307-PCF
Multi-point screw connector with grooved flat terminals

**GENERAL INFORMATION**

- Pitch: 11 mm
- No. of poles: 2 - 21
- Usable with: Cover 3070-B; securing pins BEF-3070

**TECHNICAL DATA**

- **Clamping Range**
  - solid / stranded / AWG
  - 0.5 - 4 mm² / 0.5 - 4 mm² / 20 - 14 AWG [1] [2] [3]
- **Rated Cross Section**
  - 4 mm²
- **Wire Stripping Length**
  - 12.5 mm ± 0.5 mm
- **Overvoltage Category**
  - III, III, III
- **Pollution Severity Level**
  - 3, 2, 2
- **Rated Voltage**
  - 400 V, 630 V, 630 V
- **Rated Impulse Voltage**
  - 6 kV, 6 kV, 6 kV
- **Rated Insulation Voltage**
  - 750 V acc. to EN 60990-1
- **Rated Current**
  - 32 A
- **Tightening Torque**
  - 1.2 Nm
- **Other specifications**
  - Screw terminals are generally suitable for wires with identical wire type / cross-section.

**APPROVALS**

<table>
<thead>
<tr>
<th>Current [A]</th>
<th>Voltage [V]</th>
<th>Group</th>
<th>AWG</th>
<th>[Nm]</th>
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<tbody>
<tr>
<td>20</td>
<td>300</td>
<td>B</td>
<td>max. 14</td>
<td>1.2</td>
</tr>
<tr>
<td>20</td>
<td>150</td>
<td>C</td>
<td>max. 14</td>
<td>1.2</td>
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<tr>
<td>20</td>
<td>300</td>
<td>B</td>
<td>18 - 14</td>
<td>1.2</td>
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<tr>
<td>20</td>
<td>150</td>
<td>C</td>
<td>18 - 14</td>
<td>1.2</td>
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</tbody>
</table>

**MATERIAL**

- Moulding: PC, black, V-0
- Comparative Tracking Index: CTI 250
- Insulating Group: IIIa
- Temperature Range: -40°C up to 125°C
- Screw terminal: Nickel plated brass
- Screw: M4: zinc plated steel, blue passivated
- Tubular rivet: Tin plated copper
- Washer: Zinc plated steel, blue passivated

**OPTIONS / ACCESSORIES**

- Consecutive numbering
- Special marking according to drawing
- Marking strips BST-307
- Jumper 307-VS and 307-V
- Cover 3070-B
- Securing pin BEF-3070
- Moulding made of polyamid

[1] with cable lug 6 mm²
[2] Females are required when using flexible or fine-wire conductors.
[3] for 4 mm² flexible wires, only one conductor per clamping unit is possible

**CONFIGURATIONS**

<table>
<thead>
<tr>
<th>Poles</th>
<th>Item</th>
<th>Article number</th>
<th>Length (L)</th>
<th>A *</th>
<th>PU</th>
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<tr>
<td>2</td>
<td>307-PCF/02</td>
<td>50.880.602</td>
<td>41.3 mm</td>
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