

## Data sheet

Commercial Art.No.: 93.422.0553.1

connector BST14i2F S1 ZR1 S MGN01

BST14i2 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                            |

### connection data

|                                         |          |
|-----------------------------------------|----------|
| cable diameter max.                     | 6.5 mm   |
| cable diameter min.                     | 5.5 mm   |
| connection cross section solid mm² max. | 0.75 mm² |
| connection cross section solid mm² min. | 0.25 mm² |
| terminations per pole                   | 1        |
| sheath strip length                     | 21 mm    |
| wire strip length                       | 9 mm     |

### model

|       |      |
|-------|------|
| model | male |
|-------|------|

|                           |                         |
|---------------------------|-------------------------|
| 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 |
| 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        | BST14i2 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 | BST14i2 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     | BST14i2 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  | BST14i2 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 mm², color of coding/ contact carrier green |

|               |                                      |                                                                                                                                                                                                                                                                      |
|---------------|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 94.425.1003.7 | cable assembly BST14I2KFB- 50 10GN01 | BST14i2 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 | BST14i2 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    | BST14i2 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        | geis® 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         | geis® 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           | geis® 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         | geis® 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           | geis® 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.                                                                                                                                 |

A

B

C

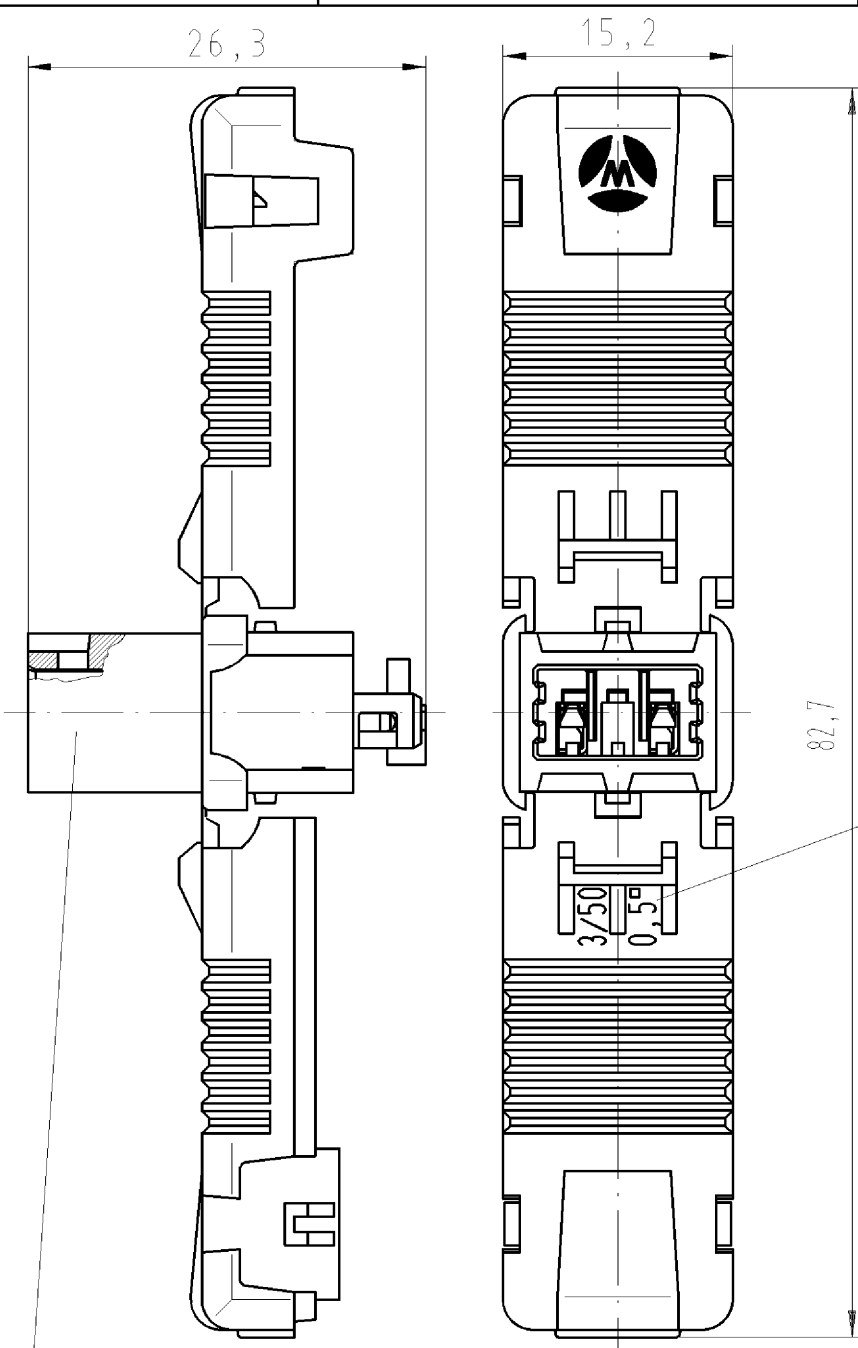
D

E

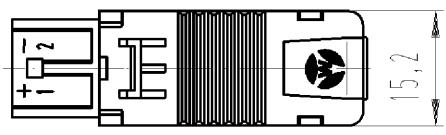
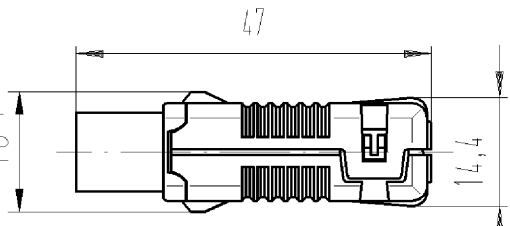
F

☐ 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



Isoliergehäuse schwarz oder weiß  
insolation housing black or white



M 1:1

| Teile-Nr.<br>part-no. | Typ<br>type             | Farbe<br>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<br>drawn                                             | 14.03.          | Schmitt J.                      |                           |       |
|                   | /                             | Maßstab/Scale<br>2:1 | geprüft<br>checked        | -                                                               | -               | Maße in mm/Dimensions are in mm |                           |       |
|                   | /                             |                      | Normgepr.<br>Stand. check | -                                                               | -               |                                 |                           |       |
|                   | /                             | Vol.                 | mm <sup>3</sup>           | Offl./Surf.                                                     | mm <sup>2</sup> | Ersatz für/Replacement for: -   |                           |       |
|                   |                               |                      | wieland                   | Type                                                            | Benennung/Title |                                 |                           |       |
|                   |                               |                      |                           | STECKERTEIL                                                     |                 |                                 |                           |       |
|                   |                               |                      |                           | Federkraftanschluß<br>male connector / spring loaded connection |                 |                                 |                           |       |
| Index             | Datum / Blatt<br>Date / Sheet |                      |                           |                                                                 |                 |                                 |                           |       |
| Änderung/Revision |                               |                      |                           |                                                                 |                 |                                 |                           |       |

Weitere Daten siehe Katalog  
Further data see catalog  
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