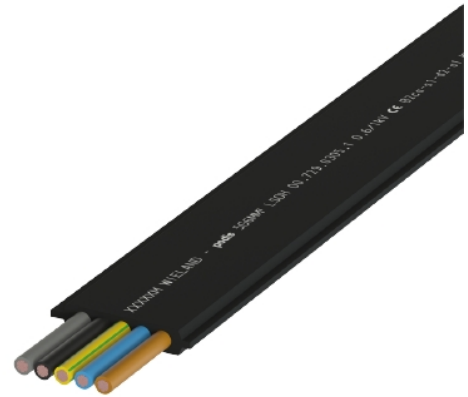


Data sheet

Art.No.: 00.771.0307.1

flat cable FL-LSHF 5G16

Flatcable PODIS CON LSHF 5G16; 0.6/1kV; CPR class B2ca-s1a-d1-a1; Ampacity up to 63 A; halogen-free; flame retardent; for fixed installation; color black; W x H 48 x 11,5 mm



Art.No.	00.771.0307.1
EAN	4049088610011
Order Unit	1

Technical data

general

core insulation	polyolefin
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
max. installation temperature	60 °C
shock resistance	IK10

technical data

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

note

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

ECLASS 11	
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ECLASS 8.1	27062002
ETIM 9.0	EC003250
ETIM 8.0	EC003250
ETIM 7.0	EC003250
ETIM 6.0	EC000825
ETIM 5.0	EC000825
ETIM 4.0	EC000825

product compliance

ROHS conformity status	compliant
REACH-SVHC conformity status	compliant

Accessories

Art.No.:	Article/type description:	Description:
Z7.432.8053.0	flatcable entry PODIS 5G16	Flat cable feed through for podis 5G16
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.
05.569.7453.0	cable clip FLATCABLE SCREW	Cable clip for podis® CON and gesis® NRG; for effective installation using quick-release fastener and just one fixing point; Version for fixing with screw; for wall and ceiling mount
05.569.7553.0	cable clip FLATCABLE NAIL	Cable clip for podis® CON and gesis® NRG; for effective installation using quick-release fastener and just one fixing point; Version for fixing with powder-actuated tool; for wall and ceiling mount

Fits with

Art.No.:	Article/type description:	Description:
75.450.0014.3	feed-in module FCS 16 5 SA SAM50G	Feed-in module for tray cable PODIS CON 5G16 connection by roundcable; M50 cable gland; 5-pole; nominal ratings acc. IEC 100 A; 690 V; 6kV/3; nominal ratings acc. UL 61 A; 600 V; degree of protection IP65; screw clamps max. 35 mm ² (AWG 2) single/fine-stranded; max. cable diameter 38 mm (1 1/2"); housing grey; mounting position any; Outline dimensions L x W x H 300 x 145 x 100 mm
75.450.0114.3	feed-in module FCS 16 5 SA SAM63G	Feed-in module for tray cable PODIS CON 5G16 connection by roundcable; M63 cable gland; 5-pole; nominal ratings acc. IEC 100 A; 690 V; 6kV/3; nominal ratings acc. UL 61 A; 600 V; degree of protection IP65; screw clamps max. 70 mm ² (AWG 2) single/fine-stranded; max. cable diameter 44 mm (1 1/2"); housing grey; mounting position any; Outline dimensions L x W x H 300 x 145 x 100 mm
75.450.0214.3	connecting module FCS 16 5 SA SAM50K	Feed-in module for tray cable PODIS CON 5G16 connection by roundcable; M50 cable gland; 5-pole; nominal ratings acc. IEC 100 A; 690 V; 6kV/3; nominal ratings acc. UL 61 A; 600 V; degree of protection IP65; screw clamps max. 35 mm ² (AWG 2) single/fine-stranded; max. cable diameter 25-31 mm (1.0-1.2"); housing grey; mounting position any; Outline dimensions L x W x H 300 x 145 x 100 mm
75.450.0314.3	connecting module FCS 16 5 SA SAM63K	Feed-in module for tray cable PODIS CON 5G16 connection by roundcable; M63 cable gland; 5-pole; nominal ratings acc. IEC 100 A; 690 V; 6kV/3; nominal ratings acc. UL 61 A; 600 V; degree of protection IP65; screw clamps max. 70 mm ² (AWG 00) single/fine-stranded; max. cable diameter 29-35 mm (1.15-1.37"); housing grey; mounting position any; Outline dimensions L x W x H 300 x 170 x 120 mm

