product data sheet

item no. 00.710.0323.7

flat cable 5G2,5+2x1,5 HF SC

gesis® NRG BASIC+KNX flat cable; mains 5G2.5; 20 A; 0.6/1 kV; bus 2X1.5; 3 A; 50 V; shielded; halogen free CPR class Eca; color: green.



item no.	00.710.0323.7
EAN	4049088312380
order unit	1 piece(s)

certificates / approvals

technical data

general

rated voltage	600 V / 1.000 V
rated current	20 A
mechanical coding	yes

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 5 = flexible
number of cores	7
core insulation	PE
yellow/green conductor	yes
screen	yes
material outer sheath	polyolefin
color outer sheath	green
flame retardant	according to DIN 60332-1-2
halogen free (according to EN 60754-12)	yes
cable width approx.	36.9 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

nominal cross section	1.5 mm²

model

nominal cross section conductor	2.5 mm²

material

halogen free	yes
fire load	1.635 kWh/m

assembly

item no.	type	description
93.422.0553.1	connector BST14I2F S1 ZR1 S MGN01	gesis® NV connector, number of poles 2, male, connection type spring clamp connection, rated voltage 50 V, rated current 3 A, cable diameter 5.5 - 6.5 mm, color of coding/ contact carrier green
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
93.420.5453.0	flat cable adapter BST14I2A SI	gesis® NRG bus feed-in for flat cable; colour: black; 50 V; 3 A; IP20; integrated strain-relief to feed-in with round cables; diameter: 5,9 to 7,5 mm; cross-section 0,5 to 1,5 mm²; piercing-contact screws with Torx-head; for gesis® NRG flat cable 5G2,5+2x1,5 and 5G4+2x1,5 with shielded bus.
93.421.5453.0	flat cable adapter BST14I2I B1HZB GN01	gesis® NRG flat cable adapter BST14i2; color of coding: green; 50 V; 3 A; IP20; tap off of the SELV signal of the combined flat cable BASIC+KNX with shielded bus; pluggable output parallel to flat cable; piercing-contact screws with Torx-head; no shield contacting; for gesis® NRG flat cable 5G2,5+2x1,5 and 5G4+2x1,5 with shielded bus.
06.562.4353.0	end cap GESIS NRG 5+2	gesis® NRG end cap; for flat cable 5G2,5/4+2X1,5 Basic + KNX and Basic + Signal; IP40; rated voltage 50 V; can be assembled after cable is cut with special cutting tool; colour: natural coloured