







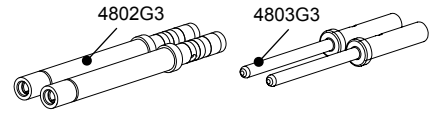




## Pin & Socket Contacts for PPMX Auxiliary Connector

Gold plated contacts are ideal for signal or low power use with durability up to 5,000 mating cycles.

Description	AWG	mm <sup>2</sup>	Part Numbers	
Minimum Quantity			2,000	50
Pin Contacts	24 to 20	0.50 to 0.25	4803G3-BK	4803G3
Socket Contacts	24 to 20	0.50 to 0.25	4802G3-BK	4802G3

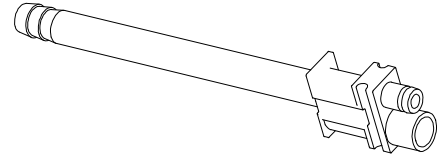


NOTE: Contacts sold individually, not sold as a set of two.

## SBE® Air Tubes

Air tubes fit into SBE® housings to allow electrolyte circulation while charging the battery. Genderless tube design allows the same part to be used on both sides. (2) Retaining pins are required to hold the air tube in place. Retaining pins are included in Air Tube Kit.

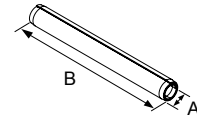
Description	Part Numbers	
Minimum Quantity	500	25
Air Tube Kit, Black	-	6396G1
Air Tube Only	3-5798P1	-



## Retaining Pins

Retaining pins are used to hold accessories in the auxiliary port in SBE®, SBO®, & SBX® housings. Dimension "B" is +/- 0.015 in or 0.38 mm.

Description	Part Numbers		Dimensions			
			- A -		- B -	
			inches	mm	inches	mm
Minimum Quantity	1,000	100				
For SBE® 80 & SBO® 60	110G9-BK	110G9	0.093 / 0.099	2.36 / 2.51	0.85	21.59

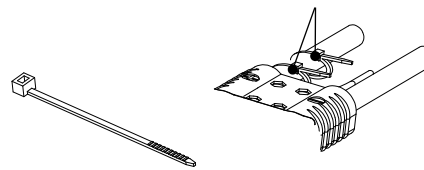


## Zip Cable Straps

Zip cable straps are used to secure auxiliary wires to the side of the main power cables.

Description	Part Number
Minimum Quantity	1,000
White	H1835P3

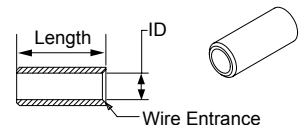
Use cable ties to secure auxiliary contact leads to one of the main cables.



## Reducing Bushings

Use with contact part number 1339G1 to allow a smaller wire to be used with the connector. Electrical capability is derated with smaller wire.

Contact Barrel Size		Wire Size		Part Numbers			Dimensions			
AWG	mm <sup>2</sup>	AWG	mm <sup>2</sup>				- ID -		- Length -	
							inches	mm	Inches	mm
Minimum Quantity				3,000	1,000	100				
6	13.3	8	8.4 mm <sup>2</sup>	-	5912-BK	5912	0.18	4.57	0.45	11.43
6	13.3	12 to 10	3.3 to 5.3	5910-BK	-	5910	0.14	3.56	0.47	11.94
6	13.3	16 to 14	1.3 to 2.1	5913-BK	-	5913	0.09	2.29	0.47	11.94



# SBO® / SBE® / SBX® - Tooling Information

Wire Size		Loose Piece Part Number	Loose Piece Contact Crimp Tools								
AWG	mm <sup>2</sup>	Contacts	Pneumatic Bench Tool	+	Die	+	Locator	Number of Crimps	+	Hand Tools	
<b>SBE® 320 / SBX® 350</b>											
300 MCM	152	6358	N/A		N/A		N/A	N/A		1368 Series	
4/0 AWG	107.2	6356	1387G2		1303G12		1303G28	Double			
3/0 AWG	85	6355									
2/0 AWG	67.4	6354									
2	N/A	6394				1303G2					1304G28
N/A	95 mm <sup>2</sup>	1341G3				1303G17					1304G35
N/A	70 mm <sup>2</sup>	1341G2				1303G12					1304G34
N/A	50 mm <sup>2</sup>	1341G1				1303G8					1304G36
<b>SBE® 160 / SBX® 175</b>											
1/0 AWG	53.5	6384G1	1387G2		1303G13		1304G32	Double		1368 series	
2	25 mm <sup>2</sup>	6384G2	1387G2		1303G13		1304G32	Double			
1/0 & #2	53.5 to 5mm <sup>2</sup>	6384G1 & 6384G2	1387G1		1388G3		1389G3	Single			
<b>SBO® 60 / SBE® 80</b>											
4	25	1339G4	1387G1		1388G7		1389G9	Single		N/A	
6	16	1339G1			1388G6				1309G4		
<b>Powerpole® 15/45 Auxiliary Contacts **</b>											
16 to 20	1.3 to .52	1332	N/A		N/A		N/A	Single		1309G2 or 1309G8	
12 to 16	3.3 to 1.3	1331									
<b>PowerMod® 1x4 Auxiliary Contacts</b>											
12 to 24	2.5 to 0.25	All Crimp Pins	TP0001*		N/A		TL0001	Single		TM0001*	
		All Crimp Sockets				TL0002	PM1000G1				
<b>PPMX Auxiliary Contacts</b>											
20 to 24	0.50 to 0.25	4803G3	TP0001*		N/A		TL0005	Single		TM0001* or	
		4802G3				PM1000G1					
<b>Tools</b>											
<b>PM1002G1</b> - 1 x 4 Auxiliary Contact Insertion Tool - For use with PM contacts and 1x4 auxiliary housing (444G1 housings and 441G kits)											
<b>PM1003G1</b> - 1 x 4 Auxiliary Contact Insertion Tool - For use with PM contacts and 1x4 auxiliary housing (444G1 housings and 441G kits)											
<b>PM1003GX</b> - 1x4 Auxiliary contacts Inspection Tool - For use with PM contacts and 1x4 auxiliary housing (444G1 housings and 441G kits)											
<b>969P1</b> - SBE® 160 / SBX® 175 Power Contact Extraction Tool											
<b>970P1</b> - SBE® 320 / SBX® 350 Power Contact Extraction Tool											

SBO® / SBE® / SBX®  
TOOLING

\* TP0001 and TM0001 tools require locators to properly position contacts.

\*\* See Powerpole® family tooling chart for other Powerpole® contacts

The auxiliary contacts used with wire sizes 16 to 24 AWG cannot be properly inserted without the insertion tool. Properly installed auxiliary contact of all wire gauges cannot be removed from the housing without the extraction tool.

## Your Best Connection™

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