

## ULTRAFLEXX ULTRA FLEXIBLE BUSBAR

Ultraflexx®

62158023  
UFL 25-1000-8/10, 25 mm<sup>2</sup> x 1000 mm, ø8.5/ø10.5,  
160 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       | 25 mm <sup>2</sup>       |
| Current at ΔT 50°C  | 160 A                    |
| Approvals           | UL, CE, RoHS, EN50525    |
| Insulation material | Santoprene, halogen free |

### DIMENSIONS

|           |         |
|-----------|---------|
| Length    | 1000 mm |
| Thickness | 1.4 mm  |
| Width     | 20 mm   |

AMPACITY

|                            |       |
|----------------------------|-------|
| Current at $\Delta T$ 30°C | 120 A |
|----------------------------|-------|

ADDITIONAL DATA

|                     |               |
|---------------------|---------------|
| Dielectric strength | 20 kV/m       |
| Hole diameter       | 8.5/10.5mm    |
| Weight              | 0.24014956 kg |