SZB IT 19" NETWORK/SERVER CABINETS

DESCRIPTION

STANDARD CABINETS WITH FRONT GLASS DOOR WITH METAL SIDES
available in constant supply from warehouse

SCOPE OF DELIVERY

- Bolted frame (bottom plate, top plate, four posts).
- Front glass door with metal sides and lock with swing handle; cabinets 45 or 42 U high have a three-point lock, cabinets 24 U high have a single-point lock.
- Rear solid metal, shortened door with single-point locks without handle; 3U cable entry panel with a brush strip, mounted under the shortened door.
- Two solid metal side panels with single-point locks.
- Two pairs of 19" mounting profiles, type STANDARD, stepless adjustable.
- Earthing bar and earthing conductors for doors and side panels.
- Four levelling feet.

TECHNICAL DATA

Material
Frame, side panels, solid metal door, mounting profiles, C-profiles - sheet steel.
Door with glass - sheet steel, clear mineral safety glass
Outriggers - zamak casting.

Protection degree
IP 20 in accordance with EN 60529
(does not apply to brush cable entries).

Surface finishing
Frame, doors, side panels
- powder paint, light grey (RAL 7035).
Mounting profiles, C-profiles
- Al-Zn coated.

Maximum load capacity
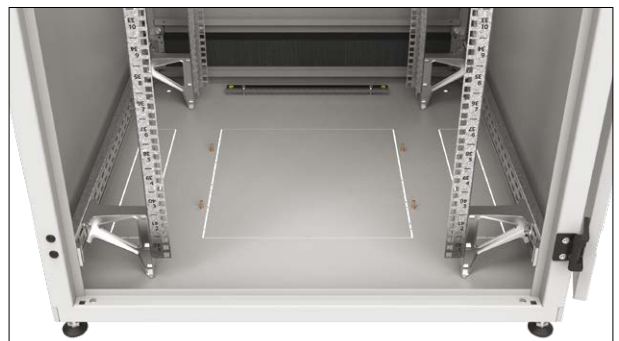See page 30

ADVANTAGES

- Cable openings in the top and bottom plates, 71 mm wide, what allows to put thought the power cords with three-phase plug.
- All openings in the top and bottom plates blanked with knock-out blanking plates.
- U-marking on the mounting profiles.
- Maximum opening angle for front door – 270°
- Possibility to change door opening's direction.
- Possibility to put the cabinet directly on the floor (no protruding elements under the cabinet).
- Adaptation for bying the cabinets in the rows.

ACCESSORIES from page 59

- **Roof** page 74
- **Plinth, castors** page 60
- **Fan units** page 88
- **Blanking and cable entry plates** page 75
- **Power strips** page 96
- **Shelves** page 64
- **Mounting guides** page 71
- **Cable trays** page 83
- **Masking panels** page 77

REFERENCE CHART

Height [U]	Width [mm]	Depth [mm]	RAL colour	Catalogue number
24 U	600	600	7035	WZ-IT-246060-69AA-2-011
		800	7035	WZ-IT-246080-69AA-2-011
	800	600	7035	WZ-IT-248060-69AA-2-011
		800	7035	WZ-IT-248080-69AA-2-011
42 U	600	600	7035	WZ-IT-426060-69AA-2-011
		800	7035	WZ-IT-426080-69AA-2-011
	800	600	7035	WZ-IT-428060-69AA-2-011
		800	7035	WZ-IT-428080-69AA-2-011
45 U	600	600	7035	WZ-IT-456060-69AA-2-011
	800	800	7035	WZ-IT-458080-69AA-2-011
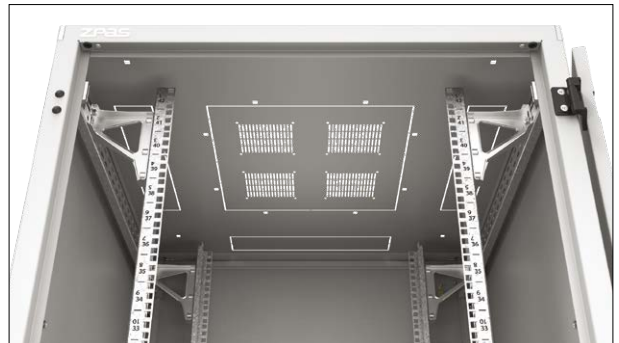
View on the top plate

View on the bottom plate. Under the rear door is mounted 3U cable entry panel with a brush strip.

