

Busbar system for substations and low voltage switchgears

1600 A

2

The system has been tested for up to 30 kA short-circuit current.

At short circuit < 30 kA used busbar support KSSTD 312/16 and if necessary the middle support MSBD 312/16.

Simple to connect power supply at rear with connection washer, AB 2500 CSS without modification to the busbar. Each busbar is lifted into place separately from the front prior to attachment.

Busbars and accessories

Connection washer, AB 2500 CSS

- For connection at the rear of the busbar.
- Fits busbars, KSFS 16183 CSS and KSFS 16151 CSS.

Busbar support, KSSTD 312/16

For wall mounting or in a frame. Can be mounted on a flat surface or between two opposite walls.

Middle support, MSBD 312/16

In order to fulfill the requirements for short-circuit strength normally a middle support is mounted when the distance between two busbar supports exceeds 1.25 meters.



KSSTD 312/16



MSBD 312/16



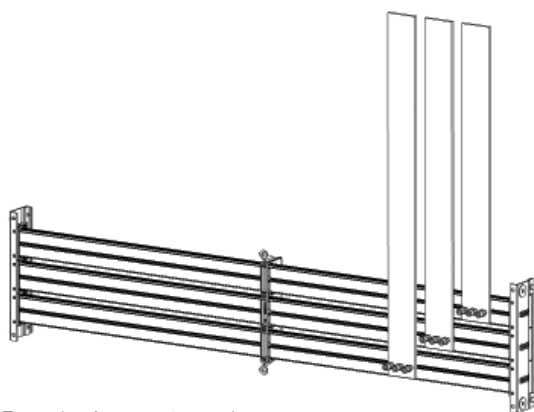
AB 2500 CSS



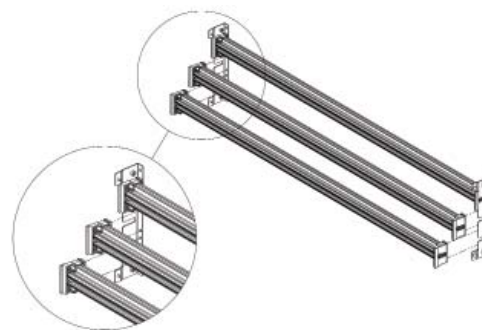
KSFS 16151 CSS
KSFS 16183 CSS



A complete installation as shown in this figure consists of two busbar supports, a middle support, three busbars and three connection washers.



Example of connection at the rear.



Quick installation, each busbar is lifted into place separately from the front prior to attachment.

Designation	ID No.	Degree of protection	Number of modules	Dimensions				Weight
				Height	Length	Width	Depth	
			M *		mm			kg/each
KSSTD 312/16	2CGX0 53320240	–	3	330	–	30	82	0.4
MSBD 312/16	2CGX0 53320241	–	1	318	–	9.5	82	0.9
AB 2500 CSS	2CGX0 53320248	IP0X	7	60		80	56	0.31
KSFS 16151 CSS	2CGX0 53320361	IP2X	151	70	1910	–	49	7.6
KSFS 16183 CSS	2CGX0 53320360	IP2X	183	70	2310	–	49	9.2

* One module M = 12.5 mm.