

Data sheet

Commercial Art.No.: 00.710.1324.1

Flat cable 5G4+2x1,5LSOH OSCHIRM

gesis® NRG BASIC+SIGNAL flat cable; mains 5G4; 20 A; 0.6/1 kV; bus 2X1.5; 6 A; 250 V; unshielded; halogen free CPR class Eca; color: black.



Commercial Art.No.	00.710.1324.1
EAN	4049088354113
Order Unit	1

Certificates / Approvals



Technical data

Technical data

Nominal cross section conductor	4 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	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
Nominal voltage U ₀	600 V
Nominal voltage U	1 kV
Nominal cross section	1.5 mm ²

Model

Nominal cross section conductor	4 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	1.735 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

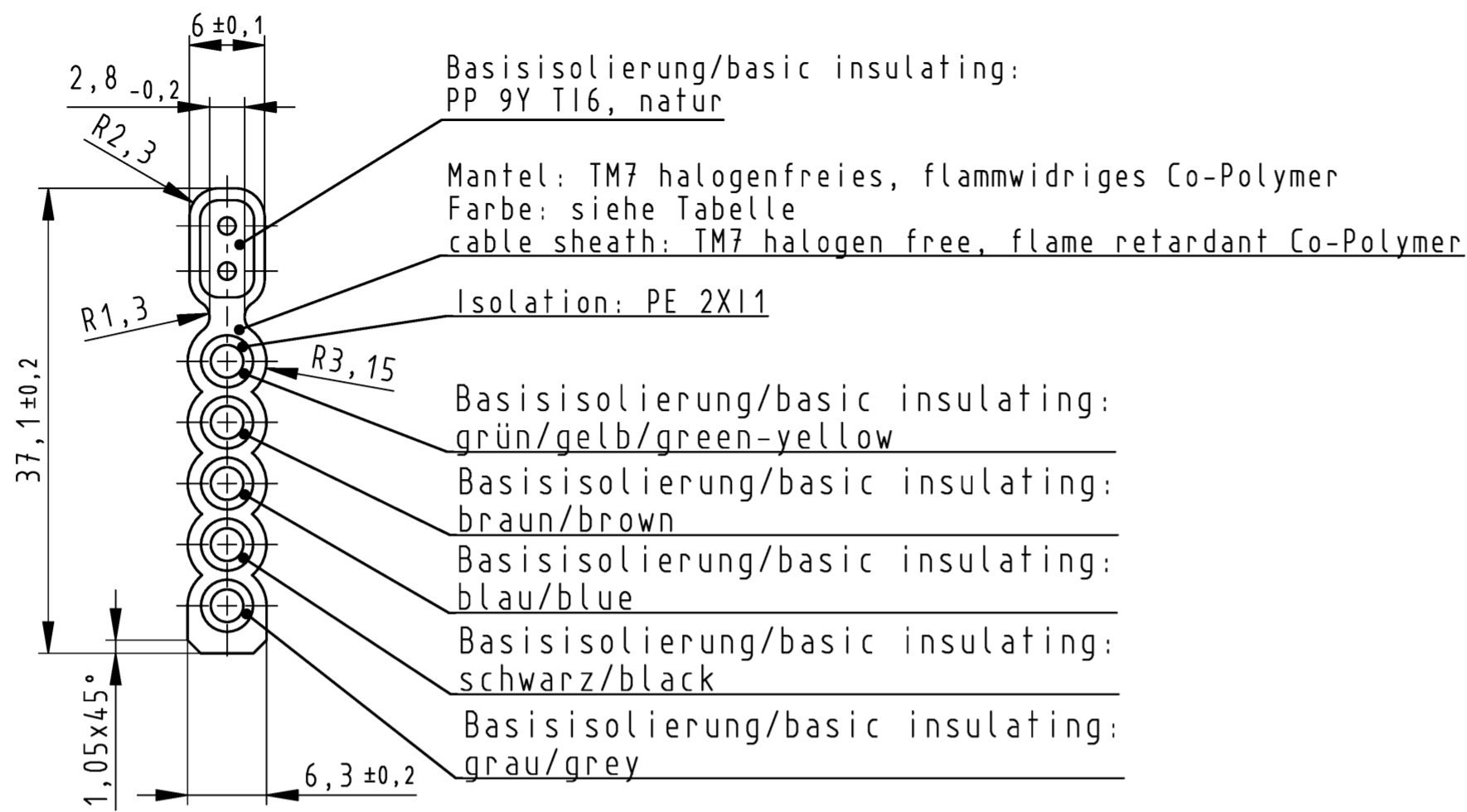
Commercial Art.No.:	Article-type description:	Description:
91.922.2453.0	Connector GST15I2S S1 ZF1 W PB01	GST15i2 connector, 2 pole, male, with screw connection, for cable diameters 3.4-5.5 mm, coding not SELV, 6 A, coding color pastel blue, strain relief color white
92.050.1553.1	Flat cable adapter 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 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
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 ² ; 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 gesis® 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

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These dimensions will be especially checked at delivery
 Only inspection dimensions
 With IE marked dimensions are only valid for internal use

Diese Maße werden bei Abnahme besonders geprüft
 Ausschließlich Prüfmaße
 Mit IE gekennzeichnete Maße sind nur für interne Zwecke gültig



Bedruckung/printing:

Metermarkierung 00000M-99999M
 length marking every meter

alle 500mm/every 500mm:

WIELAND - **gesis** NRG BASIC + SIGNAL

5G4mm²+2x1,5mm²

LSOH fire class Yyy

Teilenummer/part number

0,6 / 1KV KSG <VDE-REG 8848> CE

Fertigungsdatum/manufacturing date KWJJ

XXXXXM WIELAND **gesis** NRG BASIC+SIGNAL5G4mm²+2x1,5mm² LSOH fire class Yyy

ZZ.ZZZ.ZZZ.Z 0,6 / 1KV KSG <VDE-REG 8848> CE KWJJ

Leitung/wire: 5x4mm²

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

Bus: 2x1,5qmm

verzinnete Kupferlitze, flexibel gemäß VDE 0295, IEC 60228 Klasse 5
 tinned copper wire, flexible according VDE 0295, IEC 60228 class 5

Teilenummer part number	Mantelfarbe colour	Brandschutzklasse Yyy fire protection classification Yyy	Bedruckungsfarbe colour of printing
00.710.1324.1	schwarz, RAL 9005	Eca	weiß

Weitere Daten siehe KATALOG oder eKatalog
 additional data see CATALOG or eCATALOG
www.wieland-electric.com
eshop.wieland-electric.com

Tolerierung Size ISO 14405 © / Tolerance system Size ISO 14405 ©		ja/yes <input checked="" type="checkbox"/> Stoffverbots- und Deklarationsliste nach WN 5020.010 ist einzuhalten. (This ISO-standard describes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances). 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		Zeichnung Nr. / Drawing No.	
Werkstoff / Material		gezeichnet drawn	08.06.2021
Maßstab / Scale		Elektronische Freigabe Electronic Release	
Vol. mm ³ / Dfl./Srf. mm ²		Ersatz für / Replacement for:	
Type		Benennung/Title	
wieland		gesisNRG	
Index Datum / Blatt Date / Sheet		FLACHLEITUNG gesis system 7-polig/7 poles 5G4qmm + 2x1,5qmm LSOH	
Änderung / Revision			