SZB IT network/server cabinets

DATA COMMUNICATION SOLUTIONS

FLOOR-STANDING CABINETS AND OPEN RACKS

NETWORK/SERVER CABINETS   **SZB IT** ¹⁹"

DESCRIPTION

Hinges enabling opening door by 270°

Cabinet 600 mm wide

Holes for baying cabinets in a row

Three-point rod-latch lock with a swing handle

Additional holes for hinges, allowing to change the door opening direction

Cabinet 800 mm wide

U-marking on the mounting profiles

max 270°

See the video:
zpas.pl/qr/f10

SZB IT 19" NETWORK/SERVER CABINETS

DESCRIPTION

STANDARD CABINETS WITH PERFORATED DOOR
available in constant supply from warehouse

SCOPE OF DELIVERY

- Bolted frame (bottom plate, top plate, four posts).
- Front and rear perforated metal door (clearance 80%, proportion of the perforated area in total door area up to 86%) with three-point lock with swing handle.
- Two solid metal side panels with single-point locks.
- Two pairs of 19" mounting profiles, type STANDARD, stepless adjustable.
- Earthing bar.
- Earthing conductors for doors and side panels.
- Four levelling feet.

TECHNICAL DATA

Material
Frame, side panels, doors, mounting profiles,
C-profiles - sheet steel.
Outriggers - zamak casting.

Protection degree
IP 20 in accordance with EN 60529
(does not apply to brush cable entries).

Surface finishing
Frame, doors, side panels
- powder paint, light grey (RAL 7035) or black (RAL 9005).
Mounting profiles, C-profiles
- Al-Zn coated.

Maximum load capacity
See page 30

ACCESSORIES from page 59

- **Roof** page 74
- **Plinth, castors** page 60
- **Fan units** page 88
- **Blanking and cable entry plates** page 75
- **Power strips** page 96
- **Shelves** page 64
- **Mounting guides** page 71
- **Cable trays** page 83
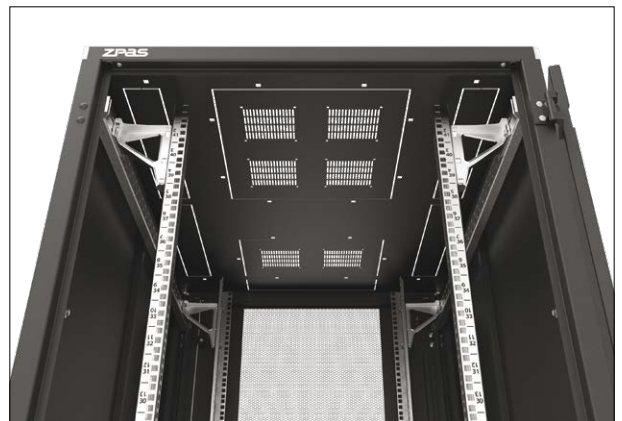- **Masking panels** page 77

ADVANTAGES

- Cable openings in the top and bottom plates, 71 mm wide, what allows to put thought the power cord with three-phase plug.
- All openings in the top and bottom plates blanked with knock-out blanking plates.
- U-marking on the mounting profiles.
- Maximum opening angle for front and rear door – 270°
- Possibility to change door opening's direction.
- Possibility to put the cabinet directly on the floor (no protruding elements under the cabinet).
- Adaptation for bying the cabinets in the rows and Data Box creation (cold/hot aisle).

