

Datasheet

Art.No. 70.310.0640.0

Male insert BAS STS 6 2,5 50

revos BASIC 500V 6 pole + ground, male insert 500V/16A with wire protection,
Sn screw connection



| | |
|------------|---------------|
| Art.No. | 70.310.0640.0 |
| EAN | 4015573219854 |
| Order unit | 10 pieces |

Approvals



Technical data

General

| | |
|--|------------|
| Model | Pin insert |
| Inflammability class of insulation material acc. with UL94 | V0 |
| Colour | Grey |
| Mating cycles | 200 |
| Pollution degree | 3 |
| Modular version | No |
| Operating temperature range min. | -40 °C |
| Operating temperature range max. | 120 °C |

Connection Data

| | |
|--|------------------|
| Connection type | Screw connection |
| Number of poles | 6 |
| Plus switching contacts | 0 |
| Number of pole for rated current 2 | 0 |
| Number of pole for rated current 3 | 0 |
| Total number of poles (without ground contact) | 6 |
| With wire protection | Yes |
| Min. conductor diameter rigid (solid/stranded) | 0.5 |
| Max. conductor diameter rigid (solid/stranded) | 2.5 |
| Protective contact | Yes |

Technical Data UL/CSA

| | |
|--|-----------|
| Rated voltage according to UL/CSA | 600 |
| Rated current according UL | 16 |
| Rated current according CSA | 16 |
| Min. conductor cross section flexible wire | 0.5 |
| Max. conductor cross section flexible wire | 2.5 |
| Conductor cross section flexible AWG wire | 22-14 AWG |

Model

| | |
|--------------|----|
| With housing | No |
|--------------|----|

Contacts

| | |
|--------------------|--------------|
| Contact material | Copper alloy |
| Surface | Tin-plated |
| Contact resistance | 1.5 mOhm |
| Wire strip length | 7 mm |

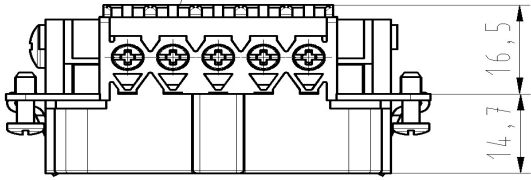
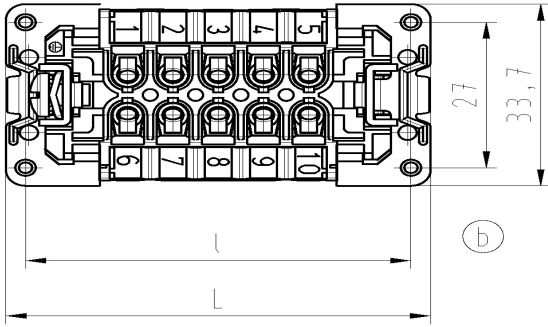
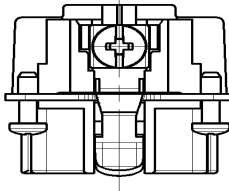

Screws head design/recomm. Torque

| | |
|-------------------------|---------------|
| Mounting screws | H1/0.5-0.7 Nm |
| Clamping screws | H1/0.5-0.7 Nm |
| Ground conductor screws | H2/1.2-1.6 Nm |

Technical Data DIN EN 61984

| | |
|---------------------------|------|
| Nominal voltage | 500 |
| Rated voltage face/ground | 500 |
| Nominal current | 16 |
| Rated impulse voltage | 6 kV |

