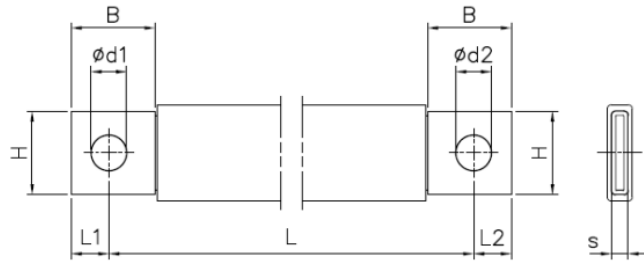
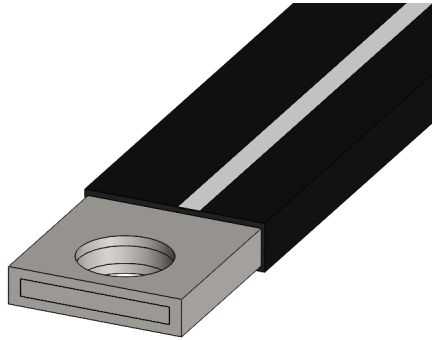


# Product Datasheet

## JLK1072



### Main

Family	Insulated copper braided shunts	
Version	J-link	
Code	JLK1072	
Reference	JLK 50-830	
Number per package	10	
Weight (kg)	0.46	
L: Hole to hole length (mm)	$830^{+5.6}_{-0.6}$	
Cross section (mm <sup>2</sup> )	50	
Dimensions (mm)	$B = 20^{+0.5}_{-0.5}$ , $H = 20^{+0.5}_{-0.5}$ , $L1 = 9^{+0.3}_{-0.3}$ , $L2 = 9.5^{+0.3}_{-0.3}$ , $d1 = 8.5^{+0.3}_{-0.3}$ , $d2 = 10.5^{+0.3}_{-0.3}$ , $s = 5^{+0.5}_{-0.5}$	
In (A) vs $\Delta T$ (°C)	Rated Intensity (A)	Temperature rise $\Delta T$
	214	35 °C
	244	45 °C
	<b>270</b>	<b>55 °C</b>
	304	70 °C

## **Technical Features**

### **Conductor**

Tinned electrolytic copper braid Cu-ETP 99.90%

Standard wire: 0.2 mm

Terminal in tinned copper tube

### **Insulation**

PVC Compound

Black color with a white line

Self-extinguishing UL 94-V0

Thickness:  $1.9 \pm 0.1$  mm

Max. elongation: 365%

Hardness: 80 Shore A

Tensile strength: 19 MPa

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 to 105 °C

### **In vs. $\Delta T$**

$I_n$  = Rated current A

$\Delta T$  = Temperature rise °C

Standard IEC 61439-1

Reference Room temperature is 35 °C

For derating coefficient for the use of bars in parallel please refer to the catalogue.

Please contact Teknomega for non-specified tolerances.