

# ALARM INTEGRATORS

**TYPES: YWRICD 8 INPUTS, YWA9 9 INPUTS, YWA15 15 INPUTS  
11WA8 8 INPUTS (11 pin plug in)**



## FEATURES

- Din rail mounted & 11 pin plug in versions
- Choice of input ways
- High performance

## DESCRIPTION & MODE OF OPERATION

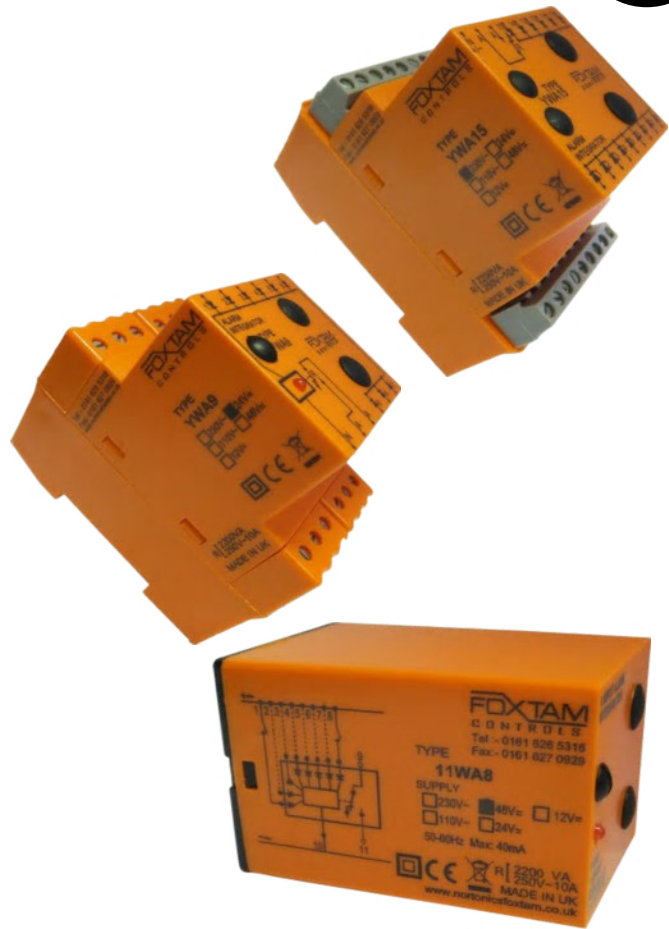
Often in the design of a control system the requirement to provide a “common” alarm signal to say drive an audible alarm or signal a BMS system is required.

Alarm integrators are single modules available in a number of input ways. 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 and 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 relay output. The YWRICD is a 1C/O output, whilst the YWA9, YWA15 11WA8 are 1N/O 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.

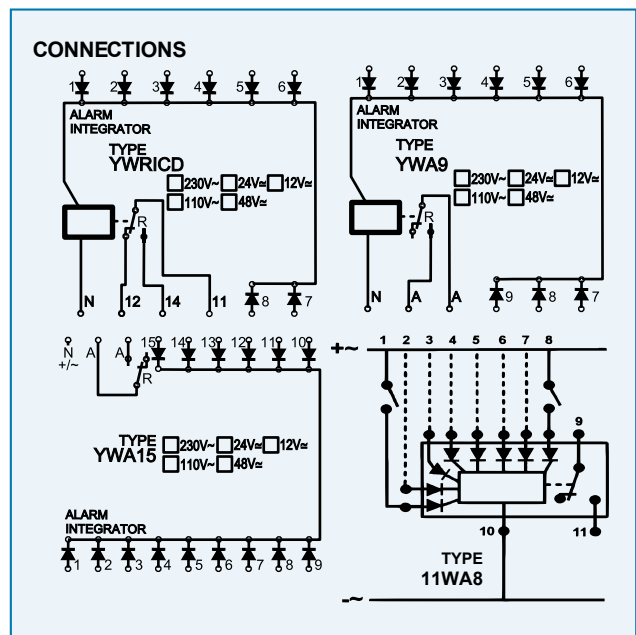


## SPECIFICATIONS

Voltage tolerance:	± 15%
Operating temperature:	-20°C to +65°C
Outward contact	
YWRICD & 11WA8:	10Amps/250VAC 1Amp/50VDC
YWA9 & YWA15:	5Amps/250VAC
Housing material:	Polycarbonate, Auto extinguishable to UL 94 V-0

## CONNECTION DETAILS

<b>YWA9 &amp; YWA15:</b>	
Terminals (1-9), (1-15):	Alarm signal inputs (for DC +V signals required)
Terminal N:	Common Neutral or with DC 0V
Terminals AA:	Normally open alarm contact
<b>YWRICD:</b>	
Terminals 1-8:	Alarm signal inputs (for DC +V signals required)
Terminal A2:	Common Neutral or with DC 0V
Terminal 11:	Common of C/O relay output
Terminal 12:	Closed of C/O relay output
Terminal 14:	Open of C/O relay output
<b>11WA8:</b>	
Pins 1-8:	Alarm signal inputs (for DC +V signals required)
Pin 10:	Common neutral or with DC 0V
Pins 9 & 11:	Normally open alarm contact



## ORDERING INFORMATION

TYPE	DESCRIPTION
YWRICD/Volts:	8 inputs 1 C/O output
YWA9/Volts:	9 inputs 1 N/O output
YWA15/Volts:	15 inputs 1 N/O output
11WA8/Volts:	8 inputs 1 N/O output
Voltages:	12VACDC, 24VACDC, 48VACDC, 110VAC, 230VAC