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# DATASHEET - CU12X5



**Copper busbar, 12x5x1500mm, tinned**

**Part no.** CU12X5
**Catalog No.** 034121

Powering Business Worldwide

## Delivery program

| | | | |
|---|---|---|---|
| Product range | | | 60 mm system<br>Compact system |
| Accessories | | | Flat copper bars |
| Single unit/Complete unit | | | Modular system |
| Description | | | Flat copper busbars |
| Surface finish | | | Tinned |
| Rated operational current | $I_e$ | A | 160 |
| Length | | mm | 1500 |
| For use with | | | SH0165/2 |
| Cu factor | | kg | 0,80 |
| **Copper busbars** | | | |
| Width | | mm | 12 |
| Height | | mm | 5 |
| Interval between busbar centres | | mm | 60 |
| Material | | | Copper, tinned |

**Notes**

Calculating material allowance → General information chapter

Selecting the busbar cross-section and the device to be used → Engineering chapter

## Technical data

### General

| | | | |
|---|---|---|---|
| Standards | | | EN 13061 |
| Interval between busbar centres | | mm | 60 |

### Contacts

| | | | |
|---|---|---|---|
| Interval between busbar centres | | mm | 60 |
| Rated uninterrupted current | | | With temperature deviations, DIN 43671 stipulates that a correction factor k2 must be taken into account |
| Rated uninterrupted current | $I_u$ | A | |
| $T_u$ = 35 °C and $T_s$ = 65 °C | | | |
| with 12 x 5 mm bar | $I_u$ | A | 200 |
| with 20 x 5 mm busbar | $I_u$ | A | 320 |
| with 30 x 5 mm bar | $I_u$ | A | 450 |
| with 12 x 10 mm bar | $I_u$ | A | 360 |
| with 20 x 10 mm busbar | $I_u$ | A | 520 |
| with 30 x 10 mm busbar | $I_u$ | A | 630 |

### Electrical data

| | | | |
|---|---|---|---|
| Rated operational current | $I_e$ | A | 160 |

### Material characteristics

| | | | |
|---|---|---|---|
| Material | | | Copper, tinned |
| Surface finish | | | Tinned |

### Notes

For rated uninterrupted current $I_u$ of the contact the following applies: according to DIN 43671 correction factor k2 must be taken into account in case of different temperatures.

## Technical data ETIM 7.0

Low-voltage industrial components (EG000017) / Busbar (EC001522)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Busbar trunking system (LV circuitry) / Busbar (low-voltage switching technology) (ecl@ss10.0.1-27-37-03-03 [ACN949011])

| | | | |
|---|---|---|---|
| Rated current In | | A | 160 |

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| | | | |
|---|---|---|---|
| Model | | | Flat |
| Length | | mm | 1500 |
| Width | | mm | 12 |
| Height | | mm | 5 |
| Flexible | | | No |
| Surface protection | | | Tinned |


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