035)
- Build your cabinet out of individual components (please suffix each part number with /05)
- Once you have selected the desired cabinet dimensions, the row number (first column of the configuration tables) will guide you through all subsequent configuration pages that apply to these dimensions (see example below)
- The cabinet is assembled by us and ready for despatch within 10 working days



01004077

Example configuration (here: row 10)

Qty	Description	Order no.
1	Frame Slim-Line, height 2000 mm, width 600 mm, depth 800 mm, 1 piece	20130-019/05
1	Side panel with quick-release fastener, RAL 7021, PU 2 pieces	21130-051/05
2	Safety lock for side panel, PU 4 pieces	23130-132/05
1	Rear panel, screw-fixed, RAL 7021, 1 piece	21130-069/05
1	Glazed door with single point locking, RAL 7021, IP 20, 1 piece	21130-129/05
1	Adjustable feet, PU 4 pieces	23130-079/05

Frames, side-by-side mounting kits, adjustable feet, castors 1.28

Side panels, rear panels 1.29

Decorative frames, glazed doors 1.30

Steel doors 1.31

Double doors 1.32

Flat top covers, lifting eyes 1.33

Flat top cover assemblies with cut-out zones 1.34

Fan top covers 1.35

Bases/plinths 1.36

Connecting plates for short doors/rear panels 1.37

Interior configuration for IP 20 and IP 55

19" panel/slide mounts 1.44

ETSI panel/slide mounts 1.45

Swing frames 1.46

Mounting plate, stationary shelves, 75 kg 1.47

Telescopic shelves, 70 kg 1.48

19" shelves 1 U, fixed 75 kg, telescopic 30 kg 1.49

19" telescopic shelf, 2 U, 70 kg 1.50

Slide rails, depth members 1.51

Cable ductings 1.52

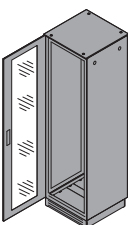
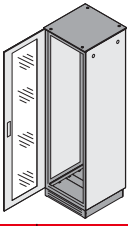
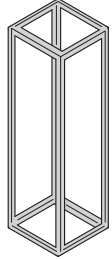
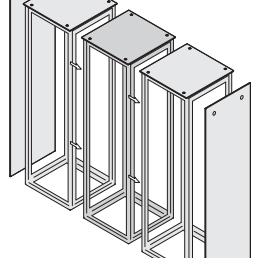
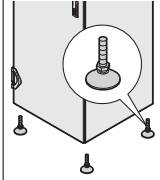
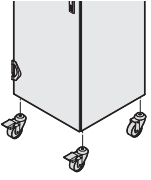
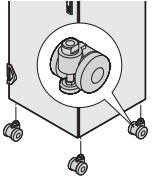
Cable ties, Velcro 1.53

Cabinets – Varistar Electronics

VARISTAR IP 20

FRAMES, SIDE-BY-SIDE MOUNTING KITS, ADJUSTABLE FEET, CASTORS

ORDER INFORMATION

						Frame		Side-by-side mounting kit IP 20	Side-by-side mounting kit IP 55 (with gasketing)	Adjustable feet	Castors	
						Slim-Line 400 kg	Heavy-Duty 800 kg				With 2 jacking feet	With adjustable feet
 Completely in RAL 7021 (black grey)  Colour combination RAL 7035 (light grey)/RAL 7021 (black grey)						 01004078	 01004117	 01004081	 01004082	 01004156		
						static load-carrying capacity: 400 kg, St, 1.5 mm, zinc-plated, with central GND/earthing point; please order adjustable feet or castors separately	static load-carrying capacity: 800 kg, St, 1.5 mm, zinc-plated, with central GND/earthing point; please order adjustable feet or castors separately	side-by-side mounting bracket (4 pieces), St; RAL 7021, not in combination with decorative frame	side-by-side mounting bracket (4 pieces), St, RAL 7021, incl. gasketing to cover the gap between two racks; not in combination with decorative frame	for the frame, static load-carrying capacity: 100 kg, cannot be used with base/plinth	for the frame, static load-carrying capacity: 400 kg, cannot be used with base/plinth	for the frame, static load-carrying capacity: 400 kg, cannot be used with base/plinth
No.	Cabinet dimensions					1 piece assembled	1 piece assembled	PU 1 kit supplied loose	PU 1 kit supplied loose	PU 4 pieces assembled	PU 4 pieces	PU 4 pieces
	Height U	Width mm	Depth mm									
Completely in RAL 7021						RAL 7021	RAL 7021	RAL 7021				
1	29	1400	600	600	20130-005	20130-055		23130-061	23130-062	23130-079	23130-077	23130-078
2	29	1400	600	800	20130-006	20130-056						
3	33	1600	600	600	20130-009	20130-059		23130-061	23130-062	23130-079	23130-077	23130-078
4	33	1600	600	800	20130-010	20130-060						
5	38	1800	600	600	20130-013	20130-063		23130-061	23130-062	23130-079	23130-077	23130-078
6	38	1800	600	800	20130-014	20130-064						
7	38	1800	800	600	20130-015	20130-065		23130-061	23130-062	23130-079	23130-077	23130-078
8	42	2000	600	300	20130-017	–		23130-061	23130-062	23130-079	23130-077	23130-078
9	42	2000	600	600	20130-018	20130-068		23130-061	23130-062	23130-079	23130-077	23130-078
10	42	2000	600	800	20130-019	20130-069						
11	42	2000	800	600	20130-022	20130-072		23130-061	23130-062	23130-079	23130-077	23130-078
12	42	2000	800	800	20130-023	20130-073						
13	47	2200	600	300	20130-026	–		23130-061	23130-062	23130-079	23130-077	23130-078
14	47	2200	600	600	20130-027	20130-077		23130-061	23130-062	23130-079	23130-077	23130-078
15	47	2200	600	800	20130-028	20130-078						
16	47	2200	800	800	20130-032	20130-082		23130-061	23130-062	23130-079	23130-077	23130-078
Colour combinations						RAL 7021	RAL 7021	RAL 7021				
17	29	1400	600	600	20130-005	20130-055		23130-061	23130-062	23130-079	23130-077	23130-078
18	29	1400	600	800	20130-006	20130-056						
19	33	1600	600	600	20130-009	20130-059		23130-061	23130-062	23130-079	23130-077	23130-078
20	33	1600	600	800	20130-010	20130-060						
21	38	1800	600	600	20130-013	20130-063		23130-061	23130-062	23130-079	23130-077	23130-078
22	38	1800	600	800	20130-014	20130-064						
23	38	1800	800	600	20130-015	20130-065		23130-061	23130-062	23130-079	23130-077	23130-078
24	42	2000	600	300	20130-017	–		23130-061	23130-062	23130-079	23130-077	23130-078
25	42	2000	600	600	20130-018	20130-068		23130-061	23130-062	23130-079	23130-077	23130-078
26	42	2000	600	800	20130-019	20130-069						
27	42	2000	800	600	20130-022	20130-072		23130-061	23130-062	23130-079	23130-077	23130-078
28	42	2000	800	800	20130-023	20130-073						
29	47	2200	600	300	20130-026	–		23130-061	23130-062	23130-079	23130-077	23130-078
30	47	2200	600	600	20130-027	20130-077		23130-061	23130-062	23130-079	23130-077	23130-078
31	47	2200	600	800	20130-028	20130-078						
32	47	2200	800	800	20130-032	20130-082		23130-061	23130-062	23130-079	23130-077	23130-078

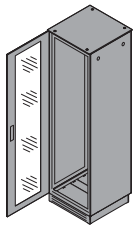
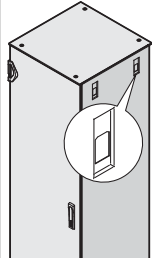
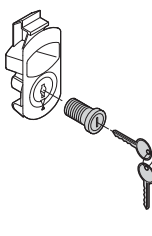
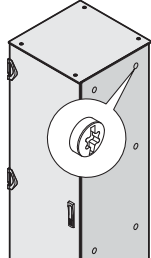
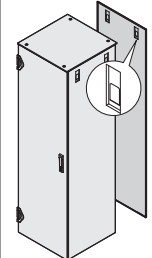
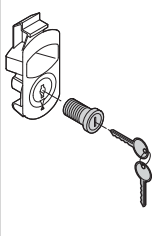
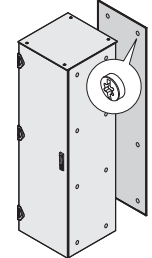
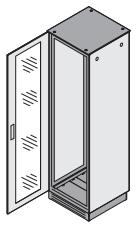
Other dimensions and configurations online (with basket) at www.schroff.biz/conf

Cabinets – Varistar Electronics

VARISTAR IP 20

SIDE PANELS, REAR PANELS

ORDER INFORMATION

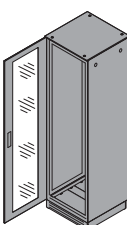
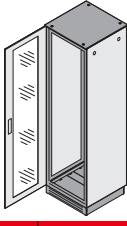
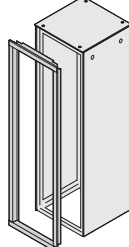
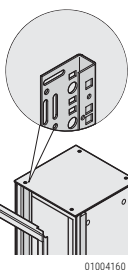
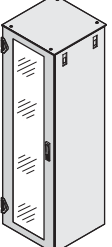
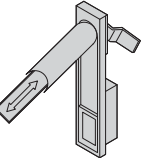
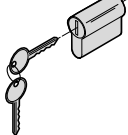
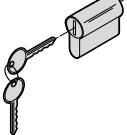
					Side panel		Screw-fixed side panel	Rear panel		Screw-fixed rear panel
					With quick release fastener	Lock		With quick release fastener	Lock	
 Completely in RAL 7021 (black grey)					 01004084	 01004072	 01004083	 01004087	 01004072	 01004085
 Colour combination RAL 7035 (light grey)/RAL 7021 (black grey)					St, 1 mm, incl. GND/earthing, please order lock separately	for quick-release fasteners of one side panel; 4 locks sufficient for 2 side panels	St, 1 mm, incl. GND/earthing	St, 1 mm, incl. GND/earthing, please order lock separately	for quick-release fasteners of rear panel	St, 1 mm, incl. GND/earthing
No.	Cabinet dimensions				PU 2 pieces assembled	PU 4 pieces assembled	PU 2 pieces assembled	1 piece assembled	PU 2 pieces assembled	1 piece assembled
	U	mm	mm	mm						
Completely in RAL 7021					RAL 7021		RAL 7021	RAL 7021		RAL 7021
1	29	1400	600	600	21130-043	23130-132	21130-003	21130-093	23130-133	21130-063
2	29	1400	600	800	21130-044		21130-004			
3	33	1600	600	600	21130-045	23130-132	21130-005	21130-095	23130-133	21130-065
4	33	1600	600	800	21130-046		21130-006			
5	38	1800	600	600	21130-047	23130-132	21130-007	21130-097	23130-133	21130-067
6	38	1800	600	800	21130-048		21130-008			
7	38	1800	800	600	21130-047	23130-132	21130-007	21130-098	23130-133	21130-068
8	42	2000	600	300	21130-049	23130-132	21130-009	21130-099	23130-133	21130-069
9	42	2000	600	600	21130-050	23130-132	21130-010	21130-099	23130-133	21130-069
10	42	2000	600	800	21130-051		21130-011			
11	42	2000	800	600	21130-050	23130-132	21130-010	21130-100	23130-133	21130-070
12	42	2000	800	800	21130-051		21130-011			
13	47	2200	600	300	21130-054	23130-132	21130-014	21130-101	23130-133	21130-071
14	47	2200	600	600	21130-055	23130-132	21130-015	21130-101	23130-133	21130-071
15	47	2200	600	800	21130-056		21130-016			
16	47	2200	800	800	21130-056	23130-132	21130-016	21130-102	23130-133	21130-072
Colour combinations					RAL 7035		RAL 7035	RAL 7035		RAL 7035
17	29	1400	600	600	22130-043	23130-132	22130-003	22130-093	23130-133	22130-063
18	29	1400	600	800	22130-044		22130-004			
19	33	1600	600	600	22130-045	23130-132	22130-005	22130-095	23130-133	22130-065
20	33	1600	600	800	22130-046		22130-006			
21	38	1800	600	600	22130-047	23130-132	22130-007	22130-097	23130-133	22130-067
22	38	1800	600	800	22130-048		22130-008			
23	38	1800	800	600	22130-047	23130-132	22130-007	22130-098	23130-133	22130-068
24	42	2000	600	300	22130-049	23130-132	22130-009	22130-099	23130-133	22130-069
25	42	2000	600	600	22130-050	23130-132	22130-010	22130-099	23130-133	22130-069
26	42	2000	600	800	22130-051		22130-011			
27	42	2000	800	600	22130-050	23130-132	22130-010	22130-100	23130-133	22130-070
28	42	2000	800	800	22130-051		22130-011			
29	47	2200	600	300	22130-054	23130-132	22130-014	22130-101	23130-133	22130-071
30	47	2200	600	600	22130-055	23130-132	22130-015	22130-101	23130-133	22130-071
31	47	2200	600	800	22130-056		22130-016			
32	47	2200	800	800	22130-056	23130-132	22130-016	22130-102	23130-133	22130-072

Cabinets – Varistar Electronics

VARISTAR IP 20

DECORATIVE FRAMES, GLAZED DOORS

ORDER INFORMATION

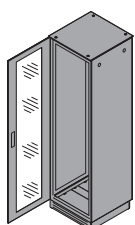
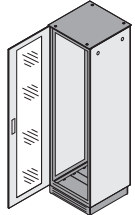
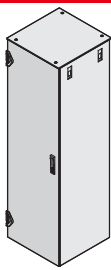
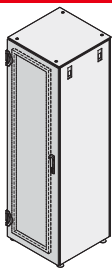
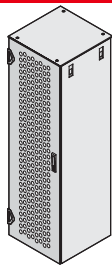
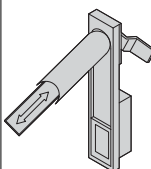
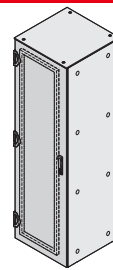
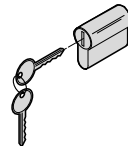
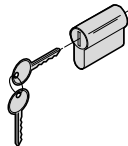
					Deco frame		Adapter bracket		Glazed door		Glazed door		DIN profile half cylinder		DIN profile half cylinder			
					Deco frame		Adapter bracket		Single point locking		Lever handle		3-point locking					
 Completely in RAL 7021 (black grey)  Colour combination RAL 7035 (light grey) / RAL 7021 (black grey)					 01004086 Al, 19" plane integrated, front open, incl. GND/earthing, no door can be fitted		 01004160 St, 2 mm, for deco frame, for assembly of slide rails and shelves		 01004088 St, 1.5 mm, Sekurit glass 6 mm, opening angle 180°, lock cover, incl. GND/earthing		 01004147 with push button for doors with single point locking		 01004091 St, 1.5 mm, Sekurit glass, 6 mm, opening angle 180°, lever handle with push button, incl. GND/earthing		 01004148 for lever handle, common locking, key type 333		 01004148 for lever handle, common locking, key type 2233	
No.	Cabinet dimensions				1 piece assembled	PU 1 pair assembled	1 piece assembled	1 piece assembled	1 piece assembled	1 piece assembled	1 piece assembled	1 piece assembled						
	Height U	Width mm	Depth mm															
Completely in RAL 7021					RAL 7021	RAL 7021	RAL 7021		RAL 7021									
1	29	1400	600	600	21130-232	23130-221	21130-123	23130-067	21130-183	25127-995	60130-402							
2	29	1400	600	800														
3	33	1600	600	600	21130-233	23130-222	21130-125	23130-067	21130-185	25127-995	60130-402							
4	33	1600	600	800														
5	38	1800	600	600	21130-234	23130-223	21130-127	23130-067	21130-187	25127-995	60130-402							
6	38	1800	600	800														
7	38	1800	800	600	–	–	21130-128	23130-067	21130-188	25127-995	60130-402							
8	42	2000	600	300	21130-235	23130-224	21130-129	23130-067	21130-189	25127-995	60130-402							
9	42	2000	600	600	21130-235	23130-224	21130-129	23130-067	21130-189	25127-995	60130-402							
10	42	2000	600	800														
11	42	2000	800	600	–	–	21130-130	23130-067	21130-190	25127-995	60130-402							
12	42	2000	800	800														
13	47	2200	600	300	21130-236	23130-225	21130-131	23130-067	21130-191	25127-995	60130-402							
14	47	2200	600	600	21130-236	23130-225	21130-131	23130-067	21130-191	25127-995	60130-402							
15	47	2200	600	800														
16	47	2200	800	800	–	–	21130-132	23130-067	21130-192	25127-995	60130-402							
Colour combinations					RAL 7035	RAL 7035	RAL 7035		RAL 7035									
17	29	1400	600	600	22130-232	23130-231	22130-123	23130-067	22130-183	25127-995	60130-402							
18	29	1400	600	800														
19	33	1600	600	600	22130-233	23130-232	22130-125	23130-067	22130-185	25127-995	60130-402							
20	33	1600	600	800														
21	38	1800	600	600	22130-234	23130-233	22130-127	23130-067	22130-187	25127-995	60130-402							
22	38	1800	600	800														
23	38	1800	800	600	–	–	22130-128	23130-067	22130-188	25127-995	60130-402							
24	42	2000	600	300	22130-235	23130-234	22130-129	23130-067	22130-189	25127-995	60130-402							
25	42	2000	600	600	22130-235	23130-234	22130-129	23130-067	22130-189	25127-995	60130-402							
26	42	2000	600	800														
27	42	2000	800	600	–	–	22130-130	23130-067	22130-190	25127-995	60130-402							
28	42	2000	800	800														
29	47	2200	600	300	22130-236	23130-235	22130-131	23130-067	22130-191	25127-995	60130-402							
30	47	2200	600	600	22130-236	23130-235	22130-131	23130-067	22130-191	25127-995	60130-402							
31	47	2200	600	800														
32	47	2200	800	800	–	–	22130-132	23130-067	22130-192	25127-995	60130-402							

