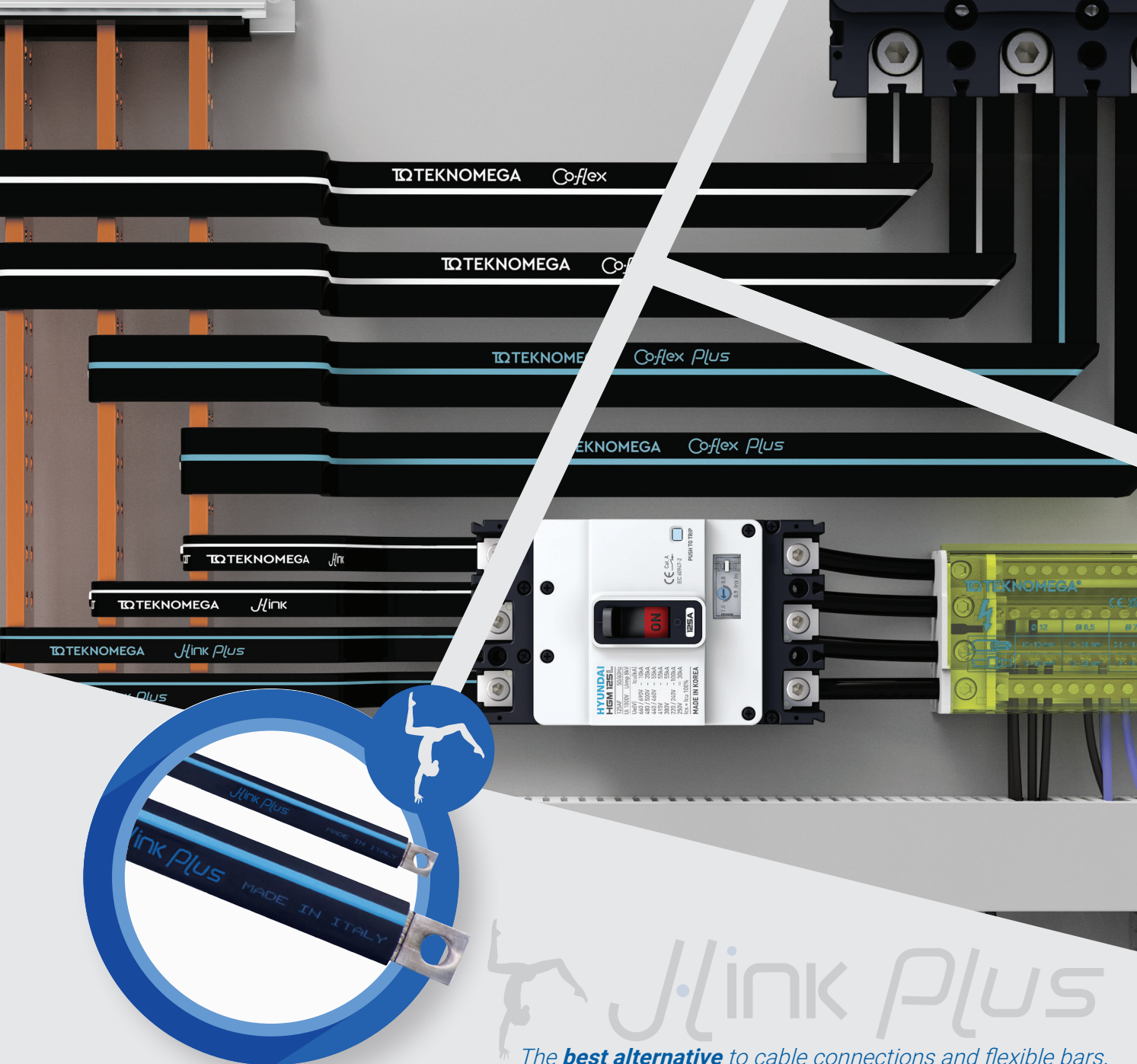




The **best alternative** to cable connections and flexible bars.

FLEXIBLE COPPER BRAIDED LINKS

J-LINK is a ready-to-use flexible prefabricated shunt made of tinned copper braid. The quickest and most convenient solution to create electrical connections from 125 to 630A. **J-LINK PLUS** is TPE-insulated, with blue scale and a **maximum operating temperature of 140 °C**.

ABOUT US

Since 1968, Mechtric has been a trusted partner to Australian industry, providing innovative and reliable engineering solutions.

We supply and support automation, switchgear, drives, motor control, AC and DC motors, and hazardous-area and industrial signalling products, sourced from leading manufacturers worldwide.

Our focus is on solving the toughest challenges with solutions that deliver long-term efficiency and value, backed by strong nationwide technical support.

STATS & NUMBERS



Global Brands

Partnerships with trusted **global brands** to deliver innovative and reliable industrial solutions.



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An extensive range of over **10,000** engineering products, delivering innovative solutions for a wide range of industries.



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Seamless access to **products, services, and technical support** from our branches across Australia.

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High-performance solutions for precise and reliable motion control.



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Control & Instrumentation:

Precision tools for monitoring and seamless control.



Power Quality & Energy Management:

Solutions to optimise energy efficiency and reliability.



Safety:

Advanced safety solutions to protect personnel and equipment in industrial environments.

