

# MC-HL 5-15kV

UL 1072, IEEE 1202, AEIC CS8, ICEA S-94-649, ICEA S-93-639



5kV



15kV

## APPLICATION

- Suitable for installations in harsh conditions where chemical and mechanical protection is required.
- Extreme armor is designated for Class 1 Div 1 applications and is impervious to moisture and chemicals
- Per NEC Article 330, may be used:
  - ➔ indoors or outdoors
  - ➔ raceways and cable tray systems and channels
  - ➔ in hazardous locations per NEC

## NEW LISTINGS AND APPROVALS

- ➔ The internal shield, EPR insulation and insulation shield are extruded in one operation on CV line
- ➔ EPR insulation system has outstanding corona resistance and high dielectric strength
- ➔ External screens are clean stripping
- ➔ Corrugated armor provides impervious barrier to moisture, gas and liquids
- ➔ Cables meets cold impact test at -40°C
- ➔ Passes the vertical tray flame test requirements of UL1072
- ➔ Crush resistance
- ➔ Hazardous installations
- ➔ High chemical resistance
- ➔ Impervious to moisture

**MC-HL** product line is used in oil, gas, and petrochemical industrial applications for power devices. Available in 5000 Volt to 15kV designs, these cables are impervious to gas, liquids, and vapors making them the preferred cable solution in hazardous locations.

**CABLE DESIGN:** Three stranded copper conductors, extruded semiconducting shielding, EPR insulation, extruded semiconducting insulation shielding, phase identification strips, and copper shield tape with overlap over individual conductors, with three symmetrical grounding conductors, fillers and binder tape over the core, corrugated aluminum sheath with outersheath.

