product data sheet

item no. 00.710.1323.1

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

gesis® NRG BASIC+SIGNAL flat cable; mains 5G2.5; 20 A; 0.6/1 kV; bus 2X1.5; 6 A; 250 V; unshielded; halogen free CPR class Eca; color: black.



item no.	00.710.1323.1
EAN	4049088354106
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	no
material outer sheath	polyolefincompound
color outer sheath	black
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

accessories

item no.	type	description
05.569.7453.0	cable clip FLATCABLE SCREW	Cable clip for podis® CON and gesis® NRG flatcables, for all cross- sections; for effective installation using quick-release fastener and just one fixing point; Version for fixing with screw; for wall and ceiling mount; with clips for the installation to cable trays with 25 mm mounting distance; color black
05.569.7553.0	cable clip FLATCABLE NAIL	Cable clip for podis® CON and gesis® NRG flatcables, for all cross- sections; for effective installation using quick-release fastener and just one fixing point; Version for fixing with powder-actuated tool; for wall and ceiling mount; color black

assembly

item no.	type	description
91.922.2453.0	connector GST15I2S S1 ZF1 W PB01	gesis® MINI connector, number of poles 2, male, connection type screw connection, rated voltage 250 V, rated current 6 A, cable diameter 3.4 - 5.5 mm, color of coding/ contact carrier pastel blue
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
91.020.5453.0	flat cable adapter GST15I2A SI	gesis® NRG bus feed-in for flat cable; colour: black; 250 V; 6 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 unshielded bus.
91.021.5453.0	flat cable adapter GST15I2I B1H PB02	gesis® NRG flat cable adapter GST15i2; color of coding: pastel blue; 250 V; 6 A; IP20; tap off of the signal of the combined flat cable BASIC+SIGNAL with unshielded bus; pluggable output parallel to flat cable; piercing-contact screws with Torx-head; for gesis® NRG flat cable 5G2,5+2x1,5 and 5G4+2x1,5 with unshielded bus.
92.051.5653.0	flat cable adapter GST18I5I B1H F7V PB02	gesis® NRG flat cable adapter to GST18i5; Code 2 mains + not SELV; colour of coding: pastel blue; pre-selection of L1 or L2 or L3; 250 V; 20 A; pluggable output parallel to flat cable; piercing-contact screws with Torx-head; for gesis® NRG flatcable without shield 5G2,5+2x1,5 und 5G4+2x1,5.
06.562.9753.0	end cap GESIS NRG 5+2	gesis® NRG end cap; for flat cable 5G2,5/4+2X1,5 Basic + Signal; IP40; rated voltage 250 V; can be assembled after cable is cut with cutting tool; Contains silicone; colour: natural coloured