View on the top plate

View on the bottom plate

REFERENCE CHART

Height [U]	Width [mm]	Depth [mm]	RAL colour	Catalogue number
42 U	600	1000	7035	WZ-IT-426010-44AA-2-011
	600	1000	9005	WZ-IT-426010-44AA-2-161
	800	1000	7035	WZ-IT-428010-44AA-2-011
	800	1000	9005	WZ-IT-428010-44AA-2-161

Other available configurations are presented on pages 30-31

SZB IT network/server cabinets	FLOOR-STANDING CABINETS AND OPEN RACKS
DATA COMMUNICATION SOLUTIONS	

NETWORK/SERVER CABINETS **SZB IT ¹⁹"**

DESCRIPTION
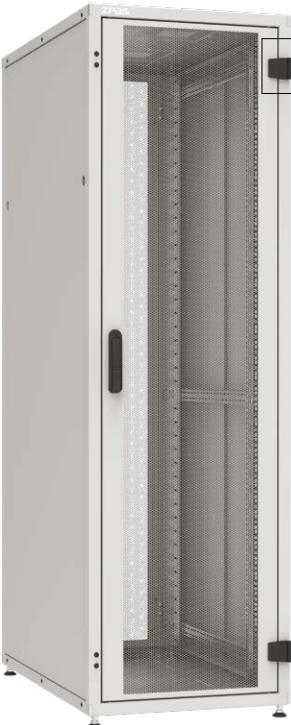
Hinges enabling opening door by 270°

Cabinet 600 mm wide

Holes for baying cabinets in a row

Additional holes for hinges, allowing to change the door opening direction

Cabinet 800 mm wide

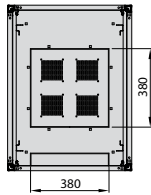**U-marking on the mounting profiles**

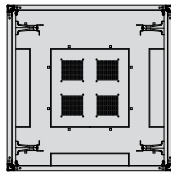**Three-point rod-latch lock with a swing handle**

max 270°

SZB IT 19" NETWORK/SERVER CABINETS
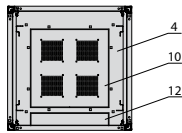
DESIGN

A-A section
(800 mm deep cabinet)

B-B section
(800 mm deep cabinet)

A-A section
(600 mm deep cabinet)

B-B section
(600 mm deep cabinet)
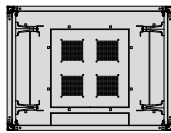
Front view
(600 mm wide cabinet)

Front view
(800 mm wide cabinet)

Side view
(600 mm deep cabinet)

Side view
(800 mm deep cabinet)

C-C section
(600 mm deep cabinet)
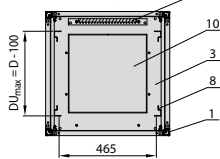
D-D section
(600 mm deep cabinet)
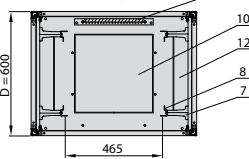
C-C section
(800 mm deep cabinet)
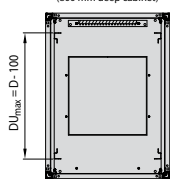
D-D section
(800 mm deep cabinet)
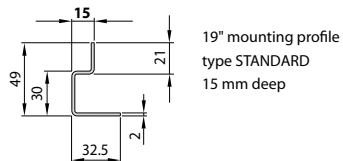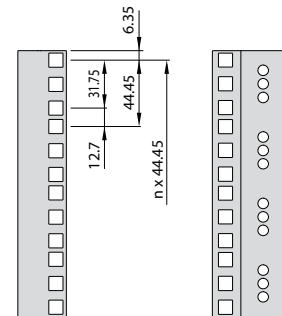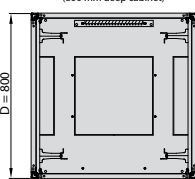
DESIGN

1. Frame's post
3. Frame's bottom plate
4. Frame's top plate
5. Adjustable feet
6. C-profile for 15 mm deep mounting profiles
7. Outrigger
8. 19" mounting profile, type STANDARD, 15 mm deep
9. Earthing bar
10. Knock-out blanking plate 380 x 380 mm
12. Knock-out blanking plate 380 x 71 mm

Note:
The cabinet in the drawing is shown without any panels or doors.

