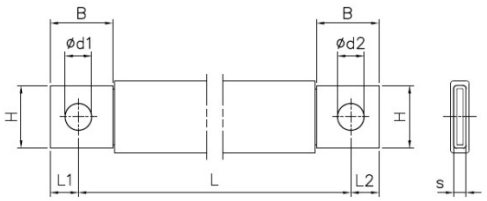
Product Datasheet

JLK5065

File n° E300607



Main

Family	Insulated copper braided shunts
Version	J-Link Plus
Code	JLK5065
Reference	JLP 50-530
Number per package	10
Weight (kg)	0.34
L: Hole to hole length (mm)	$530^{+3.6}_{-0.6}$
Cross section (mm^2)	50
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=$5^{+0.5}_{-0.5}$

In (A) vs ΔT (°C)	Rated Intensity (A)	Temperature rise ΔT
	214	35 °C
	270	**55 °C**
	304	70 °C
	367	105 °C

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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:

- Ds max = 247
- Ds(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

DNV Certificate n° TAE000054G

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.

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