Drawings

| | 2 | 3 | A | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|----------------------------------|-------------|-----------------|---|---|---------------|------------------|---|------|----|---------------|-------------------|----|------|----|---------------|-------------------|----|------|------|---------------|-------------------|----|-------|-----|---|
| gezeichnet/drawn: 10-pol. | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Farbe: kieselgrau colour: pebble grey | | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p style="font-size: small;">These dimensions will be especially checked at delivery Only inspection dimensions</p> <p style="font-size: x-small;">Mit / E-marked dimensions are only valid for internal use</p> |  | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | |  | 4 | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p style="font-size: small;">Diese Maße werden bei Abnahme besonders geprüft Ausschließlich Prüfmaße</p> <p style="font-size: x-small;">Mit / E gekennzeichnete Maße sind nur für interne Zwecke gültig</p> | <p>a</p> <p>Weitere Daten siehe Katalog further data see catalog</p> | | 5 | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Teile-Nr. part no.</th> <th>Typ type</th> <th>Polzahl pole</th> <th>L</th> <th>l</th> </tr> </thead> <tbody> <tr> <td>70.310.0640.0</td> <td>BAS STS 6 2,5 50</td> <td>6</td> <td>49,8</td> <td>44</td> </tr> <tr> <td>70.310.1040.0</td> <td>BAS STS 10 2,5 50</td> <td>10</td> <td>62,8</td> <td>57</td> </tr> <tr> <td>70.310.1640.0</td> <td>BAS STS 16 2,5 50</td> <td>16</td> <td>83,3</td> <td>77,5</td> </tr> <tr> <td>70.310.2440.0</td> <td>BAS STS 24 2,5 50</td> <td>24</td> <td>109,8</td> <td>104</td> </tr> </tbody> </table> | | | Teile-Nr. part no. | Typ type | Polzahl pole | L | l | 70.310.0640.0 | BAS STS 6 2,5 50 | 6 | 49,8 | 44 | 70.310.1040.0 | BAS STS 10 2,5 50 | 10 | 62,8 | 57 | 70.310.1640.0 | BAS STS 16 2,5 50 | 16 | 83,3 | 77,5 | 70.310.2440.0 | BAS STS 24 2,5 50 | 24 | 109,8 | 104 | 6 |
| Teile-Nr. part no. | Typ type | Polzahl pole | L | l | | | | | | | | | | | | | | | | | | | | | | | | |
| 70.310.0640.0 | BAS STS 6 2,5 50 | 6 | 49,8 | 44 | | | | | | | | | | | | | | | | | | | | | | | | |
| 70.310.1040.0 | BAS STS 10 2,5 50 | 10 | 62,8 | 57 | | | | | | | | | | | | | | | | | | | | | | | | |
| 70.310.1640.0 | BAS STS 16 2,5 50 | 16 | 83,3 | 77,5 | | | | | | | | | | | | | | | | | | | | | | | | |
| 70.310.2440.0 | BAS STS 24 2,5 50 | 24 | 109,8 | 104 | | | | | | | | | | | | | | | | | | | | | | | | |
| 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). | | | 7 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ja/yes <input checked="" type="checkbox"/> Stoffverbots- und Deklarationsliste nach UU-TOM-05/03 ist einzuhalten. Conformity with Wieland document UU-TOM-05/03 (list of prohibited / declarable hazardous substances) to be declared! | | 1.Verwendung: - First Use: - Blatt: 1 von 1 Sheet: of 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Freitoleranz nach - General tolerance | | | 8 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAD - Zeichnung, keine manuellen Änderungen CAD - drawing, no manual modifications allowed | | | 9 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Werkstoff/Material 2003 Tag/Date Name gezeichnet/drawn 09.07. Bauer F. geprüft/checked - - Normgepr. /Stand. check - - | | | 10 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Zeichnung Nr./Drawing No. Index T 70.310.0640.0 01K b | | | 11 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maße in mm/Dimensions are in mm | | | 12 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ersatz für/Replacement for: - Type Benennung/Title | | | 13 | | | | | | | | | | | | | | | | | | | | | | | | | |
|  <p style="font-size: large; font-weight: bold;">STECKEREINSATZ</p> | | | 14 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2,5qmm 500V 16A Schraubanschluß und Drahtschutz male insert screw connection and wire protection | | | 15 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Änderung/Revision | | | 16 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2 | 3 | 17 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 18 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 19 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 20 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | M1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | M2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | M3 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | L | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | 12.1 | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | QU-PEM-08/91a | | | | | | | | | | | | | | | | | | | | | | | | | |