Cabinets – Varistar Electronics

VARISTAR IP 20

STEEL DOORS

ORDER INFORMATION

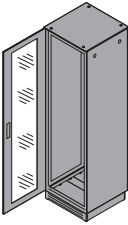
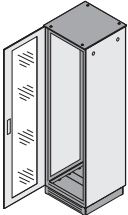
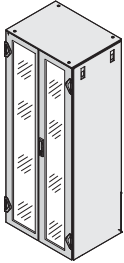
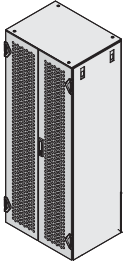
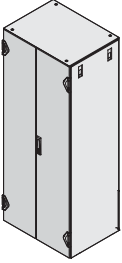
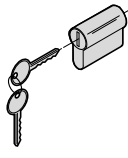
					Steel door, single point locking			Steel door 3-point locking	DIN profile half cylinder	DIN profile half cylinder	
					Plain	Solid, inner surface with mounting frame	Perforated	Lever handle			
 Completely in RAL 7021 (black grey)  Colour combination RAL 7035 (light grey)/RAL 7021 (black grey)					 01004089 St, 1 mm, opening angle 180°, key, incl. GND/earthing	 01008067 St, 1.5 mm, opening angle 180°, lock cover incl. GND/earthing, designed to carry extensive cut-outs and assemblies	 01004090 St, 1.5 mm, opening angle 180°, key, incl. GND/earthing	 01004147 with push button for doors with single point locking	 01008085 St, 1.5 mm, opening angle 180°, inner side with mounting frame, lever handle with built-in push button, incl. GND/earthing	 01004148 for lever handle, common locking, key type 333	 01004148 for lever handle, common locking, key type 2233
No.	Cabinet dimensions				1 piece assembled	1 piece assembled	1 piece assembled	1 piece assembled	1 piece assembled	1 piece assembled	
	Height U	Width mm	Depth mm								
Completely in RAL 7021					RAL 7021	RAL 7021	RAL 7021		RAL 7021		
1	29	1400	600	600	21130-108	21130-568	21130-138	23130-067	21130-153	25127-995	60130-402
2	29	1400	600	800							
3	33	1600	600	600	21130-110	21130-570	21130-140	23130-067	21130-155	25127-995	60130-402
4	33	1600	600	800							
5	38	1800	600	600	21130-112	21130-572	21130-142	23130-067	21130-157	25127-995	60130-402
6	38	1800	600	800							
7	38	1800	800	600	21130-113	21130-573	21130-143	23130-067	21130-158	25127-995	60130-402
8	42	2000	600	300	21130-114	21130-574	21130-144	23130-067	21130-159	25127-995	60130-402
9	42	2000	600	600	21130-114	21130-574	21130-144	23130-067	21130-159	25127-995	60130-402
10	42	2000	600	800							
11	42	2000	800	600	21130-115	21130-575	21130-145	23130-067	21130-160	25127-995	60130-402
12	42	2000	800	800							
13	47	2200	600	300	21130-116	21130-576	21130-146	23130-067	21130-161	25127-995	60130-402
14	47	2200	600	600							
15	47	2200	600	800	21130-116	21130-576	21130-146	23130-067	21130-161	25127-995	60130-402
16	47	2200	800	800	21130-117	21130-577	21130-147	23130-067	21130-162	25127-995	60130-402
Colour combinations					RAL 7035	RAL 7035	RAL 7035		RAL 7035		
17	29	1400	600	600							
18	29	1400	600	800	22130-108	22130-568	22130-138	23130-067	22130-153	25127-995	60130-402
19	33	1600	600	600							
20	33	1600	600	800	22130-110	22130-570	22130-140	23130-067	22130-155	25127-995	60130-402
21	38	1800	600	600							
22	38	1800	600	800	22130-112	22130-572	22130-142	23130-067	22130-157	25127-995	60130-402
23	38	1800	800	600	22130-113	22130-573	22130-143	23130-067	22130-158	25127-995	60130-402
24	42	2000	600	300	22130-114	22130-574	22130-144	23130-067	22130-159	25127-995	60130-402
25	42	2000	600	600							
26	42	2000	600	800	22130-114	22130-574	22130-144	23130-067	22130-159	25127-995	60130-402
27	42	2000	800	600							
28	42	2000	800	800	22130-115	22130-575	22130-145	23130-067	22130-160	25127-995	60130-402
29	47	2200	600	300	22130-116	22130-576	22130-146	23130-067	22130-161	25127-995	60130-402
30	47	2200	600	600							
31	47	2200	600	800	22130-116	22130-576	22130-146	23130-067	22130-161	25127-995	60130-402
32	47	2200	800	800	22130-117	22130-577	22130-147	23130-067	22130-162	25127-995	60130-402

Cabinets – Varistar Electronics

VARISTAR IP 20

DOUBLE DOORS

ORDER INFORMATION

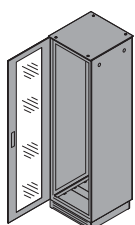
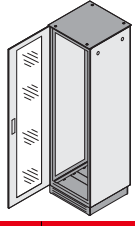
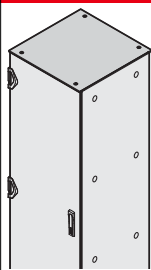
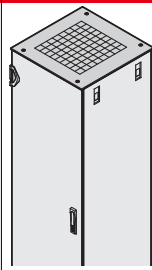
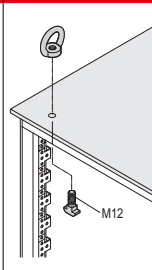
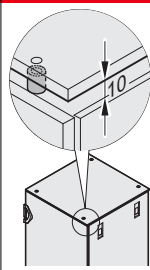
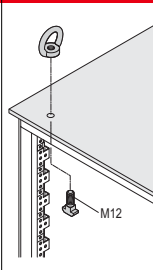
					Double door, 3-point locking			DIN profile half cylinder
					Glazed	Perforated	Plain	
 Completely in RAL 7021 (black grey)  Colour combination RAL 7035 (light grey)/RAL 7021 (black grey)					 01005065 frame, St, 1.5 mm, Securit glass, 6 mm, opening angle 180°, lever handle with push button, incl. GND/earthing	 01005066 St, 1.5 mm, opening angle 180°, lever handle with push button, incl. GND/earthing	 01005064 St, 1.5 mm, opening angle 180°, lever handle with push button, incl. GND/earthing	 01004148 for lever handle, common locking
Cabinet dimensions					1 piece assembled	1 piece assembled	1 piece assembled	1 piece assembled
No.	Height U	Width mm	Depth mm					
Completely in RAL 7021					RAL 7021	RAL 7021	RAL 7021	
1	29	1400	600	600	21130-454	21130-213	21130-486	25127-995
2	29	1400	600	800				
3	33	1600	600	600	21130-456	21130-215	21130-488	25127-995
4	33	1600	600	800				
5	38	1800	600	600	21130-458	21130-217	21130-490	25127-995
6	38	1800	600	800				
7	38	1800	800	600	21130-459	21130-218	21130-491	25127-995
8	42	2000	600	300	21130-460	21130-219	21130-492	25127-995
9	42	2000	600	600	21130-460	21130-219	21130-492	25127-995
10	42	2000	600	800				
11	42	2000	800	600	21130-461	21130-220	21130-493	25127-995
12	42	2000	800	800				
13	47	2200	600	300	21130-462	21130-221	21130-494	25127-995
14	47	2200	600	600	21130-462	21130-221	21130-494	25127-995
15	47	2200	600	800				
16	47	2200	800	800	21130-463	21130-222	21130-495	25127-995
Colour combinations					RAL 7035	RAL 7035	RAL 7035	
17	29	1400	600	600	22130-454	22130-213	22130-486	25127-995
18	29	1400	600	800				
19	33	1600	600	600	22130-456	22130-215	22130-488	25127-995
20	33	1600	600	800				
21	38	1800	600	600	22130-458	22130-217	22130-490	25127-995
22	38	1800	600	800				
23	38	1800	800	600	22130-459	22130-218	22130-491	25127-995
24	42	2000	600	300	22130-460	22130-219	22130-492	25127-995
25	42	2000	600	600	22130-460	22130-219	22130-492	25127-995
26	42	2000	600	800				
27	42	2000	800	600	22130-461	22130-220	22130-493	25127-995
28	42	2000	800	800				
29	47	2200	600	300	22130-462	22130-221	22130-494	25127-995
30	47	2200	600	600	22130-462	22130-221	22130-494	25127-995
31	47	2200	600	800				
32	47	2200	800	800	22130-463	22130-222	22130-495	25127-995

Cabinets – Varistar Electronics

VARISTAR IP 20

FLAT TOP COVERS, LIFTING EYES

ORDER INFORMATION

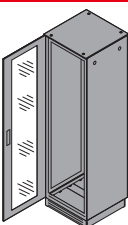
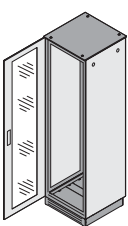
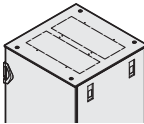
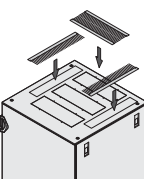
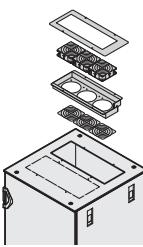
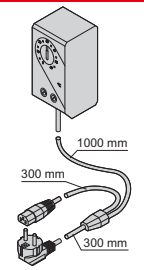
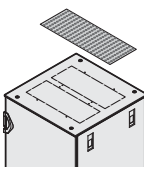
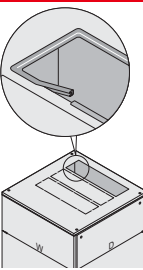
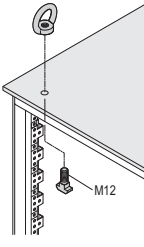
					Flat top cover		Spacer							
					Plain flush top cover	Perforated	Lifting eye	Spacer	Lifting eye					
 Completely in RAL 7021 (black grey)  Colour combination RAL 7035 (light grey)/RAL 7021 (black grey)					 01004096 St, 1.5 mm, incl. GND/earthing		 01004097 St, 1.5 mm, fully perforated, incl. GND/earthing		 01004100 for top cover, applications and load in accordance with DIN 582		 01004099 St, zinc-plated, for raising a top cover by 10 mm		 01004100 for raised flat top cover, application and static load-carrying capacity in accordance with DIN 582	
No.	Cabinet dimensions				1 piece assembled	1 piece assembled	PU 4 pieces assembled	PU 4 pieces assembled	PU 4 pieces assembled					
	Height U	Width mm	Depth mm											
Completely in RAL 7021					RAL 7021	RAL 7021								
1	29	1400	600	600	21130-242	21130-262	23130-072	23130-068	23130-085					
2	29	1400	600	800	21130-243	21130-263								
3	33	1600	600	600	21130-242	21130-262	23130-072	23130-068	23130-085					
4	33	1600	600	800	21130-243	21130-263								
5	38	1800	600	600	21130-242	21130-262	23130-072	23130-068	23130-085					
6	38	1800	600	800	21130-243	21130-263								
7	38	1800	800	600	21130-246	21130-266	23130-072	23130-068	23130-085					
8	42	2000	600	300	21130-241	21130-261	23130-072	23130-068	23130-085					
9	42	2000	600	600	21130-242	21130-262	23130-072	23130-068	23130-085					
10	42	2000	600	800	21130-243	21130-263								
11	42	2000	800	600	21130-246	21130-266	23130-072	23130-068	23130-085					
12	42	2000	800	800	21130-247	21130-267								
13	47	2200	600	300	21130-241	21130-261	23130-072	23130-068	23130-085					
14	47	2200	600	600	21130-242	21130-262	23130-072	23130-068	23130-085					
15	47	2200	600	800	21130-243	21130-263								
16	47	2200	800	800	21130-247	21130-267	23130-072	23130-068	23130-085					
Colour combinations					RAL 7021	RAL 7021								
17	29	1400	600	600	21130-242	21130-262	23130-072	23130-068	23130-085					
18	29	1400	600	800	21130-243	21130-263								
19	33	1600	600	600	21130-242	21130-262	23130-072	23130-068	23130-085					
20	33	1600	600	800	21130-243	21130-263								
21	38	1800	600	600	21130-242	21130-262	23130-072	23130-068	23130-085					
22	38	1800	600	800	21130-243	21130-263								
23	38	1800	800	600	21130-246	21130-266	23130-072	23130-068	23130-085					
24	42	2000	600	300	21130-241	21130-261	23130-072	23130-068	23130-085					
25	42	2000	600	600	21130-242	21130-262	23130-072	23130-068	23130-085					
26	42	2000	600	800	21130-243	21130-263								
27	42	2000	800	600	21130-246	21130-266	23130-072	23130-068	23130-085					
28	42	2000	800	800	21130-247	21130-267								
29	47	2200	600	300	21130-241	21130-261	23130-072	23130-068	23130-085					
30	47	2200	600	600	21130-242	21130-262	23130-072	23130-068	23130-085					
31	47	2200	600	800	21130-243	21130-263								
32	47	2200	800	800	21130-247	21130-267	23130-072	23130-068	23130-085					

