

## Data sheet

Commercial Art.No.: 92.953.4053.0

Connector GST18i5S B1 ZR1 WS

GST18i5 connector, 5 pole, female with screw connection, coding mains 250 V/ 400 V, 20 A, coding color white, strain relief color white



|                    |               |
|--------------------|---------------|
| Commercial Art.No. | 92.953.4053.0 |
| EAN                | 4015573847002 |
| Order Unit         | 1             |

Certificates / Approvals



## Technical data

### General

|  |                                  |
|--|----------------------------------|
| Rated current                            | 20 A                             |
| Rated voltage                            | 250 V / 400 V                    |
| Rated impulse voltage                    | 4 kV                             |
| strain relief                            | yes                              |
| Pollution degree                         | 2                                |
| Mechanical coding                        | Code 1                           |
| Lockable                                 | self-locking (unlocking by tool) |
| Color of coding/ contact carrier         | white                            |
| Marking of poles                         | 3, N, PE, 2, 1                   |
| Color of housing inclusive strain relief | white                            |

### Connection Data

|   |                      |
|---|----------------------|
| Cable diameter max.   | 13.5 mm              |
| Cable diameter min.   | 7 mm                 |
| Connection cross section solid mm <sup>2</sup> max.         | 2.5 mm <sup>2</sup>  |
| Connection cross section solid mm <sup>2</sup> min.         | 0.75 mm <sup>2</sup> |
| Connection cross section fine stranded mm <sup>2</sup> max. | 2.5 mm <sup>2</sup>  |
| Connection cross section fine stranded mm <sup>2</sup> min. | 0.75 mm <sup>2</sup> |
| Terminations per pole                                       | 1                    |
| sheath strip length   | 37 mm                |
| Wire strip length   | 7 mm                 |

### Model

|                           |                  |
|---------------------------|------------------|
| Model                     | female           |
| Connection type           | screw connection |
| Degree of protection (IP) | IP20             |

**Material**

|  |               |
|--|---------------|
| Housing material                             | Polyamide     |
| halogen free                                 | yes           |
| Contact material                             | CuZn          |
| Fire load                                    | 0.157 kWh     |
| Insulation components continuous temperature | 100 °C        |
| Surface finish                               | Silver-plated |

**Dimensions**

|        |          |
|--------|----------|
| Length | 76.4 mm  |
| Width  | 47.75 mm |
| Height | 15 mm    |

**Classification**

|            |          |
|------------|----------|
| ECLASS 11  |          |
| ECLASS 8.1 | 27440605 |
| ETIM 7.0   | EC002560 |
| ETIM 6.0   | EC002560 |
| ETIM 5.0   | EC002560 |
| ETIM 4.0   | EC002560 |

**Product compliance**

|                              |                    |
|------------------------------|--------------------|
| ROHS conformity status       | Compliant/Exempted |
| ROHS exceptions              | III-6(c)           |
| REACH-SVHC conformity status | Duty-To-Declare    |
| REACH-SVHC substances        | Lead               |
| REACH-SVHC CAS numbers       | 7439-92-1          |

**Accessories**

| Commercial Art.No.: | Article-type description:                  | Description:   |
|---------------------|--|--|
| 05.587.3156.0       | Lock (G)ST18 WS                            | Locking device for cable to cable connection GST18i3-5, white  |
| 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   |
| 05.566.9253.0       | cover cap GST18i5 BUCHSEN                  | Cover for female connectors GST18i5, black   |
| 05.587.3156.1       | Lock (G)ST18 SW                            | Locking device for cable to cable connection GST18i3-5, black  |
| 93.053.6009.0       | Small distribution board WIV GST18i3 20kVA | <p>gesis® WIV: pre-wired for plug-in to an RST50 or 32 A CEKON three-phase power supply for a maximum connection power of 20kVA. The outputs are carried out via the GST18 plug-in system. Each circuit is individually secured, the 16 A outputs are FI- protected. Several connections can be switched on or off via a common main switch. The distribution system consists of switchable and non- switchable outputs. If necessary, the non-switchable outputs can be used for example. Emergency lighting or cooling systems are operated. They are also suitable for extending existing installations and are easy to commission. Adapter line 32 A CEKON on RST50 is included.</p> |

