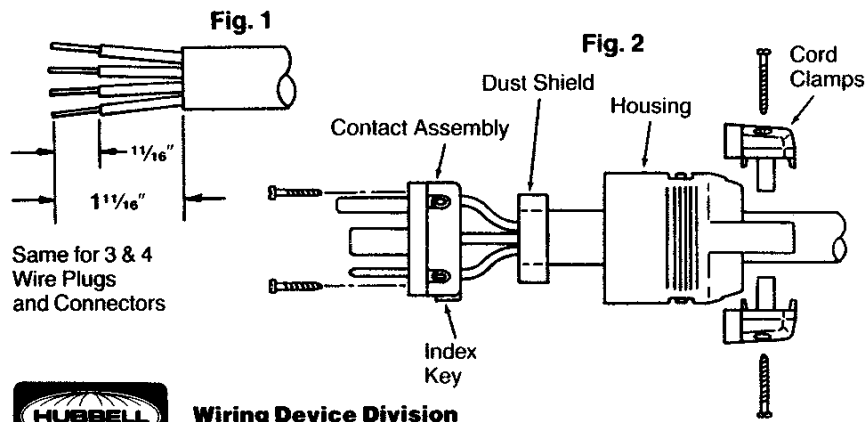


WIRING INSTRUCTIONS

30, 50, 60 Amp. Straight Blade Plugs and Connectors (Straight Body)

1. Check to see that the rating, molded on face of device, is correct for the installation.
2. Select flexible cable of suitable ampacity, service and temperature rating. Refer to N.E.C., Article 400-5(A) or applicable listing or certification requirements. Use flexible stranded copper wire only. Do not tin conductors. Device terminals will accept 12 to 4 AWG wire size. Cord clamp range is .62 to 1.31 dia. Use only round "Service" cord types S, SO, ST.
3. Choose the correct end of the cable for the plug or connector so that conductor color coding corresponds to terminal location.
4. Slide housing up cable.
5. Select a dust shield with an inside diameter slightly smaller than the cable. Slide the shield up the cable.
6. Strip cable jacket and each conductor per Fig. I.
7. Insert the conductors into the proper terminal of the contact assembly. Make sure wires are fully engaged. **TAKE EXTRA CAUTION THAT THERE ARE NO LOOSE WIRE STRANDS.**
8. Using a $\frac{3}{16}$ " Allen wrench, tighten terminal screws to approx. 75 lb.-in.
9. Slide dust shield down cord until it is flush with the end of the stripped jacket (See Fig. II).
10. Assemble the housing onto the contact assembly (note key for proper alignment). Tighten (2) mounting screws (15 lb.-in.).
11. Assemble two (2) cord grips to housing and alternately tighten two (2) cord grip screws several turns at a time until 20 lbs./inch or 2.3 N-m are achieved.



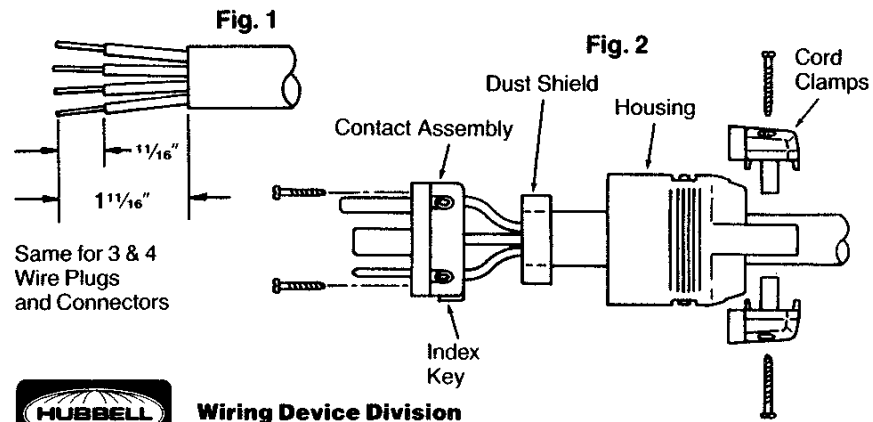
Wiring Device Division

PD1045 Rev. 8/91

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