Cabinets – Varistar Electronics

VARISTAR IP 20

FLAT TOP COVER ASSEMBLIES WITH CUT-OUT ZONES

ORDER INFORMATION

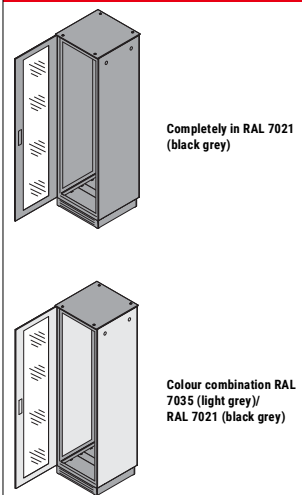
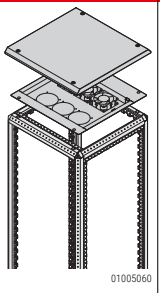
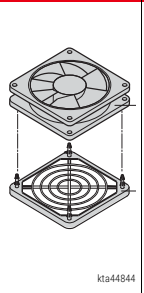
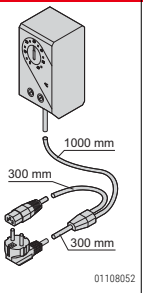
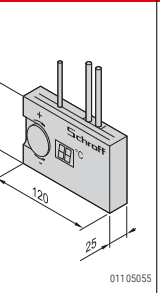
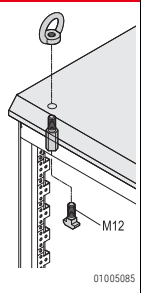
					Flat top cover with cut-out zones	Top cover assemblies					
						Brush strip	Fan insert	Thermostat	Top cover plate, perforated	Edge protection	Lifting eye
 Completely in RAL 7021 (black grey)  Colour combination RAL 7035 (light grey)/RAL 7021 (black grey)					 01004098 St, 1.5 mm, incl. GND/earthing, number of cut-outs and dimension drawings see page 1.9	 01006092 nylon, black, one brush strip covers a lateral cut-out, two brush strips cover a center cut-out	 01004102 230 V_{AC}, with three fans, 410 m³/h, completely wired, connecting cable IEC 320	 01108052 with mains cable 230 V_{AC} (SCHUKO/UTE plug/IEC 60320 C13 socket), adjustment range 0 ... 60°C	 01009056 St, 1.5 mm, 6 mm hole diameter, incl. GND/earthing	 41003065 PVC, 3 m, black, for open cut-out zones	 01004100 for top cover, applications and load in accordance with DIN 582
No.	Cabinet dimensions				1 piece assembled	PU 2 pieces assembled	1 piece assembled	1 piece assembled	1 piece assembled	1 piece enclosed loose	PU 4 pieces assembled
	Height U	Width mm	Depth mm								
Completely in RAL 7021					RAL 7021	RAL 7021			RAL 7021		
1	29	1400	600	600	21130-252	23130-069	23130-070	20118-750	23130-071	28127-281	23130-072
2	29	1400	600	800	21130-253						
3	33	1600	600	600	21130-252	23130-069	23130-070	20118-750	23130-071	28127-281	23130-072
4	33	1600	600	800	21130-253						
5	38	1800	600	600	21130-252	23130-069	23130-070	20118-750	23130-071	28127-281	23130-072
6	38	1800	600	800	21130-253						
7	38	1800	800	600	21130-256	23130-069	23130-070	20118-750	23130-071	28127-281	23130-072
8	42	2000	600	300	–	–	–	–	–	–	–
9	42	2000	600	600	21130-252	23130-069	23130-070	20118-750	23130-071	28127-281	23130-072
10	42	2000	600	800	21130-253						
11	42	2000	800	600	21130-256	23130-069	23130-070	20118-750	23130-071	28127-281	23130-072
12	42	2000	800	800	21130-257						
13	47	2200	600	300	–	–	–	–	–	–	–
14	47	2200	600	600	21130-252	23130-069	23130-070	20118-750	23130-071	28127-281	23130-072
15	47	2200	600	800	21130-253						
16	47	2200	800	800	21130-257	23130-069	23130-070	20118-750	23130-071	28127-281	23130-072
Colour combinations					RAL 7021	RAL 7021			RAL 7021		
17	29	1400	600	600	21130-252	23130-069	23130-070	20118-750	23130-071	28127-281	23130-072
18	29	1400	600	800	21130-253						
19	33	1600	600	600	21130-252	23130-069	23130-070	20118-750	23130-071	28127-281	23130-072
20	33	1600	600	800	21130-253						
21	38	1800	600	600	21130-252	23130-069	23130-070	20118-750	23130-071	28127-281	23130-072
22	38	1800	600	800	21130-253						
23	38	1800	800	600	21130-256	23130-069	23130-070	20118-750	23130-071	28127-281	23130-072
24	42	2000	600	300	–	–	–	–	–	–	–
25	42	2000	600	600	21130-252	23130-069	23130-070	20118-750	23130-071	28127-281	23130-072
26	42	2000	600	800	21130-253						
27	42	2000	800	600	21130-256	23130-069	23130-070	20118-750	23130-071	28127-281	23130-072
28	42	2000	800	800	21130-257						
29	47	2200	600	300	–	–	–	–	–	–	–
30	47	2200	600	600	21130-252	23130-069	23130-070	20118-750	23130-071	28127-281	23130-072
31	47	2200	600	800	21130-253						
32	47	2200	800	800	21130-257	23130-069	23130-070	20118-750	23130-071	28127-281	23130-072

Cabinets – Varistar Electronics

VARISTAR IP 20

FAN TOP COVERS

ORDER INFORMATION

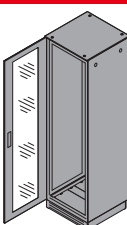
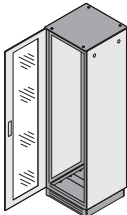
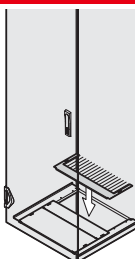
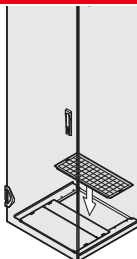
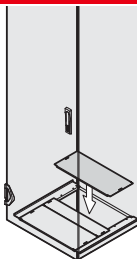
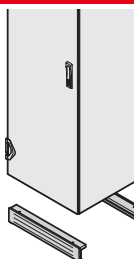
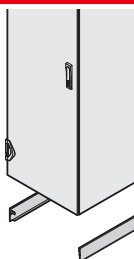
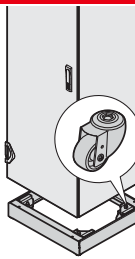
					Fan top cover				
					Top cover for 6 fans	Replacement fan for fan top	Thermostat	Speed control	Lifting eye
 Completely in RAL 7021 (black grey) Colour combination RAL 7035 (light grey)/RAL 7021 (black grey)					 01005060 St, 1.5 mm, raised cover, 3 axial fans, 230 V_{AC}, incl. cabling and GN D/earthing, connecting cable 2.5 m, SCHUKO/IEC 60320 C12 plug	 ksa44844 fan with grille for top assembly, 230 V_{AC}, 38x119x119 mm, for 50 Hz, 162 m³/h	 01108052 with mains cable 230 V_{AC} (SCHUKO/UTE plug/IEC 60320 C13 socket), adjustment range 0 ... 60°C	 01105055 fully wired, 90 ... 264 V_{AC}, input SCHUKO/UTE plug, outlet IEC 60320 C13 socket, external NTC sensor 1.5 m	 01005085 for fan top cover, applications and static load-carrying capacity in accordance with DIN 582
No.	Cabinet dimensions				1 piece assembled	1 piece assembled	1 piece assembled	1 piece assembled	PU 4 pieces assembled
	Height U	Width mm	Depth mm	mm					
Completely in RAL 7021					RAL 7021				
1	29	1400	600	600	21130-400	23130-165	20118-750	60715-005	23130-090
2	29	1400	600	800	21130-401	23130-165	20118-750	60715-005	23130-090
3	33	1600	600	600	21130-400	23130-165	20118-750	60715-005	23130-090
4	33	1600	600	800	21130-401	23130-165	20118-750	60715-005	23130-090
5	38	1800	600	600	21130-400	23130-165	20118-750	60715-005	23130-090
6	38	1800	600	800	21130-401	23130-165	20118-750	60715-005	23130-090
7	38	1800	800	600	21130-402	23130-165	20118-750	60715-005	23130-090
8	42	2000	600	300	–	–	–	–	–
9	42	2000	600	600	21130-400	23130-165	20118-750	60715-005	23130-090
10	42	2000	600	800	21130-401	23130-165	20118-750	60715-005	23130-090
11	42	2000	800	600	21130-402	23130-165	20118-750	60715-005	23130-090
12	42	2000	800	800	21130-403	23130-165	20118-750	60715-005	23130-090
13	47	2200	600	300	–	–	–	–	–
14	47	2200	600	600	21130-400	23130-165	20118-750	60715-005	23130-090
15	47	2200	600	800	21130-401	23130-165	20118-750	60715-005	23130-090
16	47	2200	800	800	21130-403	23130-165	20118-750	60715-005	23130-090
Colour combinations					RAL 7021				
17	29	1400	600	600	21130-400	23130-165	20118-750	60715-005	23130-090
18	29	1400	600	800	21130-401	23130-165	20118-750	60715-005	23130-090
19	33	1600	600	600	21130-400	23130-165	20118-750	60715-005	23130-090
20	33	1600	600	800	21130-401	23130-165	20118-750	60715-005	23130-090
21	38	1800	600	600	21130-400	23130-165	20118-750	60715-005	23130-090
22	38	1800	600	800	21130-401	23130-165	20118-750	60715-005	23130-090
23	38	1800	800	600	21130-402	23130-165	20118-750	60715-005	23130-090
24	42	2000	600	300	–	–	–	–	–
25	42	2000	600	600	21130-400	23130-165	20118-750	60715-005	23130-090
26	42	2000	600	800	21130-401	23130-165	20118-750	60715-005	23130-090
27	42	2000	800	600	21130-402	23130-165	20118-750	60715-005	23130-090
28	42	2000	800	800	21130-403	23130-165	20118-750	60715-005	23130-090
29	47	2200	600	300	–	–	–	–	–
30	47	2200	600	600	21130-400	23130-165	20118-750	60715-005	23130-090
31	47	2200	600	800	21130-401	23130-165	20118-750	60715-005	23130-090
32	47	2200	800	800	21130-403	23130-165	20118-750	60715-005	23130-090

Cabinets – Varistar Electronics

VARISTAR IP 20

BASES/PLINTHS

ORDER INFORMATION

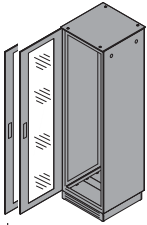
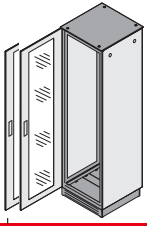
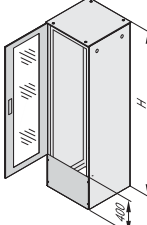
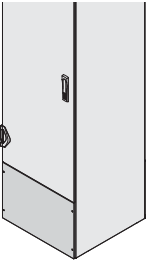
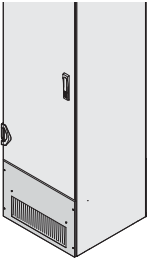
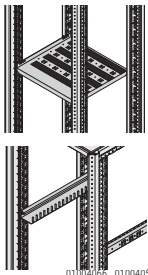
					Base plate					Base/plinth		Base/plinth, mobile
					Base plate, multi-piece	Brush strip	Dust filter set	Cover plate		Base/plinth, ventilated	Side covers	
 Completely in RAL 7021 (black grey)  Colour combination RAL 7035 (light grey)/RAL 7021 (black grey)					 01004104 St, 1.5 mm, multi-piece, opening to rear 200 mm deep (no rear opening with 300 mm cabinet depth), incl. GND/earthing; dimension drawings see page 1.9	 01004105 nylon, black	 01004059 filter mat, white, class M1, in accordance with EN 799-G3	 01004106 St, 1.5 mm, please order gasket IP55 separately	 01004110 support with adjustable feet and 2 trims, perforated, static load-carrying capacity 1000 kg; please order side trims separately	 01004053 St, 1.5 mm	 01004111 support, St, 3 mm, trim, St, 1.5 mm, static load-carrying capacity on castors 400 kg, on adjustable feet 1000 kg	
No.	Cabinet dimensions				1 piece assembled	1 piece assembled	1 piece assembled	1 piece assembled	PU 1 kit assembled	PU 1 pair assembled	1 piece assembled	
	Height U	Width mm	Depth mm									
Completely in RAL 7021					RAL 7021	RAL 7021		RAL 7021	RAL 7021	RAL 7021	RAL 7021	
1	29	1400	600	600	23130-001	23130-074	23130-075	23130-076	23130-187	23130-169	23130-208	
2	29	1400	600	800	23130-002					23130-170	23130-209	
3	33	1600	600	600	23130-001	23130-074	23130-075	23130-076	23130-187	23130-169	23130-208	
4	33	1600	600	800	23130-002					23130-170	23130-209	
5	38	1800	600	600	23130-001	23130-074	23130-075	23130-076	23130-187	23130-169	23130-208	
6	38	1800	600	800	23130-002					23130-170	23130-209	
7	38	1800	800	600	23130-005	23130-134	23130-135	23130-136	23130-194	23130-169	23130-212	
8	42	2000	600	300	23130-009	23130-074	23130-075	–	23130-187	23130-166	–	
9	42	2000	600	600	23130-001	23130-074	23130-075	23130-076	23130-187	23130-169	23130-208	
10	42	2000	600	800	23130-002					23130-170	23130-209	
11	42	2000	800	600	23130-005	23130-134	23130-135	23130-136	23130-194	23130-169	23130-212	
12	42	2000	800	800	23130-006					23130-170	23130-213	
13	47	2200	600	300	23130-009	23130-074	23130-075	–	23130-187	23130-166	–	
14	47	2200	600	600	23130-001	23130-074	23130-075	23130-076	23130-187	23130-169	23130-208	
15	47	2200	600	800	23130-002					23130-170	23130-209	
16	47	2200	800	800	23130-006	23130-134	23130-135	23130-136	23130-194	23130-170	23130-213	
Colour combinations					RAL 7021	RAL 7021		RAL 7021	RAL 7021	RAL 7021	RAL 7021	
17	29	1400	600	600	23130-001	23130-074	23130-075	23130-076	23130-187	23130-169	23130-208	
18	29	1400	600	800	23130-002					23130-170	23130-209	
19	33	1600	600	600	23130-001	23130-074	23130-075	23130-076	23130-187	23130-169	23130-208	
20	33	1600	600	800	23130-002					23130-170	23130-209	
21	38	1800	600	600	23130-001	23130-074	23130-075	23130-076	23130-187	23130-169	23130-208	
22	38	1800	600	800	23130-002					23130-170	23130-209	
23	38	1800	800	600	23130-005	23130-134	23130-135	23130-136	23130-194	23130-169	23130-212	
24	42	2000	600	300	23130-009	23130-074	23130-075	–	23130-187	23130-166	–	
25	42	2000	600	600	23130-001	23130-074	23130-075	23130-076	23130-187	23130-169	23130-208	
26	42	2000	600	800	23130-002					23130-170	23130-209	
27	42	2000	800	600	23130-005	23130-134	23130-135	23130-136	23130-194	23130-169	23130-212	
28	42	2000	800	800	23130-006					23130-170	23130-213	
29	47	2200	600	300	23130-009	23130-074	23130-075	–	23130-187	23130-166	–	
30	47	2200	600	600	23130-001	23130-074	23130-075	23130-076	23130-187	23130-169	23130-208	
31	47	2200	600	800	23130-002					23130-170	23130-209	
32	47	2200	800	800	23130-006	23130-134	23130-135	23130-136	23130-194	23130-170	23130-213	

Cabinets – Varistar Electronics

VARISTAR IP 20

CONNECTING PLATES FOR SHORT DOORS/REAR PANELS

ORDER INFORMATION

	Dimensioning connecting plate door/rear panel	Connecting plate for door and rear panel			Other VARISTAR interior mounting parts
		Plain	With brush strip	Assembly kit	
 Completely in RAL 7021 (black grey)  Colour combination RAL 7035 (light grey)/ RAL 7021 (black grey)	 01005071 door and rear panel must be selected 400 mm shorter than the cabinet height; cannot be used with double door	 01005063 St, 1 mm, assembly also possible at top, height 400 mm, please order assembly kit separately in conjunction with rear panel	 01005069 St, 1 mm, assembly also possible at top, height 400 mm, please order assembly kit separately in conjunction with rear panel	only required if rear panel with quick- release fastener is assembled above the connecting plate	 01004065 01004056 rack shelves, 19" shelves, slide rails, cable ducting
Height mm	Width mm	1 piece assembled	1 piece assembled	PU 1 kit assembled	
Completely in RAL 7021		RAL 7021	RAL 7021		
400	600	21130-472	21130-478	23130-164	from page
400	800	21130-473	21130-479	23130-164	1.44
Colour combinations		RAL 7035	RAL 7035		
400	600	22130-472	22130-478	23130-164	from page
400	800	22130-473	22130-479	23130-164	1.44

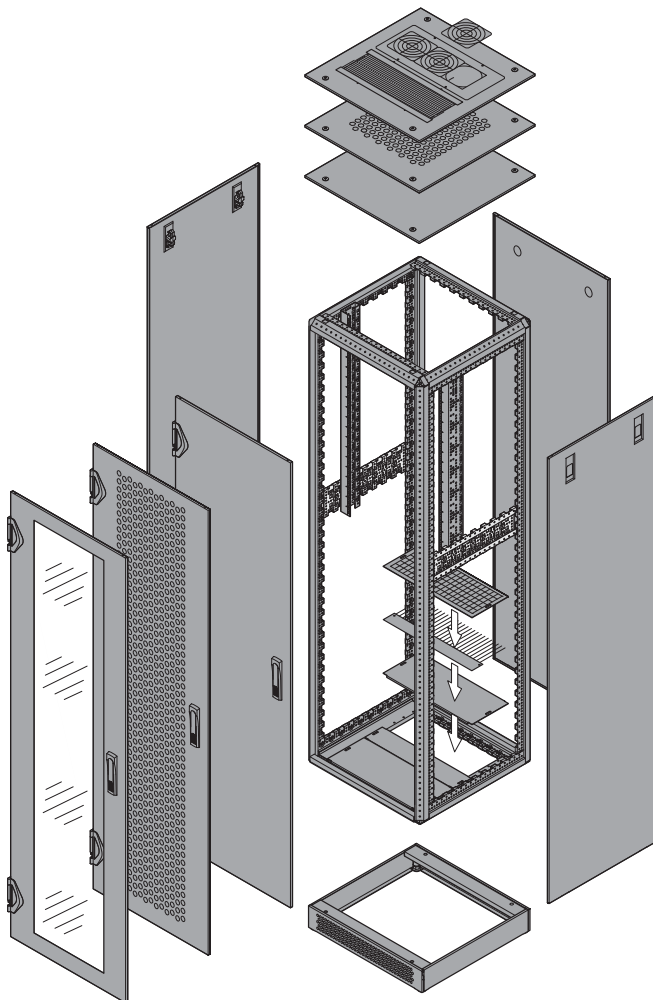
Cabinets – Varistar Electronics



Cabinets – Varistar Electronics

VARISTAR IP 55 SERVICEPLUS: CONFIGURATION AND ASSEMBLY

- Dimensions:
 - Height: 29 ... 47 U (1400 ... 2200 mm)
 - Width: 600 and 800 mm
 - Depth: 300, 600 and 800 mm
- 2 colour combinations:
 - Frame and covers in black grey (RAL 7021)
 - Frame, top cover and base in black grey (RAL 7021); Side panel, door and rear panel in light grey (RAL 7035)
- Build your cabinet out of individual components (please suffix each part number with /05)
- Once you have selected the desired cabinet dimensions, the row number (first column of the configuration tables) will guide you through all subsequent configuration pages that apply to these dimensions (see example below)
- The cabinet is assembled by us and ready for despatch within 10 working days



