

**CU-FLEX**



**CU-FLEX FLEXIBLE BUSBARS**

**Tested flexible busbars**

Cu-flex is made of copper wires that are woven to a flexible busbar. By the use of an advanced technique, the ends of the busbar is forged to a solid unit, thus obtaining a contact surface that makes it possible to make maintenance-free connections.

## TESTED FLEXIBLE COPPER BUSBARS

Cu-flex busbars ensure a prompt and professional execution of electrical connections. The busbars are supplied ready for use! This means that you do not have to spend time on shortening, stripping the wires, making holes, or complicated bends.

Cu-flex has been tested and approved under various circumstances by i.a. DEKRA and DNV.

In addition Cu-flex is UL recognized in category "Component - Panelboard and Switchboard Accessories".



## ADVANTAGES WITH A CU-FLEX BUSBAR

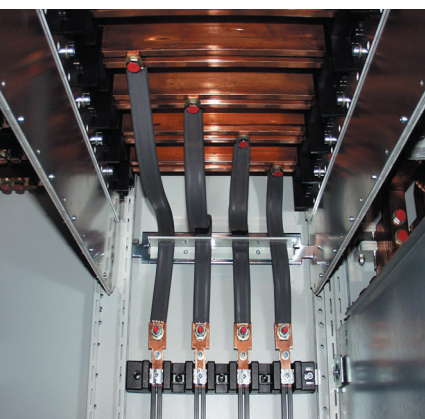
- Delivered ready for use
- No shortening, stripping or making holes for fitting required
- Multi-flexible
- Rated current at 30°C, up to 1040A
- Lengths 160 - 1120 mm / 6.3" - 44.1"
- Time-saving installation
- Does not contain dioxins
- Up to 1000V

## BUSBAR WITH A MINIMUM OF MAINTENANCE

A Cu-flex copper busbar is made of copper wires that are woven to create a flexible busbar. CUBIC's advanced technique forges the ends of the busbar into a solid unit. Thus obtaining a contact surface that makes it possible to produce maintenance-free connections. No tin or the like has been added.



Connection:  
Busbar to busbar



Connection:  
Between electrical components.

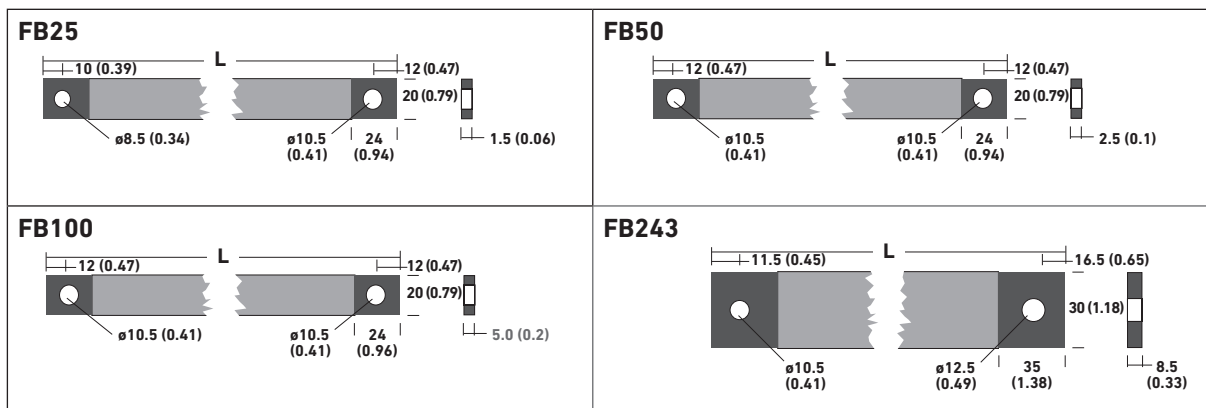
## CU-FLEX VERSIONS

Type \ mm (in)	160 (6.3)	224 (8.82)	288 (11.34)	352 (13.86)	416 (16.38)	480 (18.9)	544 (21.42)	608 (23.94)	672 (26.46)	736 (28.98)	800 (31.50)	864 (34.02)	928 (36.54)	1120 (44.1)
FB25	•	• <sup>1)</sup>	•	•	• <sup>1)</sup>	•	•	•	•					
FB50	• <sup>1)</sup>	•	•	•	•	• <sup>1)</sup>	•	•	•	•	•	•	•	•
FB100	•	•	•	•	•	•	•	•	•	•	•	•	•	•
FB243			•	•	•	•	•	•	•	•	•	•	•	•

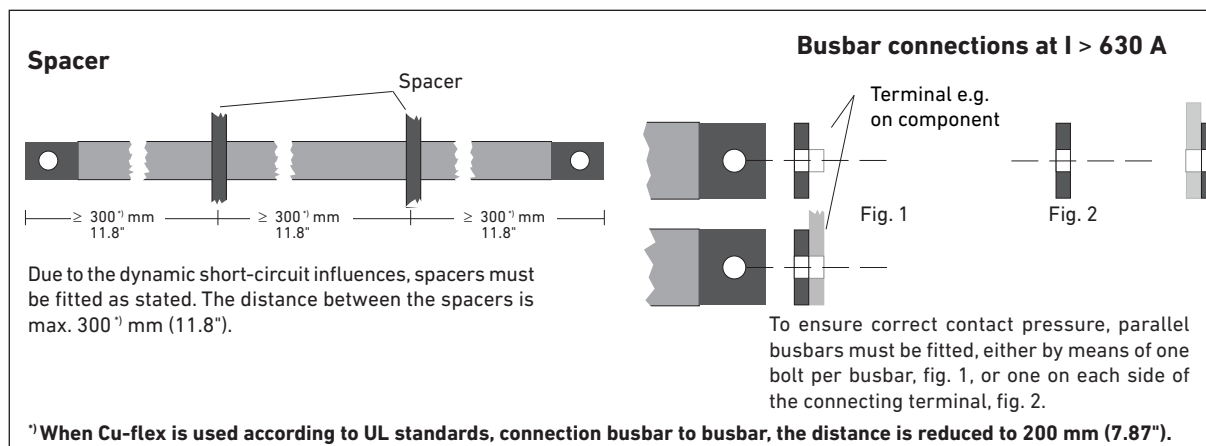
Example: Type + length in mm + Q1, e.g. = FB100544Q1, FB243928Q1

<sup>1)</sup> Also available with green/yellow insulation. "PE" is added in front of type No. e.g. PE-FB50160Q1.

## DIMENSIONS mm (in)




## MOUNTING PRINCIPLES



## RATED CURRENT AT 30°C [IN]

FB25	FB50	FB100	2 x FB100	FB243	2 x FB243
190 A	295 A	420 A	645 A	690 A	1040 A

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Publication CUBIC-BR001B-EN-P-August 2023

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