

# Busbar system for substations and low voltage switchgears 2500 A

2

The system has been tested for up to 65 kA short-circuit current.

Simple to connect power supply at rear with connection washer, AB 2500 CSS without any treatment of 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, KSST 325 CSS

Reinforced busbar support for wall mounting, includes an additional support for lateral movements.

### Middle support, MSB 325 CSS

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.

### Busbar support, KSST 325 CSS-F

Support for frame mounting. To be placed between two opposing walls, providing support for the busbars.



KSST 325 CSS



MSB 325 CSS



KSST 325 CSS F



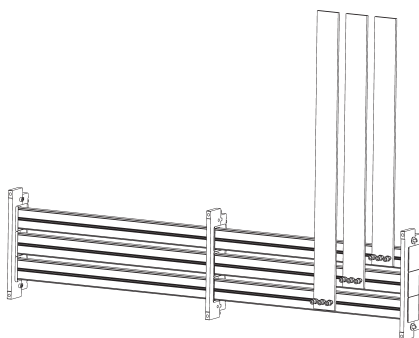
AB 2500 CSS



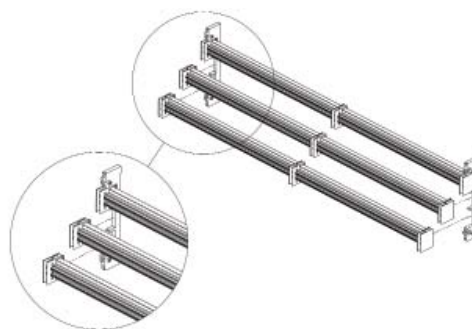
KSFS 25150 CSS  
KSFS 25182 CSS



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
KSST 325 CSS	2CGX0 53320251	–	4	365	–	43	114	2.4
MSB 325 CSS	2CGX0 53320250	–	2	365	–	19.5	114	1.2
KSST 325 CSS-F	2CGX0 53320249	–	3	365	–	27	114	1.2
AB 2500 CSS	2CGX0 53320248	IP0X	7	60	–	80	56	0.3
KSFS 25150 CSS	2CGX0 53320354	IP2X	150	70	1910	–	49	8.8
KSFS 25182 CSS	2CGX0 53320353	IP2X	182	70	2310	–	49	10.6

\* One module M = 12.5 mm.