

Data sheet

Commercial Art.No.: 00.712.0323.7

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

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



Commercial Art.No.	00.712.0323.7
EAN	4049088312366
Order Unit	1

Technical data

Technical data

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	PVC
Color outer sheath	green
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 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
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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:
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	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 mm ² , solid: 2,5-6 mm ² ; 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 flat cable 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 mm ² ; 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; 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