

# PowerMod® HP "A" Series Right Angle Female Singlepole Connector Assembly Instructions



Contact Crimp Barrel



Female Contact



Screw Pak  
2 Phillips, 1 Allen Head



Connector Housing  
Front



Connector Housing  
Back

- 1) Strip wire per the diagram shown below:



- 2) Insert wire into the contact crimp barrel making sure wire bottoms out in the barrel. Select a crimping tool system from the chart below. Make sure all strands are in the contact barrel.

Wire Size	Pneumatic Production Tool				Hand Tool			
	Part Number	Die P/N	Locator P/N	Number of Crimps	Hydraulic	Battery	Die P/N	Number of Crimps
#2 AWG 35mm <sup>2</sup>	1387G2	1303G13	1304G19	2	1387G3	1370	1322G7	2
25mm <sup>2</sup>	1387G2	1303G13	1304G19	2	1387G3	1370	1322G11	2
#4 AWG	1387G2	1303G14	1304G19	2	1387G3	1370	1322G8	2
16mm <sup>2</sup>	1387G2	1303G14	1304G19	2	1387G3	1370	1322G10	2
#6 AWG	1387G2	1303G14	1304G19	2	1387G3	1370	1322G9	2

- 3) Crimp the contact barrel.



- 4) Insert the 3 mm allen head screw through the opening in the crimp barrel with screw head settling into undercut area of the crimp barrel. Hand thread the screw/crimp barrel assembly into the threaded opening of the female contact until resistance is felt. One of the flat areas on the female contact barrel should be parallel with the flat area on top of the Crimp barrel. (See Picture). Shows flat on barrel aligned with flat on contact.



- 5) Tighten the screw until there is no gap between the contact and the crimp barrel, (no knurled area should be exposed).



- 6) Insert the crimped contact into the Front connector housing being sure to bottom the contact completely into the housing.

- 7) Assemble back Connector housing over the APP latch button in a downward motion assuring alignment tabs locate properly and latch button moves freely. Insert self-tapping Phillips head screws and tighten to a max. torque of 2 in.-Lbs. (0.22Nm)\*.



\* Nm = .114 x inch-lbs

## WARNING

NEVER WORK WITH LIVE CONDUCTORS

## PATENTS AND TRADEMARKS

This product is Patent Pending.

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