0100 4077

Example configuration (here: row 10)

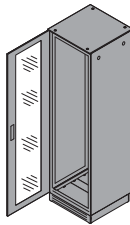
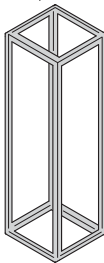
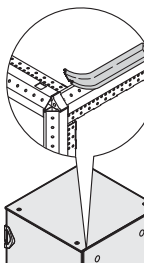
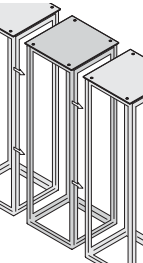
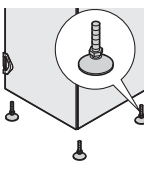
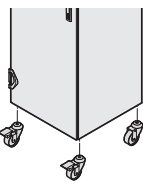
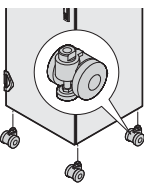
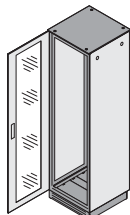
Qty	Description	Part no.
1	Frame Slim-Line, height 2000 mm, width 600 mm, depth 800 mm, 1 piece	20130-019/05
1	IP 55 gasketing kit, 1 piece	23130-064/05
1	Side panel, screw-fixed, RAL 7021, PU 2 pieces	21130-011/05
1	Rear panel, screw-fixed, RAL 7021, 1 piece	21130-069/05
1	Glazed door with 3-point locking, RAL 7021, IP 55, 1 piece	21130-189/05
1	Adjustable feet, PU 4 pieces	23130-079/05
..		

Part number in bold face type: ready for despatch within 2 working days
 Part number in normal type: ready for despatch within 10 working days

	Page
Frames, side-by-side mounting kits, adjustable feet, castors	1.40
Side panels, rear panels, doors, top covers	1.41
Flat top covers, lifting eyes	1.42
Connecting plates for short doors/rear panels	1.43
Interior configuration for IP 20 and IP 55	
19" panel/slide mounts	1.44
ETSI panel/slide mounts	1.45
Swing frames	1.46
Mounting plates, stationary shelves, 75 kg	1.47
Telescopic shelves, 70 kg	1.48
19" shelves 1 U, fixed 75 kg, telescopic 30 kg	1.49
19" telescopic shelves, 2 U, 70 kg	1.50
Slide rails, depth members	1.51
Cable ductings	1.52
Cable ties, Velcro	1.53

Cabinets – Varistar Electronics

VARISTAR IP 55
FRAMES, SIDE-BY-SIDE MOUNTING KITS, ADJUSTABLE FEET, CASTORS
ORDER INFORMATION

		Frame		Gasket kit IP 55	Side-by-side mounting kit IP 55 (with gasketing)	Adjustable feet	Castors	
		Slim-Line 400 kg	Heavy-Duty 800 kg				with 2 jacking feet	with adjustable feet
	Completely in RAL 7021 (black grey)							
		01004078	01004157	01004120	01004081	01004082	01004158	
	Colour combination RAL 7035 (light grey)/ RAL 7021 (black grey)	static load-carrying capacity: 400 kg, St, 1.5 mm, zinc-plated, with central GND/ earthing point; please order adjustable feet or castors separately	static load-carrying capacity: 800 kg, St, 1.5 mm, zinc-plated, with central GND/ earthing point; please order adjustable feet or castors separately	seals are glued to the frame, so that all cladding parts conform to protection type IP 55	side-to-side mounting bracket (4 pieces), St, RAL 7021, incl. gasketing to cover the gap between two racks; cannot be used with decorative frame	for the frame, static load- carrying capacity:10 00 kg, cannot be used with base/ plinth	for the frame, static load- carrying capacity:40 0 kg, cannot be used with base/plinth	for the frame, static load- carrying capacity:40 0 kg, cannot be used with base/plinth

No.	Cabinet dimensions				1 piece assembled	1 piece assembled	PU 1 kit assembled	PU 1 kit supplied loose	PU 4 pieces assembled	PU 4 pieces	PU 4 pieces
	Height U	Width mm	Depth mm	mm							
Completely in RAL 7021					RAL 7021	RAL 7021					
1	29	1400	600	600	20130-005	20130-055	23130-064	23130-062	23130-079	23130-077	23130-078
2	29	1400	600	800	20130-006	20130-056					
3	33	1600	600	600	20130-009	20130-059	23130-064	23130-062	23130-079	23130-077	23130-078
4	33	1600	600	800	20130-010	20130-060					
5	38	1800	600	600	20130-013	20130-063	23130-064	23130-062	23130-079	23130-077	23130-078
6	38	1800	600	800	20130-014	20130-064					
7	38	1800	800	600	20130-015	20130-065	23130-064	23130-062	23130-079	23130-077	23130-078
8	42	2000	600	300	20130-017	–	23130-064	23130-062	23130-079	23130-077	23130-078
9	42	2000	600	600	20130-018	20130-068	23130-064	23130-062	23130-079	23130-077	23130-078
10	42	2000	600	800	20130-019	20130-069					
11	42	2000	800	600	20130-022	20130-072	23130-064	23130-062	23130-079	23130-077	23130-078
12	42	2000	800	800	20130-023	20130-073					
13	47	2200	600	300	20130-026	–	23130-064	23130-062	23130-079	23130-077	23130-078
14	47	2200	600	600	20130-027	20130-077	23130-064	23130-062	23130-079	23130-077	23130-078
15	47	2200	600	800	20130-028	20130-078					
16	47	2200	800	800	20130-032	20130-082	23130-064	23130-062	23130-079	23130-077	23130-078
Colour combinations					RAL 7021	RAL 7021					
17	29	1400	600	600	20130-005	20130-055	23130-064	23130-062	23130-079	23130-077	23130-078
18	29	1400	600	800	20130-006	20130-056					
19	33	1600	600	600	20130-009	20130-059	23130-064	23130-062	23130-079	23130-077	23130-078
20	33	1600	600	800	20130-010	20130-060					
21	38	1800	600	600	20130-013	20130-063	23130-064	23130-062	23130-079	23130-077	23130-078
22	38	1800	600	800	20130-014	20130-064					
23	38	1800	800	600	20130-015	20130-065	23130-064	23130-062	23130-079	23130-077	23130-078
24	42	2000	600	300	20130-017	–	23130-064	23130-062	23130-079	23130-077	23130-078
25	42	2000	600	600	20130-018	20130-068	23130-064	23130-062	23130-079	23130-077	23130-078
26	42	2000	600	800	20130-019	20130-069					
27	42	2000	800	600	20130-022	20130-072	23130-064	23130-062	23130-079	23130-077	23130-078
28	42	2000	800	800	20130-023	20130-073					
29	47	2200	600	300	20130-026	–	23130-064	23130-062	23130-079	23130-077	23130-078
30	47	2200	600	600	20130-027	20130-077	23130-064	23130-062	23130-079	23130-077	23130-078
31	47	2200	600	800	20130-028	20130-078					
32	47	2200	800	800	20130-032	20130-082	23130-064	23130-062	23130-079	23130-077	23130-078

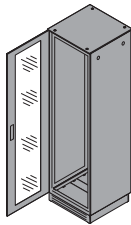
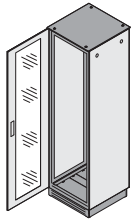
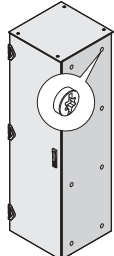
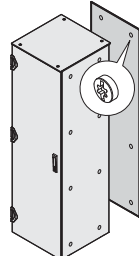
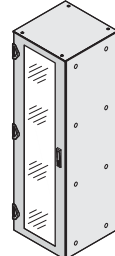
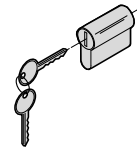
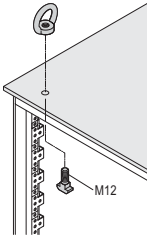
Other dimensions and configurations online (with basket) at www.schroff.biz/conf

Cabinets – Varistar Electronics

VARISTAR IP 55

SIDE PANELS, REAR PANELS, DOORS, TOP COVERS

ORDER INFORMATION

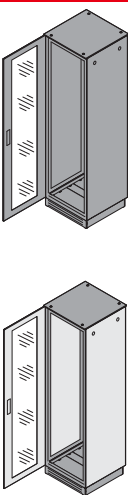
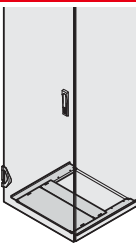
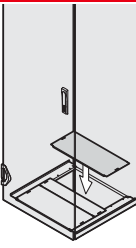
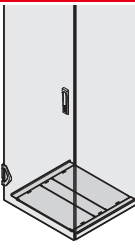
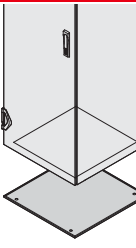
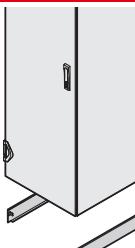
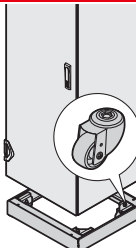
					Screw-fixed side panel	Screw-fixed rear panel	Glazed door 3-point locking	Steel door 3-point locking	DIN profile half cylinder	Plain flush top cover								
										Flat top cover	Lifting eye							
 Completely in RAL 7021 (black grey)  Colour combination RAL 7035 (light grey)/RAL 7021 (black grey)					 01004083 St, 1 mm, incl. GND/earthing		 01004085 St, 1 mm, incl. GND/earthing		 01004091 St, 1.5 mm, Sekurit glass, 6 mm, opening angle 180°, lever handle with push button, incl. GND/earthing		 01008085 St, 1.5 mm, opening angle 180°, inner side with mounting frame, lever handle with built-in push button, incl. GND/earthing		 01004148 for lever handle, common locking		 01004096 St, 1.5 mm, incl. GND/earthing		 01004100 for top cover, applications and load in compliance with DIN 582	
No.	Cabinet dimensions				PU 2 pieces assembled	1 piece assembled	1 piece assembled	1 piece assembled	1 piece assembled	1 piece assembled	PU 4 pieces assembled							
	U	mm	mm	mm														
Completely in RAL 7021					RAL 7021	RAL 7021	RAL 7021	RAL 7021	RAL 7021	RAL 7021								
1	29	1400	600	600	21130-003	21130-063	21130-183	21130-153	25127-995	21130-242	23130-072							
2	29	1400	600	800	21130-004					21130-243								
3	33	1600	600	600	21130-005	21130-065	21130-185	21130-155	25127-995	21130-242	23130-072							
4	33	1600	600	800	21130-006					21130-243								
5	38	1800	600	600	21130-007	21130-067	21130-187	21130-157	25127-995	21130-242	23130-072							
6	38	1800	600	800	21130-008					21130-243								
7	38	1800	800	600	21130-007	21130-068	21130-188	21130-158	25127-995	21130-246	23130-072							
8	42	2000	600	300	21130-009	21130-069	21130-189	21130-159	25127-995	21130-241	23130-072							
9	42	2000	600	600	21130-010	21130-069	21130-189	21130-159	25127-995	21130-242	23130-072							
10	42	2000	600	800	21130-011					21130-243								
11	42	2000	800	600	21130-010	21130-070	21130-190	21130-160	25127-995	21130-246	23130-072							
12	42	2000	800	800	21130-011					21130-247								
13	47	2200	600	300	21130-014	21130-071	21130-191	21130-161	25127-995	21130-241	23130-072							
14	47	2200	600	600	21130-015	21130-071	21130-191	21130-161	25127-995	21130-242	23130-072							
15	47	2200	600	800	21130-016					21130-243								
16	47	2200	800	800	21130-016	21130-072	21130-192	21130-162	25127-995	21130-247	23130-072							
Colour combinations					RAL 7035	RAL 7035	RAL 7035	RAL 7035		RAL 7021								
17	29	1400	600	600	22130-003	22130-063	22130-183	22130-153	25127-995	21130-242	23130-072							
18	29	1400	600	800	22130-004					21130-243								
19	33	1600	600	600	22130-005	22130-065	22130-185	22130-155	25127-995	21130-242	23130-072							
20	33	1600	600	800	22130-006					21130-243								
21	38	1800	600	600	22130-007	22130-067	22130-187	22130-157	25127-995	21130-242	23130-072							
22	38	1800	600	800	22130-008					21130-243								
23	38	1800	800	600	22130-007	22130-068	22130-188	22130-158	25127-995	21130-246	23130-072							
24	42	2000	600	300	22130-009	22130-069	22130-189	22130-159	25127-995	21130-241	23130-072							
25	42	2000	600	600	22130-010	22130-069	22130-189	22130-159	25127-995	21130-242	23130-072							
26	42	2000	600	800	22130-011					21130-243								
27	42	2000	800	600	22130-010	22130-070	22130-190	22130-160	25127-995	21130-246	23130-072							
28	42	2000	800	800	22130-011					21130-247								
29	47	2200	600	300	22130-014	22130-071	22130-191	22130-161	25127-995	21130-241	23130-072							
30	47	2200	600	600	22130-015	22130-071	22130-191	22130-161	25127-995	21130-242	23130-072							
31	47	2200	600	800	22130-016					21130-243								
32	47	2200	800	800	22130-016	22130-072	22130-192	22130-162	25127-995	21130-247	23130-072							

