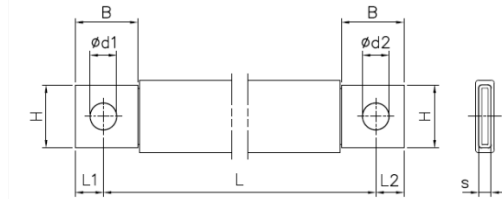


## Product Datasheet

### JLK5160



#### Main

|                                  |                                                                                                                                                                                          |                             |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| Family                           | Insulated copper braided shunts                                                                                                                                                          |                             |
| Version                          | J-link Plus                                                                                                                                                                              |                             |
| Code                             | JLK5160                                                                                                                                                                                  |                             |
| Reference                        | JLP 85-630                                                                                                                                                                               |                             |
| Number per package               | 2                                                                                                                                                                                        |                             |
| Weight (kg)                      | 0.60                                                                                                                                                                                     |                             |
| L: Hole to hole length (mm)      | $630^{+5.6}_{-0.6}$                                                                                                                                                                      |                             |
| Cross section (mm <sup>2</sup> ) | 85                                                                                                                                                                                       |                             |
| Dimensions (mm)                  | $B = 25^{+0.5}_{-0.5}$ , $H = 24^{+0.5}_{-0.5}$ , $L1 = 9.5^{+0.3}_{-0.3}$ , $L2 = 11^{+0.3}_{-0.3}$ ,<br>$d1 = 8.5^{+0.3}_{-0.3}$ , $d2 = 10.5^{+0.3}_{-0.3}$ , $s = 6.5^{+0.5}_{-0.5}$ |                             |
| In (A) vs $\Delta T$ (°C)        | Rated Intensity (A)                                                                                                                                                                      | Temperature rise $\Delta T$ |
|                                  | 304                                                                                                                                                                                      | 35 °C                       |
|                                  | <b>383</b>                                                                                                                                                                               | <b>55 °C</b>                |
|                                  | 431                                                                                                                                                                                      | 70 °C                       |
|                                  | 522                                                                                                                                                                                      | 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.