For electrovalves, style A, 2p+2G, female, with cable, con cavo

EN175301-803 style A square connector, (former DIN 43650-A), ISO 4400,
built-in gasket;
wide cable choice; single head or extension cable;
application with electrovalves, etc.
CA series is symmetric and can be rotated 180°,
to change the cable exit direction.

connectore quadrato EN175301-803 stile A, (ex DIN 43650-A), ISO 4400,
guarnizione integrata;
vieta scelta di cavi; singola testa o prolunga;
applicazione con elettrovalvole, ecc.
La serie CA è simmetrica e può essere ruotata di 180°,
per cambiare la direzione di uscita del cavo.

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**TFR (thermoset plastic) housing**

- protection degree IEC 60529 (a3): IP65
- head temperature: -40..125°C (max 70°C with electronic components)
- housing of resistance: occasional contact
- housing hardness: 73 shore A
- PPR (polipropilene) housing

**IP67 protection degree IEC 60529 (a3): IP67 or IP65, see cable characteristics in table B, column IP:**

- head temperature: -40..80°C (max 70°C with electronic components)
- housing of resistance: very good
- housing hardness: 90 shore A
- Other characteristics:
  - M3 central screw material: zinc plated iron (for stainless steel, see table E)

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<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>key chave (a1)</th>
<th>circuit schema schema circuito (a2)</th>
<th>description descrizione</th>
<th>voltage tensione / tensione</th>
<th>max current / corrente max A @50°C</th>
<th>clamping voltage / tensione interruttore / V</th>
<th>housing material / materiale rivestimento</th>
<th>contact type / tipo contatto</th>
</tr>
</thead>
<tbody>
<tr>
<td>CA11 02X00</td>
<td>S01</td>
<td>3000</td>
<td>0</td>
<td>1 2 3 4 5 6</td>
<td>without electronic senza elettronica</td>
<td>1.250 1.250 10 --</td>
<td>TPR</td>
<td>black</td>
<td>anti-vibration antivibrazione</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CA12 02A00</td>
<td>S01</td>
<td>3000</td>
<td>0</td>
<td>1 2 3 4 5 6</td>
<td>varistor variatore</td>
<td>1.250 1.250 10 10</td>
<td>TPR</td>
<td>black</td>
<td>PPR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CA14 02A00</td>
<td>S01</td>
<td>3000</td>
<td>0</td>
<td>1 2 3 4 5 6</td>
<td>diode diodo</td>
<td>1.250 --</td>
<td>TPR</td>
<td>black</td>
<td>PPR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CA11 16H03</td>
<td>S01</td>
<td>3000</td>
<td>0</td>
<td>1 2 3 4 5 6</td>
<td>rectifier radiocircuito</td>
<td>-- 1.250 1.4 320.640</td>
<td>TPR</td>
<td>black</td>
<td>forcella</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CA11 19AR</td>
<td>S01</td>
<td>3000</td>
<td>0</td>
<td>1 2 3 4 5 6</td>
<td>red Led Led rosso (a7)</td>
<td>10.50 10.50 10 --</td>
<td>TPR</td>
<td>transparent</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CA12 23AR</td>
<td>S01</td>
<td>3000</td>
<td>0</td>
<td>1 2 3 4 5 6</td>
<td>red Led = variator Led rosso + variatore (a7)</td>
<td>1.38 1.30 1.30 10</td>
<td>TPR</td>
<td>black</td>
<td>transparent</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CA13 24AR</td>
<td>S01</td>
<td>3000</td>
<td>0</td>
<td>1 2 3 4 5 6</td>
<td>red Led + diode Led rosso + diodo (a7)</td>
<td>10.50 --</td>
<td>TPR</td>
<td>black</td>
<td>transparent</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CA11 33BR</td>
<td>S01</td>
<td>3000</td>
<td>1</td>
<td>1 2 3 4 5 6</td>
<td>red Led + diode Led rosso = variator + led (a7)</td>
<td>10.50 --</td>
<td>TPR</td>
<td>black</td>
<td>transparent</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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(a1) yellow codes are preferred; more of it can be available on page 46-2; columns A, C, D show standard versions, see the following tables for more data and available options.

