product data sheet

item no. 00.712.0303.1

flat cable 5G2,5MM² PVC SW

gesis® NRG BASIC flat cable; mains 5G2.5; 20 A; 0.6/1 kV; PVC CPR class Eca; color: black.



item no.	00.712.0303.1
EAN	4049088299919
order unit	1 piece(s)

certificates / approvals

technical data

general

core insulation	PVC
core identification	color
number of cores	5
flame retardant	according to DIN 60332-1-2
conductor category	class 6 = very flexible
screen	no
yellow/green conductor	yes
cable width approx.	24 mm
cable height approx.	6.3 mm
color outer sheath	black
material outer sheath	PVC
fire class	Eca

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 6 = very flexible
number of cores	5
core insulation	PVC
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.	24 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

material

halogen free	no
fire load	1.325 kWh/m

accessories

item no.	type	description
F0.000.0051.9	cutting tool podis/gesis	Cutter for podis and gesis cables up to 5G16 (AWG 5C6), blade length 40 mm
05.562.3000.0	cable clip Befestigungsschelle	Cable clip for flat cable
06.562.0653.0	end cap GESIS NRG 5x2,5+5x4MM²	gesis® NRG end cap; for flat cable 5G2,5 and 5G4; IP40; can be assembled after cable is cut with special cutting tool; colour: natural coloured
95.300.0600.0	cutting tool GESIS NRG 5x2,5+5x4MM²	gesis® NRG cutting tool; mandatory to cut and prepare the ends of gesis NRG BASIC and gesis NRG DIMM flat cable for the end cap.
99.681.0000.0	sample case GESIS NRG 5x2,5+5x4MM²	gesis® NRG sample case 5G2,5 and 5G4 mmm²; contains feed-in and tapping gesis® NRG BASIC and DIMM, flat cable 5G2,5 mm² PVC pastel blue, flat cable 5G4 mm² halogenfree green, end caps, screw driver TX10.

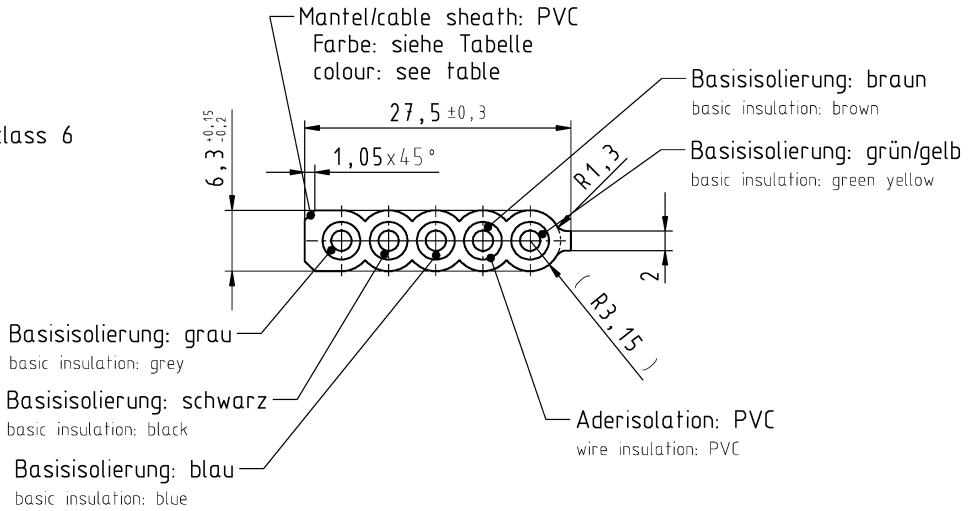
assembly

item no.	type	description
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
06.562.0653.0	end cap GESIS NRG 5x2,5+5x4MM²	gesis® NRG end cap; for flat cable 5G2,5 and 5G4; IP40; can be assembled after cable is cut with special cutting tool; colour: natural coloured

technical drawing

Querschnitt/wire size: 5x2,5mm²

Kupferleiter, blank,0,15mm feindrähtig nach IEC60228 Klasse 6
copper wire, pure, 0,15mm fine stranded according to IEC60228 class 6

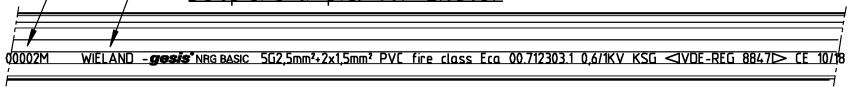


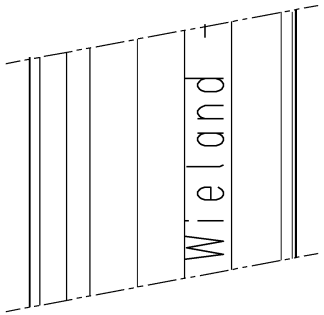
Bedruckung/printing:

Metermarkierung 00000M-99999M
length marking every meter

alle 500mm /every 500mm:
WIELAND - gesis® NRG BASIC
5G2,5mm²+2x1,5mm²
PVC fire class Eca
Teilenummer: siehe Tabelle
part number: see table
0,6/1KV KSG <VDE-REG 8847> CE
Fertigungsdatum KK/JJ
manufacturing date

Beispiel/example: 00.712.0303.1





Teilenummer part-no.	Farbe colour
00.712.0303.1	schwarz / black RAL 9005
00.712.0303.3	grau / grey RAL 7035
00.712.0303.7	grün / green RAL 6018

Tolerierung Size ISO 14405 Ⓔ / Tolerance system Size ISO 14405 Ⓔ.
(This ISO-standard describes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances).

ja/yes ☒ Stoffverbots- und Deklarationsliste nach WN 5020 010 ist einzuhalten. Conformity with Wieland document WN 5020 010 e (list of prohibited / declarable hazardous substances) to be declared!

Freitoleranz nach General tolerance

CAD - Zeichnung, keine manuellen Änderungen
CAD - drawing, no manual modifications allowed

1. Verwendung: First Use:

Blatt: 1 von 1 Sheet: 1 of 1

Werkstoff / Material

Maßstab / Scale: 2:1

Vol. mm³ Oft./Srf. mm²

	Tag/Date	Name
gezeichnet drawn	27.05.2015	Schmitt J.
geprüft checked		
Normgeor. Stand. check		

Zeichnung Nr. / Drawing No.: 00.712.0303.3 01K

Index: a

Maße in mm / Dimensions are in mm

Ersatz für / Replacement for:

Type

Bennenung/Title: FLACHLEITUNG
gesis System
5G2,5qmm PVC
FLAT CABLE

Index	Datum / Blatt Date / Sheet	Änderung / Revision
a.	234.10.2018 /	

wieland
www.wieland-electric.com

Schmitt_00_712_0303_3_01K-AAdwg | _main_2 CADW4032 Schmitt 2018-10-24T11:16:06 1.000

QU-MEE-01/14 a

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