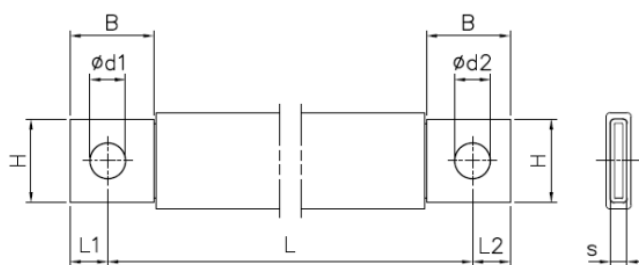
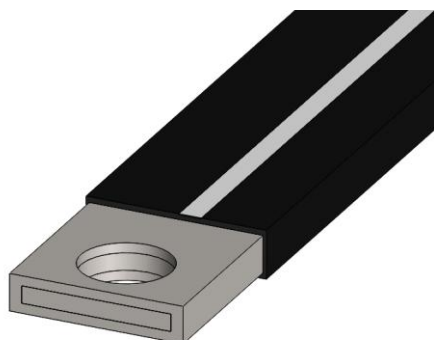


## Product Datasheet

### JLK1024



#### Main

|                                  |                                                                                                                                                                                         |                             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| Family                           | Insulated copper braided shunts                                                                                                                                                         |                             |
| Version                          | J-link                                                                                                                                                                                  |                             |
| Code                             | JLK1024                                                                                                                                                                                 |                             |
| Reference                        | JLK 25-1030                                                                                                                                                                             |                             |
| Number per package               | 10                                                                                                                                                                                      |                             |
| Weight (kg)                      | 0.38                                                                                                                                                                                    |                             |
| L: Hole to hole length (mm)      | $1030^{+5.6}_{-0.6}$                                                                                                                                                                    |                             |
| Cross section (mm <sup>2</sup> ) | 25                                                                                                                                                                                      |                             |
| Dimensions (mm)                  | $B = 20^{+0.5}_{-0.5}$ , $H = 20^{+0.5}_{-0.5}$ , $L1 = 7.5^{+0.3}_{-0.3}$ , $L2 = 8^{+0.3}_{-0.3}$ ,<br>$d1 = 8.5^{+0.3}_{-0.3}$ , $d2 = 10.5^{+0.3}_{-0.3}$ , $s = 4.3^{+0.5}_{-0.5}$ |                             |
| In (A) vs $\Delta T$ (°C)        | Rated Intensity (A)                                                                                                                                                                     | Temperature rise $\Delta T$ |
|                                  | 144                                                                                                                                                                                     | 35 °C                       |
|                                  | 164                                                                                                                                                                                     | 45 °C                       |
|                                  | <b>181</b>                                                                                                                                                                              | <b>55 °C</b>                |
|                                  | 203                                                                                                                                                                                     | 70 °C                       |

## **Technical Features**

### **Conductor**

Tinned electrolytic copper braid Cu-ETP 99.90%

Wire diameter: 0.2 mm

Terminal in tinned copper tube

### **Insulation**

PVC Compound, Self-extinguishing UL 94-V0

Black color with a white line

Thickness:  $1.9 \pm 0.1$  mm

Max. elongation: 365%

Hardness: 80 Shore A

Tensile strength: 19 MPa

Dielectric rigidity: 20 kV/mm

Class II according to Par. 8.4.4 IEC 61439-1

Glow-wire flammability test (GWEPT) according to standard IEC 60695-2-11:2021: 960°C

Recyclable

### **Finished Product**

Rated voltage: 1000 V AC/1500 V DC

Working temperature: -40 °C to 105 °C

Compliant with standard IEC 61439-2

### **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.