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SV 3579.005
Laminated Copper Bar

State: 3/14/2022 (Source: rittal.com/us-en)

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FRIEDHELM LOH GROUP

SV 3579.005 - Laminated Copper Bar

Cu lamina made of high-purity electrolyte copper, length: 2000 mm/bar.

Features

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	1,610 A
Rated current for temperature increase 30 K	1,230 A
Rated current for temperature increase 70 K	1,950 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: 63 mm Lamina thickness: 1 mm Lamina width: 2.48 ″ Lamina thickness: 0.04 ″
Weight/packaging unit	12 kg 26.5 lb.
Packaging unit	1 Stück
ETIM 7.0	EC001522
ECLASS 8.0	27370303

Approvals

Approvals	C-UR UR UR + C-UR
Certificates	EAC
Explanations	Declaration of conformity