product data sheet

item no. 00.771.0307.1

# flat cable FL-LSHF 5G16

podis® CON 5G16 flat cable FL-LSHF 5G16, number of cores 5, 16 mm², fire class B2ca s1 d1 a1, halogen free, color outer sheath black



| | |
|---|---|
| item no. | 00.771.0307.1 |
| EAN | 4049088610011 |
| order unit | 1 piece(s) |

## certificates / approvals

## technical data

**note**

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|---|---|
| note | For purchase quantities of less than 500 m, a cutting surcharge will be added. |

**general**

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|---|---|
| core insulation | polyolefin |
| fire load | 3.159 kWh/m |
| fire class | B2ca s1 d1 a1 |
| core identification | color |
| color outer sheath | black |
| material outer sheath | polyolefin |
| conductor category | class 5 = flexible |
| yellow/green conductor | yes |
| bending radius, static | 57.5 mm |
| screen | no |
| number of cores | 5 |
| cable width approx. | 48 mm |
| cable height approx. | 11.5 mm |
| UV resistant | yes |
| min. installation temperature | 0 °C |
| max. installation temperature | 60 °C |
| shock resistance | IK10 |

**technical data**

| | |
|---|---|
| nominal cross section conductor | 16 mm² |
| nominal voltage UN | 1 kV |
| Voltage drop | 2.67 (V/A km)² |

## accessories

| item no. | type | description |
|---|---|---|
| Z6.563.7800.0 | cable patch PODIS/GESIS | Insulation tape for flat cables podis 5G6, podis 5G16 and flat cable gesis NRG. Dimensions appr. 152 x 140 mm. |
| Z7.432.8053.0 | flatcable entry PODIS 5G16 | Housing feed through for flatcable podis 5G16; degree of protection: IP 65; color: black |

## assembly

| item no. | type | description |
|---|---|---|
| Z6.564.7053.1 | cable end cap podis 5G16 SW | Cable end cap for podis flat cable 5G16 and 5G25; protection IP65; black |

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|---|---|---|
| Z7.432.8053.0 | flatcable entry PODIS 5G16 | Housing feed through for flatcable podis 5G16; degree of protection: IP 65; color: black |
| 75.450.2253.1 | feed-in module FCS E16 5 SASA M50L SW | podis® CON 5G16 feed-in module, rated voltage 690 V, rated current 100 A, input round cable, cross section fine-stranded 1.5 mm² - 35 mm², output for 5G16 flatcable, IP65, color housing black, |
| 75.453.0053.1 | connecting module FCS 16 5 SI SA RST | Connection module PODIS CON 5G16 RST for pluggable connection with RST25i5; 5-pole; operating current up to 32 A acc. VDE / IEC 61984 derating curve of RST25i5 System; rated current acc. IEC61535 25 A<(>,<)> rated voltage 400 V; degree of protection IP65; piercing contacts; Torx 15; housing black; mounting position any; outline dimensions L x W x H 217 x 84 x 74 mm |
| 75.456.0053.1 | connecting module FCS 16 5 SI SA M32 | podis® CON 5G16 connecting module, rated voltage 690 V, rated current 63 A, cross section fine-stranded 1.5 mm² - 16 mm², output for M32 cable gland, IP65, color housing black |