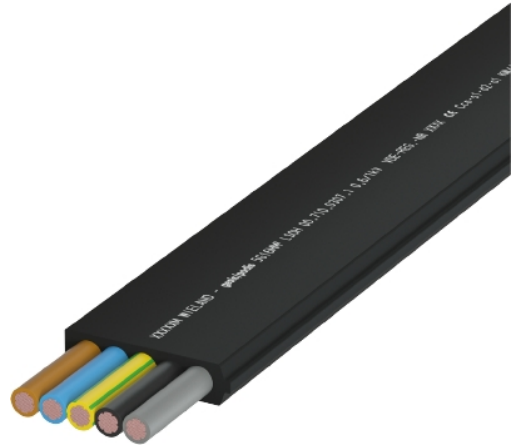


Data sheet

Commercial Art.No.: 00.710.0307.1

Flat cable XPE 5G16 SCHWARZ

Tray cable PODIS CON XPE 5G16; 0,6/1kV; CPR class Cca-s1d2a1, VDE reg.; Ampacity acc. VDE0298-4 tables 5 and 6; halogen-free, flame retardent; for fixed installation; color black; W x H 48 x 11,5 mm



Commercial Art.No.	00.710.0307.1
EAN	4049088378218
Order Unit	1

Technical data

General

Core insulation	PE
Core identification	Color
Flame retardant	Acc. EN 50265-2-1
Low smoke (acc. EN50268-2)	No
Color outer sheath	black
Material outer sheath	Copolymer, cross-linked
Conductor category	Class 5 = flexible
Halogen free (according to EN 50267-2-3)	yes
Yellow/green conductor	yes
Bending radius, static	55 mm
Screen	No
Number of cores	5
Cable width approx.	48 mm
Cable height approx.	11.5 mm
Oil resistant (acc. EN 60811-2-1)	yes
Cable weight per km	1320 kg
Min. installation temperature	5 °C
Max. installation temperature	50 °C
Min. surface temperature fixed conductor	-25 °C
Max. surface temperature fixed conductor	70 °C

Technical data

Nominal cross section conductor	16 mm ²
Nominal voltage U _N	1 kV
Nominal voltage U ₀	690 V

Classification

ECLASS 11	
ECLASS 8.1	27062002
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

Commercial Art.No.:	Article-type description:	Description:
Z6.563.6553.0	Cable end cap podis 5G16	Cable end cap for podis tray cable 5G16; protection IP65; black/transparent
05.601.2419.0	Cable clip podis 5G16	Mounting bracket for tray cable podis 5G16, with fixture for installation tube diameter 20 mm; stainless steel
05.601.2519.0	Cable clip podis 5G16	Mounting bracket for tray cable podis 5G16; stainless steel
Z6.563.7800.0	cable patch PODIS/GESIS	Insulation tape for tray cables podis 5G6, podis 5G16 and flat cable gesis NRG. Dimensions appr. 152 x 140 mm.
07.432.8100.0	Cable clip PODIS 5G6 / 5G16	Cable bracket and strain relief for tray cables podis 5G6 and podis 5G16, for wall and ceiling mount, for one fixing point 2 pcs. are required for the podis 5G16 cable and 1 pc. for 5G6 cable; spare part for strain relief in end feed-in boxes podis 5G16 (75.450.xx14.3)
Z7.432.8053.0	cable entry PODIS 5G16	Cable feed through for podis 5G16
05.562.3000.0	Cable clip Befestigungsschelle	Cable clip for flat cable

Fits with

Commercial 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; UL2875 pending; 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; UL2875 pending; Outline dimensions L x W x H 250 x 84 x 74 mm