

## Data sheet

Art.No.: 41.021.3043.1

Connector RST08i3/2S B1 ZR1 H SW

RST08i3/2 connector, 2 pole, female, screw connection, application 250V/400V, 8A, for cable diameters 4-7mm, coding color black, color of housing black



|            |               |
|------------|---------------|
| Art.No.    | 41.021.3043.1 |
| EAN        | 4049088481789 |
| Order Unit | 1             |

Certificates / Approvals



## Technical data

### General

|                                          |                                  |
|------------------------------------------|----------------------------------|
| Rated current                            | 8 A                              |
| Rated voltage                            | 250 V / 400 V                    |
| Rated impulse voltage                    | 2.5 kV                           |
| strain relief                            | Yes                              |
| Pollution degree                         | 3                                |
| Lockable                                 | self-locking (unlocking by hand) |
| Color of coding/ contact carrier         | black                            |
| Marking of poles                         | 1, 2/N                           |
| Color of housing inclusive strain relief | black                            |

### Connection Data

|                                                             |                      |
|-------------------------------------------------------------|----------------------|
| Cable diameter max.                                         | 7 mm                 |
| Cable diameter min.                                         | 4 mm                 |
| Connection cross section solid mm <sup>2</sup> max.         | 1 mm <sup>2</sup>    |
| Connection cross section solid mm <sup>2</sup> min.         | 0.2 mm <sup>2</sup>  |
| Connection cross section fine stranded mm <sup>2</sup> max. | 1 mm <sup>2</sup>    |
| Connection cross section fine stranded mm <sup>2</sup> min. | 0.22 mm <sup>2</sup> |
| Terminations per pole                                       | 1                    |
| sheath strip length                                         | 18 mm                |
| Wire strip length                                           | 6 mm                 |

### Model

|                           |                       |
|---------------------------|-----------------------|
| Model                     | female                |
| Connection type           | Screw connection      |
| Degree of protection (IP) | IP66/68 (3m;2h) /IP69 |

### Material

|                  |           |
|------------------|-----------|
| Housing material | Polyamide |
|------------------|-----------|

|                                              |               |
|----------------------------------------------|---------------|
| halogen free                                 | Yes           |
| Contact material                             | CuZn          |
| Fire load                                    | 0 kWh         |
| Insulation components continuous temperature | 100 °C        |
| Surface finish                               | Silver-plated |
| UL classification housing                    | UL-V0         |
| UL classification strain relief              | UL-V0         |

#### Dimensions

|        |         |
|--------|---------|
| Length | 42.5 mm |
| Width  | 14.9 mm |
| Height | 14.9 mm |

#### Classification

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

| Teile-Nr.<br><i>l part-no.</i> | Type                    | Kodierung<br><i>l coding</i>                                                             |
|--------------------------------|-------------------------|------------------------------------------------------------------------------------------|
| 41.031.3053.1                  | RST08i3 S B1 ZR1 H SW   | C1    |
| 4L.031.3053.1                  | RST08i3 S 11 ZR1 H SW   |                                                                                          |
| 41.031.3043.9                  | RST08i3 S B1 ZR1SH BL   | C2    |
| 4L.031.3043.9                  | RST08i3 S 11 ZR1SH BL   |                                                                                          |
| 41.031.3041.4                  | RST08i3 S B1 ZR1SHL SG  | C3    |
| 4L.031.3041.4                  | RST08i3 S 11 ZR1SHL SG  |                                                                                          |
| 41.031.3051.8                  | RST08i3 S B1 ZR1SHL KG  | C4    |
| 4L.031.3051.8                  | RST08i3 S 11 ZR1SHL KG  |                                                                                          |
| 41.021.3043.1                  | RST08i3/2S B1 ZR1 H SW  | C1    |
| 4L.021.3043.1                  | RST08i3/2S 11 ZR1 H SW  |                                                                                          |
| 41.021.3043.9                  | RST08i3/2S B1 ZR1SH BL  | C2    |
| 4L.021.3043.9                  | RST08i3/2S 11 ZR1SH BL  |                                                                                          |
| 41.021.3041.4                  | RST08i3/2S B1 ZR1SHL SG | C3   |
| 4L.021.3041.4                  | RST08i3/2S 11 ZR1SHL SG |                                                                                          |
| 41.021.3041.8                  | RST08i3/2S B1 ZR1SHL KG | C4  |
| 4L.021.3041.8                  | RST08i3/2S 11 ZR1SHL KG |                                                                                          |

