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**SV 9685.725**

**Laminated copper busbar, tin-plated**

State: 5/21/2026 (Source: [rittal.com/us-en](http://rittal.com/us-en))

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SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



# SV 9685.725 - Laminated copper busbar, tin-plated

Cu lamina made from high-purity electrolytic copper F20, tin-plated, length: 2000 mm/bar.

## Features

Model No.	SV 9685.725
Material	Cu lamina: High-purity electrolyte copper Insulation: Highly resistant vinyl blend, expansion 370%, temperature: -30°C ... +105°C, fire protection according to UL-94 V0, dielectric strength: 20 kV/mm
Length	2,000 mm 78.7 "
Rated current for temperature increase 50 K	770 A
Rated current for temperature increase 30 K	585 A
Rated current for temperature increase 70 K	920 A
Note	Assembly = number of layers x layer width x layer thickness May be cut to length as required The conductor temperature of the laminated copper bar is derived by adding the ambient temperature and the temperature increase together. Example: 3565.005 carrying 180 A, i.e. the temperature increases by 30 K. At an ambient temperature of 35 °C, this produces a resultant conductor temperature of 35 °C + 30 K = 65 °C.
Laminated flat copper version	Number of lamina: 10 Lamina width: 24 mm Lamina thickness: 1 mm Lamina width: 0.94 " Lamina thickness: 0.04 "
Packaging unit	1 pc(s).
Net weight	4.5 kg
Gross weight	5.005 kg

## Features

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Copper weight (kg per piece)	4.27
Customs tariff number	85446010
Product description	SV laminated copper busbar E-Cu tin-plated, WH: 24 x 10 mm, L: 2000 mm

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## Approvals

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Approvals	UR + C-UR (recognized)
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