

TECHNICAL CHARACTERISTICS

Insulation

TPE Compound
Black color with a light blue
Low smoke emission
Self-extinguishing: UL 94-V0
Halogen-free
Thickness: 1.9 mm
Class II according to Par.
8.4.4 IEC 61439-1
Recyclable

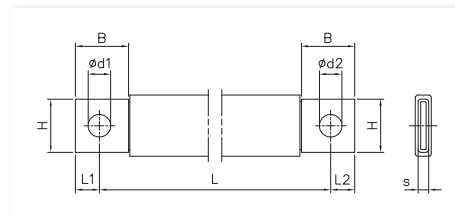
Finished product

Dielectric rigidity: 20 kV/mm
Rated voltage: 1000 V AC / 1500 V DC
Working temperature:

-40 °C ÷ +140 °C

Conductor

Tinned electrolytic copper braid Cu-ETP 99.90%
Standard wire: 0.20 mm
Terminal in tinned copper tube



CE **UL** **US**
File n° E300607
Certification pending

J- LINK PLUS Dimensional Table

Code	Reference		Weight (kg)	Sect. (mm²)	Use with switch with	Dimensions (mm)							
						L	B	H	L1	L2	d1	d2	s
JLK5000	JLP 25-230	10	0.08	25		230	20	20	7.5	8	8.5	10.5	4.3
JLK5005	JLP 25-330	10	0.13	25		330	20	20	7.5	8	8.5	10.5	4.3
JLK5010	JLP 25-430	10	0.17	25		430	20	20	7.5	8	8.5	10.5	4.3
JLK5015	JLP 25-530	10	0.20	25		530	20	20	7.5	8	8.5	10.5	4.3
JLK5020	JLP 25-630	10	0.24	25		630	20	20	7.5	8	8.5	10.5	4.3
JLK5021	JLP 25-730	10	0.26	25		730	20	20	7.5	8	8.5	10.5	4.3
JLK5022	JLP 25-830	10	0.30	25		830	20	20	7.5	8	8.5	10.5	4.3
JLK5023	JLP 25-930	10	0.34	25		930	20	20	7.5	8	8.5	10.5	4.3
JLK5024	JLP 25-1030	10	0.38	25		1030	20	20	7.5	8	8.5	10.5	4.3
JLK5025	JLP 35-230	10	0.13	35		230	20	20	9	9.5	8.5	10.5	4.9
JLK5030	JLP 35-330	10	0.17	35		330	20	20	9	9.5	8.5	10.5	4.9
JLK5035	JLP 35-430	10	0.22	35		430	20	20	9	9.5	8.5	10.5	4.9
JLK5040	JLP 35-530	10	0.26	35		530	20	20	9	9.5	8.5	10.5	4.9
JLK5045	JLP 35-630	10	0.28	35		630	20	20	9	9.5	8.5	10.5	4.9
JLK5046	JLP 35-730	10	0.30	35		730	20	20	9	9.5	8.5	10.5	4.9
JLK5047	JLP 35-830	10	0.34	35		830	20	20	9	9.5	8.5	10.5	4.9
JLK5048	JLP 35-930	10	0.37	35		930	20	20	9	9.5	8.5	10.5	4.9
JLK5049	JLP 35-1030	10	0.40	35		1030	20	20	9	9.5	8.5	10.5	4.9
JLK5050	JLP 50-230	10	0.16	50		230	20	20	9	9.5	8.5	10.5	5
JLK5055	JLP 50-330	10	0.22	50		330	20	20	9	9.5	8.5	10.5	5
JLK5060	JLP 50-430	10	0.24	50		430	20	20	9	9.5	8.5	10.5	5
JLK5065	JLP 50-530	10	0.34	50		530	20	20	9	9.5	8.5	10.5	5
JLK5070	JLP 50-630	10	0.40	50		630	20	20	9	9.5	8.5	10.5	5
JLK5071	JLP 50-730	10	0.43	50		730	20	20	9	9.5	8.5	10.5	5
JLK5072	JLP 50-830	10	0.46	50		830	20	20	9	9.5	8.5	10.5	5
JLK5073	JLP 50-930	10	0.48	50		930	20	20	9	9.5	8.5	10.5	5
JLK5074	JLP 50-1030	10	0.50	50		1030	20	20	9	9.5	8.5	10.5	5
JLK5140	JLP 85-230	2	0.26	85		230	25	24	9.5	11	8.5	10.5	6.5
JLK5145	JLP 85-330	2	0.35	85		330	25	24	9.5	11	8.5	10.5	6.5
JLK5150	JLP 85-430	2	0.44	85		430	25	24	9.5	11	8.5	10.5	6.5
JLK5155	JLP 85-530	2	0.50	85		530	25	24	9.5	11	8.5	10.5	6.5
JLK5160	JLP 85-630	2	0.60	85		630	25	24	9.5	11	8.5	10.5	6.5
JLK5165	JLP 85-730	2	0.68	85		730	25	24	9.5	11	8.5	10.5	6.5
JLK5170	JLP 85-830	2	0.76	85		830	25	24	9.5	11	8.5	10.5	6.5
JLK5175	JLP 85-930	2	0.85	85		930	25	24	9.5	11	8.5	10.5	6.5
JLK5180	JLP 85-1030	2	0.95	85		1030	25	24	9.5	11	8.5	10.5	6.5
JLK5075	JLP 120-330	2	0.53	120		330	30	30	11	15	10.5	10.5	7.5
JLK5080	JLP 120-430	2	0.65	120		430	30	30	11	15	10.5	10.5	7.5
JLK5085	JLP 120-530	2	0.80	120		530	30	30	11	15	10.5	10.5	7.5
JLK5090	JLP 120-630	2	0.95	120		630	30	30	11	15	10.5	10.5	7.5
JLK5095	JLP 120-730	2	1.10	120		730	30	30	11	15	10.5	10.5	7.5
JLK5096	JLP 120-830	2	1.25	120		830	30	30	11	15	10.5	10.5	7.5
JLK5097	JLP 120-930	2	1.40	120		930	30	30	11	15	10.5	10.5	7.5
JLK5098	JLP 120-1030	2	1.55	120		1030	30	30	11	15	10.5	10.5	7.5
JLK5100	JLP 240-330	2	0.97	240		330	35	32	16	16	12.5	10.5	12.5
JLK5105	JLP 240-430	2	1.20	240		430	35	32	16	16	12.5	10.5	12.5
JLK5110	JLP 240-530	2	1.45	240		530	35	32	16	16	12.5	10.5	12.5
JLK5115	JLP 240-630	2	1.74	240		630	35	32	16	16	12.5	10.5	12.5
JLK5120	JLP 240-730	2	2.05	240		730	35	32	16	16	12.5	10.5	12.5
JLK5125	JLP 240-830	2	2.25	240		830	35	32	16	16	12.5	10.5	12.5
JLK5130	JLP 240-930	2	2.50	240		930	35	32	16	16	12.5	10.5	12.5
JLK5135	JLP 240-1030	2	2.75	240		1030	35	32	16	16	12.5	10.5	12.5

