

## Data sheet

Commercial Art.No.: 93.422.0553.1

connector BST14I2F S1 ZR1 S MGN01

gesis® NV connector, number of poles 2, male, connection type spring clamp connection, rated voltage 50 V, rated current 3 A, cable diameter 5.5 - 6.5 mm, color of coding/ contact carrier green



Commercial Art.No.	93.422.0553.1
EAN	4015573442535
Order Unit	1

certificates / approvals



## Technical data

### general

rated current	3 A
rated voltage	50 V
rated impulse voltage	0.8 kV
strain relief	yes
pollution degree	2
mechanical coding	yes
lockable	self-locking (unlocking by hand)
color of coding/ contact carrier	green
marking of poles	1+, 2-
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	6017

### connection data

cable diameter max.	6.5 mm
cable diameter min.	5.5 mm
connection cross section solid mm <sup>2</sup> max.	0.75 mm <sup>2</sup>
connection cross section solid mm <sup>2</sup> min.	0.25 mm <sup>2</sup>
terminations per pole	1
sheath strip length	21 mm
wire strip length	9 mm

### model

model	male
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connection type	spring clamp connection
degree of protection (IP)	IP20

**material**

housing material	polyamide
halogen free	yes
contact material	CuBe
fire load	0.038 kWh/St
insulation components continuous temperature	100 °C
surface finish	gilt

**dimensions**

length	47 mm
width	15.2 mm
height	14.4 mm

**classification**

ECLASS 11	
ECLASS 8.1	27440605
ETIM 9.0	EC002560
ETIM 8.0	EC002560
ETIM 7.0	EC002560
ETIM 6.0	EC002560
ETIM 5.0	EC002560
ETIM 4.0	EC002560

