

## Data sheet

Commercial Art.No.: 00.712.1323.1

Flat cable 5G2,5+2x1,5 PVC OSCHIRM

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



Commercial Art.No.	00.712.1323.1
EAN	4049088354120
Order Unit	1

Certificates / Approvals



## Technical data

### Technical data

Nominal cross section conductor	2.5 mm <sup>2</sup>
Nominal voltage U <sub>N</sub>	1 kV
Nominal voltage U <sub>0</sub>	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	PVC
Color outer sheath	black
Flame retardant	according to DIN 60332-1-2
Halogen free (according to EN 60754-12)	No
Cable width approx.	36.9 mm
Cable height approx.	6.3 mm
Nominal voltage U <sub>0</sub>	600 V
Nominal voltage U	1 kV
Nominal cross section	1.5 mm <sup>2</sup>

### Model

Nominal cross section conductor	2.5 mm <sup>2</sup>
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**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

**Material**

halogen free	No
Fire load	1.755 kWh

**General**

Rated voltage	600 V / 1.000 V
Rated current	20 A
Mechanical coding	yes

**Product compliance**

ROHS conformity status	Compliant
REACH-SVHC conformity status	Compliant

**Fits with**

Commercial Art.No.:	Article-type description:	Description:
91.922.2453.0	Connector GST15I2S S1 ZF1 W PB01	GST15i2 connector, 2 pole, male, with screw connection, for cable diameters 3.4-5.5 mm, coding not SELV, 6 A, coding color pastel blue, strain relief color white
92.050.1553.1	Flat cable adapter GST18I5A S1 F7 SW	geis® 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 <sup>2</sup> , solid: 2,5-6 mm <sup>2</sup> ; Piercing-contact screws with Torx-head; for geis® 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	geis® 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 geis® 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	geis® 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 geis® NRG flat cable 5G2,5, 5G4, 5G2,5+2x1,5 und 5G4+2x1,5
91.020.5453.0	Flat cable adapter GST15I2A SI	geis® 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 mm <sup>2</sup> ; piercing-contact screws with Torx-head; for geis® NRG flat cable 5G2,5+2x1,5 and 5G4+2x1,5 with unshielded bus.
91.021.5453.0	Flat cable adapter GST15I2I B1H PB02	geis® 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 geis® 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	gegis® 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 gegis® NRG flatcable without shield 5G2,5+2x1,5 und 5G4+2x1,5.
06.562.9753.0	end cap GESIS NRG 5+2; 250V	gegis® 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 special cutting tool; colour: natural coloured