

FLAIX RANGE

Flexible insulated power braid

AVAILABLE SHIPMENT
WITHIN 24 HOURS



Insulated copper braids are used for power connections between busbars and devices, helping to ensure safe and efficient electrical connections. Our range comprises 36 references covering a range from 125 to 1000 A and lengths from 230 to 1030 mm in 100 mm increments.



Flexibility

Our tin-plated copper braid is renowned for its flexibility. Its structure allows it to be adapted to multiple configurations, and its narrow width makes it compatible with the majority of electrical appliances on the market.



Ready to use

Our range is ready to use. No cutting, stripping, drilling or even bending is required for installation. This saves time for panel builders.



Compatibility

Products suitable with Schneider, Legrand, ABB, Siemens...



Temperature

Temperature resistance up to 140°C.



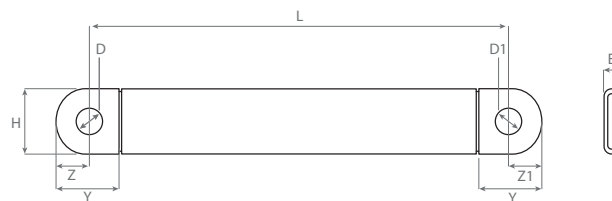
No tools

No tools required for assembly.

Technical specifications

Insulation	
Materials	TPE self-extinguishing
Standards	UL - 94 V0, halogen-free
Thickness	1.2 - 1.8 mm
Color	Black
Tin-plated braid	
Terminal	Cu-DHP UNI EN 12449
Copper wire	Cu-ETP UNI EN13602 - Ø 0.2 mm
Finished product	
Dielectric strength	20 kV / mm
Dielectric strength	1000 Vac / 1500 Vdc
Operating temperature	-40°C / +140°C
Storage temperature	0°C / + 50°C
Standards	CE, Classe II

Dimensions

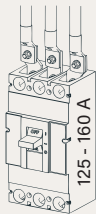
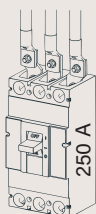
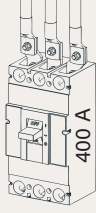
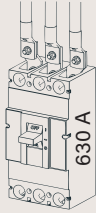


Section mm ²	x 2
25	1.70
50	1.70
120	1.65
240	1.55

Derating coefficient for using braids in parallel.

References

Sizes are based on a temperature rise of 50°C and a reference ambient temperature of 35°C.

Reference	Rating	Cross section mm ²	Dimensions (mm)							
			E	L	H	Y	Z	D	Z1	D1
FL025230		25	5	230	12	14	6.5	6.5	6.5	6.5
FL025330		25	5	330	12	14	6.5	6.5	6.5	6.5
FL025430		25	5	430	12	14	6.5	6.5	6.5	6.5
FL025530		25	5	530	12	14	6.5	6.5	6.5	6.5
FL025630		25	5	630	12	14	6.5	6.5	6.5	6.5
FL025730		25	5	730	12	14	6.5	6.5	6.5	6.5
FL025830		25	5	830	12	14	6.5	6.5	6.5	6.5
FL025930		25	5	930	12	14	6.5	6.5	6.5	6.5
FL0251030		25	5	1030	12	14	6.5	6.5	6.5	6.5
FL050230			50	5.5	230	20	22	9	8.5	11
FL050330	50		5.5	330	20	22	9	8.5	11	10.5
FL050430	50		5.5	430	20	22	9	8.5	11	10.5
FL050530	50		5.5	530	20	22	9	8.5	11	10.5
FL050630	50		5.5	630	20	22	9	8.5	11	10.5
FL050730	50		5.5	730	20	22	9	8.5	11	10.5
FL050830	50		5.5	830	20	22	9	8.5	11	10.5
FL050930	50		5.5	930	20	22	9	8.5	11	10.5
FL0501030	50		5.5	1030	20	22	9	8.5	11	10.5
FL120230			120	7	230	32	32	11	10.5	11
FL120330		120	7	330	32	32	11	10.5	11	10.5
FL120430		120	7	430	32	32	11	10.5	11	10.5
FL120530		120	7	530	32	32	11	10.5	11	10.5
FL120630		120	7	630	32	32	11	10.5	11	10.5
FL120730		120	7	730	32	32	11	10.5	11	10.5
FL120830		120	7	830	32	32	11	10.5	11	10.5
FL120930		120	7	930	32	32	11	10.5	11	10.5
FL1201030		120	7	1030	32	32	11	10.5	11	10.5
FL240230			240	12	230	32	32	12	10.5	14
FL240330	240		12	330	32	32	12	10.5	14	12.5
FL240430	240		12	430	32	32	12	10.5	14	12.5
FL240530	240		12	530	32	32	12	10.5	14	12.5
FL240630	240		12	630	32	32	12	10.5	14	12.5
FL240730	240		12	730	32	32	12	10.5	14	12.5
FL240830	240		12	830	32	32	12	10.5	14	12.5
FL240930	240		12	930	32	32	12	10.5	14	12.5
FL2401030	240		12	1030	32	32	12	10.5	14	12.5