Ampacity (A) table of Copper Bar based on the T temperature rise as per standard IEC 61439-1
Reference room temperature 35°C

J-LINK PLUS Ampacity Table

Sect. (mm ²)	Codes	Rated Intensity In (A) Temperature Rise ΔT			
		35 °C	55 °C	70 °C	105 °C
25	From JLK5000 to JLK5024	144	181	203	245
35	From JLK5025 to JLK5049	176	222	249	301
50	From JLK5050 to JLK5074	214	270	304	367
85	From JLK5140 to JLK5180	304	383	431	522
120	From JLK5075 to JLK5098	383	482	543	658
240	From JLK5100 to JLK5135	589	744	840	1020

Derating coefficient for use of J-LINK PLUS in parallel

Sect. (mm ²)		
25	1.70	2.00
35	1.70	2.00
50	1.70	1.95
85	1.65	1.85
120	1.65	1.85
240	1.55	1.75

Comparison between the use of cable and J-LINK PLUS

In (A)	**Cable Type N07-VK	J-LINK
	Section (mm ²)	
125	35	25
160	50 ÷ 70	25 ÷ 35
250	95 ÷ 120	50
350	150 ÷ 185	85
400	240	120
630	2 x 150	240

** Indicative data



Upon request J- LINK PLUS becomes J-LINK COLOR, to identify phases or to satisfy a personal or corporate aesthetic.

