advanced devices

CLS SERIES
SINGLE PIN CAM DEVICES

CATALOG SERIES: CLMM, Male Connector

Rated up to 150A continuous current using #2 cable with 75° C insulation. NEMA 3R, 4

ASSEMBLY INSTRUCTIONS

- Cut back end of shroud to match power cable diameter. Cut conservatively.
- Slightly undersize cut to ensure a tight fit between shroud and cable jacket.
- Spray silicone lubricant, liquid soap or cable pulling compound into shroud and cable end. Slide shroud over cable.
- Strip 1-1/8" of jacket off cable end.
- Wrap the center of the strain relief wire around cable jacket, 1/4" from the end of the jacket. Tighten the wire into the cable jacket by twisting wire twice with pliers. Bend the wire ends down so that they rest over the cable jacket and lie flat against the copper foil. Make sure the wire ends clear the locking ring inside the shroud. Fig. 2
- Slide wire shoe over strain relief wire and exposed wire. Fig. 3
- Cut ends of the strain relief wire flush with end of the wire shoe. Fig. 3
- Insert conductor into contact with strain relief wires opposite the termination screws.
- Using an Allen wrench, tighten 5/16 -24 setscrews to 85 in.- lbs. of torque
- Slide shroud over contact, aligning threaded hole in contact with opening port in shroud. Fig. 4
- Fasten retaining screw (approximately 3-5 in.-lbs.). Do not over torque.

Fig. 1

Fig. 2

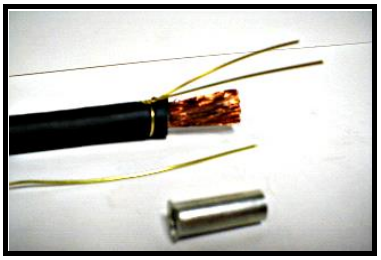
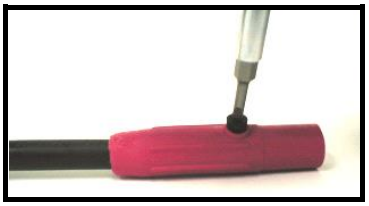


Fig. 3

Fig. 4



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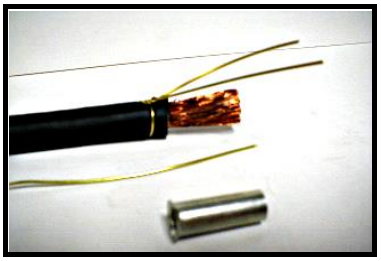

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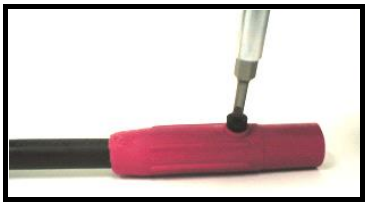

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