How to order
VG Order reference

<table>
<thead>
<tr>
<th>Series</th>
<th>Shell style</th>
<th>Dash</th>
<th>Shell size</th>
<th>Contact arrangement</th>
<th>Contact type</th>
<th>Contact termination</th>
<th>Insulator position</th>
<th>With / without contacts</th>
<th>Plating</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>J1, J2, N1, N2, S1, U1, U2 – wall mounting receptacle</td>
<td></td>
<td>10SL, 14S, 16S, 16, 20, 22, 24, 28, 32 and 36</td>
<td>See pages 13 to 26</td>
<td>P – Pin contact</td>
<td>Without identification = metric crimp contacts</td>
<td>Positions N, X, Y allowed only, see details on ‘contact arrangement’ pages 13-23</td>
<td>Without identification = with crimp contacts</td>
<td>Without identification = cadmium</td>
</tr>
<tr>
<td></td>
<td>F, V – cable connection receptacle</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Identification ‘1’ = AWG crimp contacts</td>
<td></td>
<td>Identification ‘1’ = without crimp contacts, to be ordered separately</td>
<td>Identification ‘H’ = RoHS, black, ZnCo plating, VG approved</td>
</tr>
<tr>
<td></td>
<td>A, B1, B2 – box mounting receptacle</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Identification ‘2’ = mixed AWG and metric crimp contacts</td>
<td></td>
<td></td>
<td>* ‘H’ is the VG plating modification identical to commercial plating A239</td>
</tr>
<tr>
<td></td>
<td>C1, C2 – bulkhead receptacle</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td></td>
<td>D, G, H, L, M, R1, T – straight plug</td>
<td></td>
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<tr>
<td></td>
<td>E, E1, K – plug 90°</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

Important!
VG contact arrangements are restricted. Only those layouts listed in VG95234 standard are allowed. See the following pages for VG permitted layouts and contact arrangements.
Further details about contact terminations / wire ranges can be found on pages 54-59.

Accessories acc. to VG

<table>
<thead>
<tr>
<th>Dummy receptacles</th>
<th>VG95234 BOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gaskets, front mount</td>
<td>VG95234 DA</td>
</tr>
<tr>
<td>Gaskets, rear mount</td>
<td>VG95234 DH</td>
</tr>
<tr>
<td>Protecting caps</td>
<td>VG95234 KR</td>
</tr>
<tr>
<td>Protecting caps</td>
<td>VG95234 KB</td>
</tr>
<tr>
<td>Cable clamps</td>
<td>VG95234 KK</td>
</tr>
<tr>
<td>Bushing</td>
<td>VG95234 KT</td>
</tr>
</tbody>
</table>
How to order

Cannon Order reference

<table>
<thead>
<tr>
<th>Series</th>
<th>Shell style</th>
<th>Class</th>
<th>Shell size</th>
<th>Contact arrangement</th>
<th>Contact type</th>
<th>Insulator position</th>
<th>Connectors with bayonet coupling</th>
<th>Dash</th>
<th>Modification</th>
</tr>
</thead>
<tbody>
<tr>
<td>CA</td>
<td>3106E</td>
<td>E</td>
<td>18S</td>
<td>S</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Explanation

Series
CA – Circular connectors with bayonet coupling

Shell style
3100 – Wall mounting receptacle
3101 – Cable connecting receptacle
3102 – Box mounting receptacle
3105 – Dummy receptacle for front and panel mounting
3106 – Plug, straight
3108 – Plug, 90°
TBF – Bulkhead receptacle

Class
E – environmental with resilient insulators and endbell with clamp and bushing
F – environmental with resilient insulator and endbell for flex tube
R – environmental with resilient insulator and shortened light-weight endbell without cable clamp

Shell size
10SL, 12S, 14S, 16S, 16, 18, 20, 22, 24, 28, 32 and 36

Contact arrangement
See pages 13 to 26

Contact type
P – Pin
S – Socket
PS – one side pin, one side socket (only for TBF)

Insulator position
Besides the normal position further insulator positions are possible for Cannon connectors (see page 13-23) to prevent mismating. Polarization is achieved by turning the pin contact insulator clockwise towards the shell, the socket insulator, however, in opposite clockwise direction. This information refers to the mating side of the contact insulator. For special insert alternations of standard inserts see page 24.

Modification
see page 12
With Spring Washer and Friction Ring
These connectors feature a spring washer and a friction ring under the coupling nut.

**Advantage**
Improved resistance to vibration

**How to order**
Delete “31” from standard part number and then insert “W” after Class E, F or R.

Example: CA06EW10SL-3P-B-14
The connectors acc. to VG95234 are generally delivered with spring washer.

**Additional Connector Options**
- **CA3100E-B-02/03/06**
  Adapter for heat shrink boot
- **CA3100E-B-13/14/15**
  Adapter for shielded cables
- **CA02L-B**
  Receptacle with PCB solder contacts
- **CA20L-B**
  Rear mount receptacle with PCB solder contacts
- **CA06EH**
  H stands for High temperature FKM insulator and sealing material
- **CA07A-B**
  Jam nut receptacle
- **CA00EP-B-TL**
  TINEL-LOCK adapter
- **CA06EW-B-TLXX**
  TINEL-LOCK adapter
- **CA06PG/ME**
  PG or Metric gland adapter
*Consult factory for availability

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