(a2) abbreviations: br = brown, gn = green, ye = yellow, bu = blue; abbreviazioni: br = marrone, gn = verde, ye = giallo, bu = blu.

(a3) the IP65 protection degree is valid only if the connector is mounted with the cable exit not upward.

(a7) the last character on the right in column A specify the LED colour: B = blue, R = red, Y = yellow, W = green;

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**CA**

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CA45-2
### B cable code (codice cavo)

<table>
<thead>
<tr>
<th>B</th>
<th>cable code</th>
<th>cable code (codice cavo)</th>
</tr>
</thead>
<tbody>
<tr>
<td>429</td>
<td>7.0</td>
<td>0.09</td>
</tr>
<tr>
<td>431</td>
<td>7.0</td>
<td>0.09</td>
</tr>
<tr>
<td>412</td>
<td>7.0</td>
<td>0.09</td>
</tr>
</tbody>
</table>

**Note:**
- Many other cables are available such as: pvc 90°C, irradiated pur, teflon, Shielded cables, etc. (see cable catalogue).
- The max current varies depending on the version, e.g. 5 A = brown, blue; ground = yellow/green.
- With a maximum length, the cable rating is reduced for safety reasons; see cable catalogue.

### C length code (codice lunghezza cavo)

<table>
<thead>
<tr>
<th>C</th>
<th>length code (codice lunghezza cavo)</th>
</tr>
</thead>
<tbody>
<tr>
<td>429</td>
<td>0.09</td>
</tr>
<tr>
<td>430</td>
<td>0.09</td>
</tr>
<tr>
<td>411</td>
<td>0.09</td>
</tr>
</tbody>
</table>

**Note:**
- Any cable length is possible for orders over 100 pieces, for extension cables lengths of 0.3 and 0.6 m are available as well.
- Possible lengths are: 0.3, 0.6, 1.0, 1.5, 2.0, 3.0, 5.0, 10.0, 15.0, 20.0 m.

### D key code (codice chave) / ground position (posizione terra)

<table>
<thead>
<tr>
<th>D</th>
<th>key code (codice chave)</th>
<th>ground position (posizione terra)</th>
</tr>
</thead>
<tbody>
<tr>
<td>429</td>
<td>0.09</td>
<td>2 x 0.50</td>
</tr>
<tr>
<td>431</td>
<td>0.09</td>
<td>2 x 0.50</td>
</tr>
<tr>
<td>412</td>
<td>0.09</td>
<td>2 x 0.50</td>
</tr>
</tbody>
</table>

**Note:**
- Any cable length is possible for orders over 100 pieces, for extension cables lengths of 0.3 and 0.6 m are available as well.
- Possible lengths are: 0.3, 0.6, 1.0, 1.5, 2.0, 3.0, 5.0, 10.0, 15.0, 20.0 m.

### E variant code (codice variante) / max marking plate dimension (dimensione max targhetta)

<table>
<thead>
<tr>
<th>E</th>
<th>variant code (codice variante)</th>
<th>max marking plate dimension (dimensione max targhetta)</th>
</tr>
</thead>
<tbody>
<tr>
<td>429</td>
<td>0.09</td>
<td>2 x 0.50</td>
</tr>
<tr>
<td>431</td>
<td>0.09</td>
<td>2 x 0.50</td>
</tr>
<tr>
<td>412</td>
<td>0.09</td>
<td>2 x 0.50</td>
</tr>
</tbody>
</table>

**Note:**
- Any cable length is possible for orders over 100 pieces, for extension cables lengths of 0.3 and 0.6 m are available as well.
- Possible lengths are: 0.3, 0.6, 1.0, 1.5, 2.0, 3.0, 5.0, 10.0, 15.0, 20.0 m.

### F second side (secondo lato) (1)

**Note:**
- To verify second head characteristics, see respective product data sheets.
- For verification of the second side, refer to the respective product data sheets.
- Attention: for M12 series, when pin 5 is connected, the maximum working voltage is 60 V.
- Attention: when pin 5 is connected, the maximum working voltage is 60 V.

### Info

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