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SV 3574.005

Laminated copper bars

State: 3/07/2026 (Source: rittal.com/au-en)

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

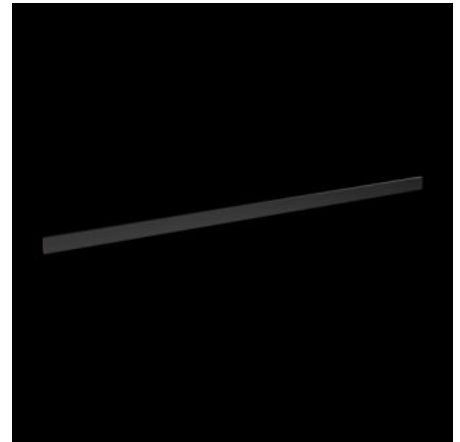
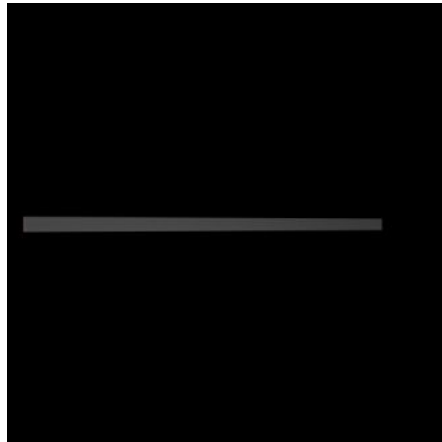
SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



SV 3574.005 - Laminated copper bars

Cu lamina made of high-purity electrolyte copper 720, length: 2000 mm/bar.



Features

| | |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model No. | SV 3574.005 |
| Material | Cu lamina High-purity electrolytic copper F20 Insulation: Highly resistant vinyl compound, elongation 370%, temperature: -30 °C...+105 °C, fire protection corresponding to UL-94 V0, dielectric strength: 20 kV/mm |
| Length | 2,000 mm |
| Rated current for temperature increase 50 K | 965 A |
| Rated current for temperature increase 30 K | 730 A |
| Rated current for temperature increase 70 K | 1,155 A |

Features

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|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Note | Construction = Number of lamina x lamina width x lamina thickness May be cut individually to required length 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. |
| Version – laminated flat copper | Number of lamina: 10 Membrane width: 32 mm Membrane thickness: 1 mm |
| Packs of | 1 pc(s). |
| Net weight | 6.198 kg |
| Gross weight | 6.44 kg |
| Copper weight (kg per piece) | 5.73 |
| Customs tariff number | 85446010 |
| ETIM 9 | EC001522 |
| ETIM 8 | EC001522 |
| ECLASS 8.0 | 27370303 |
| Product description | SV Laminated copper bar, WH: 32x10 mm, L: 2000 mm |

Approvals

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|--------------|-----------------------------------------------------------|
| Approvals | UR + C-UR (recognized) |
| Explanations | Declaration of conformity Declaration of conformity UK |
