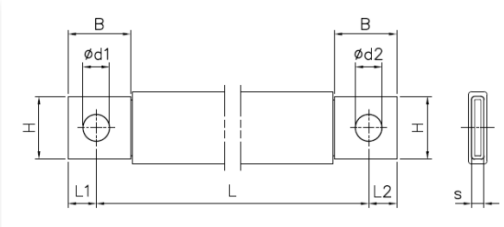
# Product Datasheet

# JLK5045

File n° E300607




## Main

| | |
|---|---|
| Family | Insulated copper braided shunts |
| Version | J-link Plus |
| Code | JLK5045 |
| Reference | JLP 35-630 |
| Number per package | 10 |
| Weight (kg) | 0.28 |
| L: Hole to hole length (mm) | $630^{+3.6}_{-0.6}$ |
| Cross section ($mm^2$) | 35 |
| Dimensions (mm) | B = $20^{+0.5}_{-0.5}$, H = $20^{+0.5}_{-0.5}$, L1 = $9^{+0.3}_{-0.3}$, L2 = $9.5^{+0.3}_{-0.3}$, 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 |
| | **222** | **55 °C** |
| | 249 | 70 °C |
| | 301 | 105 °C |

## Technical Features

### Conductor

Tinned electrolytic copper braid Cu-ETP

99.90%

Standard wire: 0.20 mm

Terminal in tinned copper tube

### Insulation

TPE Compound

Black color with a light blue

Low smoke emission

Self-extinguishing UL 94-V0

Thickness: 1.9 ± 0.1 mm

Halogen-free

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 140 °C

## In vs. ΔT

In = Rated current A

ΔT = 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.