●=Pol nicht bestückt  
*1 pole not mounted*

|                                                                                      |                                                                                                                                                      |
|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Weitere Daten siehe KATALOG oder eKatalog<br>additional data see CATALOG or eCATALOG | <a href="http://www.wieland-electric.com">www.wieland-electric.com</a><br><a href="http://eshop.wieland-electric.com">eshop.wieland-electric.com</a> |
|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                           |                               |   |                                                                                                                                                                                |                      |                                                                                                                                                                                                                                           |                             |                                                                                  |                               |                                                      |                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|----------------------------------------------------------------------------------|-------------------------------|------------------------------------------------------|----------------|
| Tolerierung Size ISO 14405 © / Tolerance system Size ISO 14405 ©.<br>(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 <input checked="" type="checkbox"/> Stoffverbots- und Deklarationsliste nach WN 5020.010 ist eingehalten.<br>Conformity with Wieland document WN 5020.010 e (list of prohibited / declarable hazardous substances) to be declared! |                             |                                                                                  |                               |                                                      |                |
| Freitoleranz nach<br>General tolerance                                                                                                                                                                                                    |                               |   | CAD - Zeichnung, keine manuellen Änderungen<br>CAD - drawing, no manual modifications allowed                                                                                  |                      |                                                                                                                                                                                                                                           | 1 Verwendung:<br>First Use: |                                                                                  | Blatt: 1 von 1<br>Sheet: of 1 |                                                      |                |
|                                                                                                                                                                                                                                           |                               | / | <br>Maßstab / Scale<br>1:1                                                                | Werkstoff / Material |                                                                                                                                                                                                                                           |                             | Tag/Date                                                                         | Name                          | Zeichnung Nr. / Drawing No.<br><br>41.031.3053.1 13K | Index<br><br>a |
|                                                                                                                                                                                                                                           |                               | / |                                                                                                                                                                                |                      |                                                                                                                                                                                                                                           | gezeichnet<br>drawn         | 22.02.2018                                                                       | Hollet                        |                                                      |                |
|                                                                                                                                                                                                                                           |                               | / |                                                                                                                                                                                |                      |                                                                                                                                                                                                                                           | geprüft<br>checked          |                                                                                  |                               |                                                      |                |
|                                                                                                                                                                                                                                           |                               | / |                                                                                                                                                                                |                      |                                                                                                                                                                                                                                           | Normgepr.<br>Stand. check   |                                                                                  |                               |                                                      |                |
| Maße in mm / Dimensions are in mm                                                                                                                                                                                                         |                               |   |                                                                                                                                                                                |                      |                                                                                                                                                                                                                                           |                             |                                                                                  |                               |                                                      |                |
|                                                                                                                                                                                                                                           |                               | / | Vol.                                                                                                                                                                           | mm³                  | Dfl./Srf.                                                                                                                                                                                                                                 | mm²                         | Ersatz für / Replacement for:                                                    |                               |                                                      |                |
|                                                                                                                                                                                                                                           |                               | / |  <b>wieland</b><br><a href="http://www.wieland-electric.com">www.wieland-electric.com</a> |                      |                                                                                                                                                                                                                                           | Type                        | Benennung/Title<br><br><b>BUCHSENTEIL_FA_ZE</b><br><br>female with strain relief |                               |                                                      |                |
| a                                                                                                                                                                                                                                         | 12.03.2020 /                  |   |                                                                                                                                                                                |                      |                                                                                                                                                                                                                                           |                             |                                                                                  |                               |                                                      |                |
| Index                                                                                                                                                                                                                                     | Datum / Blatt<br>Date / Sheet |   |                                                                                                                                                                                |                      |                                                                                                                                                                                                                                           |                             |                                                                                  |                               |                                                      |                |
| Änderung / Revision                                                                                                                                                                                                                       |                               |   |                                                                                                                                                                                |                      |                                                                                                                                                                                                                                           |                             |                                                                                  |                               |                                                      |                |