

## DePro™ Fuse Monitors



- Monitors up to 8 fuses or circuit breakers and provides an alarm if one or more fails
- Compact, requires just 27mm of DIN rail
- Plug and socket connections
- 2 versions available - 24Vdc and 120Vac
- 1 form C relay contact output
- Class 1, Division 2 certified

Traditionally LED indicators in fuse terminals are used to indicate a blown fuse. This works fine when you have the doors of the control cabinet open and may be all that is required. However, if you want a blown fuse or tripped circuit breaker to provide a signal to the control room, or a display on the outside of the cabinet, then these modules are the perfect solution. They monitor up to 8 devices and provide a 1 form C (SPDT) relay contact to indicate a failure.

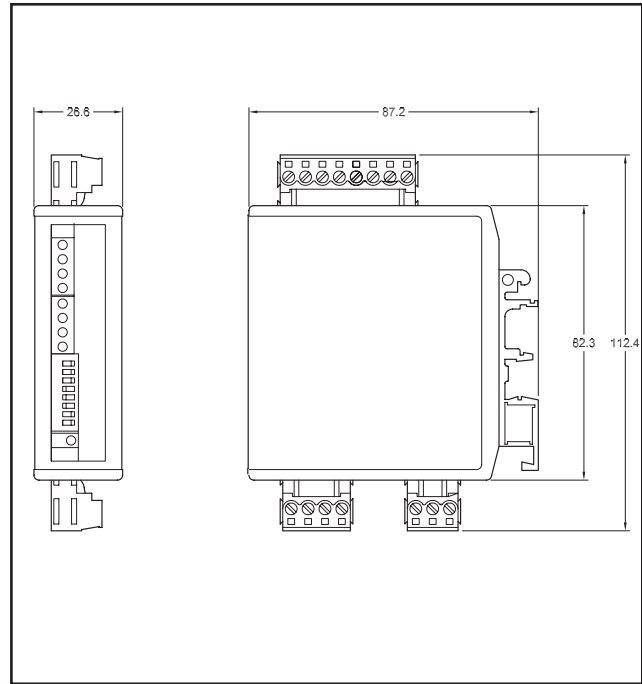
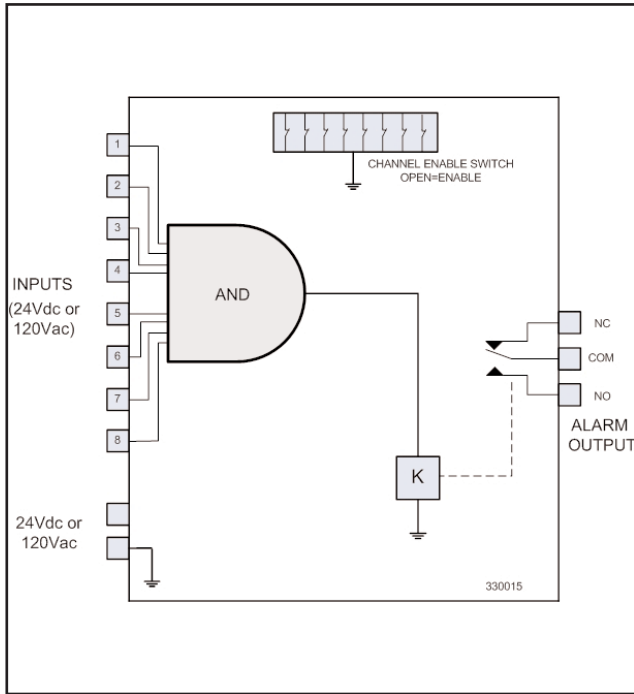
The modules operate as a logic AND device. If all 8 inputs are energized the output relay is energized. If one or more input is lost the relay switches off. If the application calls for less than 8 inputs then the unused channels are simply bypassed by using a DIP switch – no need to jumper the unused channels.

Two versions are available – one for 24Vdc applications and one for 120Vac applications. The modules are powered

from the same voltage as they are monitoring meaning no auxiliary supplies are needed. All connections are via plug and socket connections for easy installation. The compact package requires just 27mm of DIN rail and can be mounted on 15mm, 32mm or 35mm rails.

### Ordering information

24Vdc catalog number **330015**  
120Vac catalog number **330042**



## SPECIFICATIONS

	DePro™ Fuse Monitor	DePro™ Fuse Monitor
<b>Catalog number:</b>	<b>330015</b>	<b>330042</b>
<b>Input voltage, nominal (min/max):</b>	24Vdc (15/29)	120Vac (96/144)
<b>Current @ Vnom:</b>	8mA	6.5mA
<b>Supply voltage, nominal (min/max):</b>	24Vdc (19/29)	120Vac (96/144)
<b>Current @ Vnom:</b>	20mA	10mA
<b>Output configuration:</b>	1 form C (SPDT)	
<b>Voltage- max:</b>	30Vdc, 230Vac	
<b>Current - max:</b>	5A	
<b>Response time (approximate):</b>	<20ms	<50ms
<b>Input protection:</b>	Reverse polarity	Overvoltage (MOV)
<b>Temperature</b>	<b>-operating:</b> <b>storage:</b>	-20 to +60°C -40 to +70°C
<b>Terminations</b>	<b>-pitch:</b> <b>-wire size:</b> <b>-torque:</b>	5.08mm 22-12 AWG (0.5-2.5mm) <sup>2</sup> 0.4-0.5Nm
<b>Packaging</b>	<b>-flammability:</b> <b>-mounting:</b>	UL94 V2 15, 32, 35mm DIN rail
<b>Approval:</b>	LISTED (UL508, CSA C22.2 No.14-95) E256770 cCSAus (CSA C22.2 No. 213 -M1987, ANSI/ISA - 12.12.01-2007) Groups A, B, C, D, temp code T4A.	