product data sheet

item no. 00.729.0305.1

flat cable XPE 5G6

podis® CON 5G6 flat cable XPE 5G6, number of cores 5, 10 AWG, halogen free, color outer sheath black



item no.	00.729.0305.1
EAN	4049088360046
order unit	1 piece(s)

certificates / approvals

technical data

general

core insulation	copolymer, thermoplastic
fire load	1.99 kWh/m
core identification	color
flame retardant	according to DIN 60332-1-2
low smoke (acc. EN50268-2)	no
color outer sheath	black
conductor category	class 6 = very flexible
halogen free (according to EN 50267-2-3)	yes
yellow/green conductor	yes
bending radius, static	38 mm
screen	no
number of cores	5
cable width approx.	43 mm
cable height approx.	7.5 mm
oil resistant (acc. EN 60811-2-1)	yes
cable weight per km	700 kg
min. installation temperature	5 °C
max. installation temperature	50 °C
Min. ambient temperature fixed installation	-25 °C
Min. ambient temperature fixed installation	90 °C

technical data

nominal voltage UN	1000 V
nominal voltage U0	690 V

accessories

item no.	type	description
Z6.563.6053.0	cable end cap podis 5G6	Cable end cap for podis flat cable 5G6; 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.
05.562.3000.0	cable clip Befestigungsschelle	Cable clip for flat cable

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 fedd-in boxes podis 5G16 (75.450.xx14.3)

assembly

item no.	type	description
75.250.0053.1	connecting module FCS 6 5 SI SA M32	podis® CON 5G6 connecting module, rated voltage 690 V, rated current 41 A, cross section fine-stranded 1.5 mm² - 16 mm², output for M32 cable gland, IP65, color housing black
75.252.0053.1	connecting module FCS 6 5 SI SA RST20i5	podis® CON 5G6 connecting module, rated voltage 690 V, rated current 20 A, output RST20i5 Female, IP65, color housing black
75.252.0153.1	connecting module FCS 6 5 SI SA RST20i5 LH	podis® CON 5G6 connecting module, flat version, rated voltage 690 V, rated current 20 A, output RST20i5 Female, IP65, color housing black
75.256.0053.1	connecting module FCS 6 5 SI SA M25	podis® CON 5G6 connecting module, rated voltage 690 V, rated current 41 A, cross section fine-stranded 1.5 mm² - 16 mm², output for M25 cable gland, IP65, color housing black
75.256.0153.1	connecting module FCS 6 5 SI SA M25 LH	podis® CON 5G6 connecting module, flat version, rated voltage 690 V, rated current 20 A, cross section fine-stranded 1.5 mm² - 4 mm², output for M25 cable gland, IP65, color housing black