IP68 rating tested at 1.054kg/sq cm (15lb/sq in)  
10m depth for 2 weeks

IP69K, Tested in accordance with DIN 40050/Part 9 IP6k9k

32A, 600V AC/DC rating

2, 3, 4, 5, 7 and 10 Contact

Plug or socket connection in each body style

Water and dustproof to IP68 when mated

‘Scoop proof’ contacts

Field termination - screw terminations

Positive locating keyways - cannot be mis-connected

Sealing caps available to maintain IP68 rating of unmated connectors

Leading earth contact for 3, 4, 5 and 7 Contact versions

EN60068-2-52 Test Kb Salt Mist (Cyclic) Marine Severity Level 1

Trailing Neutral on 5 Contact

Compact design

Easy assembly - no special tools required

Single or 3 phase applications

Bulkhead moulding available for use with flange mounting body for 45° or 90° mounting (order each separately)

Cost effective solution

Cable accommodation 7-22mm O/D

Two cable connector versions for 15mm and 22mm (maximum) cable diameters

Separate strain relief on large cable version

UL, CSA and VDE approvals
### BUCCANEER FOR POWER
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**Flex Cable Connector**

- Mates with Inline or panel mounting versions
- Positive, fast acting locking ring - can be turned with a gloved hand
- Plug or socket versions
- PX0 Series 13-15mm cable dia. as standard, 7-13mm with additional Gland Pack PX0980
- PXA Series 20-22mm cable dia. as standard, 14-20mm with additional Gland Pack PXA980
- Strain Relief Clamp

<table>
<thead>
<tr>
<th>Standard Cable</th>
<th>Large Cable</th>
<th>Description</th>
<th>Standard Cable</th>
<th>Large Cable</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PX0911/02/P</td>
<td>PXA911/02/P</td>
<td>2 Contact Plug</td>
<td>PX0911/02/S</td>
<td>PXA911/02/S</td>
<td>2 Contact Socket</td>
</tr>
<tr>
<td>PX0911/03/P</td>
<td>PXA911/03/P</td>
<td>3 Contact Plug</td>
<td>PX0911/03/S</td>
<td>PXA911/03/S</td>
<td>3 Contact Socket</td>
</tr>
<tr>
<td>PX0911/04/P</td>
<td>PXA911/04/P</td>
<td>4 Contact Plug</td>
<td>PX0911/04/S</td>
<td>PXA911/04/S</td>
<td>4 Contact Socket</td>
</tr>
<tr>
<td>PX0911/05/P</td>
<td>PXA911/05/P</td>
<td>5 Contact Plug</td>
<td>PX0911/05/S</td>
<td>PXA911/05/S</td>
<td>5 Contact Socket</td>
</tr>
<tr>
<td>PX0911/07/P</td>
<td>PXA911/07/P</td>
<td>7 Contact Plug</td>
<td>PX0911/07/S</td>
<td>PXA911/07/S</td>
<td>7 Contact Socket</td>
</tr>
<tr>
<td>PX0911/10/P</td>
<td>PXA911/10/P</td>
<td>10 Contact Plug</td>
<td>PX0911/10/S</td>
<td>PXA911/10/S</td>
<td>10 Contact Socket</td>
</tr>
</tbody>
</table>

**Inline Cable Connector**

- Mates with either PX0911 or PXA911 connectors
- Plug or socket versions
- PX0 Series 13-15mm cable dia. as standard, 7-13mm with additional Gland Pack PX0980
- PXA Series 20-22mm cable dia. as standard, 14-20mm with additional Gland Pack PXA980
- Strain Relief Clamp

<table>
<thead>
<tr>
<th>Standard Cable</th>
<th>Large Cable</th>
<th>Description</th>
<th>Standard Cable</th>
<th>Large Cable</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PX0921/02/P</td>
<td>PXA921/02/P</td>
<td>2 Contact Plug</td>
<td>PX0921/02/S</td>
<td>PXA921/02/S</td>
<td>2 Contact Socket</td>
</tr>
<tr>
<td>PX0921/03/P</td>
<td>PXA921/03/P</td>
<td>3 Contact Plug</td>
<td>PX0921/03/S</td>
<td>PXA921/03/S</td>
<td>3 Contact Socket</td>
</tr>
<tr>
<td>PX0921/04/P</td>
<td>PXA921/04/P</td>
<td>4 Contact Plug</td>
<td>PX0921/04/S</td>
<td>PXA921/04/S</td>
<td>4 Contact Socket</td>
</tr>
<tr>
<td>PX0921/05/P</td>
<td>PXA921/05/P</td>
<td>5 Contact Plug</td>
<td>PX0921/05/S</td>
<td>PXA921/05/S</td>
<td>5 Contact Socket</td>
</tr>
<tr>
<td>PX0921/07/P</td>
<td>PXA921/07/P</td>
<td>7 Contact Plug</td>
<td>PX0921/07/S</td>
<td>PXA921/07/S</td>
<td>7 Contact Socket</td>
</tr>
<tr>
<td>PX0921/10/P</td>
<td>PXA921/10/P</td>
<td>10 Contact Plug</td>
<td>PX0921/10/S</td>
<td>PXA921/10/S</td>
<td>10 Contact Socket</td>
</tr>
</tbody>
</table>
### BUCCANEER FOR POWER
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**Front Panel Mounted Connector**

