

PLUG IN ALARM INTEGRATORS

TYPES: 11WA8 - 8 INPUTS

■ FEATURES

- 11 pin plug in
- High performance
- An economical solution

■ DESCRIPTION & MODE OF OPERATION

Often in the design of a control system the requirement to provide a "common" alarm signal to say drive an audible alarm or signal a BMS system is required.

The 11WA8 alarm integrators is a single module. The integral electronics ensures that each input is electrically isolated from each other, thus preventing feedback from occurring between inputs. This construction enables a single unit to effectively monitor many different circuits and/or sensors and provide a common alarm output. Indicator lamps may also be connected to each input to show an display the alarm source. To increase the number of alarm ways units can be linked together to facilitate this, the alarm output contacts will require to be wired out in parallel from each unit.

The alarm output is a volt free N/O relay output. The alarm integrators are available in various input voltages. However, a mix of input voltages on one unit is not possible and in all cases the input signals must be derived from the same source, with AC versions also derived from the same phase.

The alarm integrators use very high voltage tolerant components, such as avalanche diodes. Avalanche diodes are especially suitable for withstanding high voltages.

■ SPECIFICATIONS

Voltage tolerance:	±15%
Operating temperature:	-20°C to +40°C
Outward contact:	5Amps/250VAC

■ CONNECTION DETAILS

Pins 1-8:	Alarm signal inputs (for DC +V signals required)
Pin 10:	Common neutral or with DC 0V
Pins 9 & 11:	Normal open alarm contact

■ ORDERING INFORMATION

11WA8/Volts:	8 inputs 1N/O output
Voltages:	12VDC, 24VACDC, 48VACDC, 110VAC, 230VAC

