product data sheet

item no. 00.710.1324.1

flat cable 5G4+2x1,5 HF OS

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.



item no.	00.710.1324.1
EAN	4049088354113
order unit	1 piece(s)

certificates / approvals

technical data

general

rated voltage	600 V / 1.000 V
rated current	20 A
mechanical coding	yes

technical data

nominal cross section conductor	4 mm²
nominal voltage UN	1000 V
nominal voltage U0	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
ambient temperature min.	-15 °C
ambient temperature max.	70 °C
nominal voltage U0	600 V
nominal voltage U	1000 V

nominal cross section	1.5 mm²

model

nominal cross section conductor	4 mm²

material

halogen free	yes
fire load	1.735 kWh/m

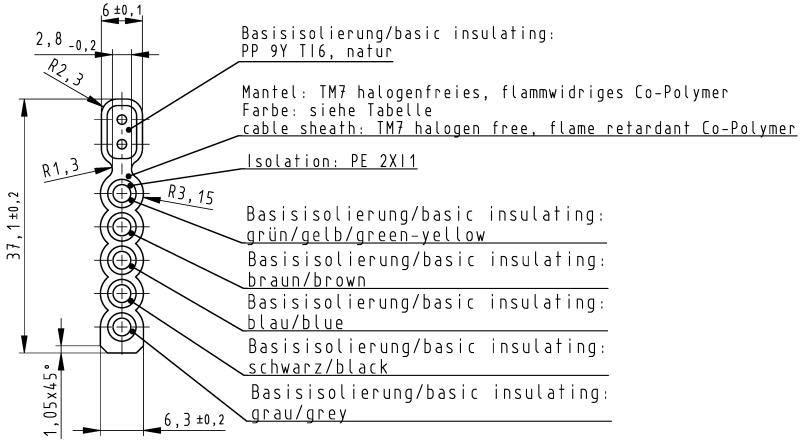
accessories

item no.	type	description
05.569.7453.0	cable clip FLATCABLE SCREW	Cable clip for podis® CON and gesis® NRG flatcables, for all cross- sections; for effective installation using quick-release fastener and just one fixing point; Version for fixing with screw; for wall and ceiling mount; with clips for the installation to cable trays with 25 mm mounting distance; color black
05.569.7553.0	cable clip FLATCABLE NAIL	Cable clip for podis® CON and gesis® NRG flatcables, for all cross- sections; for effective installation using quick-release fastener and just one fixing point; Version for fixing with powder-actuated tool; for wall and ceiling mount; color black

assembly

item no.	type	description
91.922.2453.0	connector GST15I2S S1 ZF1 W PB01	gesis® MINI connector, number of poles 2, male, connection type screw connection, rated voltage 250 V, rated current 6 A, cable diameter 3.4 - 5.5 mm, color of coding/ contact carrier pastel blue
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
91.020.5453.0	flat cable adapter GST15I2A SI	gesis® 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 mm²; piercing-contact screws with Torx-head; for gesis® NRG flat cable 5G2,5+2x1,5 and 5G4+2x1,5 with unshielded bus.
91.021.5453.0	flat cable adapter GST15I2I B1H PB02	gesis® 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 gesis® 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	gesis® 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	gesis® 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 cutting tool; Contains silicone; colour: natural coloured

technical drawing



Bedruckung/printing:

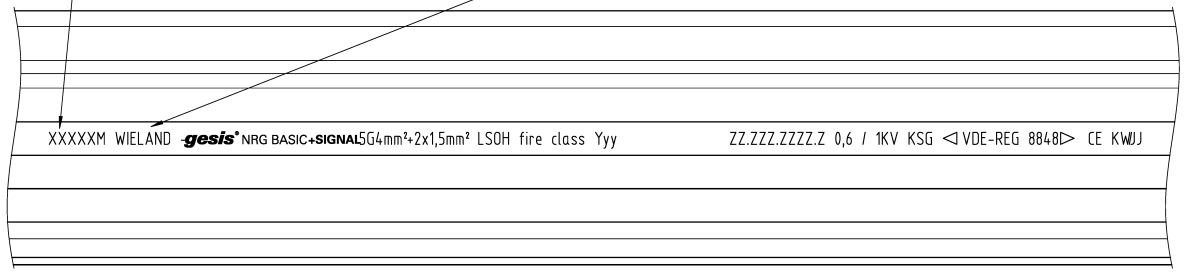
Metermarkierung 00000M-99999M
length marking every meter

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



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
verzinnte 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 Ⓔ.
(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: Sheet: 1 von of 1
Werkstoff / Material
Maßstab / Scale 2:1
Tag/Date Name
gezeichnet drawn 08.06.2021 Hollet
Elektronische Freigabe Electronic Release
Zeichnung Nr. / Drawing No. 00.710.1324.1 13K
Index -
Maße in mm / Dimensions are in mm
Vol. mm³ Off./Srf. mm²
Ersatz für / Replacement for:
Type gesisNRG
Benennung/Title
FLACHLEITUNG
gesis system 7-polig/7 poles
5G4qmm + 2x1,5qmm LSOH
Index Datum / Blatt Date / Sheet
Änderung / Revision
wieland

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These dimensions will be especially checked at delivery
Only inspection dimensions
Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Nur die gekennzeichneten Maße sind nur für interne Zwecke gültig.
Only marked dimensions are valid for internal use

00_710_1324_1_13K_1 CADW5505 Hollet 2021-06-08T14:04:20 1.000
01-QU-RD-32/21