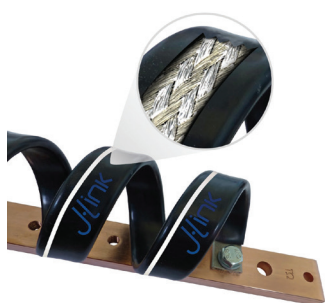


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Flexible copper braided links

L



Insulated copper braided links *highly flexible braided copper link with PVC insulation*

No cutting - no stripping - no lug - no crimping

J-LINK Plus is a ready-to-use flexible prefabricated shunt made of tinned copper braid, coated with PVC insulation. for the quickest, most convenient solution to create electrical connections from 125 to 630 A.

- Conductor: Tinned electrolytic copper braid Cu-ETP 99.90% (wire strand 0.20 mm)
- Insulation: Self-extinguishing PVC UL94V0 (thickness 1.8 - 2 mm)
- Dielectric rigidity: 20 kV / mm
- Rated voltage: 1000 VAC / 1500 VDC
- Working temperature: -40°C ... +140°C
- Standard length: 330 ... 1030 mm lengths

type	conductor size (mm)				ΔT (°K) max. current capacity (A) at ΔT (°K) as per IEC 439-1				description
	width	thickness	length	cross sec. (mm ²)	35°	45°	55°C	70°C	
25 mm ² insulated braided links					mounting holes: Ø d1=8.5 / Ø d2=10.5 mm				
JLP 25-330	20	4.3	330	25	144	181	203	243	insulated braided shunt
JLP 25-430	20	4.3	430	25	144	181	203	243	insulated braided shunt
JLP 25-530	20	4.3	530	25	144	181	203	243	insulated braided shunt
JLP 25-630	20	4.3	630	25	144	181	203	243	insulated braided shunt
JLP 25-730	20	4.3	730	25	144	181	203	243	insulated braided shunt
JLP 25-930	20	4.3	930	25	144	181	203	243	insulated braided shunt
35 mm ² insulated braided links					mounting holes: Ø d1=8.5 / Ø d2=10.5 mm				
JLP 35-330	20	4.9	330	35	176	222	249	301	insulated braided shunt
JLP 35-430	20	4.9	430	35	176	222	249	301	insulated braided shunt
JLP 35-530	20	4.9	530	35	176	222	249	301	insulated braided shunt
JLP 35-630	20	4.9	630	35	176	222	249	301	insulated braided shunt
JLP 35-730	20	4.9	730	35	176	222	249	301	insulated braided shunt
JLP 35-930	20	4.9	930	35	176	222	249	301	insulated braided shunt
JLP 35-1030	20	4.9	1030	35	176	222	249	301	insulated braided shunt
50 mm ² insulated braided links					mounting holes: Ø d1=8.5 / Ø d2=10.5 mm				
JLP 50-330	20	5	330	50	214	270	304	367	insulated braided shunt
JLP 50-430	20	5	430	50	214	270	304	367	insulated braided shunt
JLP 50-530	20	5	530	50	214	270	304	367	insulated braided shunt
JLP 50-630	20	5	630	50	214	270	304	367	insulated braided shunt
JLP 50-730	20	5	730	50	214	270	304	367	insulated braided shunt
JLP 50-930	20	5	930	50	214	270	304	367	insulated braided shunt
JLP 50-1030	20	5	1030	50	214	270	304	367	insulated braided shunt
85 mm ² insulated braided links					mounting holes: A=8.5 / B=10.5 mm				
JLP 85-330	24	6.5	330	85	304	383	431	522	insulated braided shunt
JLP 85-430	24	6.5	430	85	304	383	431	522	insulated braided shunt
JLP 85-530	24	6.5	530	85	304	383	431	522	insulated braided shunt
JLP 85-630	24	6.5	630	85	304	383	431	522	insulated braided shunt
JLP 85-730	24	6.5	730	85	304	383	431	522	insulated braided shunt
JLP 85-930	24	6.5	930	85	304	383	431	522	insulated braided shunt
JLP 85-1030	24	6.5	1030	85	304	383	431	522	insulated braided shunt
120 mm ² insulated braided links					mounting holes: Ø d1=10.5 / Ø d2=10.5 mm				
JLP 120-330	30	7.5	330	120	383	482	543	658	insulated braided shunt
JLP 120-430	30	7.5	430	120	383	482	543	658	insulated braided shunt
JLP 120-530	30	7.5	530	120	383	482	543	658	insulated braided shunt
JLP 120-630	30	7.5	630	120	383	482	543	658	insulated braided shunt
JLP 120-730	30	7.5	730	120	383	482	543	658	insulated braided shunt
JLP 120-930	30	7.5	930	120	383	482	543	658	insulated braided shunt
JLP 120-1030	30	7.5	1030	120	383	482	543	658	insulated braided shunt
240 mm ² insulated braided links					mounting holes: Ø d1=10.5 / Ø d2=10.5 mm				
JLP 240-330	32	12.5	330	240	589	744	840	1020	insulated braided shunt
JLP 240-430	32	12.5	430	240	589	744	840	1020	insulated braided shunt
JLP 240-530	32	12.5	530	240	589	744	840	1020	insulated braided shunt
JLP 240-630	32	12.5	630	240	589	744	840	1020	insulated braided shunt
JLP 240-730	32	12.5	730	240	589	744	840	1020	insulated braided shunt
JLP 240-930	32	12.5	930	240	589	744	840	1020	insulated braided shunt
JLP 240-1030	32	12.5	1030	240	589	744	840	1020	insulated braided shunt

Cross section	Number of bars	2 bars	3 bars
25/35 mm ²	Coefficient to use x	1.70	2
50 mm ²		1.70	1.95
85/120 mm ²		1.65	1.85
240 mm ²		1.65	1.75



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