product data sheet

item no. 00.770.0303.1

flat cable 5G2,5MM² HF SW B2

gesis® NRG BASIC flat cable; mains 5G2.5; 20 A; 0.6/1 kV; halogen free fire class: B2ca s1a d1 a1; color: black.



item no.	00.770.0303.1
EAN	4049088462290
order unit	1 piece(s)

certificates / approvals

technical data

general

core insulation	PE
core identification	color
number of cores	5
flame retardant	according to DIN 60332-1-2
conductor category	class 6 = very flexible
screen	no
yellow/green conductor	yes
cable width approx.	24 mm
cable height approx.	6.3 mm
color outer sheath	black
material outer sheath	polyolefin
fire class	B2ca s1a d1 a1

technical data

nominal cross section conductor	2.5 mm²
nominal voltage UN	1000 V
nominal voltage U0	600 V
bending radius, static	100 mm
fire class	B2ca s1a d1 a1
conductor category	class 6 = very flexible
number of cores	5
core insulation	PE
yellow/green conductor	yes
screen	no
material outer sheath	polyolefin
color outer sheath	black
flame retardant	according to DIN 60332-1-2

halogen free (according to EN 60754-12)	yes
cable width approx.	24 mm
cable height approx.	6.3 mm
ambient temperature min.	-25 °C
ambient temperature max.	90 °C
nominal voltage U0	600 V
nominal voltage U	1000 V

material

halogen free	yes
fire load	1.3 kWh/m

accessories

item no.	type	description
F0.000.0051.9	cutting tool podis/gesis	Cutter for podis and gesis cables up to 5G16 (AWG 5C6), blade length 40 mm
05.562.3000.0	cable clip Befestigungsschelle	Cable clip for flat cable
06.562.0653.0	end cap GESIS NRG 5x2,5+5x4MM²	gesis® NRG end cap; for flat cable 5G2,5 and 5G4; IP40; can be assembled after cable is cut with special cutting tool; colour: natural coloured
95.300.0600.0	cutting tool GESIS NRG 5x2,5+5x4MM²	gesis® NRG cutting tool; mandatory to cut and prepare the ends of gesis NRG BASIC and gesis NRG DIMM flat cable for the end cap.
99.681.0000.0	sample case GESIS NRG 5x2,5+5x4MM²	gesis® NRG sample case 5G2,5 and 5G4 mmm²; contains feed-in and tapping gesis® NRG BASIC and DIMM, flat cable 5G2,5 mm² PVC pastel blue, flat cable 5G4 mm² halogenfree green, end caps, screw driver TX10.

assembly

item no.	type	description
92.050.1553.1	flat cable adapter GST18I5A S1 F7 SW	gesis® NRG mains feed-in for flat cable; colour: black; 250/400 V; 20 A; IP40; integrated strain-relief to feed-in with round cables, diameter: 12 to 16 mm, cross-section fine-stranded: 2,5 bis 4 mm², solid: 2,5-6 mm²; Piercing-contact screws with Torx-head; for gesis® NRG flat cable 5G2,5, 5G4, 5G2,5+2x1,5 and 5G4+2x1,5
92.031.5453.1	flat cable adapter GST18I3I B1H F7V SW	gesis® NRG flat cable adapter to GST18i3; Code 1 mains; colour of coding: black; pre-selection of L1 or L2 or L3; 250 V; 20 A; IP20; pluggable output parallel to flat cable; piercing-contact screws with Torx-head; for gesis® NRG flat cable 5G2,5, 5G4, 5G2,5+2x1,5 and 5G4+2x1,5
92.051.5453.1	flat cable adapter GST18I5I B1H F7V SW	gesis® NRG flat cable adapter to GST18i5; Code 1 mains; colour of coding: black; 250/400 V; 20 A; pluggable output parallel to flat cable; piercing-contact screws with Torx-head; for gesis® NRG flatcable 5G2,5, 5G4, 5G2,5+2x1,5 und 5G4+2x1,5
06.562.0653.0	end cap GESIS NRG 5x2,5+5x4MM²	gesis® NRG end cap; for flat cable 5G2,5 and 5G4; IP40; can be assembled after cable is cut with special cutting tool; colour: natural coloured