product data sheet

item no. 00.710.0303.6

flat cable 5G2,5MM² HF BL

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



item no.	00.710.0303.6
EAN	4049088260681
order unit	1 piece(s)

certificates / approvals

technical data

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	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
ambient temperature min.	-15 °C
ambient temperature max.	70 °C
nominal voltage U0	600 V
nominal voltage U	1000 V

accessories

item no.	type	description
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
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
92.050.1653.0	flat cable adapter GST18I5A S1 F7 PB	gesis® 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 mm², solid: 2,5-6 mm²; 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	gesis® 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.