

Data sheet

Commercial Art.No.: 00.710.0303.6

Flat cable 5G2,5MM² HF BLAU

gesis® NRG DIMM flat cable; mains+signal 5G2.5; 20 A; 0.6/1 kV; halogen free CPR class Eca; color: blue.



Commercial Art.No.	00.710.0303.6
EAN	4049088260681
Order Unit	1

Certificates / Approvals



Technical data

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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	Eca
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	pastel blue
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

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

ROHS conformity status	Compliant
REACH-SVHC conformity status	Compliant

Accessories

Commercial Art.No.:	Article-type description:	Description:
06.562.0653.0	end cap GESIS NRG 5x2,5+5x4MM ²	gegis® 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	gegis® 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	gegis® NRG sample case 5G2,5 and 5G4 mm 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.

Fits with

Commercial Art.No.:	Article-type description:	Description:
92.050.1653.0	Flat cable adapter GST18I5A S1 F7 PB	gegis® NRG mains + dimming 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 and 5G4
92.051.5553.0	Flat cable adapter GST18I5I B1H F7V PB	gegis® NRG flat cable adapter to GST18i5; Code 2 mains + dimming; colour of coding: pastel blue; 250/400 V; 20 A; pluggable output parallel to flat cable; piercing-contact screws with Torx-head; for gesis® NRG flatcable 5G2,5 and 5G4.