

MPE Intrinsically Safe Relay (ISR) Specification

The Intrinsically Safe Relay (ISR) shall provide a safe and reliable method of load control when interfaced with a contact closure from a hazardous location. When the control switch input is closed between pins 1 and 8, the output relay shall become energized, and the LED shall illuminate. When the control switch input opens, the output relay shall be de-energized.

The ISR shall be an 8 pin, plug in device that shall have locking tabs that mates to an 8 pin din rail mount socket. The 8 pin socket shall be provided with the ISR.

The Intrinsically Safe Relay shall be part number 030-120-118, manufactured by Motor Protection Electronics, Apopka, Florida, 407-299-3825.