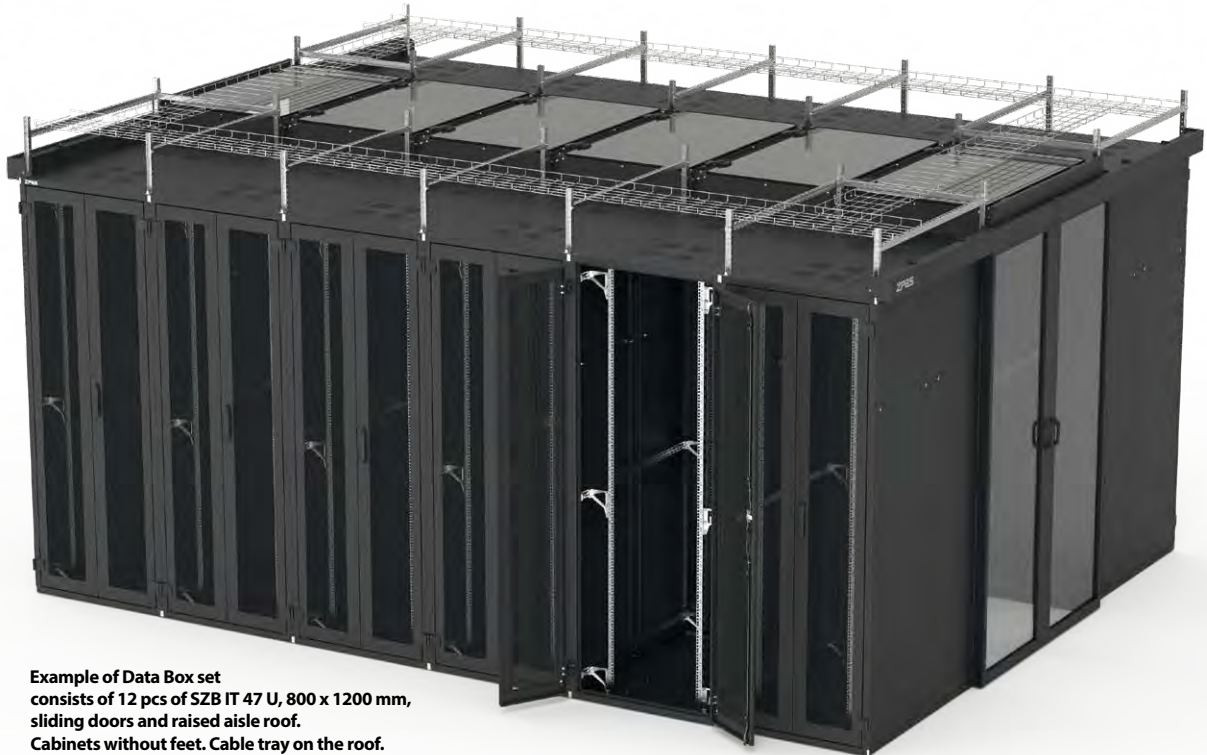F-rack
Systems AB

SZB/DSR IT 19" SERVER CABINETS

COLD AISLE INSTALLATIONS

Cold aisle installation

The **SZB IT Data Box** solution physically separates the air distributed by air conditioners and the hot air generated by operating equipment.

SZB IT Data Box optimises the usability of the data centre infrastructure.

**Example of Data Box set
consists of 12 pcs of SZB IT 47 U, 800 x 1200 mm,
sliding doors and raised aisle roof.
Cabinets without feet. Cable tray on the roof.**

**Example of Data Box set consists of:
4 pcs of SZB IT 42 U, 800 x 1000 mm,
2 pcs of DSR IT 42 U, 800 x 1000 mm
with 2 compartments,
2 pcs of DSR IT 42 U, 800 x 1000 mm
with 4 compartments,
sliding doors, flat aisle roof.
Cabinets on 100 mm plinth.**

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

F-rack Systems AB

Cold aisle sliding door

Manual sliding glass doors without a lock. Opened along the entire width of the aisle. Supplied with a roof masking panel and cabinet side panels.
Designed for cold aisle **1200 mm** wide.

Material
Aluminium profiles; safety glass; sheet steel powder painted in light grey (RAL 7035) or black (RAL 9005).

Scope of delivery
Two sliding door leaves with rails, runners and self-closer, two or four cabinet side panels (depending on the depth of the cabinets), aisle roof masking panel, fixing accessories.

