



- 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 pole
- 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 pole versions
- EN60068-2-52 Test Kb Salt Mist (Cyclic) Marine Severity Level 1
- Trailing Neutral on 5 pole
- 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
- CCC, UL, CSA and VDE approvals

Flex Cable Connector



PX0911

Flex Cable Connector



PXA911

- Mates with in-line flex 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
- PXA Series 20-22mm cable dia. as standard, 14-20mm with additional gland pack
- Strain Relief Clamp



| Standard Cable | Large Cable | Description  | Standard Cable | Large Cable | Description    |
|----------------|-------------|--------------|----------------|-------------|----------------|
| PX0911/02/P    | PXA911/02/P | 2 pole Plug  | PX0911/02/S    | PXA911/02/S | 2 pole Socket  |
| PX0911/03/P    | PXA911/03/P | 3 pole Plug  | PX0911/03/S    | PXA911/03/S | 3 pole Socket  |
| PX0911/04/P    | PXA911/04/P | 4 pole Plug  | PX0911/04/S    | PXA911/04/S | 4 pole Socket  |
| PX0911/05/P    | PXA911/05/P | 5 pole Plug  | PX0911/05/S    | PXA911/05/S | 5 pole Socket  |
| PX0911/07/P    | PXA911/07/P | 7 pole Plug  | PX0911/07/S    | PXA911/07/S | 7 pole Socket  |
| PX0911/10/P    | PXA911/10/P | 10 pole Plug | PX0911/10/S    | PXA911/10/S | 10 pole Socket |

In-Line Flex Cable Connector



PX0921

In-Line Flex Cable Connector



PXA921

- 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
- PXA Series 20-22mm cable dia. as standard, 14-20mm with additional gland pack
- Strain Relief Clamp



| Standard Cable | Large Cable | Description  | Standard Cable | Large Cable | Description    |
|----------------|-------------|--------------|----------------|-------------|----------------|
| PX0921/02/P    | PXA921/02/P | 2 pole Plug  | PX0921/02/S    | PXA921/02/S | 2 pole Socket  |
| PX0921/03/P    | PXA921/03/P | 3 pole Plug  | PX0921/03/S    | PXA921/03/S | 3 pole Socket  |
| PX0921/04/P    | PXA921/04/P | 4 pole Plug  | PX0921/04/S    | PXA921/04/S | 4 pole Socket  |
| PX0921/05/P    | PXA921/05/P | 5 pole Plug  | PX0921/05/S    | PXA921/05/S | 5 pole Socket  |
| PX0921/07/P    | PXA921/07/P | 7 pole Plug  | PX0921/07/S    | PXA921/07/S | 7 pole Socket  |
| PX0921/10/P    | PXA921/10/P | 10 pole Plug | PX0921/10/S    | PXA921/10/S | 10 pole Socket |

Panel Mounted Connector



PX0931

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



**Panel Mounting**

|             |              |             |                |
|-------------|--------------|-------------|----------------|
| PX0931/02/P | 2 pole Plug  | PX0931/02/S | 2 pole Socket  |
| PX0931/03/P | 3 pole Plug  | PX0931/03/S | 3 pole Socket  |
| PX0931/04/P | 4 pole Plug  | PX0931/04/S | 4 pole Socket  |
| PX0931/05/P | 5 pole Plug  | PX0931/05/S | 5 pole Socket  |
| PX0931/07/P | 7 pole Plug  | PX0931/07/S | 7 pole Socket  |
| PX0931/10/P | 10 pole Plug | PX0931/10/S | 10 pole Socket |

Flange Mounted Connector



PX0941

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



**Flange Mounting**

|             |              |             |                |
|-------------|--------------|-------------|----------------|
| PX0941/02/P | 2 pole Plug  | PX0941/02/S | 2 pole Socket  |
| PX0941/03/P | 3 pole Plug  | PX0941/03/S | 3 pole Socket  |
| PX0941/04/P | 4 pole Plug  | PX0941/04/S | 4 pole Socket  |
| PX0941/05/P | 5 pole Plug  | PX0941/05/S | 5 pole Socket  |
| PX0941/07/P | 7 pole Plug  | PX0941/07/S | 7 pole Socket  |
| PX0941/10/P | 10 pole Plug | PX0941/10/S | 10 pole Socket |

Additional Bulkhead Adaptor Moulding



PX0950

Additional Bulkhead Adaptor Moulding



PX0950 & PX0941

- 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)



Accessories



PX0960, PX0970

- Sealing caps to maintain IP68 rating of unmounted connectors, with plastic straps

**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

Accessories



PX0990, PX0991, PX0992

- Heavy duty sealing caps to maintain IP68 rating of unmounted connectors, with stainless steel straps

**Gland Packs**

- PX0980 Pack of 3 additional cable glands for PX0911 and PX0921 to suit cable sizes; 11-13mm, 9-11 and 7-9mm dia.
- PXA980 Pack of 3 additional cable glands for PXA911 and PXA921 to suit cable sizes; 18-20mm, 16-18 and 14-16mm dia.

