

Part no. **CU20X5-2250**  
 Article no. **007466**

## Delivery program

|                           |       |    |                     |
|---------------------------|-------|----|---------------------|
| Product range             |       |    | 60 mm system        |
| Accessories               |       |    | Flat copper bars    |
| Single unit/Complete unit |       |    | Modular system      |
| Description               |       |    | Flat copper busbars |
| Surface finish            |       |    | Tinned              |
| Rated operational current | $I_e$ | A  | 250                 |
| Length                    |       | mm | 2250                |
| For use with              |       |    | SH0635/4<br>SH0632  |
| Cu factor                 |       | kg | 2,01                |

### Copper busbars

|                                 |  |    |                |
|---------------------------------|--|----|----------------|
| Width                           |  | mm | 20             |
| 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, UL 508 |
| Ambient temperature                |  |    |                  |
| Operating ambient temperature max. |  | °C | + 35             |
| 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 $k_2$ must be taken into account |
| Rated uninterrupted current                   | $I_u$ | A  |                                                                                                             |
| $T_u = 35\text{ °C}$ and $T_s = 65\text{ °C}$ |       |    |                                                                                                             |
| 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 | 250 |
|---------------------------|-------|---|-----|

### 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  $k_2$  must be taken into account in case of different temperatures.

## Design verification as per IEC/EN 61439

|                                        |  |    |    |
|----------------------------------------|--|----|----|
| Technical data for design verification |  |    |    |
| Operating ambient temperature max.     |  | °C | 35 |

