

### 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

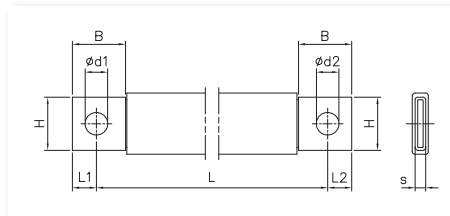
#### Finished product

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



**CEI** **US**  
 File n° E300607  
 Certification pending

### J- LINK PLUS Dimensional Table



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

Derating coefficient for use of J-LINK PLUS in parallel

Sect. (mm <sup>2</sup> )		
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 <sup>2</sup> )	
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

## J-link Color

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