Cabinets – Varistar Electronics

VARISTAR IP 55

FLAT TOP COVERS, LIFTING EYES

ORDER INFORMATION

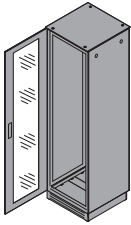
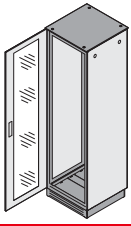
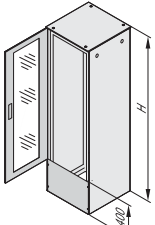
						Base plate	Cover plate	Seal IP 55	Base plate, one-piece, EMC, IP 55	Base/plinth	Side cover	Base/plinth, mobile
						Base plate, multi-piece				Base/plinth, ventilated		
 Completely in RAL 7021 (black grey) Colour combination RAL 7035 (light grey) / RAL 7021 (black grey)						 01004104 St, 1.5 mm, multi-piece, opening to rear 200 mm deep (no rear opening with 300 mm cabinet depth), incl. GND/earthing, dimension drawings see page 1.9	 01004106 St, 1.5 mm, please order gasket IP55 separately	 01004073 for base plate with cover	 01004051 AlZn, 1.5 mm, incl. GND/earthing, assembly from outside	 01004110 support with adjustable feet and 2 trims, perforated, static load-carrying capacity 1000 kg; please order side trims separately	 01004053 St, 1.5 mm	 01004111 support, St, 3 mm, trim, St, 1.5 mm, static load-carrying capacity on castors 400 kg, on adjustable feet 1000 kg
No.	Cabinet dimensions					1 piece assembled	1 piece assembled	1 piece assembled	1 piece assembled	PU 1 kit assembled	PU 1 pair assembled	1 piece assembled
	Height U	Width mm	Depth mm									
Completely in RAL 7021						RAL 7021	RAL 7021		AlZn	RAL 7021	RAL 7021	RAL 7021
1	29	1400	600	600		23130-001	23130-076	23130-073	21130-281	23130-187	23130-169	23130-208
2	29	1400	600	800		23130-002			21130-282		23130-170	23130-209
3	33	1600	600	600		23130-001	23130-076	23130-073	21130-281	23130-187	23130-169	23130-208
4	33	1600	600	800		23130-002			21130-282		23130-170	23130-209
5	38	1800	600	600		23130-001	23130-076	23130-073	21130-281	23130-187	23130-169	23130-208
6	38	1800	600	800		23130-002			21130-282		23130-170	23130-209
7	38	1800	800	600		23130-005	23130-036	23130-073	21130-283	23130-194	23130-169	23130-212
8	42	2000	600	300		23130-009	–	23130-073	21130-285	23130-187	23130-166	–
9	42	2000	600	600		23130-001	23130-076	23130-073	21130-281	23130-187	23130-169	23130-208
10	42	2000	600	800		23130-002			21130-282		23130-170	23130-209
11	42	2000	800	600		23130-005	23130-036	23130-073	21130-283	23130-194	23130-169	23130-212
12	42	2000	800	800		23130-006			21130-284		23130-170	23130-213
13	47	2200	600	300		23130-009	–	23130-073	21130-285	23130-187	23130-166	–
14	47	2200	600	600		23130-001	23130-076	23130-073	21130-281	23130-187	23130-169	23130-208
15	47	2200	600	800		23130-002			21130-282		23130-170	23130-209
16	47	2200	800	800		23130-006	23130-076	23130-073	21130-284	23130-194	23130-170	23130-213
Colour combinations						RAL 7021	RAL 7021		AlZn	RAL 7021	RAL 7021	RAL 7021
17	29	1400	600	600		23130-001	23130-076	23130-073	21130-281	23130-187	23130-169	23130-208
18	29	1400	600	800		23130-002			21130-282		23130-170	23130-209
19	33	1600	600	600		23130-001	23130-076	23130-073	21130-281	23130-187	23130-169	23130-208
20	33	1600	600	800		23130-002			21130-282		23130-170	23130-209
21	38	1800	600	600		23130-001	23130-076	23130-073	21130-281	23130-187	23130-169	23130-208
22	38	1800	600	800		23130-002			21130-282		23130-170	23130-209
23	38	1800	800	600		23130-005	23130-036	23130-073	21130-283	23130-194	23130-169	23130-212
24	42	2000	600	300		23130-009	–	23130-073	21130-285	23130-187	23130-166	–
25	42	2000	600	600		23130-001	23130-076	23130-073	21130-281	23130-187	23130-169	23130-208
26	42	2000	600	800		23130-002			21130-282		23130-170	23130-209
27	42	2000	800	600		23130-005	23130-036	23130-073	21130-283	23130-194	23130-169	23130-212
28	42	2000	800	800		23130-006			21130-284		23130-170	23130-213
29	47	2200	600	300		23130-009	–	23130-073	21130-285	23130-187	23130-166	–
30	47	2200	600	600		23130-001	23130-076	23130-073	21130-281	23130-187	23130-169	23130-208
31	47	2200	600	800		23130-002			21130-282		23130-170	23130-209
32	47	2200	800	800		23130-006	23130-076	23130-073	21130-284	23130-194	23130-170	23130-213

Cabinets – Varistar Electronics

VARISTAR IP 55

CONNECTING PLATES FOR SHORT DOORS/REAR PANELS

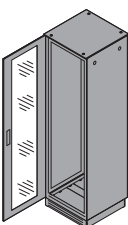
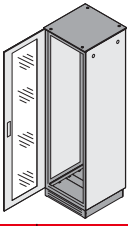
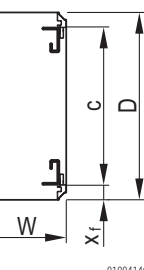
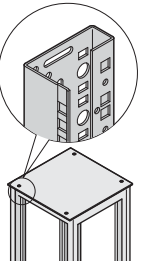
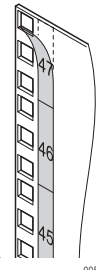
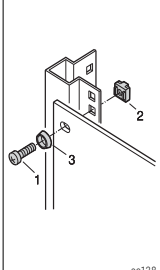
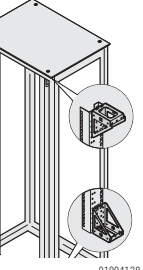
ORDER INFORMATION

	Dimensioning connecting plate door/rear panel	Connecting plate
 Completely in RAL 7021 (black grey)  Colour combination RAL 7035 (light grey)/ RAL 7021 (black grey)	 01005071 door and rear panel must be selected 400 mm shorter than the cabinet height; cannot be used with double door	 01005072 St, 1 mm, can also be fitted in upper part, height 400 mm, with assembly kit
Height Width mm mm		1 piece assembled
Completely in RAL 7021		RAL 7021
400 600		21130-504
400 800		21130-505
Colour combinations		RAL 7035
400 600		22130-504
400 800		22130-505

Cabinets – Varistar Electronics

INTERIOR MOUNTING 19" PANEL/SLIDE MOUNTS

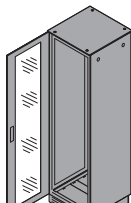
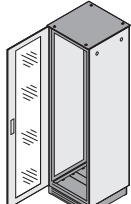
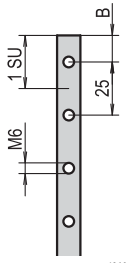
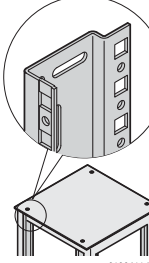
ORDER INFORMATION

					Dimension Standard fitting		19" panel/slide mounts EIA		U height identification for 19" panel/slide mount	19" assembly kit M6	Adapter bracket for reduced width
							Painted RAL 7021	AlZn			
 					 01004146		 01004112		 00505050	 sc128	 01004128
					x_f = distance from front c = pitch of 19" panel/slide mounts D = cabinet depth W = cabinet width		St, 1.75 mm; reduced-width adapter bracket required for 800 mm width; depth members are required for partial-height mounting		paper strip, white, serial numbered from 1 ... 47 H	assembly kit: item 1: screws, item 2: cage nuts, item 3: washers	St, 2 mm, finish AlZn, for fixing the 19" panel/slide mounts in 800 mm wide cabinets
No.	Cabinet dimensions				x_f mm	c mm			PU 4 pieces assembled	PU 50 pieces supplied loose	PU 4 pieces assembled
	Height U	Width mm	Depth mm				PU 1 pair assembled	PU 1 pair assembled			
Completely in RAL 7021							RAL 7021	AlZn			AlZn
1	29	1400	600	600	50	500	23130-012	23130-032	25127-997	21101-809	–
2	29	1400	600	800	50	700					
3	33	1600	600	600	50	500	23130-013	23130-033	25127-997	21101-809	–
4	33	1600	600	800	50	700					
5	38	1800	600	600	50	500	23130-014	23130-034	25127-997	21101-809	–
6	38	1800	600	800	50	700					
7	38	1800	800	600	50	500	23130-014	23130-034	25127-997	21101-809	23130-091
8	42	2000	600	300	50	200	23130-015	23130-035	25127-997	21101-809	–
9	42	2000	600	600	50	500	23130-015	23130-035	25127-997	21101-809	–
10	42	2000	600	800	50	700					
11	42	2000	800	600	50	500	23130-015	23130-035	25127-997	21101-809	23130-091
12	42	2000	800	800	150	500					
13	47	2200	600	300	50	200	23130-016	23130-036	25127-997	21101-809	–
14	47	2200	600	600	50	500	23130-016	23130-036	25127-997	21101-809	–
15	47	2200	600	800	50	700					
16	47	2200	800	800	150	500	23130-016	23130-036	25127-997	21101-809	23130-091
Colour combinations							RAL 7035	AlZn			AlZn
17	29	1400	600	600	50	500	23130-022	23130-032	25127-997	21101-809	–
18	29	1400	600	800	50	700					
19	33	1600	600	600	50	500	23130-023	23130-033	25127-997	21101-809	–
20	33	1600	600	800	50	700					
21	38	1800	600	600	50	500	23130-024	23130-034	25127-997	21101-809	–
22	38	1800	600	800	50	700					
23	38	1800	800	600	50	500	23130-024	23130-034	25127-997	21101-809	23130-091
24	42	2000	600	300	50	200	23130-025	23130-035	25127-997	21101-809	–
25	42	2000	600	600	50	500	23130-025	23130-035	25127-997	21101-809	–
26	42	2000	600	800	50	700					
27	42	2000	800	600	50	500	23130-025	23130-035	25127-997	21101-809	23130-091
28	42	2000	800	800	150	500					
29	47	2200	600	300	50	200	23130-026	23130-036	25127-997	21101-809	–
30	47	2200	600	600	50	500	23130-026	23130-036	25127-997	21101-809	–
31	47	2200	600	800	50	700					
32	47	2200	800	800	150	500	23130-026	23130-036	25127-997	21101-809	23130-091

Cabinets – Varistar Electronics

INTERIOR MOUNTING ETSI PANEL/SLIDE MOUNTS

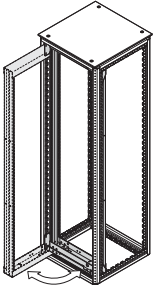
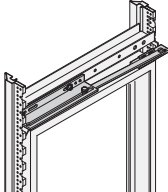
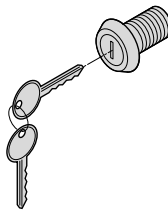
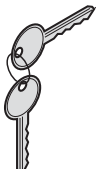
ORDER INFORMATION

					ETSI panel/slide mount			
					Dimensions	Panel/slide mount		
 Completely in RAL 7021 (black grey)  Colour combination RAL 7035 (light grey)/RAL 7021 (black grey)					 0043693 in accordance with ETS 300119-3 and IEC 60917-211; SU = 25 mm		 01004114 St, 2 mm, Al-Zn finish, suitable only for Slim-Line frame; shelves available on request	
Cabinet dimensions								
No.	Height U	Width mm	Depth mm	Height SU	PU 1 pair assembled			
Completely in RAL 7021					AlZn			
1	29	1400	600	600	50	23130-052		
2	29	1400	600	800	50			
3	33	1600	600	600	60	23130-053		
4	33	1600	600	800	60			
5	38	1800	600	600	68	23130-054		
6	38	1800	600	800	68			
7	38	1800	800	600	68	23130-054		
8	42	2000	600	300	76	23130-055		
9	42	2000	600	600	76	23130-055		
10	42	2000	600	800	76			
11	42	2000	800	600	76	23130-055		
12	42	2000	800	800	76			
13	47	2200	600	300	84	23130-056		
14	47	2200	600	600	84	23130-056		
15	47	2200	600	800	84			
16	47	2200	800	800	84	23130-056		
Colour combinations					AlZn			
17	29	1400	600	600	50	23130-052		
18	29	1400	600	800	50			
19	33	1600	600	600	60	23130-053		
20	33	1600	600	800	60			
21	38	1800	600	600	68	23130-054		
22	38	1800	600	800	68			
23	38	1800	800	600	68	23130-054		
24	42	2000	600	300	76	23130-055		
25	42	2000	600	600	76	23130-055		
26	42	2000	600	800	76			
27	42	2000	800	600	76	23130-055		
28	42	2000	800	800	76			
29	47	2200	600	300	84	23130-056		
30	47	2200	600	600	84	23130-056		
31	47	2200	600	800	84			
32	47	2200	800	800	84	23130-056		

Cabinets – Varistar Electronics

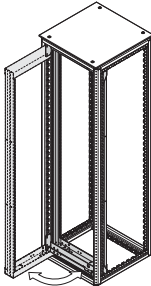
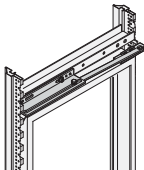
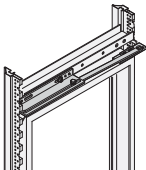
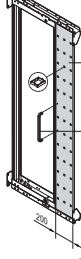
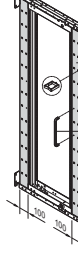
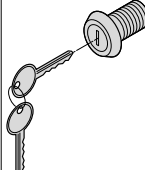
INTERIOR MOUNTING SWING FRAMES FOR CABINET WIDTH 600 MM

ORDER INFORMATION

			Swing frame	Slide rail for swing frame	Stop 120°	Safety lock	Spare key
			 01005070 St, 2 mm, RAL 7021, load-carrying capacity: 150 kg, 120° hinge, square locks incl. 2 keys	 01018051	 01005061 St; for safety reasons a swing frame stop is recommended	 01015060 for swing frame, instead of square lock, incl. 2 keys	 01015059
Height	Usable height	Width	1 piece assembled	PU 2 pieces assembled	PU 1 kit assembled	1 piece assembled	PU 2 pieces supplied loose
U	U	mm					
Partial height	12	600	21130-740	23130-183	23130-158	60113-267	60220-003
	21	600	21130-741	23130-183	23130-158	60113-267	60220-003
29	25	600	21130-742	23130-183	23130-158	60113-267	60220-003
33	30	600	21130-743	23130-183	23130-158	60113-267	60220-003
38	34	600	21130-744	23130-183	23130-158	60113-267	60220-003
42	39	600	21130-745	23130-183	23130-158	60113-267	60220-003
47	43	600	21130-746	23130-183	23130-158	60113-267	60220-003

INTERIOR MOUNTING SWING FRAMES FOR CABINET WIDTH 800 MM

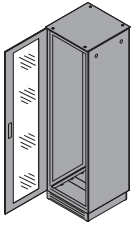
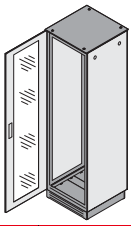
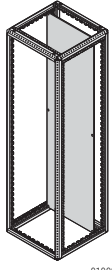
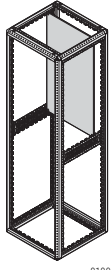
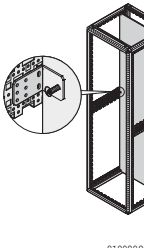
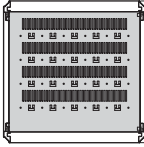
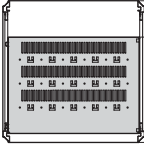
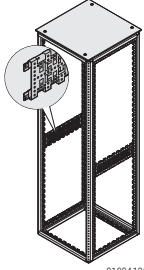
ORDER INFORMATION

			Swing frame 120°		Swing frame 160°		Slide rail for swing frame	Swing frame trim		Safety lock
			Swing frame 120°	Stop 120°	Swing frame 160°	Stop 160°		Asymmetrical assembly	Symmetrical assembly	
			 01005070	 01005061	 01005070	 01005061	 01015060	 01005058	 01005057	 01015060
			St, 2 mm, RAL 7021, load-carrying capacity 150 kg, 120° hinge, square locks incl. 2 keys (Dimension)	St; for safety reasons a swing frame stop is recommended	St, 2 mm, RAL 7021, load-carrying capacity 150 kg, 160° hinge, square locks incl. 2 keys	St, swing frame stop is recommended for safety reasons		St, 1.5 mm, RAL 7021, trim (item 1, width 200 mm) incl. handle (item 2) and cut-out for cable eyes	St, 1.5 mm, RAL 7021, trim (item 1, 2 x width 100 mm) incl. handle (item 2) and cut-out for cable eyes	for swing frame, instead of square lock, incl. 2 keys
Height	Usable height	Width	1 piece assembled	PU 1 kit assembled	1 piece assembled	PU 1 kit assembled	PU 2 pieces assembled	1 piece assembled	PU 2 pieces assembled	1 piece assembled
U	U	mm								
Partial height	12	800	21130-747	23130-158	21130-761	23130-159	23130-184	–	–	60113-267
	21	800	21130-748	23130-158	21130-762	23130-159	23130-184	21130-432	21130-442	60113-267
29	25	800	21130-749	23130-158	21130-763	23130-159	23130-184	21130-433	21130-443	60113-267
33	30	800	21130-750	23130-158	21130-764	23130-159	23130-184	21130-434	21130-444	60113-267
38	34	800	21130-751	23130-158	21130-765	23130-159	23130-184	21130-435	21130-445	60113-267
42	39	800	21130-752	23130-158	21130-766	23130-159	23130-184	21130-436	21130-446	60113-267
47	43	800	21130-753	23130-158	21130-767	23130-159	23130-184	21130-437	21130-447	60113-267

Cabinets – Varistar Electronics

INTERIOR MOUNTING MOUNTING PLATE, STATIONARY SHELVES, 75 KG

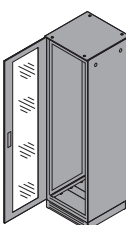
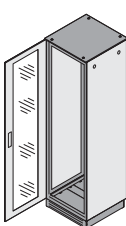
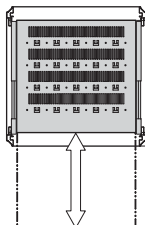
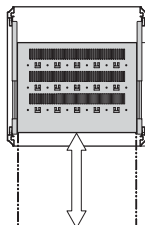
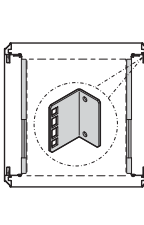
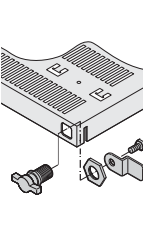
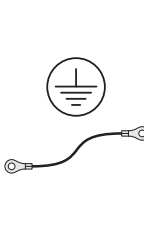
ORDER INFORMATION