WZ-8848-01-03-161
Cold aisle sliding door for Data Box 47 U, 1200 mm, without feet or plinth, with raised roof

WZ-8848-01-06-161
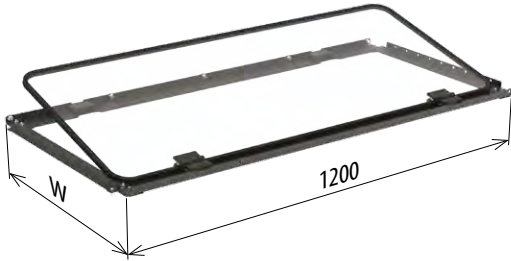Cold aisle sliding door for Data Box 42 U, 1000 mm, with plinth and flat roof

WZ-8848-01-06-161
Cold aisle sliding door for Data Box 47 U, 1200 mm, with feet and raised roof

For Data Box cabinets'		Catalogue number			
		Sliding door for aisle with raised roof		Sliding door for aisle with flat roof	
height	depth	RAL 7035	RAL 9005	RAL 7035	RAL 9005
42 U without feet or plinth	1000	WZ-8848-20-01-011	WZ-8848-20-01-161	WZ-8848-30-01-011	WZ-8848-30-01-161
	1200	WZ-8848-01-01-011	WZ-8848-01-01-161	WZ-8848-45-01-011	WZ-8848-45-01-161
47 U without feet or plinth	1000	WZ-8848-20-03-011	WZ-8848-20-03-161	WZ-8848-30-03-011	WZ-8848-30-03-161
	1200	WZ-8848-01-03-011	WZ-8848-01-03-161	WZ-8848-45-03-011	WZ-8848-45-03-161
42 U with feet	1000	WZ-8848-20-04-011	WZ-8848-20-04-161	WZ-8848-30-04-011	WZ-8848-30-04-161
	1200	WZ-8848-01-04-011	WZ-8848-01-04-161	WZ-8848-45-04-011	WZ-8848-45-04-161
47 U with feet	1000	WZ-8848-20-06-011	WZ-8848-20-06-161	WZ-8848-30-06-011	WZ-8848-30-06-161
	1200	WZ-8848-01-06-011	WZ-8848-01-06-161	WZ-8848-45-06-011	WZ-8848-45-06-161
42 U with plinth	1000	WZ-8848-20-07-011	WZ-8848-20-07-161	WZ-8848-30-07-011	WZ-8848-30-07-161
	1200	WZ-8848-01-07-011	WZ-8848-01-07-161	WZ-8848-45-07-011	WZ-8848-45-07-161
47 U with plinth	1000	WZ-8848-20-09-011	WZ-8848-20-09-161	WZ-8848-30-09-011	WZ-8848-30-09-161
	1200	WZ-8848-01-09-011	WZ-8848-01-09-161	DZ-8848-45-09-011	WZ-8848-45-09-161

Package: 1 set

SZB/DSR IT 19" SERVER CABINETS

COLD AISLE INSTALLATIONS

Cold aisle flat roof

Flat roof module for 1200 mm wide cold aisle. The transparent part of the module is tiltable. The modular design allows easy expansion and installation of lighting.
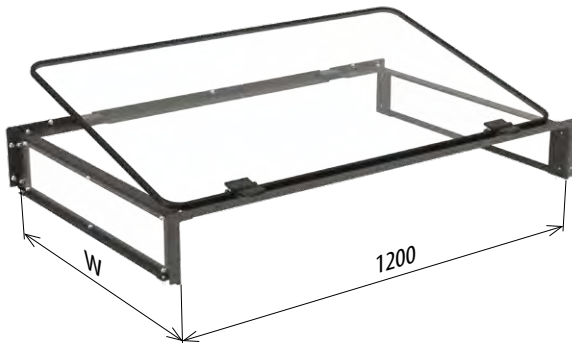
Material
Transparent plastic (polycarbonate); sheet steel powder painted in light grey (RAL 7035) or black (RAL 9005).

Scope of delivery
Roof module with fixing accessories.

Width W [mm]	Catalogue number	
	RAL 7035	RAL 9005
300	WZ-8848-60-04-011	WZ-8848-60-04-161
400	WZ-8848-60-05-011	WZ-8848-60-05-161
600	WZ-8848-60-02-011	WZ-8848-60-02-161
800	WZ-8848-60-01-011	WZ-8848-60-01-161

Package: 1 pc.

Cold aisle raised roof

Roof module with internal height of 150 mm for 1200 mm wide cold aisle. The top transparent element of the module is tiltable. The modular design allows easy expansion and installation of lighting.

Material
Transparent plastic (polycarbonate); sheet steel powder painted in light grey (RAL 7035) or black (RAL 9005).

Scope of delivery
Roof module with fixing accessories.

Width W [mm]	Catalogue number	
	RAL 7035	RAL 9005
300	WZ-8848-40-04-011	WZ-8848-40-04-161
400	WZ-8848-40-05-011	WZ-8848-40-05-161
600	WZ-8848-40-02-011	WZ-8848-40-02-161
800	WZ-8848-40-01-011	WZ-8848-40-01-161

Package: 1 pc.