- Mates with PX0911 and PXA911 connectors
- Single hole fixing
- Anti-rotation key
- High grade sealing gasket
- 3-7mm panel thickness

![PX0931 Diagram](image)

<table>
<thead>
<tr>
<th>Panel Mounting</th>
<th>PX0931/02/P</th>
<th>PX0931/03/P</th>
<th>PX0931/04/P</th>
<th>PX0931/05/P</th>
<th>PX0931/07/P</th>
<th>PX0931/10/P</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Contact Plug</td>
<td>PX0931/02/S</td>
<td>PX0931/03/S</td>
<td>PX0931/04/S</td>
<td>PX0931/05/S</td>
<td>PX0931/07/S</td>
<td>PX0931/10/S</td>
</tr>
<tr>
<td>3 Contact Plug</td>
<td>PX0931/03/S</td>
<td>PX0931/04/S</td>
<td>PX0931/05/S</td>
<td>PX0931/07/S</td>
<td>PX0931/10/S</td>
<td></td>
</tr>
<tr>
<td>4 Contact Plug</td>
<td>PX0931/04/S</td>
<td>PX0931/05/S</td>
<td>PX0931/07/S</td>
<td>PX0931/10/S</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 Contact Plug</td>
<td>PX0931/05/S</td>
<td>PX0931/07/S</td>
<td>PX0931/10/S</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7 Contact Plug</td>
<td>PX0931/07/S</td>
<td>PX0931/10/S</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10 Contact Plug</td>
<td>PX0931/10/S</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Flange Mounted Connector**

- Mates with PX0911 and PXA911 connectors
- Supplied with high grade sealing gasket
- Supplied with sealing grommets for panel fixing screws (M6 thread recommended)

![PX0941 Diagram](image)

<table>
<thead>
<tr>
<th>Flange Mounting</th>
<th>PX0941/02/P</th>
<th>PX0941/03/P</th>
<th>PX0941/04/P</th>
<th>PX0941/05/P</th>
<th>PX0941/07/P</th>
<th>PX0941/10/P</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Contact Plug</td>
<td>PX0941/02/S</td>
<td>PX0941/03/S</td>
<td>PX0941/04/S</td>
<td>PX0941/05/S</td>
<td>PX0941/07/S</td>
<td>PX0941/10/S</td>
</tr>
<tr>
<td>3 Contact Plug</td>
<td>PX0941/03/S</td>
<td>PX0941/04/S</td>
<td>PX0941/05/S</td>
<td>PX0941/07/S</td>
<td>PX0941/10/S</td>
<td></td>
</tr>
<tr>
<td>4 Contact Plug</td>
<td>PX0941/04/S</td>
<td>PX0941/05/S</td>
<td>PX0941/07/S</td>
<td>PX0941/10/S</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 Contact Plug</td>
<td>PX0941/05/S</td>
<td>PX0941/07/S</td>
<td>PX0941/10/S</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7 Contact Plug</td>
<td>PX0941/07/S</td>
<td>PX0941/10/S</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10 Contact Plug</td>
<td>PX0941/10/S</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Accessories

Additional Bulkhead Adaptor Moulding
- For use with flange mounting connector PX0941, to give 45° or 90° angle
- Supplied with high grade sealing gasket
- Supplied with sealing grommets for panel fixing screws (M6 thread recommended)

PX0950 & PX0941

Sealing Caps
- Sealing caps to maintain IP68 rating of unmated connectors, with plastic straps
- Heavy duty sealing caps to maintain IP68 rating of unmated connectors, with stainless steel straps

PX0960, PX0970, PX0990, PX0991, PX0992

Cable Glands
- Packs of 3 additional pairs Cable Glands

PX0980, PXA980

Sealing Caps
- PX0960 - Sealing cap for use with PX0911/xx/x and PXA911/xx/x
- PX0970 - Sealing cap for use with all other styles
- PX0990 - Heavy duty sealing cap for use with PX0911/xx/x and PXA911/xx/x
- PX0991 - Heavy duty sealing cap for use with PX0921/xx/x and PXA921/xx/x
- PX0992 - Heavy duty sealing cap for use with PX0931W and PX0941

Gland Packs
- PX0980 - Pack of 3 additional cable glands for PX0911 and PX0921 to suit cable sizes: 7-9mm (dark grey), 9-11mm (white) and 11-13mm (black) diameter
- PXA980 - Pack of 3 additional cable glands for PXA911 and PXA921 to suit cable sizes: 14-16mm (dark grey), 16-18mm (white) and 18-20mm (black) diameter
BUCCANEER FOR POWER
900 Series Buccaneer