					Mounting plate		Stationary shelf	Stationary shelf		
					Full height	Height 1200 mm	Strengthening brackets	Full depth	Shortened by 100 mm	Depth member, 3 rows
 Completely in RAL 7021 (black grey)  Colour combination RAL 7035 (light grey)/RAL 7021 (black grey)					 01008052	 01008053	 01008080	 01004142	 01004142	 01004126
					St, zinc-plated, 3 mm, static load-carrying capacity up to 450 kg (rear mounted); strengthening bracket increases static load-carrying capacity; please order separately		St profile, increases static load-carrying capacity of mounting plate to 150 kg	St, 1.5 mm, static load-carrying capacity 75 kg, 1 U, incl. GND/earthing	St, 1.5 mm, static load-carrying cap. 75 kg, 1 U, depth 479 mm, incl. GND/earthing, for recessed installation order depth members separately	length 460 mm, St, 1.5 mm, finish AlZn; required for recessed shelf
No.	Cabinet dimensions				1 piece assembled	1 piece assembled	PU 2 pieces assembled	1 piece assembled	1 piece assembled	PU 1 pair assembled
	Height U	Width mm	Depth mm							
Completely in RAL 7021					zinc-plated	zinc-plated	RAL 7021	RAL 7021	RAL 7021	AlZn
1	29	1400	600	600	–	23130-413	23130-418	21130-323	21130-322	23130-081
2	29	1400	600	800	–	23130-413	23130-418	21130-325	21130-324	23130-082
3	33	1600	600	600	–	23130-413	23130-418	21130-323	21130-322	23130-081
4	33	1600	600	800	–	23130-413	23130-418	21130-325	21130-324	23130-082
5	38	1800	600	600	23130-405	23130-413	23130-418	21130-323	21130-322	23130-081
6	38	1800	600	800	23130-406	23130-414	23130-418	21130-325	21130-324	23130-082
7	38	1800	800	600	23130-407	23130-413	23130-418	21130-333	21130-332	23130-081
8	42	2000	600	300	23130-407	23130-413	23130-418	–	–	–
9	42	2000	600	600	23130-407	23130-413	23130-418	21130-323	21130-322	23130-081
10	42	2000	600	800	23130-408	23130-414	23130-418	21130-325	21130-324	23130-082
11	42	2000	800	600	23130-408	23130-414	23130-418	21130-333	21130-332	23130-081
12	42	2000	800	800	23130-408	23130-414	23130-418	21130-335	21130-334	23130-082
13	47	2200	600	300	–	23130-413	23130-418	–	–	–
14	47	2200	600	600	–	23130-413	23130-418	21130-323	21130-322	23130-081
15	47	2200	600	800	–	23130-413	23130-418	21130-325	21130-324	23130-082
16	47	2200	800	800	–	23130-414	23130-418	21130-335	21130-334	23130-082
Colour combinations					zinc-plated	zinc-plated	RAL 7021	RAL 7035	RAL 7035	AlZn
17	29	1400	600	600	–	23130-413	23130-418	22130-323	22130-322	23130-081
18	29	1400	600	800	–	23130-413	23130-418	22130-325	22130-324	23130-082
19	33	1600	600	600	–	23130-413	23130-418	22130-323	22130-322	23130-081
20	33	1600	600	800	–	23130-413	23130-418	22130-325	22130-324	23130-082
21	38	1800	600	600	23130-405	23130-413	23130-418	22130-323	22130-322	23130-081
22	38	1800	600	800	23130-406	23130-414	23130-418	22130-325	22130-324	23130-082
23	38	1800	800	600	23130-407	23130-413	23130-418	22130-333	22130-332	23130-081
24	42	2000	600	300	23130-407	23130-413	23130-418	–	–	–
25	42	2000	600	600	23130-407	23130-413	23130-418	22130-323	22130-322	23130-081
26	42	2000	600	800	23130-408	23130-414	23130-418	22130-325	22130-324	23130-082
27	42	2000	800	600	23130-408	23130-414	23130-418	22130-333	22130-332	23130-081
28	42	2000	800	800	23130-408	23130-414	23130-418	22130-335	22130-334	23130-082
29	47	2200	600	300	–	23130-413	23130-418	–	–	–
30	47	2200	600	600	–	23130-413	23130-418	22130-323	22130-322	23130-081
31	47	2200	600	800	–	23130-413	23130-418	22130-325	22130-324	23130-082
32	47	2200	800	800	–	23130-414	23130-418	22130-335	22130-334	23130-082

Cabinets – Varistar Electronics

INTERIOR MOUNTING TELESCOPIC SHELVES, 70 KG

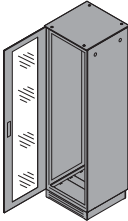
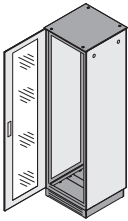
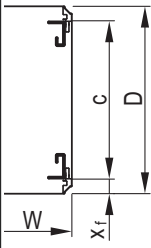
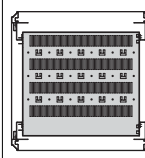
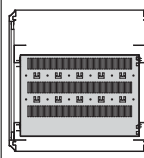
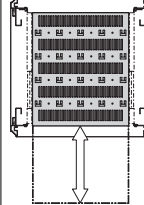
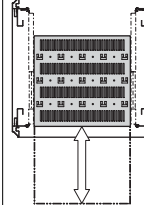
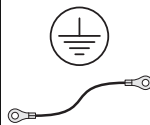
ORDER INFORMATION

					Telescopic shelf, 2 U				
					Full depth	Shortened by 100 mm	Mounting bracket	T-bar lock	GND/earthing
 Completely in RAL 7021 (black grey)  Colour combination RAL 7035 (light grey)/RAL 7021 (black grey)					 01004144 St, 1.5 mm, static load-carrying capacity 70/50 kg (width 600/800 mm), incl. telescopic slide, please order mounting bracket separately	 01004145 St, 1.5 mm, static load-carrying capacity 70/50 kg (width 600/800 mm), incl. telescopic slide, please order mounting bracket separately	 01005054 St, finish AlZn	 01004125 to lock the telescopic shelf	 05904052 for telescopic shelf
No.	Cabinet dimensions				1 piece assembled	1 piece assembled	PU 4 pieces assembled	1 piece assembled	PU 1 kit assembled
	U	mm	mm	mm					
Completely in RAL 7021					RAL 7021	RAL 7021	AlZn		
1	29	1400	600	600	21130-353	21130-352	23130-274	23130-092	23130-140
2	29	1400	600	800	21130-355	21130-354			
3	33	1600	600	600	21130-353	21130-352	23130-274	23130-092	23130-140
4	33	1600	600	800	21130-355	21130-354			
5	38	1800	600	600	21130-353	21130-352	23130-274	23130-092	23130-140
6	38	1800	600	800	21130-355	21130-354			
7	38	1800	800	600	21130-373	21130-372	23130-274	23130-092	23130-140
8	42	2000	600	300	–	–	–	–	–
9	42	2000	600	600	21130-353	21130-352	23130-274	23130-092	23130-140
10	42	2000	600	800	21130-355	21130-354			
11	42	2000	800	600	21130-373	21130-372	23130-274	23130-092	23130-140
12	42	2000	800	800	21130-375	21130-374			
13	47	2200	600	300	–	–	–	–	–
14	47	2200	600	600	21130-353	21130-352	23130-274	23130-092	23130-140
15	47	2200	600	800	21130-355	21130-354			
16	47	2200	800	800	21130-375	21130-374	23130-274	23130-092	23130-140
Colour combinations					RAL 7035	RAL 7035	AlZn		RAL 7021
17	29	1400	600	600	22130-353	22130-352	23130-274	23130-092	23130-140
18	29	1400	600	800	22130-355	22130-354			
19	33	1600	600	600	22130-353	22130-352	23130-274	23130-092	23130-140
20	33	1600	600	800	22130-355	22130-354			
21	38	1800	600	600	22130-353	22130-352	23130-274	23130-092	23130-140
22	38	1800	600	800	22130-355	22130-354			
23	38	1800	800	600	22130-373	22130-372	23130-274	23130-092	23130-140
24	42	2000	600	300	–	–	–	–	–
25	42	2000	600	600	22130-353	22130-352	23130-274	23130-092	23130-140
26	42	2000	600	800	22130-355	22130-354			
27	42	2000	800	600	22130-373	22130-372	23130-274	23130-092	23130-140
28	42	2000	800	800	22130-375	22130-374			
29	47	2200	600	300	–	–	–	–	–
30	47	2200	600	600	22130-353	22130-352	23130-274	23130-092	23130-140
31	47	2200	600	800	22130-355	22130-354			
32	47	2200	800	800	22130-375	22130-374	23130-274	23130-092	23130-140

Cabinets – Varistar Electronics

INTERIOR MOUNTING 19" SHELVES 1 U, STATIONARY 75 KG, TELESCOPIC 30 KG

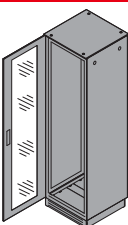
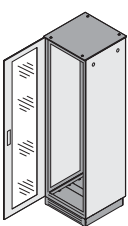
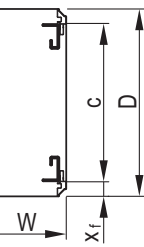
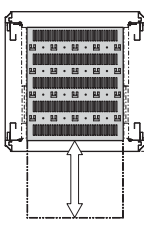
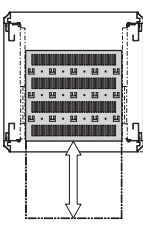
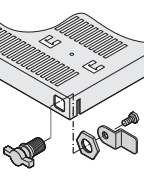
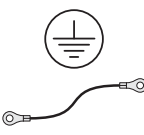
ORDER INFORMATION

					Dimension Standard fitting		19" stationary shelf, 1 U, 75 kg		19" telescopic shelf, 1 U, 30 kg		GND/earthing
							Full depth	Shortened by 100 mm	Full depth	Shortened by 100 mm	
 Completely in RAL 7021 (black grey)  Colour combination RAL 7035 (light grey)/ RAL 7021 (black grey)					 01004146 x_f = distance from front c = pitch of 19" panel/slide mounts D = cabinet depth W = cabinet width		 01004118 St, 1.5 mm, static load-carrying capacity 75 kg, depth 600 mm, incl. GND/earthing	 01004119 St, 1.5 mm, static load-carrying capacity 75 kg, depth 500 mm, incl. GND/earthing	 01004123 St, 1.5 mm, static load-carrying capacity 30 kg, incl. telescopic slide; please order GND/ earthing kit separately	 01004122 St, 1.5 mm, static load-carrying capacity 30 kg, incl. telescopic slide; please order GND/ earthing kit separately	 05904055 for telescopic shelf
No.	Cabinet dimensions				x_f mm	c mm	1 piece assembled	1 piece assembled	1 piece assembled	1 piece assembled	PU 1 kit assembled
Completely in RAL 7021							RAL 7021	RAL 7021	RAL 7021	RAL 7021	
1	29	1400	600	600	50	500	21130-303	21130-302	21130-343	21130-342	23130-140
2	29	1400	600	800	50	700	21130-305	21130-304	21130-345	21130-344	
3	33	1600	600	600	50	500	21130-303	21130-302	21130-343	21130-342	23130-140
4	33	1600	600	800	50	700	21130-305	21130-304	21130-345	21130-344	
5	38	1800	600	600	50	500	21130-303	21130-302	21130-343	21130-342	23130-140
6	38	1800	600	800	50	700	21130-305	21130-304	21130-345	21130-344	
7	38	1800	800	600	50	500	21130-303	21130-302	21130-343	21130-342	23130-140
8	42	2000	600	300	50	200	–	–	–	–	–
9	42	2000	600	600	50	500	21130-303	21130-302	21130-343	21130-342	23130-140
10	42	2000	600	800	50	700	21130-305	21130-304	21130-345	21130-344	
11	42	2000	800	600	50	500	21130-303	21130-302	21130-343	21130-342	23130-140
12	42	2000	800	800	150	500	21130-303	21130-302	21130-343	21130-342	
13	47	2200	600	300	50	200	–	–	–	–	–
14	47	2200	600	600	50	500	21130-303	21130-302	21130-343	21130-342	23130-140
15	47	2200	600	800	50	700	21130-305	21130-304	21130-345	21130-344	
16	47	2200	800	800	150	500	21130-303	21130-302	21130-343	21130-342	23130-140
Colour combinations							RAL 7035	RAL 7035	RAL 7035	RAL 7035	
17	29	1400	600	600	50	500	22130-303	22130-302	22130-343	22130-342	23130-140
18	29	1400	600	800	50	700	22130-305	22130-304	22130-345	22130-344	
19	33	1600	600	600	50	500	22130-303	22130-302	22130-343	22130-342	23130-140
20	33	1600	600	800	50	700	22130-305	22130-304	22130-345	22130-344	
21	38	1800	600	600	50	500	22130-303	22130-302	22130-343	22130-342	23130-140
22	38	1800	600	800	50	700	22130-305	22130-304	22130-345	22130-344	
23	38	1800	800	600	50	500	22130-303	22130-302	22130-343	22130-342	23130-140
24	42	2000	600	300	50	200	–	–	–	–	–
25	42	2000	600	600	50	500	22130-303	22130-302	22130-343	22130-342	23130-140
26	42	2000	600	800	50	700	22130-305	22130-304	22130-345	22130-344	
27	42	2000	800	600	50	500	22130-303	22130-302	22130-343	22130-342	23130-140
28	42	2000	800	800	150	500	22130-303	22130-302	22130-343	22130-342	
29	47	2200	600	300	50	200	–	–	–	–	–
30	47	2200	600	600	50	500	22130-303	22130-302	22130-343	22130-342	23130-140
31	47	2200	600	800	50	700	22130-305	22130-304	22130-345	22130-344	
32	47	2200	800	800	150	500	22130-303	22130-302	22130-343	22130-342	23130-140

Cabinets – Varistar Electronics

INTERIOR MOUNTING 19" TELESCOPIC SHELF, 2 U, 70 KG

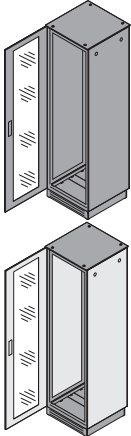
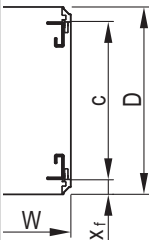
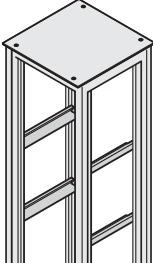
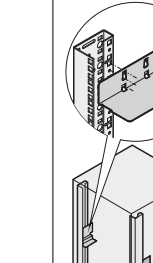
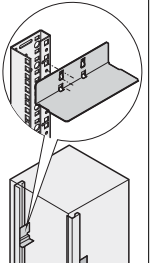
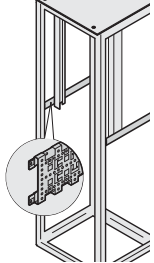
ORDER INFORMATION

