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# Intrinsically Safe Barrier Relays

## Series Comparison

### SAFELY INTERFACE HAZARDOUS LOCATION CONTROLS

Intrinsically Safe Barrier Relays provide protection when controlling loads with input devices located in hazardous areas. IS circuits operate at low-energy levels that cannot ignite potentially explosive atmospheres. In the event of a fault condition, the IS barrier prevents excess voltage and current from reaching the hazardous area.

### COMPARISON TABLE

Product Series	Enclosure	Channels	Function	Control Voltage	Standard Modification
ISD	60 mm wide for DIN-Rail or Panel Mounting	4-Channel	<i>Model ISDUR4:</i> Time Delay or Logic Selection Applied to All Channels	Universal Voltage: 102-132V AC and 10-125V DC	—
			<i>Model ISDUM4:</i> Time Delay or Logic Selection Applied Independently to Each Channel		
ISE	17.5 mm wide for DIN-Rail or Panel Mounting	1-Channel	Logic Selection Applied to Single Channel	Universal Voltage: 102-132V AC and 10-125V DC	Inverted Operation <sup>1</sup>
ISP	Plug-In Enclosure with Socket for DIN-Rail or Panel Mounting	1-Channel	—	120V AC	—

NOTE: <sup>1</sup> When the input device is open, the corresponding output contact is closed. When the input device is closed, the corresponding output contact is open. Order ISEUR1U.