

INDUSTRIAL COMPONENTS OF WEST VIRGINIA



STANDARD COMPONENTS FOR POWER SYSTEMS AND SUBSTATIONS



High Voltage Ground Monitor

This ground monitor is an impedance type ground wire monitor designed to be used on high voltage power circuits and connects to the pilot wire and ground wire of the power circuit to monitor the resistance of the ground circuit. The high voltage ground monitor has two modes of operation, UVR and NON-UVR. The UVR mode is used with high voltage circuit breakers with only undervoltage release coils. The NON-UVR mode is used with high voltage circuit breakers.



Ground Trip System

This ground trip system provides ground fault protection for ground power systems. The assembly provides the protection by tripping the undervoltage release coil or the shunt trip coil of the circuit breaker of the power circuit. The ground fault test is performed with a test pushbutton located on the front of the assembly. The ground fault assembly has a mechanical trip target for indication that the assembly tripped due to a ground fault and must be manually reset.



Capacitor Trip

This capacitor trip assembly provides DC tripping power for high voltage circuit breakers. The output of the capacitor trip assembly is 175 VDC. This DC output can also be used to power the solid state overcurrent relays that detect a fault condition. The capacitor trip assembly has a light that indicates that it has a charge and is ready to supply trip control power.



MSHA 4 Channel IS Relay

This is a four channel Intrinsically safe solid state relay. LED's make trouble shooting easy and a simple interface makes this relay very user friendly. DIN rail mounting makes this relay an ideal solution for all types of environments. This product is MSHA approved. An optional stainless steel case can be ordered for added protection (not pictured).



Safety Interlock Switch

This is an enclosed insulated spring interlock switch. Single pole, single throw with 1/4 inch spade terminals. This switch operates at 5 amps and 240 VAC.