

# Technical data sheet

## Cable tray MKS-Magic® 85, unperforated FT

Item number: 6059329



Unperforated cable tray with integrated quick fastening system. The usable length of the cable tray is 3,000 mm.  
Continuous equipotential bonding is guaranteed without additional components.



|    |                    |
|----|--------------------|
| St | Steel              |
| FT | Hot-dip galvanised |

### Master data

|                                    |                               |
|------------------------------------|-------------------------------|
| Item number                        | 6059329                       |
| Type                               | MKSMU 820 FT                  |
| Description 1                      | Cable tray MKSMU              |
| Description 2                      | unperforated, quick connector |
| Manufacturer                       | OBO                           |
| Dimension                          | 85x200x3050                   |
| Colour                             | zinc                          |
| Material                           | Steel                         |
| Surface                            | Hot-dip galvanised            |
| Surface standard                   | DIN EN ISO 1461               |
| Smallest sales unit                | 3                             |
| Unit of quantity                   | Metre                         |
| Weight                             | 339.737 kg                    |
| Weight unit                        | kg/100 m                      |
| CO2 Footprint (GWP) Cradle-to-Gate | 8,9709 kg CO2e / 1 Meter      |

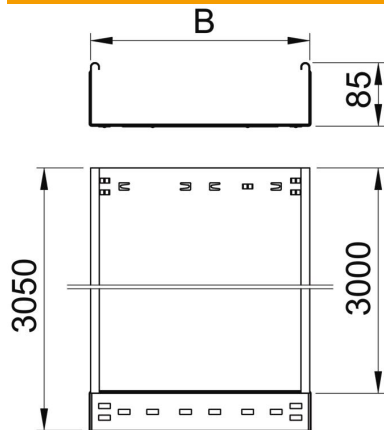
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### Dimensions



|                 |          |
|-----------------|----------|
| Length          | 3,050 mm |
| Width           | 200 mm   |
| Height          | 85 mm    |
| Plate thickness | 1 mm     |
| Dimension B     | 200 mm   |

### Technical data

|                                         |                       |
|-----------------------------------------|-----------------------|
| Connector version                       | Integrated connector  |
| Mounting system fastening type          | Floor Ceiling Wall    |
| Walkable                                | no                    |
| Maintain electrical functions           | no                    |
| With cover                              | no                    |
| Mounting perforation in base            | no                    |
| NATO hole pattern                       | no                    |
| Usable cross-section                    | 186 cm <sup>2</sup>   |
| Usable cross-section                    | 18600 mm <sup>2</sup> |
| Rustproof steel, pickled                | no                    |
| Side perforation                        | no                    |
| Wide-span version                       | no                    |
| Load test type according to IEC 61537   | Type II               |
| Usable length                           | 3000 mm               |
| Type of connector, cable support system | Click fastening       |

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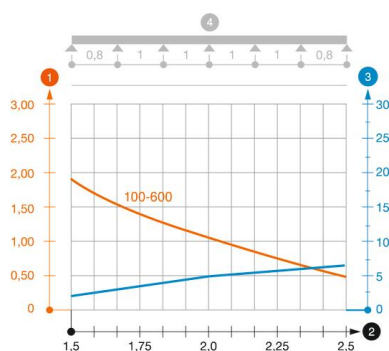
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### Loads

|                                   |           |
|-----------------------------------|-----------|
| Insertable support spacings, min. | 1.5 m     |
| Insertable support spacings, max. | 2.5 m     |
| Support spacing 1.5 m             | 1.75 kN/m |
| Support spacing 1.75 m            | 1.4 kN/m  |
| Support spacing 2.0 m             | 1.1 kN/m  |
| Support spacing 2.5 m             | 0.5 kN/m  |



### Load diagram, cable tray, type MKSMU 85

- 1 Permitted cable tray/ladder load in kN/m without man load
- 2 Support width in m
- 3 Rail bend in mm at permitted kN/m
- 4 Load scheme during testing
- Load curve with cable tray/ladder width in mm
- Strut bend curve according to support width