

product data sheet

item no. 99.099.0000.8

flat cable FL-LSHF 5G25

Flatcable PODIS CON LSHF 5G25; compatible with 5G16 components and accessories; 0.6/1kV; CPR class B2ca-s1a-d1-a1; halogen-free, flame retardant; for fixed installation; color dark grey; W x H 48 x 11,5 mm; Rated Current: 63 A; For applications up to 80 A, the special conditions must be considered



item no.	99.099.0000.8
EAN	4049088660177
order unit	1 piece(s)

certificates / approvals

LR

technical data

note

note	For purchase quantities of less than 500 m, a cutting surcharge will be added. Special conditions for applications up to 80 A are available on request.
------	---

general

core insulation	polyolefin
fire load	3.15 kWh/m
fire class	B2ca s1 d1 a1
core identification	color
color outer sheath	dark grey
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	25 mm ²
nominal voltage UN	1 kV
Voltage drop	1.72 (V/A km) ²

accessories

item no.	type	description
Z6.563.6553.0	cable end cap podis 5G16	Cable end cap for podis flat cable 5G16 and 5G25; protection IP65; black/transparent
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

05.569.7453.0	cable clip FLATCABLE SCREW	Cable clip for podis® CON and gesis® NRG flatcables, for all cross- sections; for effective installation using quick-release fastener and just one fixing point; Version for fixing with screw; for wall and ceiling mount; with clips for the installation to cable trays with 25 mm mounting distance; color black
05.569.7553.0	cable clip FLATCABLE NAIL	Cable clip for podis® CON and gesis® NRG flatcables, for all cross- sections; for effective installation using quick-release fastener and just one fixing point; Version for fixing with powder-actuated tool; for wall and ceiling mount; color black

assembly

item no.	type	description
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	Connection module PODIS CON 5G16 for fixed wiring, as feed-in or tap-off; for M32 cable gland (available as accessory); 5-pole; nominal ratings acc. VDE 63 A; 690 V; 6kV/3; nominal ratings acc. UL 41 A; 600 V degree of protection IP65; piercing contacts; Torx 15; screw clamps max. 16 mm² (AWG 6) single/fine-stranded; max. cable diameter 25 mm; housing black; mounting position any; Outline dimensions L x W x H 250 x 84 x 74 mm
75.456.0153.1	connecting module FCS 16 5 SI SA M25	Connection module PODIS CON 5G16 for fixed wiring as tap-off; for M25 cable gland (available as accessory); 5-pole; nominal ratings acc. VDE 63 A; 690 V; 6kV/3; nominal ratings acc. UL 41 A; 600 V degree of protection IP65; piercing contacts; Torx 15; screw clamps max. 16 mm² (AWG 6) single/fine-stranded; max. cable diameter 18 mm; housing black; mounting position any; Outline dimensions L x W x H 250 x 84 x 74 mm