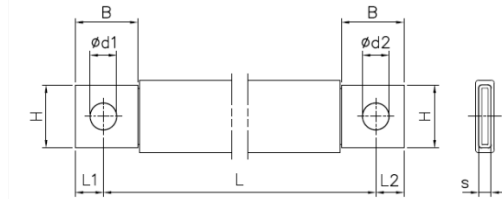


Product Datasheet

JLK5180



Main

Family	Insulated copper braided shunts	
Version	J-link Plus	
Code	JLK5180	
Reference	JLP 85-1030	
Number per package	2	
Weight (kg)	0.95	
L: Hole to hole length (mm)	$1030^{+5.6}_{-0.6}$	
Cross section (mm ²)	85	
Dimensions (mm)	$B = 25^{+0.5}_{-0.5}$, $H = 24^{+0.5}_{-0.5}$, $L1 = 9.5^{+0.3}_{-0.3}$, $L2 = 11^{+0.3}_{-0.3}$, $d1 = 8.5^{+0.3}_{-0.3}$, $d2 = 10.5^{+0.3}_{-0.3}$, $s = 6.5^{+0.5}_{-0.5}$	
In (A) vs ΔT (°C)	Rated Intensity (A)	Temperature rise ΔT
	304	35 °C
	383	55 °C
	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 ± 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 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. ΔT

I_n = 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.