19" mounting profile
type STANDARD
15 mm deep

NETWORK/SERVER CABINETS SZB IT 19"

DESIGN

M-M section
(1200 mm deep cabinet)

N-N section
(1200 mm deep cabinet)

M-M section
(1000 mm deep cabinet)

N-N section
(1000 mm deep cabinet)

Front view
(600 mm wide cabinet)

Front view
(800 mm wide cabinet)

Side view
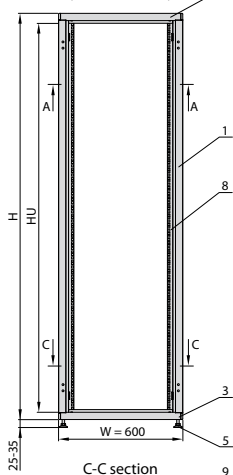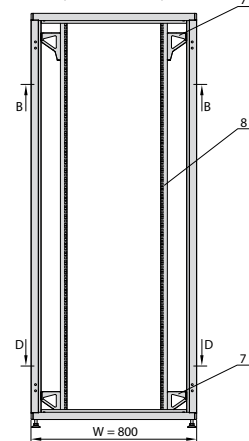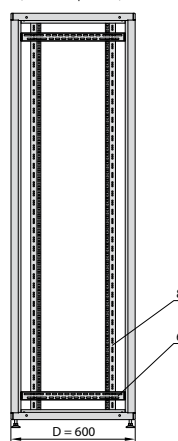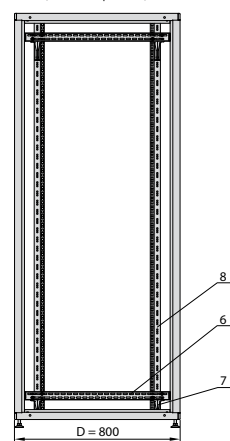(1000 mm deep cabinet)

Side view
(1200 mm deep cabinet)

O-O section
(1000 mm deep cabinet)

P-P section
(1000 mm deep cabinet)

O-O section
(1200 mm deep cabinet)

P-P section
(1200 mm deep cabinet)

DESIGN

1. Frame's post
2. Frame's middle post
3. Frame's bottom plate
4. Frame's top plate
5. Adjustable feet
6. C-profile for 12 mm deep mounting profiles
7. Outrigger
8. 19" mounting profile, type PREMIUM*, 12 mm deep
9. Earthing bar
10. Knock-out blanking plate 380 x 380 mm
11. Knock-out blanking plate 380 x 210 mm
12. Knock-out blanking plate 380 x 71 mm

Note:
The cabinet in the drawing is shown without any panels or doors.

*) Cabinets in standard configuration (see pages 26-27) are equipped with STANDARD type of mounting profiles.

