

Medium Voltage Cable Coupler Systems, 15kV

Product Data Sheet

Mine Cable Services 15kV Cable Coupler systems are available with 600A or 800A ratings, with a choice of shielded or unshielded models. The MCS 15kV Cable Coupler system is created to withstand the rigors of harsh minesite working environments featuring non-conductive aluminum cast body components, robust and self-centering entrance fitting and strain relief system providing superior prevention of water ingress, as well as non-corrosive stainless steel and brass hardware. Options include the MCS LED Voltage Indicator System for added safety, silver plated contacts for improved conductivity, and custom powder coated body parts to differentiate different lines and voltages of electrical cables in service at your location.



15kV, 600A Male Shielded Couplers in service on MCS manufactured Cable Repair Facility

15kV, 800A Shielded Couplers in service in Latin American gold mine



Product Features and Benefits:

- 15kV, 600A or 800A models available.
- Shielded or Unshielded models.
- Models available for compatibility with other brands of common North American manufacture.
- Entrance Fitting Strain Relief system design provides superior prevention of water ingress.
- Manufactured to meet IP67H standard, suitable for use in wet, muddy, and dusty environments.
- Compliant with requirements CSA M421-00 – Use of Electricity on Mines-Surface Mines & Quarries.
- Silver plated contacts standard on all models.
- Live End connection options include compression, mechanical (set screw) or solder.



Proudly Made in Canada



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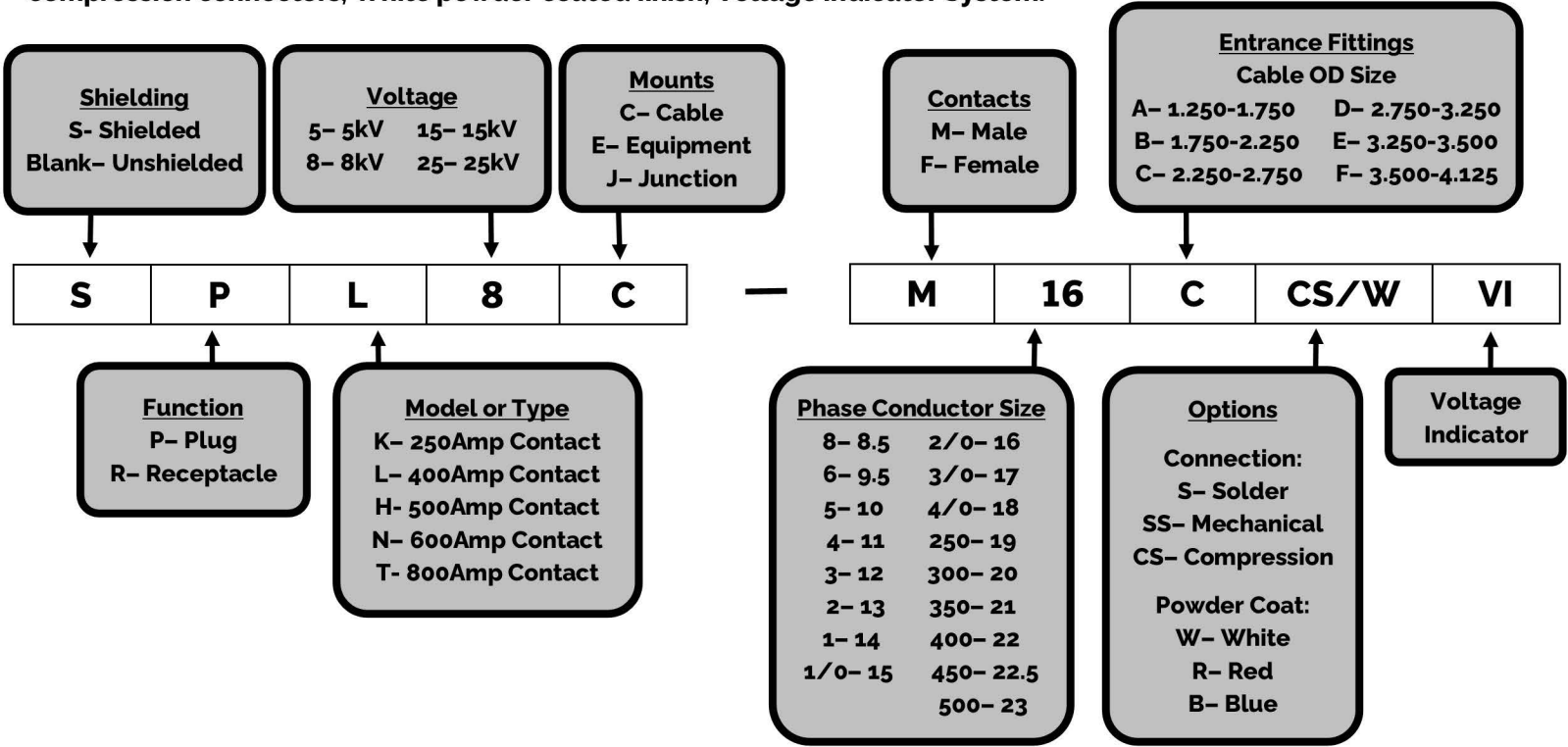
How to Order Mine Cable

Services Cable Coupler Systems



Example:

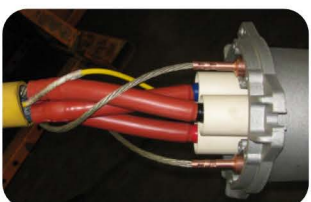
Shielded Coupler required for a system rated 7.2kV, Equipment current 400 Amps. Cable 8kV, 2/0, Cable OD diameter- 2.46", Plug, Male contacts, Cable Mounted, with compression connectors, White powder coated finish, Voltage Indicator System.



Product Technical Specifications

- Development tested to Std. IEEE386-1995 and IEEE48-1996
- Where switchgear mounting is required, MCS couplers meet Std. CSA C22.2 No.31-04
- Manufactured to meet IP67H standard
- Compliant with requirements CSA M421-00 – Use of Electricity on Mines-Surface Mines & Quarries
- Mating compatibility with other coupler brands of common North American manufacture

Additional Recommended Coupler Products & Services



Coupler Termination Kits



Dielectric Filling Compound



Coupler Installation Tool Kits



Coupler Installation Services



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