

INSULATED MULTI LAMINATE FLEXIBLE COPPER BUS-BARS

TYPE: BFX

FEATURES

- Supplied in 2 metre lengths
- Easy & quick shaping due to laminate flexibility
- Increased safety due to insulation
- Max rated voltage 1000VAC / 1500VDC
- UL certified



DESCRIPTION

Teknomega flexible multi laminate copper bus-bars are manufactured of red copper laminates (Cu ETP) coated with an extruded PVC insulation which gives excellent electrical insulation even in the presence of aggressive temperatures and environments. Supplied in 2 metre lengths, flexible bus-bars is an ideal alternative to cable or rigid copper bars in the connection of electrical devices, especially the handling of higher currents within a control panel environment rather than a full blown switchboard.

ORDERING INFORMATION

P/No	Width mm*	Reference**	Temperature Rise 50°C*** Above Ambient Max Amps	Section mm ²	Max Fault Amps 1sec
BFX1035	15.5	2x15.5x0.8	320	50	4314
BFX1050	15.5	10x15.5x0.8	440	124	10784
BFX1055	20	2x20x1	280	40	3479
BFX1060	20	3x20x1	350	60	5218
BFX1085	24	2x24x1	350	48	4174
BFX1090	24	3x24x1	400	72	6262
BFX1100	24	5x24x1	510	120	10436
BFX1125	32	3x32x1	490	96	8349
BFX1135	32	5x32x1	650	160	13915
BFX1200	50	5x50x1	925	250	21742
BFX1215	50	10x50x1	1380	500	35150

*The insulation thickness is 2mm, therefore the maximum width including insulation increases by 4mm

**Reference example BFX1100 5x24x1 = 5 laminates of 24mm width and 1mm thickness

***Other temperature rise current figures of between 20°C and 65°C available on request

SPECIFICATIONS

Conductor

Material: Electrolytic copper Cu-ETP
Purity: 99.9%

Insulation

Material: Self extinguishing PVC UL94-VO
Thickness: 2mm

Finished Product

Dielectric rigidity: 20KV/mm
Max rated voltage: 1000VAC / 1500VDC
Working Temp. range: -40°C to +105°C

Approvals

Calculations to: IEC 61439-1
UL file No. E300607

