

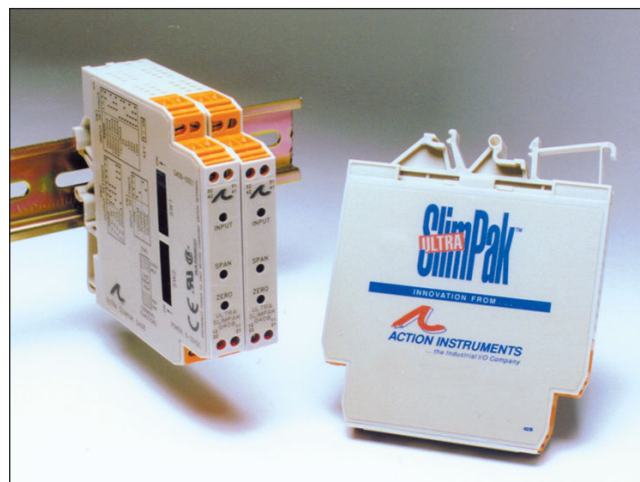
Action Instruments™ DIN Rail Mount Signal Conditioners, Isolators, Alarms, and Power Supplies

- Wide Ranging and Field Configurable for Maximum Flexibility
- ASIC Based Design for Maximum Reliability
- Lifetime Warranty
- High Density DIN Rail Mount Saves Panel Space

Ultra SlimPak

Ultra SlimPak offers a wide selection of functions, input types and ranges. These modules accept most process signals and output the commonly required voltages, current, and alarm trips.

SPECIFICATIONS	
Isolation:	1800 VDC between input, output, and power
Humidity:	15 to 95% (@45 °C) Operating
Temperature Range	
Operating:	0 to 55 °C
Storage:	-25 to 70 °C
Power	
Consumption:	1.5W typical, 2.5W Max.
Range:	9 to 30 VDC
Alarm Relays:	5A @ 120 VAC or 28 VDC 2A @ 240 VAC
Housing:	
EG8:	0.5"W x 3.54"H x 4.34"D, including rail (12.6 x 90 x 110.2mm)
EG12:	0.7"W x 3.54"H x 4.34"D, including rail (17.7 x 90 x 110.2mm)
Agency Approvals:	CSA per C22.2, UL per UL508, CE



SIGNAL
CONDITIONERS

SPECIFICATIONS AND ORDERING INFORMATION					
Cat #	Function	Input	Input Span (Field Configurable)	Housing	Output (Field Configurable)
G408	Isolator	DC Volt	10 mV to 100V 1 mA to 100 mA	EG8	DC Voltage (0-5V, 0-10V) DC Current (0-1 mA, 0-20 mA, 4-20 mA)
G108	Limit Alarm	DC Current	10 mV to 200V 1 mA to 100 mA Bipolar switch for ±100% span	EG12	Alarm (Dual SPDT Relay)
G418	Isolator	RTD	Platinum RTD 25°C to 800°C	EG12	DC Voltage (0-5V, 0-10V) DC Current (0-1 mA, 0-20 mA, 4-20 mA)
G118	Limit Alarm		Copper RTD 25°C to 468°C	EG12	Alarm (Dual SPDT Relay)
G428	Isolator	Thermocouple	B: 500°C to 1820°C E: -150°C to 1000°C	EG12	DC Voltage (0-5V, 0-10V) DC Current (0-1 mA, 0-20 mA, 4-20 mA)
G128	Limit Alarm		J: -200°C to 750°C K: -200°C to 1370°C R/S: 50°C to 1760°C T: -150°C to 400°C	EG12	Alarm (Dual SPDT Relay)
G438	Isolator	Pot	100 ohms to 100k ohms	EG8	DC Voltage (0-5V, 0-10V) DC Current (0-1 mA, 0-20 mA, 4-20 mA)
G448*	Isolator	Strain Gauge	0.5 mV/V to 50 mV/V Adjustable Excitation: 1-10 VDC, 120 mA	EG12	DC Voltage (0-5V, 0-10V) DC Current (0-1 mA, 0-20 mA, 4-20 mA)
G468	Isolator	AC Voltage AC Current	50 mVAC to 200 VAC	EG8	DC Voltage (0-5V, 0-10V) DC Current (0-1 mA, 0-20 mA, 4-20 mA)
G168	Limit Alarm		5 mA AC to 5 AAC**	EG12	Alarm (Dual SPDT Relay) DC Voltage (0-5V, 0-10V)
G478	Isolator	Frequency	2 Hz to 10 kHz	EG8	DC Current (0-1 mA, 0-20 mA, 4-20 mA)
WV905	Power Supply	AC Power	100 to 240 VAC; 50 to 60 Hz	17.5mm	24 VDC @ 500 mA

*Requires 18-30VDC power supply

**1 to 5AAC range requires C006 0.1Ω shunt