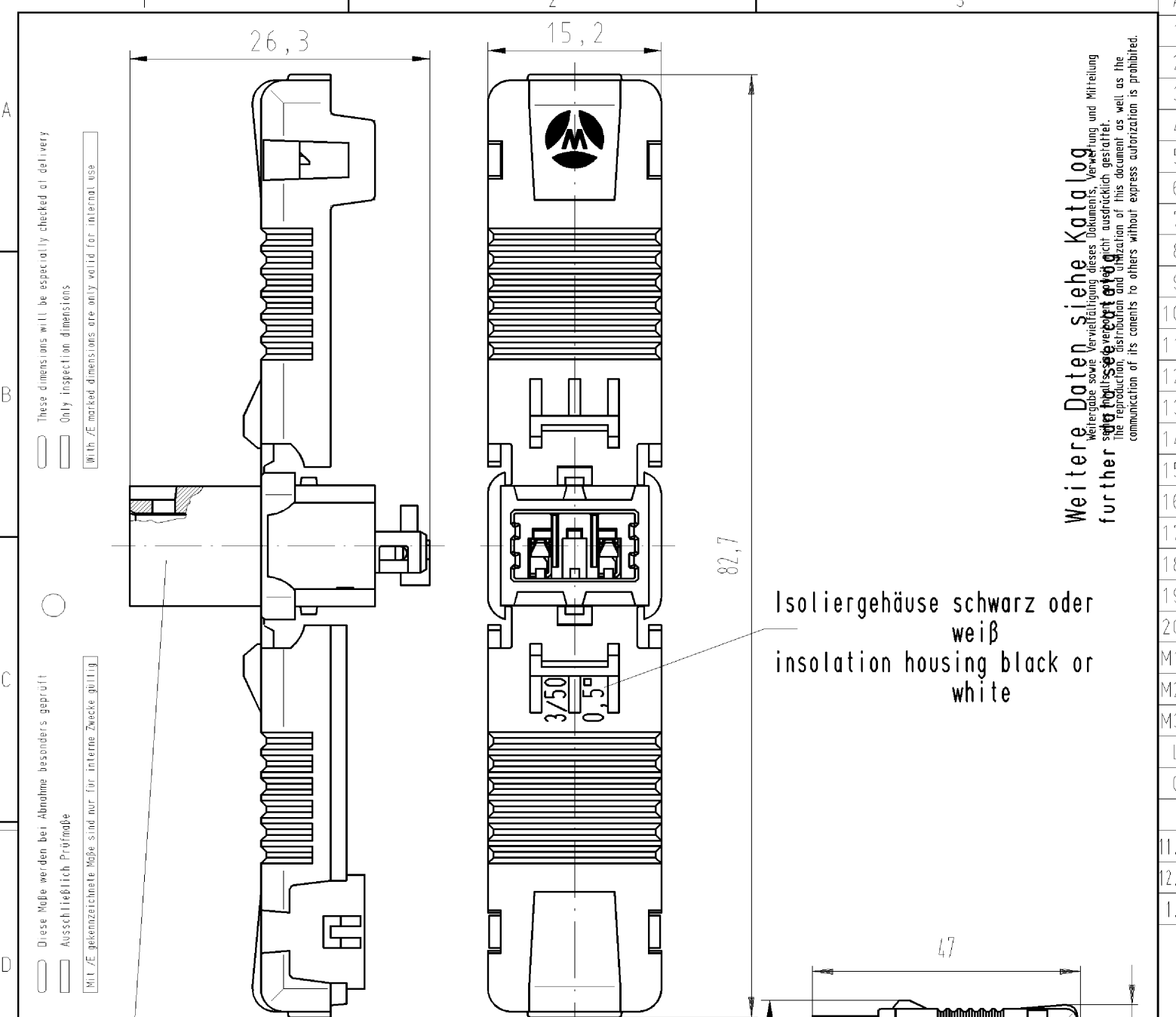
**product compliance**

ROHS conformity status	compliant
REACH-SVHC conformity status	compliant

**Fits with**

Commercial Art.No.:	Article-type description:	Description:
93.420.0653.0	distributor BST14I2V 2P1T GN01	geis® NV T-distributor, without fastening option, number of poles 2, rated voltage 50 V, rated current 3 A, number of inputs 1, number of outputs 2, color of coding/ contact carrier green
93.421.0353.0	device connector BST14I2F B1 R W GN01	geis® NV device connector, snap-in, housing material thickness: 0.5 - 1.5 mm, number of poles 2, model female, connection type spring clamp connection, rated voltage 50 V, rated current 3 A, color of coding/ contact carrier green
93.421.0653.1	device connector BST14I2L B1 GN01	geis® NV device connector, solder connector, horizontal, without fastening flange, number of poles 2, model female, connection type soldering connection, rated voltage 50 V, rated current 3 A, color of coding/ contact carrier green
94.425.1000.7	cable assembly BST14I2KFBS 50 10GN01	geis® NV connecting cable, female - male, number of poles 2, rated voltage 50 V, rated current 3 A, cable type FB-2Y(ST)Y 2x2x0.8, fire class Eca, total length 1 m, nominal cross section conductor 0.5 mm <sup>2</sup> , color of coding/ contact carrier green

94.425.1003.7	cable assembly BST14I2KFB- 50 10GN01	gegis® NV connection cable, female - free end, number of poles 2, rated voltage 50 V, rated current 3 A, cable type FB-2Y(ST)Y 2x2x0.8, fire class Eca, total length 1 m, nominal cross section conductor 0.5 mm <sup>2</sup> , color of coding/ contact carrier green
94.425.1004.7	cable assembly BST14I2KF-S 50 10GN01	gegis® NV connection cable, male - free end, number of poles 2, rated voltage 50 V, rated current 3 A, cable type FB-2Y(ST)Y 2x2x0.8, fire class Eca, total length 1 m, nominal cross section conductor 0.5 mm <sup>2</sup> , color of coding/ contact carrier green
93.421.0553.1	connector BST14I2F B1 ZR1 S MGN01	gegis® NV connector, number of poles 2, female, connection type spring clamp connection, rated voltage 50 V, rated current 3 A, cable diameter 5.5 - 6.5 mm, color of coding/ contact carrier green
00.712.0323.7	flat cable 5G2,5+2x1,5 PVC SC	gegis® 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.
00.770.0323.7	flat cable 5G2,5+2x1,5 HF SC	gegis® NRG BASIC+KNX flat cable; mains 5G2.5; 20 A; 0.6/1 kV; bus 2X1.5; 3 A; 50 V; shielded; halogen free fire class: B2ca s1a d1 a1; color: green.
00.770.0324.7	flat cable 5G4+2x1,5 HF SC	gegis® NRG BASIC+KNX flat cable; mains 5G4; 20 A; 0.6/1 kV; bus 2X1.5; 3 A; 50 V; shielded; halogen free fire class: B2ca s1a d1 a1; color: green.
00.710.0323.7	flat cable 5G2,5+2x1,5 HF SC	gegis® 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.
00.710.0324.7	flat cable 5G4+2x1,5 HF SC	gegis® NRG BASIC+KNX flat cable; mains 5G4; 20 A; 0.6/1 kV; bus 2X1.5; 3 A; 50 V; shielded; halogen free CPR class Eca; color: green.



Steckereinsatz grün  
socket insert green

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

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

Teile-Nr. part-no.	Typ type	Farbe colour
93.422.0553.0	BST1412F S1 ZR1 W MGN01	weiß, white
93.422.0553.1	BST1412F S1 ZR1 S MGN01	schwarz, black

Tolerierung nach DIN 7167/Tolerance system acc. to DIN 7167. (This DIN-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 UU-TQM-05/03 ist einzuhalten. Conformity with Wieland document UU-TQM-05/03 (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		2006 Tag/Date	Name	Zeichnung Nr./Drawing No.		Index
		gezeichnet drawn	14.03.	Schmitt J.	93.422.0553.0 01K	
Maßstab/Scale		geprüft checked	-	-	Maße in mm/Dimensions are in mm	
2:1		Normgepr. Stand. check	-	-		
Vol. mm³ Off./Surf. mm²		Ersatz für/Replacement for: -				
wieland		Type	Benennung/Tittle			
Elektrische Verbindungen		STECKERTEIL				
Index Datum / Blatt Date / Sheet		Federkraftanschluß				
Änderung/Revision		male connector / spring loaded connection				

Weitere Daten siehe Katalog  
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