Specifications

Electrical

<table>
<thead>
<tr>
<th>No Contacts:</th>
<th>2, 3</th>
<th>4, 5</th>
<th>7</th>
<th>10†</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Rating:</td>
<td>32A</td>
<td>32A</td>
<td>32A</td>
<td>10A</td>
</tr>
<tr>
<td>Voltage Rating:</td>
<td>600V AC/DC</td>
<td>600V AC/DC</td>
<td>430V AC/DC</td>
<td>250V AC/DC</td>
</tr>
<tr>
<td>Contact Resistance:</td>
<td>&lt;10m Ω (initial)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dielectric strength:</td>
<td>2.2kV AC min</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AC Breakdown voltage:</td>
<td>6kV</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating Temperature Range:</td>
<td>–40°C to +85°C</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Approvals:

- UL (Underwriters Laboratory)
- CSA (Canadian Standards Association)
- VDE (Verband der Elektrotechnik)

*with 75ºC min. rated cable

Material

Body Mouldings: Polyamide
Flammability Rating: UL94V-0
UV Resistance: To EN50021: 1999
Contacts: Machined Solid Brass, Nickel plated
O Rings: Nitrile
Panel Sealing Gasket: Silicone Rubber
RoHS Compliant

Contact Layout

Dimensions

Overall dimensions of connectors when mated together
PX0911 + PX0921 230 mm max.
PXA911 + PXA921 270 mm max.
PX0911 + PX0931 135 mm max. (to panel)
PXA911 + PXA931 175 mm max. (to panel)
PX0911 + PX0941 145 mm max. (to panel, mid point on flange)
PXA911 + PXA941 174 mm max. (to panel, mid point on flange)

Mechanical:

Sealing: IP69K, Tested in accordance with DIN 40050/Part 9 IP6K9K.

Cable Acceptance:
PX0911-PX0921 13 - 15mm O/D standard,
7 - 13mm with gland pack PX0980
PXA911-PXA921 20 - 22mm O/D standard,
14 - 20mm with gland pack PXA980

Contact Accommodation: 2-7 Contact - 2.5 to 4mm² (14 to 10AWG) conductor, single or multi stranded
10 Contact - 0.75 to 2.5mm² (14 to 18AWG) conductor, single or multi stranded

Termination: Axial screw terminals

Gland Nut Torques:

**PX0 range**
13-15mm (Yellow - std.) 3.16Nm (28 lbf.in.)
11-13mm (black) 3.16Nm (28 lbf.in.)
7-9mm (dark grey) 3.16Nm (28 lbf.in.)

**PXA range**
20-22mm (Yellow - std.) 3.16Nm (28 lbf.in.)
18-20mm (black) 3.16Nm (28 lbf.in.)
16-18mm (white) 3.16Nm (28 lbf.in.)
14-16mm (dark grey) 3.16Nm (28 lbf.in.)

**IP68, EN60529:1992+A2:2013 tested @ 1.054kg/sq.cm. (15lb/sq.in.) 10m depth for 2 weeks**

IP69K, Tested in accordance with DIN 40050/Part 9 IP6K9K.

E214972
1211899
40003148

2.25Nm (20 lbf.in.)
0.9Nm (8 lbf.in.)
1.13Nm (10 lbf.in.) to 1.36Nm (12 lbf.in.)
0.4Nm (3.5 lbf.in.) max
0.25Nm (2.2 lbf.in.) max

2.25Nm (20 lbf.in.)
0.9Nm (8 lbf.in.)
1.13Nm (10 lbf.in.) to 1.36Nm (12 lbf.in.)
0.4Nm (3.5 lbf.in.) max
0.25Nm (2.2 lbf.in.) max

M36 x 2-6g
<table>
<thead>
<tr>
<th>Series Designation</th>
<th>Body Styles</th>
<th>Contact Termination</th>
<th>Number of Contacts</th>
<th>Contact Type</th>
<th>Cable Acceptance</th>
</tr>
</thead>
<tbody>
<tr>
<td>09 = Standard Cable Accommodation (ø7-15mm)</td>
<td>1 = Flex</td>
<td>1 = Screw Terminal</td>
<td>02</td>
<td>P = Plug, S = Socket</td>
<td>PX-0 version:</td>
</tr>
<tr>
<td>A9 = Large Cable Accommodation (ø14-22mm)</td>
<td>2 = Inline</td>
<td></td>
<td>03</td>
<td>Blank = 13-15mm</td>
<td>Yellow cable gland (std)</td>
</tr>
<tr>
<td></td>
<td>3 = Front Panel</td>
<td></td>
<td>04</td>
<td>03 = 11-13mm</td>
<td>Black cable gland</td>
</tr>
<tr>
<td></td>
<td>4 = Flange Panel</td>
<td></td>
<td>05</td>
<td>02 = 9-11mm</td>
<td>White cable gland</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>07</td>
<td>01 = 7-9mm</td>
<td>Dark Grey cable gland</td>
</tr>
</tbody>
</table>

**Example:**
PX0911/07/P/03 = Flex cable connector with standard cable accommodation body, seven Plug contacts, with gland to suit 11-13mm cable.