

Data sheet

Commercial Art.No.: 00.710.0323.7

Flat cable 5G2,5+2x1,5 HF MSCHIRM

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.



Commercial Art.No.	00.710.0323.7
EAN	4049088312380
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 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
Nominal voltage U ₀	600 V
Nominal voltage U	1 kV
Nominal cross section	1.5 mm ²

Model

Nominal cross section conductor	2.5 mm ²
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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	yes
Fire load	1.635 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:
93.422.0553.1	Connector BST14I2F S1 ZR1 S MGN01	Connector BST14i2, 2 pole, male, spring clamp connection, 50V/3A, color of coding: green, color of housing: black
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 ² , solid: 2,5-6 mm ² ; 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
93.420.5453.0	Flat cable adapter BST14I2A SI	geis® 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 mm ² ; piercing-contact screws with Torx-head; for geis® NRG flat cable 5G2,5+2x1,5 and 5G4+2x1,5 with shielded bus.
93.421.5453.0	Flat cable adapter BST14I2I B1HZB GN01	geis® 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 geis® NRG flat cable 5G2,5+2x1,5 and 5G4+2x1,5 with shielded bus.

06.562.4353.0	end cap GESIS NRG 5+2; 50V	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
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