

Data sheet

Commercial Art.No.: 00.770.0303.1

Flat cable 5G2,5MM² HF SCHWARZ TYP B

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



Commercial Art.No.	00.770.0303.1
EAN	4049088462290
Order Unit	1

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 s1 d1 a1

Technical data

Nominal cross section conductor	2.5 mm ²
Nominal voltage U _N	1 kV
Nominal voltage U ₀	600 V
Bending radius, static	100 mm
Fire class	B2ca s1 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
Nominal voltage U ₀	600 V
Nominal voltage U	1 kV

Material

halogen free	yes
Fire load	1.3 kWh

Classification

ECLASS 8.1	27062002
ETIM 7.0	EC003250
ETIM 6.0	EC000825
ETIM 5.0	EC000825
ETIM 4.0	EC000825
ETIM 3.0	EC000825

Product compliance

REACH-SVHC conformity status	Compliant
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Accessories

Commercial Art.No.:	Article-type description:	Description:
06.562.0653.0	end cap GESIS NRG 5x2,5+5x4MM ²	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+5x4MM ²	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+5x4MM ²	gesis® NRG sample case 5G2,5 and 5G4 mmm ² ; contains feed-in and tapping gesis® NRG BASIC and DIMM, flat cable 5G2,5 mm ² PVC pastel blue, flat cable 5G4 mm ² halogenfree green, end caps, screw driver TX10.
05.562.3000.0	Cable clip Befestigungsschelle	Cable clip for flat cable

Fits with

Commercial Art.No.:	Article-type description:	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 mm ² , solid: 2,5-6 mm ² ; 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	gegis® 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
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