75.452.0053.1	connecting module FCS 16 5 SI SA RST	Connection module PODIS CON 5G16 RST for pluggable connection with RST20i5; 5-pole; nominal ratings acc. VDE 20A; 400 V; nominal ratings acc. UL 20 A; 600 V; degree of protection IP65; piercing contacts; Torx 15; housing black; mounting position any; UL2875 pending; 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 32 A; 600 V degree of protection IP65; piercing contacts; Torx 15; screw clamps max. 16 mm ² (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 32 A; 600 V degree of protection IP65; piercing contacts; Torx 15; screw clamps max. 16 mm ² (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
75.453.0053.1	connecting module FCS 16 5 SI SA RST 25	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
75.456.0855.1	Circuitbreaker Module FH RCBO 16 CAM32	podis CON 5G16 Circuit breaker module; combines tap-off and decentralized fuse-protection; internally, a 4-pole RCBO type A with tripping characteristic C16 A /30 mA is installed and wired; for M32 cable gland output, plus optional knock-outs for M20 cable gland and M12 (cable gland as accessory available); lockable with padlock; color black
75.456.0955.1	Circuitbreaker Module FH RCBO 32 CAM32	podis CON 5G16 Circuit breaker module; combines tap-off and decentralized fuse-protection; internally, a 4-pole RCBO type A with tripping characteristic C32 A /30 mA is installed and wired; for M32 cable gland output, plus optional knock-outs for M20 cable glands and M12 (cable gland as accessory available); lockable with padlock; color black
75.456.1155.1	Circuitbreaker Module FH RCBO 16 CARST20	podis CON 5G16 Circuit breaker module; combines tap-off and decentralized fuse-protection; internally, a 4-pole RCBO type A with tripping characteristic C16 A /30 mA is installed and wired; with an integrated pluggable output RST20i5 in black; lockable with padlock; color black
75.456.1255.1	Circuitbreaker Module FH RCBO 32 CARST25	podis CON 5G16 Circuit breaker module; combines tap-off and decentralized fuse-protection; internally, a 4-pole RCBO type A with tripping characteristic C32 A /30 mA is installed and wired; with an integrated pluggable output RST25i5 in concrete gray; lockable with padlock; color black
75.450.2114.3	feed-in module FCS 16 5 SA SAM	Feed-in module for flat cable PODIS CON 5G16 connection by roundcable; cut-out for entry of the round cable with a diameter of 25 mm (no cable gland included in the scope of delivery); 5-pole; nominal ratings acc. IEC 100 A; 690 V; 6kV/3; nominal ratings acc. UL 61 A; 600 V; degree of protection IP65; screw clamps max. 35 mm ² (AWG 2) single/fine-stranded; (1 ½"); housing grey; mounting position any; Outline dimensions L x W x H 300 x 145 x 100 mm

G0.000.0157.0	connecting module PLC MODUL ADAPTER	podis CON 5G16 PLC-Module Tap-Off; with facility for the integration of rail-mounted devices (4 modular spacing); included is a MCB 10 kA, 1+N with tripping characteristic C13 A including the wiring and a separable cable gland for the communication cable (RJ45); for M32 cable gland output, plus optional knock-outs for M20 cable gland and M12; lockable with padlock; color black
75.452.1353.1	Circuitbreaker Module RCBO 20 CARST20	
75.453.1755.1	Circuitbreaker Module FH BO 32 C RST25	podis CON 5G16 Circuit breaker module; combines tap-off and decentralized fuse-protection; internally, a 4-pole MCB with tripping characteristic C32 A is installed and wired; with an integrated pluggable output RST25i5 in concrete gray; lockable with padlock; color black
75.456.1055.1	Circuitbreaker Module FH MT M32	podis CON 5G16 Circuit breaker module; combines tap-off and decentralized fuse-protection; with facility for the integration of rail-mounted devices (4 modular spacing); for M32 cable gland output, plus optional knock-outs for M20 cable gland and M12 (cable gland as accessory available); lockable with padlock; color black