19" mounting profile
type PREMIUM
12 mm deep

PREMIUM mounting profiles are an option. They have got additional openings for assembling e.g. power strips, cable clamps or others.
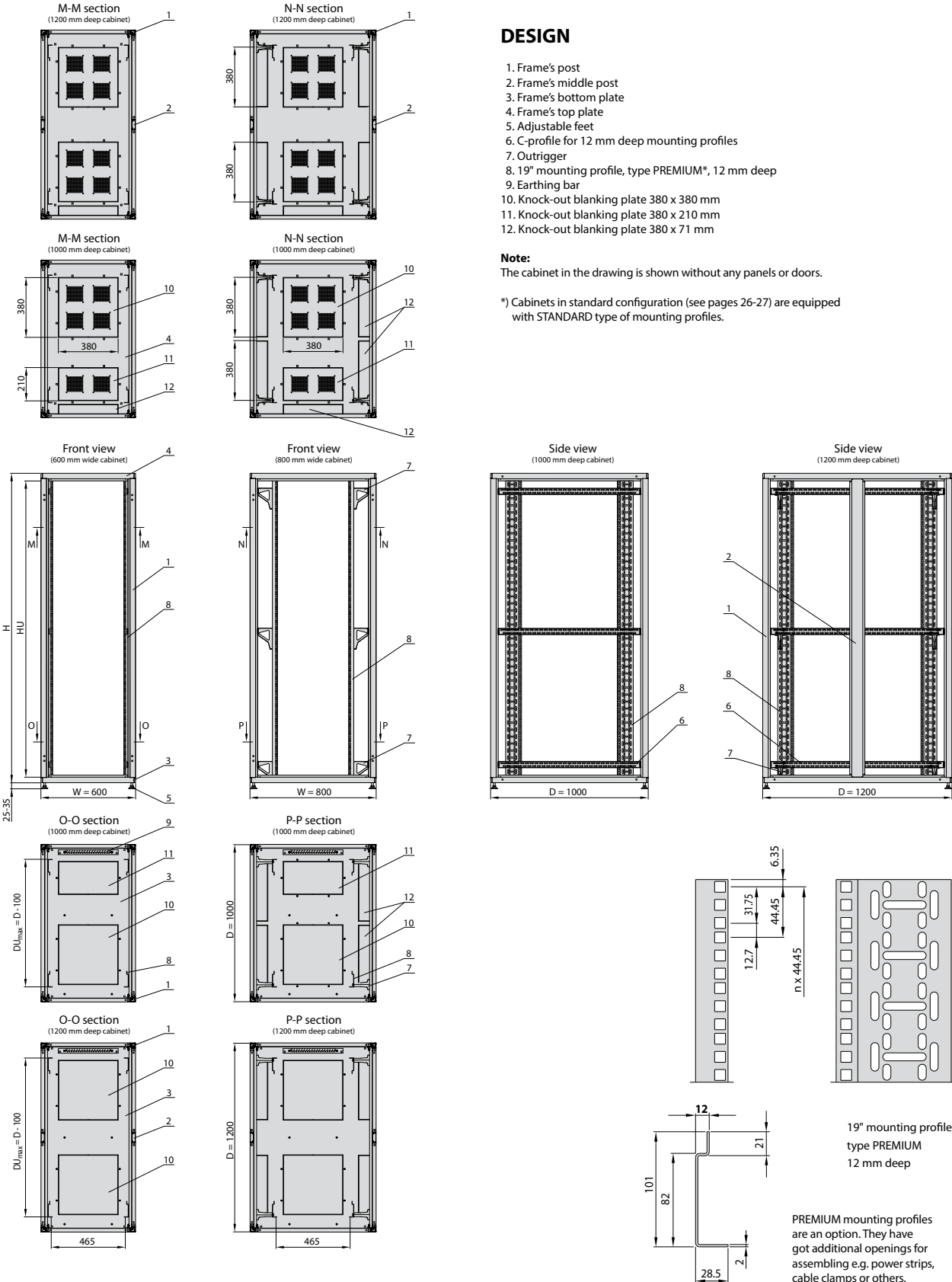
SZB IT 19" NETWORK/SERVER CABINETS

CONFIGURATOR

REFERENCE CHART

Width W [mm]	Depth D [mm]	Reference number					
600	600	186060	246060	336060	426060	456060	—
	800	186080	246080	336080	426080	456080	—
	1000	—	246010	—	426010	456010	476010
	1200	—	—	—	426012	456012	476012
800	600	188060	248060	338060	428060	458060	—
	800	188080	248080	338080	428080	458080	—
	1000	—	248010	—	428010	458010	478010
	1200	—	—	—	428012	458012	478012
Usable height HU [U = 44.45 mm]		18 U	24 U	33 U	42 U	45 U	47 U
Frame height H [mm]		896	1163	1563	1963	2096	2186

Note: Cabinets available in constant supply from warehouse are listed and described on pages 24-27.