|               |   |  |
|---------------|---|--|
| 93.053.6010.0 | Small distribution board WIV GST18 20 kVA Typ 2 | <p>gegis® WIV: pre-wired for plug-in to an RST50 or 32 A CEKON three-phase power supply for a maximum connection power of 20kVA. The outputs are carried out via the GST18 plug-in system. Each circuit is individually secured, the 16 A outputs are FI- protected. Several connections can be switched on or off via a common main switch. The distribution system consists of switchable and non- switchable outputs. If necessary, the non-switchable outputs can be used for example. Emergency lighting or cooling systems are operated. They are also suitable for extending existing installations and are easy to commission. Adapter line 32 A CEKON on RST50 is included in the scope of delivery.</p>  |
| 93.053.7006.0 | Small distribution board WIV GST18I.. 40kVA     | <p>gegis® WIV: pre-wired for plug-in 32 A CEKON three-phase power supply for a maximum connection power of 40kVA. The outputs are carried out via the GST18 plug-in system. Each circuit is individually secured, the 16 A outputs are FI-protected. Several connections can be switched on or off via a common main switch. The distribution system consists of switchable and non-switchable outputs. If necessary, the non-switchable outputs can be used for example. Emergency lighting or cooling systems are operated. They are also suitable for extending existing installations and are easy to commission. A further gegis® Wieland system distributor 20kVA can be supplied via the secured, plug-in transmission via RST 50. Adapter line 32 A CEKON on RST50 is included in the scope of delivery.</p>     |
| 93.053.7007.0 | Small distribution board WIV GST18 40 kVA Typ 2 | <p>gegis® WIV: pre-wired for the plug-in 63 A CEKON three-phase power supply for a maximum connection power of 40kVA. The outputs are carried out via the GST18 plug-in system. Each circuit is individually secured, the 16 A outputs are FI-protected. Several connections can be switched on or off via a common main switch. The distribution system consists of switchable and non-switchable outputs. If necessary, the non-switchable outputs can be used for example. Emergency lighting or cooling systems are operated. They are also suitable for extending existing installations and are easy to commission. A further gegis® Wieland system distributor 20kVA can be supplied via the secured, plug-in transmission via RST 50. Adapter line 32 A CEKON on RST50 is included in the scope of delivery.</p> |

## Fits with

| Commercial Art.No.: | Article-type description:            | Description:   |
|---------------------|--------------------------------------|--|
| 92.954.4053.0       | Connector GST18I5S S1 ZR1 WS         | GST18i5 connector, 5 pole, male with screw connection, coding mains 250 V/ 400 V, 20 A, coding color white, strain relief color white  |
| 92.054.0058.0       | Device connector GST18I5L S1H WS     | GST18i5 PCB mount with additional mounting option, 5 pole, male (horizontal), coding mains 250 V/ 400 V, 20 A, coding color white  |
| 92.257.1000.2       | Cable assembly GST18I5KSBS 15 10WS   | GST18i5 connection cable female - male, length 1.0 m, 5 pole, coding mains 250 V/ 400 V, 16 A, coding color white, strain relief color white, cable color white, cross section 1.5 mm <sup>2</sup> , cable type H05VV-F, fire class: Eca       |
| 92.257.1004.2       | Cable assembly GST18I5KS-S 15 10WS   | GST18i5 extension cable male - free end, length 1.0 m, 5 pole, coding mains 250 V/ 400 V, 16 A, coding color white, strain relief color white, cable color white, cross section 1.5 mm <sup>2</sup> , cable type H05VV-F, fire class: Eca      |
| 92.054.0458.0       | Device connector GST18I5L S1H PB02   | GST18i5 PCB mount with additional mounting option, 5 pole, male (horizontal), coding mains 250 V + not SELV, 20 A, coding color pastel blue  |
| 92.257.1003.0       | Cable assembly GST18I5KSB- 15 10TR01 | GST18i5 extension cable female - free end, length 1.0 m, 5 pole, coding UPS 250 V/ 400 V, 16 A, coding color tomato red, strain relief color black, cable color black, cross section 1.5 mm <sup>2</sup> , cable type H05VV-F, fire class: Eca |