

## Datasheet

Art.No. 92.933.0053.0

Female connector with strain relief GST18i3F B2 ZR1 WS

Connector GST18i3, 3 pole, female, spring clamp connection, 250 V, 20 A, colour of coding: white, colour of housing: white



|            |               |
|------------|---------------|
| Art.No.    | 92.933.0053.0 |
| EAN        | 4015573402539 |
| Order unit | 1 pieces      |

## Approvals



## Technical data

### General

|  |          |
|--|----------|
| Rated current                            | 20 A     |
| Rated voltage                            | 250 V    |
| Rated impulse voltage                    | 4 kV     |
| Strain relief                            | Yes      |
| Pollution degree                         | 2        |
| Mechanical coding                        | Code 1   |
| Interlockable                            | Yes      |
| Color of coding/ contact carrier         | White    |
| Marking of poles                         | L, N, PE |
| Color of housing inclusive strain relief | White    |

### Connection Data

|                                   |                     |
|-----------------------------------|---------------------|
| Cable diameter                    | 10.3 mm             |
| Cable diameter 2                  | 7.8 mm              |
| Connection cross section solid    | 2.5 mm <sup>2</sup> |
| Cross section solid 2             | 0.5 mm <sup>2</sup> |
| Connection cross section stranded | 1.5 mm <sup>2</sup> |
| Cross section stranded 2          | 0.5 mm <sup>2</sup> |
| Terminations per pole             | 2                   |

### Model

|                 |        |
|-----------------|--------|
| Model           | female |
| Number of poles | 3      |

|                              |  |
|------------------------------|--|
| Connection type              | Tension clamp connection                           |
| Degree of protection (IP)    | IP20   |
| Remark to type of connection | Finely stranded con. req. Wieland cable end sleeve |

### Material

|  |            |
|--|------------|
| Housing material                             | Polyamide  |
| Halogen free                                 | Yes        |
| Contact material                             | CuZn       |
| Insulation components continuous temperature | 100 °C     |
| Surface finish                               | Tin-plated |

### Dimensions

|        |         |
|--------|---------|
| Length | 75 mm   |
| Width  | 32.5 mm |
| Height | 15.5 mm |

### Accessories

| Art.No.:      | Type:                             | Description   |
|---------------|-----------------------------------|---|
| 05.561.3653.0 | Cover cap GST18i3VS B WS          | Cover piece for female GST18i3, white   |
| 05.561.3653.1 | Cover cap GST18i3VS B SW          | Cover piece for female GST18i3, black   |
| 05.564.5353.0 | Cover cap GST18i3/4/5 SW          | Cover piece 12 pole black for female parts GST18i3-6  |
| 05.564.5353.2 | Cover cap GST18i3/4/5 WS          | Cover piece 12 pole white for female parts GST18i3-6  |
| 05.587.3156.0 | Locking slide (G)ST18 WS          | Locking device for cable to cable connection GST18i3-5, white   |
| 05.587.3156.1 | Locking slide (G)ST18 SW          | Locking device for cable to cable connection GST18i3-5, black   |
| 05.594.4250.0 | Cover cap ST18/3B + GST18i3 ST WS |   |
| 05.594.4253.0 | Cover cap ST18/3B + GST18i3 ST WS |   |
| 06.561.7853.0 | Mounting frame                    | Mounting frame to snap in GST18i3 connectors into a housing or furniture. Wall thickness: 1,5-2,5 mm. Holds GST18i3 connectors with screw or spring connection and pre- assembled cables. |

Drawings

**Technical Drawing:** Shows a terminal block with dimensions: 33.5 (width), 44.6 (height), 56.6 (total height), 37.5 (height of main body), 19.5 (width of top section), 6.5 (height of top section), and 13 (width of bottom section). It includes a side view, a top view, and a detail of the terminal connection.

**Parts List Table:**

| Teile - Nr. | part no.      | Farbe                   |
|-------------|---------------|-------------------------|
|             | 92.933.0053.0 | weiß / white            |
|             | 92.933.0053.1 | schwarz / black         |
|             | 92.933.0053.5 | tomatenrot / tomato red |

**Additional Information:**

Weitere Daten siehe Katalog  
further data see catalog

Typ / type: GST1813F B2 ZR1 WS/SW/TR

**Notes:**

- 1. Die Abstände sind in mm angegeben.
- 2. Die Abstände sind in mm angegeben.
- 3. Die Abstände sind in mm angegeben.
- 4. Die Abstände sind in mm angegeben.
- 5. Die Abstände sind in mm angegeben.
- 6. Die Abstände sind in mm angegeben.

**Technical Specifications:**

Material: Brass  
 Contact: Silver  
 Contact Material: Silver  
 Contact Shape: Flat  
 Contact Width: 1.5 mm  
 Contact Height: 1.5 mm  
 Contact Spacing: 2.5 mm  
 Contact Pitch: 5.0 mm  
 Contact Length: 10.0 mm  
 Contact Thickness: 0.5 mm  
 Contact Material: Silver  
 Contact Shape: Flat  
 Contact Width: 1.5 mm  
 Contact Height: 1.5 mm  
 Contact Spacing: 2.5 mm  
 Contact Pitch: 5.0 mm  
 Contact Length: 10.0 mm  
 Contact Thickness: 0.5 mm

**Wieland Logo:** BUCHSENLEISTUNG MIT ZUGENTLASTUNG