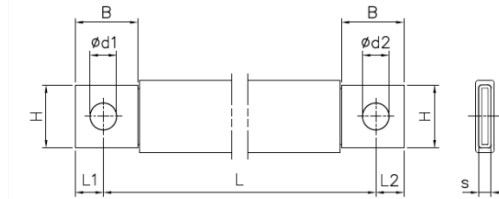


## Product Datasheet

### JLK5047



#### Main

|                                  |                                                                                                                                                                                         |                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| Family                           | Insulated copper braided shunts                                                                                                                                                         |                     |
| Version                          | J-link Plus                                                                                                                                                                             |                     |
| Code                             | JLK5047                                                                                                                                                                                 |                     |
| Reference                        | JLP 35-830                                                                                                                                                                              |                     |
| Number per package               | 10                                                                                                                                                                                      |                     |
| Weight (kg)                      | 0.34                                                                                                                                                                                    |                     |
| L: Hole to hole length (mm)      | $830^{+5.6}_{-0.6}$                                                                                                                                                                     |                     |
| Cross section (mm <sup>2</sup> ) | 35                                                                                                                                                                                      |                     |
| Dimensions (mm)                  | $B = 20^{+0.5}_{-0.5}$ , $H = 20^{+0.5}_{-0.5}$ , $L1 = 9^{+0.3}_{-0.3}$ , $L2 = 9.5^{+0.3}_{-0.3}$ ,<br>$d1 = 8.5^{+0.3}_{-0.3}$ , $d2 = 10.5^{+0.3}_{-0.3}$ , $s = 4.9^{+0.5}_{-0.5}$ |                     |
| In (A) vs ΔT (°C)                | Rated Intensity (A)                                                                                                                                                                     | Temperature rise ΔT |
|                                  | 176                                                                                                                                                                                     | 35 °C               |
|                                  | <b>222</b>                                                                                                                                                                              | <b>55 °C</b>        |
|                                  | 249                                                                                                                                                                                     | 70 °C               |
|                                  | 301                                                                                                                                                                                     | 105 °C              |

## Technical Features

### Conductor

Tinned electrolytic copper braid Cu-ETP 99.90%

Wire diameter: 0.20 mm

Terminal in tinned copper tube

### Insulation

TPE Compound, Self-extinguishing UL 94-V0

Black color with a light blue line

Low smoke emission

Halogen free according to IEC 60754-1:2011+AMD1:2019

Thickness:  $1.9 \pm 0.1$  mm

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: 850°C

Maximum optical density ( $50 \text{ kW/m}^2$ , smoldering) according to standard EN ISO 5659-2:

- $D_s \text{ max} = 247$
- $D_s(4) = 213$
- $VOF4 = 653$

Recyclable

### Finished Product

Rated voltage: 1000 V AC/1500 V DC

Working temperature: -40 °C to 140 °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.