

## ULTRAFLEXX ULTRA FLEXIBLE BUSBAR

Ultraflexx®

62551033

UFL 100-200-10, 100 mm<sup>2</sup> x 200 mm, ø10.5, 390 A

- CSA: 25mm<sup>2</sup> to 240mm<sup>2</sup>
- Rated current: up to 1200A with two parallel conductors
- Insulation: UL94 VO chlorine and fluorine free
- Voltage Rating - 1000VAC/1500VDC according to IEC 61439-1. 600VAC/750VDC According to UL
- Dielectric strength: 20kV/mm



### PRODUCT DESCRIPTION

Ultraflexx® busbar has a very high flexibility and is vibration proof; this is due to the braided construction.

The conductor ends are press welded and pre-drilled, therefore no crimps or clamps are required and contact resistance is at a minimum.

This busbar is available in lengths of 100mm to 1000m as standard, with a current rating of up to 700A.  
Custom lengths & hole sizes available on request.

The insulation used is halogen-free and flame retardant to UL224-VW1.

UL/CSA approved.

Voltage Rating - 1000VAC/1500VDC according to IEC 61439-1. 600VAC/750VDC According to UL

## TECHNICAL DATA

### GENERAL DATA

|                     |                          |
|---------------------|--------------------------|
| Colour              | Black                    |
| Cross section       | 100 mm <sup>2</sup>      |
| Current at ΔT 50°C  | 425 A                    |
| Approvals           | UL, CE, RoHS, EN50525    |
| Insulation material | Santoprene, halogen free |

### DIMENSIONS

|           |        |
|-----------|--------|
| Length    | 200 mm |
| Thickness | 5.9 mm |
| Width     | 20 mm  |

### AMPACITY

|                            |       |
|----------------------------|-------|
| Current at $\Delta T$ 30°C | 320 A |
|----------------------------|-------|

**ADDITIONAL DATA**

|                     |         |
|---------------------|---------|
| Dielectric strength | 20 kV/m |
|---------------------|---------|

|               |        |
|---------------|--------|
| Hole diameter | 10.5mm |
|---------------|--------|

|        |              |
|--------|--------------|
| Weight | 0.2161755 kg |
|--------|--------------|