# BUCCANEER FOR POWER

## 900 Series Buccaneer

Specifications



### Electrical

|                              |  |                 |                  |            |
|------------------------------|--|-----------------|------------------|------------|
| No Poles:                    | 2, 3   | 4, 5            | 7                | 10†        |
| Current Rating:              | 32A<br>30A, CSA  | 32A<br>25A, CSA | 32A<br>25A, CSA* | 10A<br>UL  |
| Voltage Rating:              | 600V ac/dc   | 600V ac/dc      | 430V ac/dc       | 250V ac/dc |
| Contact Resistance:          | <10m Ω (initial)   |                 |                  |            |
| Insulation Resistance:       | >10 <sup>9</sup> MΩ (@ 500V dc)  |                 |                  |            |
| Dielectric strength:         | 2.2kV ac min   |                 |                  |            |
| AC Breakdown voltage:        | 6kV  |                 |                  |            |
| Operating Temperature Range: | -40°C to +85°C   |                 |                  |            |
| Approvals:                   | E214972<br>1211899<br>40003148<br>2011010203500396 – 10 Amp Rated<br>2011010203500396 – 32 Amp Rated |                 |                  |            |

\*with 75°C 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 + PX0931 175 mm max. (to panel)

PX0911 + PX0941 145 mm max.  
 (to panel, mid point on flange)

PXA911 + PX0941 174 mm max.  
 (to panel, mid point on flange)

### Mechanical:

|                        |  |
|------------------------|--|
| Sealing:               | IP69K, Tested in accordance with DIN 40050/Part 9<br>IP6K9K.<br><br>IP68, EN60529:1992+A2:2013 tested @ 1.054kg/sq.cm.<br>(15lb/sq.in.) 10m depth for 2 weeks                      |
| Salt Mist:             | EN60068-2-52 Test Kb Salt Mist (Cyclic) Marine<br>Severity Level 1   |
| Cable Acceptance:      | PX0911-PX0921 13 - 15mm O/D standard,<br>7-13mm with gland pack<br>PXA911-PXA921 20 - 22mm O/D standard,<br>14 - 20mm with gland pack  |
| Contact Accommodation: | 2-7 pole - 2.5 to 4mm <sup>2</sup> (13 to 10AWG)<br>conductor, single or multi stranded<br>10 pole - 0.75 to 2mm <sup>2</sup> (14 to 18AWG)<br>conductor, single or multi stranded |
| Termination:           | Axial screw terminals  |

|                        |  |
|------------------------|--|
| Cable Retention force: | 22mm dia, 150N<br>15mm dia, 150N<br>7mm dia, 80N |
|------------------------|--|

|                         |                     |
|-------------------------|---------------------|
| 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.) |

|                                 |  |
|---------------------------------|--|
| Tightening Torques:             |  |
| Panel mount nut                 | 2.25Nm (20 lbf.in.)                        |
| Flange & Bulkhead fixing screws | 0.9Nm (8 lbf.in.)                          |
| Inserts into Bodies             | 1.13Nm (10 lbf.in.) to 1.36Nm (12 lbf.in.) |
| Term screws - 2 to 5 poles      | 1.0Nm (9 lbf.in.) max                      |
| Term screws - 7 pole            | 0.4Nm (3.5 lbf.in.) max                    |
| Term screws - 10 pole           | 0.25Nm (2.2 lbf.in.) max                   |

Rear thread PX0931 series M36 x 2-6g



**PX X9                      X                      X                      /                      XX                      /                      X                      /                      XX**

**Series Designation**

09 = Standard Cable Accommodation (7-13mm)

A9 = Large Cable Accommodation (14-22mm)

**Body Styles**

- 1 = Flex
- 2 = Flex In-line
- 3 = Panel
- 4 = Flange Panel

**Contact Termination**

- 1 = Screw Terminal

**Number Contacts**

- 02 = 2 pole
- 03 = 3 pole
- 04 = 4 pole
- 05 = 5 pole
- 07 = 7 pole
- 10 = 10 pole

**Contact Type**

P = Plug, S = Socket

**Cable Acceptance**

**EXP-0 version:**  
 Blank = 13-15mm  
 Yellow cable gland (std)

3 = 11-13mm  
 Black cable gland

2 = 9-11mm  
 White cable gland

1 = 7-9mm  
 Dark Grey cable gland

**EXP-A version:**  
 Blank = 20-22mm  
 Yellow cable gland (std)

9 = 18-20mm  
 Black cable gland

8 = 16-18mm  
 White cable gland

7 = 14-16mm  
 Dark Grey cable gland

**Example:**

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

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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ВЧ соединители, коаксиальные кабели,  
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(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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