					Dimension Standard fitting		Telescopic shelf, 2 U, 70 kg			
							Full depth	Shortened by 100 mm	T-bar lock	GND/earthing
 Completely in RAL 7021 (black grey)  Colour combination RAL 7035 (light grey)/RAL 7021 (black grey)					 01004146 X_f = distance from front c = pitch of 19" panel/slide mounts D = cabinet depth W = cabinet width		 01004123 St, 1.5 mm, RAL 7021, static load-carrying capacity 70 kg, width 417 mm, depth 482 mm, incl. telescopic slide, please order, T-bar lock and earthing kit separately	 01004122 St, 1.5 mm, RAL 7021, static load-carrying capacity 70 kg, width 400 mm, depth 682 mm, incl. telescopic slide, please order, T-bar lock and earthing kit separately	 01004125 to lock the telescopic shelf	 05904052 for telescopic shelf
Cabinet dimensions							1 piece assembled	1 piece assembled	1 piece assembled	PU 1 kit assembled
No.	Height U	Width mm	Depth mm		X_f mm	c mm				
Completely in RAL 7021							RAL 7021	RAL 7021		
1	29	1400	600	600	50	500	21130-353	21130-352	23130-092	23130-140
2	29	1400	600	800	50	700	21130-355	21130-354		
3	33	1600	600	600	50	500	21130-353	21130-352	23130-092	23130-140
4	33	1600	600	800	50	700	21130-355	21130-354		
5	38	1800	600	600	50	500	21130-353	21130-352	23130-092	23130-140
6	38	1800	600	800	50	700	21130-355	21130-354	23130-092	23130-140
7	38	1800	800	600	50	500	21130-353	21130-352	23130-092	23130-140
8	42	2000	600	300	50	200	–	–	–	–
9	42	2000	600	600	50	500	21130-353	21130-352	23130-092	23130-140
10	42	2000	600	800	50	700	21130-355	21130-354		
11	42	2000	800	600	50	500	21130-353	21130-352	23130-092	23130-140
12	42	2000	800	800	150	500	21130-353	21130-352		
13	47	2200	600	300	50	200	–	–	–	–
14	47	2200	600	600	50	500	21130-353	21130-352	23130-092	23130-140
15	47	2200	600	800	50	700	21130-355	21130-354		
16	47	2200	800	800	150	500	21130-353	21130-352	23130-092	23130-140
Colour combinations							RAL 7035	RAL 7035		
17	29	1400	600	600	50	500	22130-353	22130-352	23130-092	23130-140
18	29	1400	600	800	50	700	22130-355	22130-354		
19	33	1600	600	600	50	500	22130-353	22130-352	23130-092	23130-140
20	33	1600	600	800	50	700	22130-355	22130-354		
21	38	1800	600	600	50	500	22130-353	22130-352	23130-092	23130-140
22	38	1800	600	800	50	700	22130-355	22130-354		
23	38	1800	800	600	50	500	22130-353	22130-352	23130-092	23130-140
24	42	2000	600	300	50	200	–	–	–	–
25	42	2000	600	600	50	500	22130-353	22130-352	23130-092	23130-140
26	42	2000	600	800	50	700	22130-355	22130-354		
27	42	2000	800	600	50	500	22130-353	22130-352	23130-092	23130-140
28	42	2000	800	800	150	500	22130-353	22130-352		
29	47	2200	600	300	50	200	–	–	–	–
30	47	2200	600	600	50	500	22130-353	22130-352	23130-092	23130-140
31	47	2200	600	800	50	700	22130-355	22130-354		
32	47	2200	800	800	150	500	22130-353	22130-352	23130-092	23130-140

Cabinets – Varistar Electronics

INTERIOR MOUNTING SLIDE RAILS, DEPTH MEMBERS

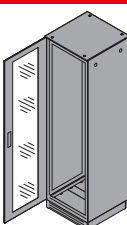
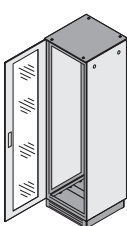
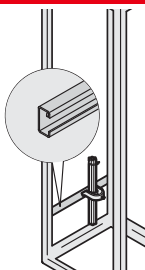
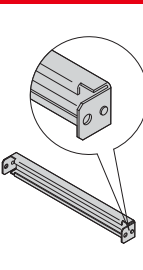
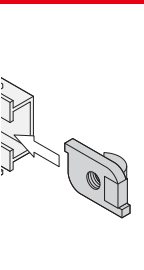
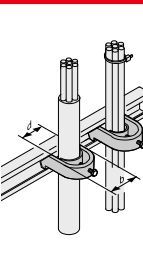
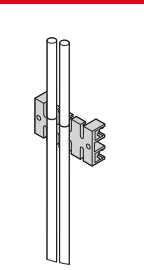
ORDER INFORMATION

					Dimension Standard fitting		Slide rail		Short slide rail	Depth member, 3 rows
							25 kg	100 kg		
 Completely in RAL 7021 (black grey) Colour combination RAL 7035 (light grey)/RAL 7021 (black grey)					 01004146 x_f = distance from front c = pitch of 19" panel/slide mounts D = cabinet depth W = cabinet width		 01004115 St, 1.5 mm, finish AlZn, static load-carrying capacity 25 kg/pair	 01004154 St, 2.5 mm, zinc-plated, static load-carrying capacity 100 kg/pair	 01004154 St, 1.5 mm, finish AlZn, static load-carrying capacity 15 kg/pair	 01004126 length 460 mm, St, 1.5 mm, finish AlZn; required for recessed shelf
No.	Cabinet dimensions									
	Height U	Width mm	Depth mm		x_f mm	c mm	PU 2 pieces supplied loose	PU 2 pieces supplied loose	PU 1 kit supplied loose	PU 1 pair assembled
Completely in RAL 7021							AlZn	zinc-plated	AlZn	AlZn
1	29	1400	600	600	50	500	23130-096	23130-118	23130-094	23130-081
2	29	1400	600	800	50	700	23130-097	23130-119	23130-094	23130-082
3	33	1600	600	600	50	500	23130-096	23130-118	23130-094	23130-081
4	33	1600	600	800	50	700	23130-097	23130-119	23130-094	23130-082
5	38	1800	600	600	50	500	23130-096	23130-118	23130-094	23130-081
6	38	1800	600	800	50	700	23130-097	23130-119	23130-094	23130-082
7	38	1800	800	600	50	500	23130-096	23130-118	23130-094	23130-081
8	42	2000	600	300	50	200	23130-099	23130-116	23130-094	–
9	42	2000	600	600	50	500	23130-096	23130-118	23130-094	23130-081
10	42	2000	600	800	50	700	23130-097	23130-119	23130-094	23130-082
11	42	2000	800	600	50	500	23130-096	23130-118	23130-094	23130-081
12	42	2000	800	800	150	500	23130-096	23130-118	23130-094	23130-082
13	47	2200	600	300	50	200	23130-099	23130-116	23130-094	–
14	47	2200	600	600	50	500	23130-096	23130-118	23130-094	23130-081
15	47	2200	600	800	50	700	23130-097	23130-119	23130-094	23130-082
16	47	2200	800	800	150	500	23130-096	23130-118	23130-094	23130-082
Colour combinations							AlZn	zinc-plated	AlZn	AlZn
17	29	1400	600	600	50	500	23130-096	23130-118	23130-094	23130-081
18	29	1400	600	800	50	700	23130-097	23130-119	23130-094	23130-082
19	33	1600	600	600	50	500	23130-096	23130-118	23130-094	23130-081
20	33	1600	600	800	50	700	23130-097	23130-119	23130-094	23130-082
21	38	1800	600	600	50	500	23130-096	23130-118	23130-094	23130-081
22	38	1800	600	800	50	700	23130-097	23130-119	23130-094	23130-082
23	38	1800	800	600	50	500	23130-096	23130-118	23130-094	23130-081
24	42	2000	600	300	50	200	23130-099	23130-116	23130-094	–
25	42	2000	600	600	50	500	23130-096	23130-118	23130-094	23130-082
26	42	2000	600	800	50	700	23130-097	23130-119	23130-094	23130-081
27	42	2000	800	600	50	500	23130-096	23130-118	23130-094	23130-082
28	42	2000	800	800	150	500	23130-096	23130-118	23130-094	–
29	47	2200	600	300	50	200	23130-099	23130-116	23130-094	23130-081
30	47	2200	600	600	50	500	23130-096	23130-118	23130-094	23130-082
31	47	2200	600	800	50	700	23130-097	23130-119	23130-094	23130-081
32	47	2200	800	800	150	500	23130-096	23130-118	23130-094	23130-082

Cabinets – Varistar Electronics

INTERIOR MOUNTING CABLE DUCTINGS

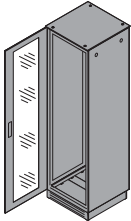
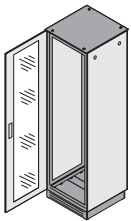
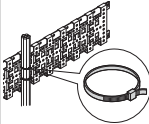
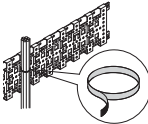
ORDER INFORMATION

					Cable ducting with C-profile				
					C-rail for cabinet depth	C-rail for cabinet width	Slide nut	Cable shell	Cable support for C-rail
 Completely in RAL 7021 (black grey)  Colour combination RAL 7035 (light grey)/RAL 7021 (black grey)					 01006109 St, 1.5 mm, finish AlZn	 01006107 St, 1.5 mm, finish AlZn	 01504054 for C-rail	 vn1009 for C-rail or for cable support rail, for cable bundles of 42 ... 46 mm, further dimensions see page 1.24	 01006110 PA, UL 94 V-0, black, assembly by clipping onto the C-rail
No.	Cabinet dimensions				PU 2 pieces supplied loose	PU 2 pieces supplied loose	PU 10 pieces supplied loose	PU 10 pieces supplied loose	PU 5 pieces supplied loose
	U	mm	mm	mm					
Completely in RAL 7021					AlZn	AlZn			
1	29	1400	600	600	23130-086	23130-333	21120-140	20114-731	60118-472
2	29	1400	600	800	23130-087				
3	33	1600	600	600	23130-086	23130-333	21120-140	20114-731	60118-472
4	33	1600	600	800	23130-087				
5	38	1800	600	600	23130-086	23130-333	21120-140	20114-731	60118-472
6	38	1800	600	800	23130-087				
7	38	1800	800	600	23130-086	23130-334	21120-140	20114-731	60118-472
8	42	2000	600	300	–	–	–	–	–
9	42	2000	600	600	23130-086	23130-333	21120-140	20114-731	60118-472
10	42	2000	600	800	23130-087				
11	42	2000	800	600	23130-086	23130-334	21120-140	20114-731	60118-472
12	42	2000	800	800	23130-087				
13	47	2200	600	300	–	–	–	–	–
14	47	2200	600	600	23130-086	23130-333	21120-140	20114-731	60118-472
15	47	2200	600	800	23130-087				
16	47	2200	800	800	23130-087	23130-334	21120-140	20114-731	60118-472
Colour combinations					AlZn	AlZn			
17	29	1400	600	600	23130-086	23130-333	21120-140	20114-731	60118-472
18	29	1400	600	800	23130-087				
19	33	1600	600	600	23130-086	23130-333	21120-140	20114-731	60118-472
20	33	1600	600	800	23130-087				
21	38	1800	600	600	23130-086	23130-333	21120-140	20114-731	60118-472
22	38	1800	600	800	23130-087				
23	38	1800	800	600	23130-086	23130-334	21120-140	20114-731	60118-472
24	42	2000	600	300	–	–	–	–	–
25	42	2000	600	600	23130-086	23130-333	21120-140	20114-731	60118-472
26	42	2000	600	800	23130-087				
27	42	2000	800	600	23130-086	23130-334	21120-140	20114-731	60118-472
28	42	2000	800	800	23130-087				
29	47	2200	600	300	–	–	–	–	–
30	47	2200	600	600	23130-086	23130-333	21120-140	20114-731	60118-472
31	47	2200	600	800					
32	47	2200	800	800	23130-087	23130-334	21120-140	20114-731	60118-472

Cabinets – Varistar Electronics

INTERIOR MOUNTING CABLE TIES, VELCRO

ORDER INFORMATION

					Cable tie	Velcro	General components
 Completely in RAL 7021 (black grey)  Colour combination RAL 7035 (light grey)/RAL 7021 (black grey)					 01005078 plastic, 92 mm x 2.5 mm, further dimensions see page 1.26	 01005079 black, length 300 mm, further dimensions see page 1.26	Mechanics  from page 3.2 Electrics  from page 3.29 Power distribution  from page 3.50 Climate control  from page 4.0
Cabinet dimensions					PU 25 pieces supplied loose	PU 10 pieces supplied loose	
No.	U	mm	mm	mm			
Completely in RAL 7021							
1	29	1400	600	600	20118-351	20118-624	
2	29	1400	600	800			
3	33	1600	600	600	20118-351	20118-624	
4	33	1600	600	800			
5	38	1800	600	600	20118-351	20118-624	
6	38	1800	600	800			
7	38	1800	800	600	20118-351	20118-624	
8	42	2000	600	300	–	–	
9	42	2000	600	600	20118-351	20118-624	
10	42	2000	600	800	20118-351	20118-624	
11	42	2000	800	600	20118-351	20118-624	
12	42	2000	800	800			
13	47	2200	600	300	–	–	
14	47	2200	600	600	20118-351	20118-624	
15	47	2200	600	800	20118-351	20118-624	
16	47	2200	800	800	20118-351	20118-624	
Colour combinations							
17	29	1400	600	600	20118-351	20118-624	
18	29	1400	600	800			
19	33	1600	600	600	20118-351	20118-624	
20	33	1600	600	800			
21	38	1800	600	600	20118-351	20118-624	
22	38	1800	600	800	20118-351	20118-624	
23	38	1800	800	600	20118-351	20118-624	
24	42	2000	600	300	–	–	
25	42	2000	600	600	20118-351	20118-624	
26	42	2000	600	800	20118-351	20118-624	
27	42	2000	800	600	20118-351	20118-624	
28	42	2000	800	800			
29	47	2200	600	300	–	–	
30	47	2200	600	600	20118-351	20118-624	
31	47	2200	600	800	20118-351	20118-624	
32	47	2200	800	800	20118-351	20118-624	

Cabinets – Varistar Platform

TWO LOAD-CARRYING CLASSES, ONE ACCESSORY RANGE: THE VARISTAR FRAMES



Varistar is the only cabinet platform that allows identical accessories to be combined with two basic frames. The cabinet is available in Slim-Line (narrow) or Heavy-Duty (robust) profiles.

SLIM-LINE PROFILE

The Slim-Line version is based on very thin steel profiles in order to obtain the greatest opening width between the uprights. This frame can accommodate either 19" equipment or metric components to ETS 3000-119-3. With a maximum load of 400 kg* on the 19" plane the frame is still highly robust and suitable for demanding applications in electronics or data and network technology.

HEAVY-DUTY PROFILE

The Heavy-Duty frame, on the other hand, is designed for use with heavy loads or in regions susceptible to earthquakes. It offers on the one hand maximum stability for a load of up to 800 kg* on the 19" plane and, thanks to its high bending stiffness, can meet the shock and vibration requirements such as occur in railway and traffic signal installations, in the control of rotating machines, on commercial ships or in low-level military installations. In the IEC 61587-2 earthquake test the Heavy-Duty frame qualified for use in Bellcore Zone 3. Equipped with very simple, low-cost strengthening brackets, the Varistar Seismic version meets the demands of Bellcore Zone 4.



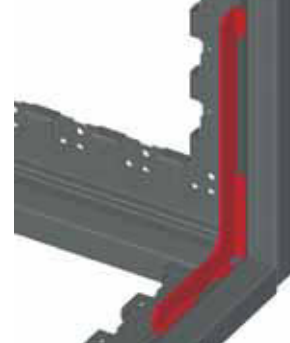
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Slim-Line profile



01006034

Heavy-Duty profile



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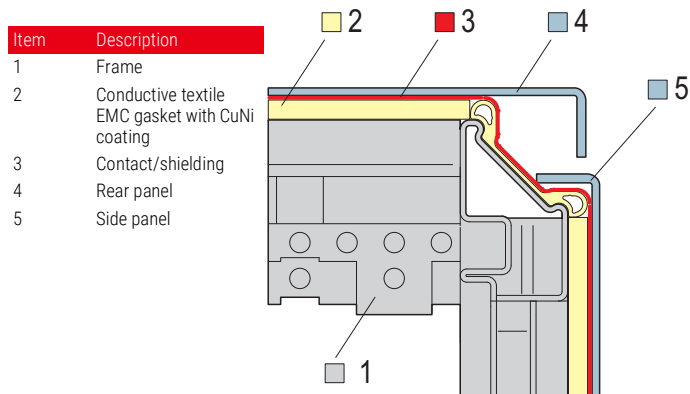
Heavy-duty profile with strengthening bracket

	Standard	Slim-Line	Heavy-Duty
Static load-carrying capacity	IEC 61587-1	400 kg *	800 kg *
Type of protection	IEC 60529	IP 20, IP 55	IP 20, IP 55
Shock test	IEC 61587-1	Maximum acceleration: 5 g Duration: 11 ms	Maximum acceleration: 5 g Duration: 11 ms
Vibration test	IEC 61587-1	Frequency: 5 Hz -100 Hz Acceleration: 1 g	Frequency: 5 Hz -100 Hz Acceleration: 1 g
Earthquake test	IEC 61587-2		Standard: up to Bellcore Zone 3, acceleration: 3 g, Frequency: 1 Hz ... 5 Hz With strengthening: up to Bellcore Zone 4, acceleration: 5 g, Frequency: 2 Hz ... 5 Hz
EMC shielding	IEC 61587-3	60 dB at 1 GHz, 40 dB at 3 GHz	60 dB at 1 GHz, 40 dB at 3 GHz
Installing options		19" or ETS	19"

* The figures for static load-carrying capacity are based on the test procedure of IEC 61587-1. In this procedure the cabinet must withstand being moved about on the floor and dropped from a height of 1000 mm onto a hard surface while carrying the maximum load, without sustaining substantial deformations to the frame or to the 19" panel/ slide mounts. The possible loading for the Varistar frame is therefore, under normal operating conditions, considerably higher than the test value given under IEC 61587-1.

