

Technical data sheet

Cable tray SKS-Magic® 85 FS

Item number: 6059540



Cable tray with integrated quick fastening system. The usable length of the cable tray is 3,000 mm.

The cable tray has continuous side perforations of 7 x 20 mm for the installation of additional connection and mounting components.

From a cable tray width of 200 mm with 30% hole surface, suitable for use under sprinkler systems according to VdS guideline 2092. Continuous equipotential bonding is guaranteed without additional components.



St Steel

FS Strip galvanized

Master data

| | |
|------------------------------------|-----------------------------|
| Item number | 6059540 |
| Type | SKSM 850 FS |
| Description 1 | Cable tray SKSM |
| Description 2 | perforated, quick connector |
| Manufacturer | OBO |
| Dimension | 85x500x3050 |
| Colour | zinc |
| Material | Steel |
| Surface | Strip galvanized |
| Surface standard | DIN EN 10346 |
| Smallest sales unit | 3 |
| Unit of quantity | Metre |
| Weight | 550.163 kg |
| Weight unit | kg/100 m |
| CO2 Footprint (GWP) Cradle-to-Gate | 18,6898 kg CO2e / 1 Meter |

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Dimensions



| | |
|-----------------|----------|
| Length | 3,050 mm |
| Width | 500 mm |
| Height | 85 mm |
| Plate thickness | 1.5 mm |
| Dimension B | 500 mm |
| Dimension L | 380 mm |
| Dimension x | 396 mm |
| Dimension y | 462 mm |

Technical data

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| Connector version | Integrated connector |
| Mounting system fastening type | Floor Ceiling Wall |
| Walkable | no |
| Maintain electrical functions | no |
| With cover | no |
| Mounting perforation in base | yes |
| NATO hole pattern | no |
| Usable cross-section | 423 cm ² |
| Usable cross-section | 42300 mm ² |
| Rustproof steel, pickled | no |
| Side perforation | yes |
| Wide-span version | no |
| Magnetic shield insulation without cover | 20 dB |
| Magnetic shield insulation with cover | 50 dB |
| Load test type according to IEC 61537 | Type II |
| Type of connector, cable support system | Click fastening |

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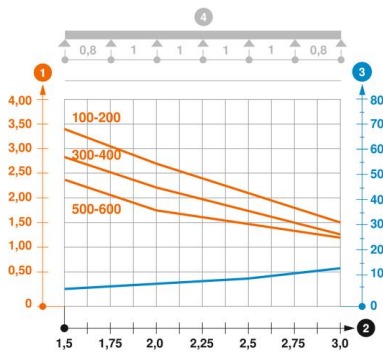
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Loads

| | |
|-----------------------------------|-----------|
| Insertable support spacings, min. | 1.5 m |
| Insertable support spacings, max. | 3 m |
| NEMA load class | 8C |
| Support spacing 1.5 m | 2.4 kN/m |
| Support spacing 2.0 m | 1.75 kN/m |
| Support spacing 2.5 m | 1.35 kN/m |
| Support spacing 3.0 m | 1.2 kN/m |



Load diagram, cable tray, type SKSM 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