SZB/DSR IT cabinets

DATA COMMUNICATION SOLUTIONS

FLOOR-STANDING CABINETS AND OPEN RACKS

SERVER CABINETS SZB/DSR IT 19"

Partition panel for cabinets baying in row

Side panel of the cabinet adapted as partition between cabinets baying in row. It is with four openings for clamp connectors bolts.
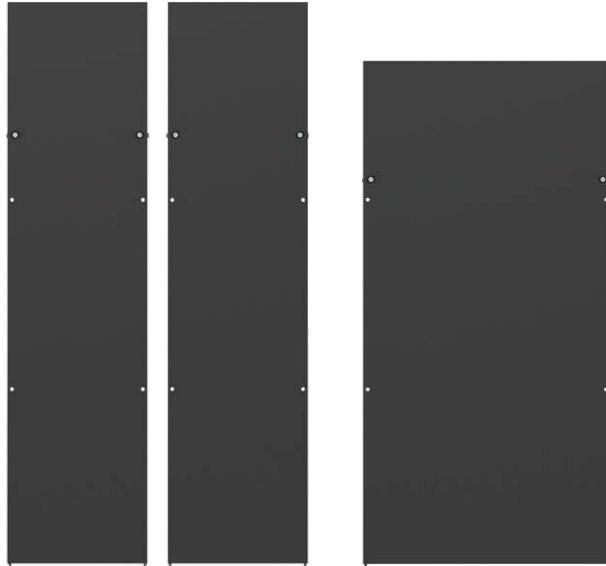
Material
Sheet steel powder painted in light grey (RAL 7035) or black (RAL 9005).

Scope of delivery
One-piece or two-piece complete partition panel with locks, fixing pins and an earthing conductor.

For cabinets'		Catalogue number	
height	depth	RAL 7035	RAL 9005
42 U	1200	WZ-8848-24-4212-011	WZ-8848-24-4212-161
	1000	WZ-8848-24-4210-011	WZ-8848-24-4210-161
47 U	1200	WZ-8848-24-4712-011	WZ-8848-24-4712-161
	1000	WZ-8848-24-4710-011	WZ-8848-24-4710-161

Package: 1 pc.

WZ-8848-24-4712-161
Two-parts partition panel
for cabinet SZBIT 47 U , 1200 mm deep

WZ-8848-24-4210-161
Partition panel
for SZB IT 42 U, 1000 mm deep

Set for baying SZB IT cabinets in rows

Set of elements for baying SZB IT cabinets.
One set is intended for baying two cabinets.
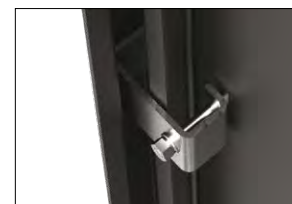
Material
Al-Zn coated sheet steel.

Scope of delivery
4 clamp connectors, 4 bolts M8 with nut.

Package	Catalogue number
1 set	WZ-8848-23-00-000

Baying frame posts
without partition panel

Baying frame posts
with partition panel

F-rack Systems AB

SZB/DSR IT 19" SERVER CABINETS

COLD AISLE INSTALLATIONS

WZ-8848-50-06-161
Cold aisle cover for Data Box set 47 U
with feet and raised roof

Cold aisle cover

It is an optional solution instead of sliding doors.
Designed for cold aisle **1200 mm** wide.

Material
Sheet steel powder painted in light grey (RAL 7035) or black (RAL 9005).

Scope of delivery
Cold aisle cover, aisle roof masking panel, sealing (for set on feet only), fixing accessories.

Data Box set 47 U with feet, raised roof
and cold aisle cover

For Data Box with cabinets' height	Catalogue number			
	Cover for aisle with raised roof		Cover for aisle with flat roof	
	RAL 7035	RAL 9005	RAL 7035	RAL 9005
42 U without feet or plinth	WZ-8848-50-01-011	WZ-8848-50-01-161	WZ-8848-50-10-011	WZ-8848-50-10-161
47 U without feet or plinth	WZ-8848-50-03-011	WZ-8848-50-03-161	WZ-8848-50-12-011	WZ-8848-50-12-161
42 U with feet	WZ-8848-50-04-011	WZ-8848-50-04-161	WZ-8848-50-13-011	WZ-8848-50-13-161
47 U with feet	WZ-8848-50-06-011	WZ-8848-50-06-161	WZ-8848-50-15-011	WZ-8848-50-15-161
42 U with plinth	WZ-8848-50-07-011	WZ-8848-50-07-161	WZ-8848-50-16-011	WZ-8848-50-16-161
47 U with plinth	WZ-8848-50-09-011	WZ-8848-50-09-161	WZ-8848-50-18-011	WZ-8848-50-18-161

Package: 1 set

SZB/DSR IT cabinets

DATA COMMUNICATION SOLUTIONS

FLOOR-STANDING CABINETS AND OPEN RACKS

SERVER CABINETS SZB/DSR IT 19"

Sealing masking strip for cabinet on feet

Sealing masking strip protects from getting cold air from the aisle to the space under the cabinet.

Material
Sheet steel powder painted in light grey (RAL 7035) or black (RAL 9005), black plastic.

Scope of delivery
Sealing masking strip with fixing accessories.

For cabinets' width [mm]	Catalogue number	
	RAL 7035	RAL 9005
800	WZ-8848-27-01-011	WZ-8848-27-01-161
600	WZ-8848-27-02-011	WZ-8848-27-02-161

Package: 1 pc

Cabinet equipped with sealing masking strip

Aisle lightening

Aisle can be equipped with modular lightening.
Available on request.

Example of light fittings mounted under the roof of the aisle

Cable trays systems

Data Box set can be equipped with cable trays system assembled on cabinets.
Available on request.