CATALOGUE NUMBER OF SZB IT CABINET

WZ-IT-XXXXXX-XXXX-X-XXX

Reference number
specifies the cabinet's overall dimensions (see reference chart).

| F - FRONT | R - REAR |

Door or panel types:
0 - without door or without panel
1 - glass door with single-point lock without handle
2 - single-leaf solid metal door with lock with swing handle
3 - double-leaf solid metal door with lock with swing handle
4 - single-leaf perforated door (80% clearance) with lock with swing handle
5 - double-leaf perforated door (80% clearance) with lock with swing handle
6 - glass door with metal sides and lock with swing handle
7 - double-leaf metal door with glass and lock with swing handle
8 - metal door with glass and lock with swing handle
9 - solid metal, shortened door with single-point locks without handle and 3U cable entry panel with a brush strip, mounted under the shortened door
A - solid metal panel with single-point locks
B - perforated metal panel (80% clearance) with single-point locks

Maximum door opening angle: 1, 2, 3, 4, 5, 6, 8 – 270° 9 – 110°

Type of lock with handle:

Cabinets height: 33-47 U
- three-point rod-latch lock

Cabinets height: 18-24 U
- single-point lock

33-47 U

18-24 U

Cabinet's colour:
011 - RAL 7035   161 - RAL 9005

Layout of mounting profiles or mounting angles inside the cabinet:
1 - two pairs of 19" mounting profiles type STANDARD and one pair of middle mounting profiles type STANDARD 15 mm deep
2 - two pairs of 19" mounting profiles type STANDARD
3 - two pairs of 19" mounting angles
4 - two pairs of 19" mounting profiles type PREMIUM
5 - two pairs of 19" mounting profiles type PREMIUM and one pair of middle mounting profiles type STANDARD 12 mm deep

| LS - LEFT SIDE | RS - RIGHT SIDE |

Side panel types:
0 - without any panel
A - solid metal panel with single-point locks
B - perforated metal panel (80% clearance) with single-point locks
D - solid metal partition panel

Note:
The delivery of each SZB IT cabinet (except for elements listed in cat. no.) includes the following: four levelling feet, earthing bar and earthing conductors for door and side panels. Other equipment (roof, plinth, castors, blanking and cable entry plates, shelves etc.) are ordered separately - see pages 59-110).

Maximum load capacity for SZB IT cabinets
The maximum weight of equipment mounted in SZB IT cabinets is:
1000 kg* - for cabinets' depth 600 or 800 mm for all heights based on levelling feet, plinth or directly on the floor
- for cabinets' depth 1000 mm and height 24U based on levelling feet, plinth or directly on the floor
1500 kg* - for cabinets' depth 1000 or 1200 mm based on levelling feet, plinth or directly on the floor (except height 24U)
  150 kg - for cabinet with castors type 150
  500 kg - for cabinet with castors type 300

*) Declared carrying capacity is valid if maintaining the maximum distance between mounting profiles on the depth and even loading.

SZB IT network/server cabinets

DATA COMMUNICATION SOLUTIONS

FLOOR-STANDING CABINETS AND OPEN RACKS

NETWORK/SERVER CABINETS **SZB IT** ¹⁹"

CONFIGURATOR

AVAILABLE DOOR TYPES AND PANELS

[1] Glass door

[2] Single-leaf solid metal door

[3] Double-leaf solid metal door

[4] Single-leaf perforated door (80% clearance)

[5] Double-leaf perforated door (80% clearance)
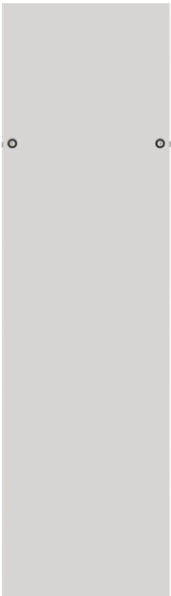
[6] Glass door with metal sides

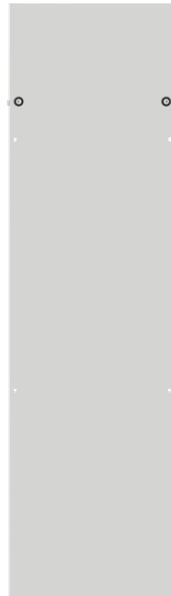**[7] Double-leaf metal door with glass**

[8] Metal door with glass

[9] Solid metal, shortened door + 3U cable entry panel with a brush strip

[A] Solid metal panel

[B] Perforated metal panel (80% clearance)

[D] Solid metal partition panel