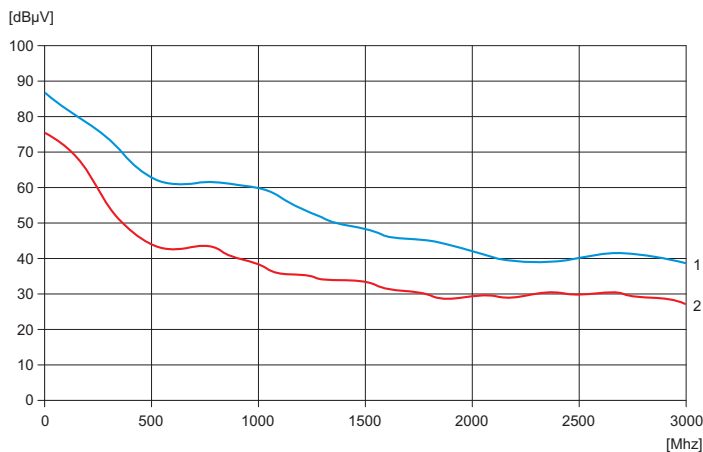
Cabinets – Varistar Platform

DECIDEDLY DIFFERENT: THE VARISTAR SEALING AND SHIELDING CONCEPT



In most shielding designs currently available, conductive seals or springs connect the cover parts to the cabinet frame. The points of contact have thus to be kept conductive and corrosion-free. With VARISTAR, however, the conductive textile gaskets connect the cladding parts together directly, with two results: A considerably better shielding performance of 60 dB at 1 GHz (and 40 dB at 3 GHz) is obtained than with conventional designs. There is no longer any need for expensive treatment of the frame surface. The textile EMC gasket is at the same time also a shield against dust and water to IP 55. Where no shielding is required, a rubber gasket offering the same IP 55 protection is used. Both gaskets are fitted to the 45°-angled surface of the exterior of the frame.

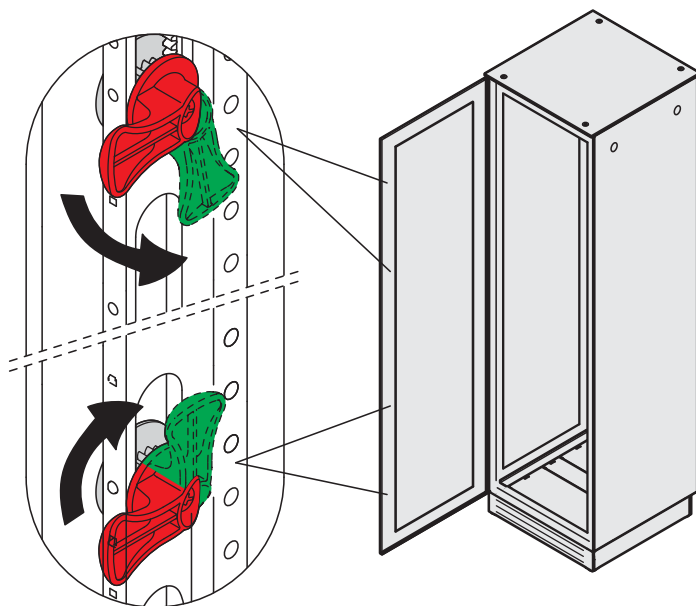
Shielding up to 3 GHz



1: Cabinet with solid door 2: Cabinet with perforated door



SMOOTH-RUNNING AND ABSOLUTELY TIGHT: THE VARISTAR LOCKING SYSTEM

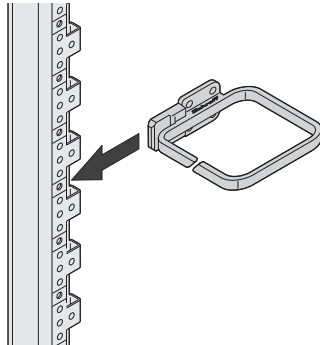


The latching system also contributes to protection class and shielding. The innovative locking bar accepts a variable number of deadbolts, depending on the cabinet height, to ensure the most even compression of the gaskets. And best of all: Activating the locking bar causes the latches to move in the opposite direction. Thus the frictional forces of the bolts are balanced out and a resulting lopsided vertical force on the door is avoided. The doors close easily and with an absolute seal. EMC doors are fitted with 4-point locking, IP and server doors with 3-point locking.

Cabinets – Varistar Platform

PEERLESS AND EFFICIENT: THE VARISTAR PROFILE (SLIM-LINE AND HEAVY-DUTY)

19" brackets are fixed without depth members



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The VARISTAR profile has fixing holes in all three axes (height, width, depth), following a 25 mm grid. This allows for the greatest variability in the fitting of components and accessories. Thus for example 19" panel/slide mounts may be installed in a 600 mm wide cabinet without additional depth members. This saves costs and provides stability on the 19" plane. The intricately shaped form of the profile offers further new assembly possibilities. Cable eyes, for instance, can be plugged directly into the frame whilst fixing themselves.

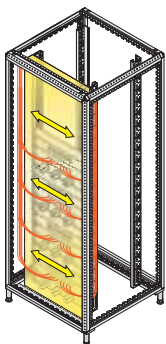
Self-fixing cable eyes

NEW AND WELL THOUGHT OUT: VARISTAR CABLE MANAGEMENT

Schroff has divided the available space in the VARISTAR into zones and given a simple description of the position and use of these zones. The coloured arrows show the direction of the cable ducting.

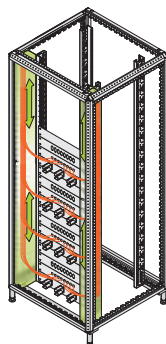
For each zone a range of accessories has been developed to suit the conditions in the cabinet, which simplifies cabling and thus helps to include as many connections as possible in a distribution cabinet. The VARISTAR profile with its many fixing options has thus proved a real boon.

Zone 1



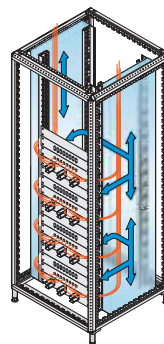
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Zone 2



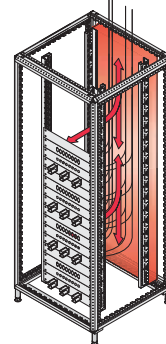
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Zone 3



01006085

Zone 4



01006086

- In front of the 19" plane
- In this zone the patch cables are ducted horizontally between the distribution fields
- On the right and left hand side, next to the 19" plane
- In this zone patch cables are ducted vertically in a kind of channel to the individual components
- Zone 3 is located laterally behind the 19" plane across the cabinet depth; mainly for 800 mm wide cabinets
- In this zone entering cable bundles are fixed in the cabinet, parted and ducted to the rear of the distribution fields
- Zone 4 is located in the rear across the cabinet width
- Alternative to zone 3 for only 600 mm wide cabinets or when cable entry is at the rear of the cabinet

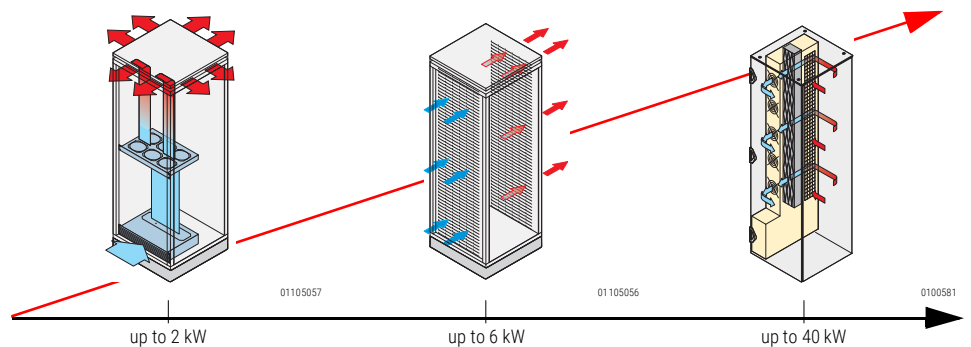
Cabinets – Varistar Platform

HEAT DISSIPATION TO EXACT REQUIREMENTS: COOLING CONCEPTS FOR VARISTAR

Depending on installed heat dissipation and the surroundings, VARISTAR offers various cooling options and also good conditions for problem-free operation of the installed equipment.

Either top cover fans are used to assist the heat dissipation or perforated doors with 78 % air throughput are fitted.

Additionally, VARISTAR LHX 20/40 with assembled air/water heat exchanger allows to cool especially strained appliances with water. And that for up to 40 kW per cabinet.



Fan unit, positioned inside



78 % air throughput



Air/water heat exchanger

CLASSIC AND CONSISTENT: VARISTAR COLOUR AND DESIGN

As well as its functional aspects, in the development of VARISTAR the design of the individual components and their combined effect on the appearance of the cabinet was always a priority. The cabinet gains its characteristic, unmistakable look from the high narrow door with the memorable hinges and the very thin, almost inconspicuous top cover edge. While rack, base and cover are offered in black grey (RAL 7021) for all standard cabinets, a choice of two colour options are available - even in our standard programme - for side panels, doors and rear panels:

Either entirely black grey (RAL 7021), as is the contemporary look in data centres and recording studios. Or in light grey (RAL 7035), whereby an attractive combination of mainly light surfaces with a few dark accents is obtained.

Alternatively, VARISTAR can be supplied in many RAL colours within 15 working days, or even as a combination of two special colours. The current range of colours can be seen online at www.schroff.de/modification.



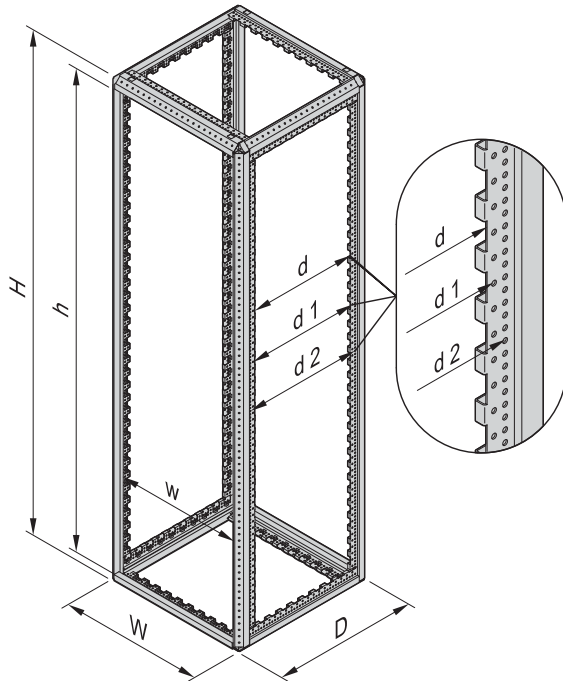
Colour RAL 7021 (black grey)



Colour combination RAL 7035/RAL 7021 (light grey/black grey)

Cabinets – Varistar Platform

FRAME DIMENSIONS



Height

Cabinet height		Frame	
mm	U	H mm	h mm
1200	24	1192	1102
1400	29	1392	1302
1600	33	1592	1502
1800	38	1792	1702
2000	42	1992	1902
2200	47	2192	2102

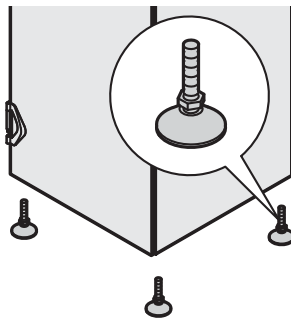
Width

Cabinet width	Frame W	Slim-Line w	Heavy-Duty w
mm	mm	mm	mm
600	592	535	502
800	792	735	702

Depth

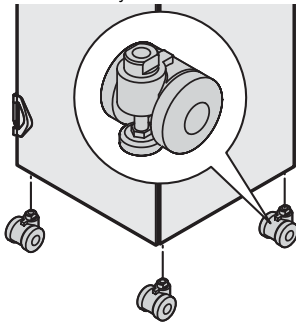
Cabinet depth	D	Frame d	d ₁	d ₂
mm	mm	mm	mm	mm
300	292	128.8	150	175
600	592	428.8	450	475
800	792	628.8	650	675
900	892	728.8	750	775
1000	992	828.8	850	875
1100	1092	928.8	950	975
1200	1192	1028.8	1050	1075

Adjustable feet

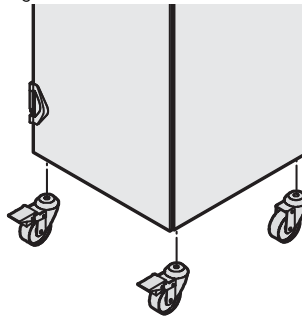


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Castors with adjustable feet



Locking castors

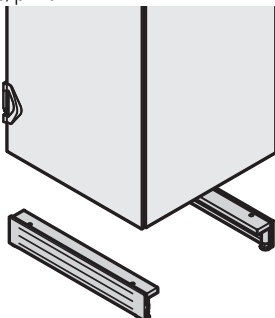


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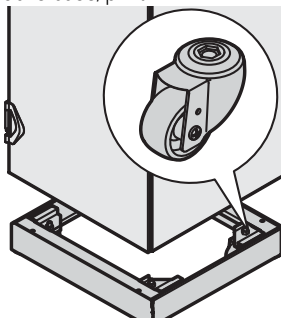
Height of adjustable feet, castors, base/plinth

Adjustable feet	20 ... 40 mm
Locking castors	85 mm
Castors with adjustable feet	85 ... 95 mm
Base/plinth (feet)	112 ... 132 mm
Base/plinth, mobile	126.5 ... 134.5 mm

Base/plinth



Mobile base/plinth

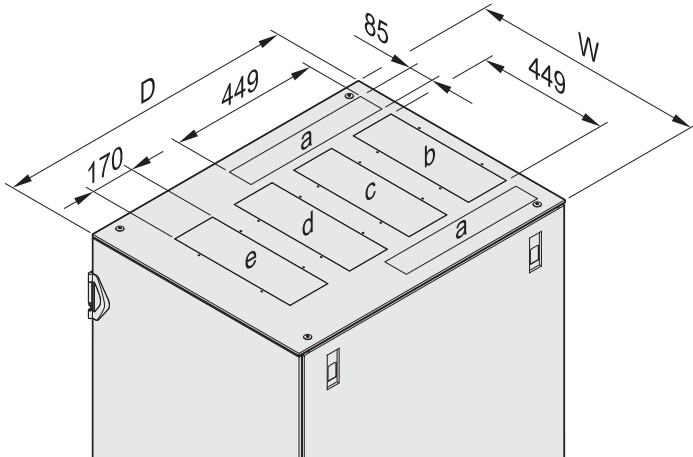


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Cabinets – Varistar Platform

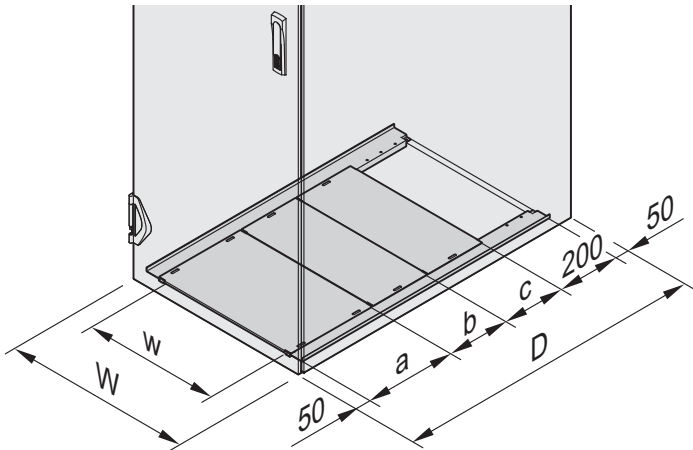
TOP COVER WITH CUT-OUT ZONES



01006097

D	W = 600 mm					W = 800 mm				
	a	b	c	d	e	a	b	c	d	e
600	-	✓	✓	-	-	-	✓	✓	-	-
800	-	✓	✓	✓	-	✓	✓	✓	✓	-
900	-	✓	✓	✓	-	✓	✓	✓	✓	-
1000	-	✓	✓	✓	✓	✓	✓	✓	✓	✓
1100	-	✓	✓	✓	✓	✓	✓	✓	✓	✓
1200	-	✓	✓	✓	✓	✓	✓	✓	✓	✓

BASE PLATE, MULTI-PIECE



01006096

D	Depth in mm		
	a	b	c
600	300	-	-
800	300	200	-
900	300	300	-
1000	300	200	200
1100	300	300	200
1200	300	300	300

Cabinet width W mm	Opening width w mm
600	426
800	626

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San Diego, CA, USA

Tel +1.800.854.7086

Europe, Middle East & India

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Betschdorf, France

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Warsaw, Poland

Tel +48 22 209 98 35

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