

A range of high **amperage** flex body, flex body in-line and flange mount connectors rated to IP68. These **Delrin housing** multi pin circular connectors are ideal for applications where **dust** and **water ingress** must be **avoided** and ease of connection to high ratings must be achieved.

- **Bayonet 1/4 Turn locking Mechanism**
Secure, quick connector mating and release
- **Screw Turn Locking**
Secure, robust connection and easy to disconnect
- **Positive feedback on locking mechanism**
Confidence that connector is correctly mated and sealed
- **IP68 when mated (for parts with backshell)**
Suitable for a wide range of dust and water borne environments
- **Flex Body, Flex Body In-Line and Flange Mount Available**
Complete family of products maintain sealing integrity in all styles
- **Visual alignment features**
Aids the correct mating of connectors
- **2 to 11 poles - up to 225A, 1250V AC RMS**
Suitable for mains power to signal applications
- **Crimp termination available**
- **300+ AMP contacts upon request**



Screw Locking -
Male & Female

PXP9050

- Flex Body, Flex In-Line & Flange Mount available
- Plug and Socket available
- IP68 Rated
- Up to 1250V AC RMS

Part Number	Poles	Contact Type	Contact Size	Body Type	Backshell
PXP9050/02/P/1	2	Pin	4/0	Flex Body	Yes
PXP9051/02/S/1	2	Socket	4/0	Flex In-Line	Yes
PXP9052/02/S	2	Socket	4/0	Flange Mount	-
PXP9050/04/P/1	4	Pin	1/0	Flex Body	Yes
PXP9051/04/S/1	4	Socket	1/0	Flex In-Line	Yes
PXP9052/04/S	4	Socket	1/0	Flange Mount	-
PXP9050/06/P/1	6	Pin	1/0	Flex Body	Yes
PXP9051/06/S/1	6	Socket	1/0	Flex In-Line	Yes
PXP9052/06/S	6	Socket	1/0	Flange Mount	-
PXP9050/08/P/1	8	Pin	4x 4 & 16AWG 4x	Flex Body	Yes
PXP9051/08/S/1	8	Socket	4x 4 & 16AWG 4x	Flex In-Line	Yes
PXP9052/08/S	8	Socket	4x 4 & 16AWG 4x	Flange Mount	-
PXP9050/11/P/1	11	Pin	10x 4 & 16AWG 1x	Flex Body	Yes
PXP9051/11/S/1	11	Socket	10x 4 & 16AWG 1x	Flex In-Line	Yes
PXP9052/11/S	11	Socket	10x 4 & 16AWG 1x	Flange Mount	-

Bayonet Quarter Turning Lock -
Male & Female

PXP9010

- Flex Body, Flex In-Line & Flange Mount available
- Plug and Socket available
- IP68 Rated
- Up to 1250V AC RMS
- Robust, with Quick Disconnect System

Part Number	Poles	Contact Type	Contact Size	Body Type	Backshell
PXP9010/02/P/1	2	Pin	4/0	Flex Body	Yes
PXP9011/02/S/1	2	Socket	4/0	Flex In-Line	Yes
PXP9012/02/S	2	Socket	4/0	Flange Mount	-
PXP9010/04/P/1	4	Pin	1/0	Flex Body	Yes
PXP9011/04/S/1	4	Socket	1/0	Flex In-Line	Yes
PXP9012/04/S	4	Socket	1/0	Flange Mount	-
PXP9010/06/P/1	6	Pin	1/0	Flex Body	Yes
PXP9011/06/S/1	6	Socket	1/0	Flex In-Line	Yes
PXP9012/06/S	6	Socket	1/0	Flange Mount	-
PXP9010/08/P/1	8	Pin	4x 4 & 16AWG 4x	Flex Body	Yes
PXP9011/08/S/1	8	Socket	4x 4 & 16AWG 4x	Flex In-Line	Yes
PXP9012/08/S	8	Socket	4x 4 & 16AWG 4x	Flange Mount	-
PXP9010/11/P/1	11	Pin	10x 4 & 16AWG 1x	Flex Body	Yes
PXP9011/11/S/1	11	Socket	10x 4 & 16AWG 1x	Flex In-Line	Yes
PXP9012/11/S	11	Socket	10x 4 & 16AWG 1x	Flange Mount	-

Accessories



PXP9080

- Adapter
- Locator

*crimping tool required - contact us for more details.

Part Number	Description
PXP9080	1/0 Pin and Socket Adapter to accommodate 6-8awg conductors
PXP9082	Locator

BUCCANEER FOR POWER
9000 Series High Power Buccaneer

Specifications & Part No System



Electrical:

No Poles:	2, 4, 6, 8, 11
Current Rating:	
2 Pole	225A
4 Pole	150A
6 Pole	150A
8 Pole	13A, 80A
11 Pole	80A, 13A
Voltage Rating (AC):	1250V AC RMS +700V AC RMS
Operating Temp. Range:	-55°C to +125°C
Approvals:	Standard Available

Materials:

Body:	Delrin
Colour:	Black
Contacts:	Copper Alloy Silver Plating
Flammability Rating:	UL94 V-0

RoHS

Compliant

Mechanical:

Locking Mechanism:	Bayonet Quarter Turn Rapid Locking Screw Lock
Sealing:	IP68
Contact Accommodation:	
2 pole	4/0 (107.2 mm ²)
4 pole	1/0 (53.5 mm ²)
6 pole	1/0 (107.2 mm ²)
8 pole	4x 4 (107.2 mm ²) & 16 AWG (1.5 mm ²) 4x
11 pole	10x 4 (107.2 mm ²) & 16 AWG (1.5 mm ²) 1x
Cable Acceptance:	Back Shell Inner Diameter 48.26 mm
Terminations:	Crimp Terminals
Dimensions:	
Diameter: (over coupling ring)	72.77mm (bayonet), 80.67mm (screw lock)

PXP90XX	XX	/	XX	/	X	/	X
Series Designation	Series / Body Style		Contact of Poles		Contact Type		Backshell
PXP901X = Bayonet Quarter Turn	10 = Flex Body		02		P = Plug		N/A = No Backshell
PXP905X = Screw Locking	11 = Flex In-Line		04		S = Socket		1 = 4" Screw on Backshell
	12 = Flange Mount		06				
			08				
			11				

Examples

PXP9050/02/P/1 = Screw Locking Flex Body Connector, 4 inch Backshell, 2 Contacts, Pin

PXP9012/02/S = Bayonet Locking Flange Mount Connector, No Backshell, 2 Contacts, Socket