EMPHATEC!
emphasis on solutions

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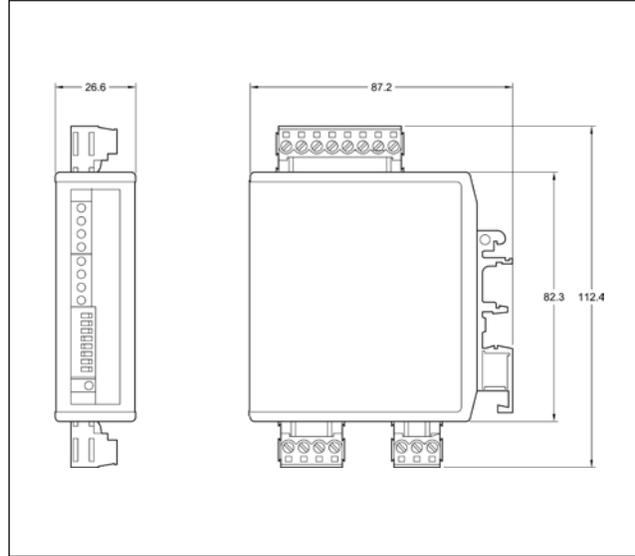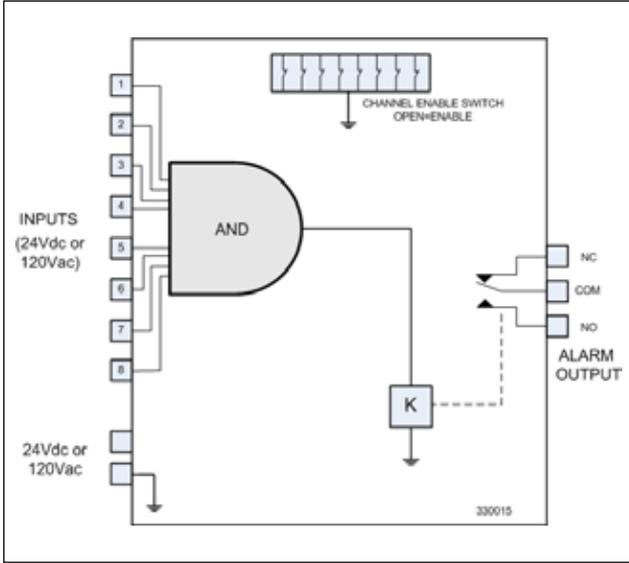
Two versions are available – one for 24Vdc applications and one for 120Vac applications. The modules

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
Catalog Number	**330015**	**330042**
Input voltage, nominal (min/max):	24Vdc (15/29)	120Vac (96/144)
Current @ Vnom.:	8mA	6.5mA
Supply voltage, nominal (min/max)	24Vdc (19/29)	120Vac (96/144)
Current @ Vnom.:	20mA	10mA
Output configuration:	1 form C (SPDT)	
Voltage- max:	30Vdc, 230Vac	
Current - max:	30Vdc, 5A 125Vac, 5A 250Vac, 2A	30Vdc, 10A 250Vac, 10A
Response time (approximate):	<20ms	<50ms
Input protection:	Reverse polarity	Overvoltage (MOV)
Temperature -operating: -storage:	-20 to +60°C -40 to +70°C	
Terminations -pitch: -wire size: -torque:	5.08mm 22-12 AWG (0.5-2.5mm)^2 0.4-0.5Nm	
Packaging -flammability: -mounting:	UL94 V2 15, 32, 35mm DIN rail	
Approval:	c(UL)us LISTED (UL508, CSA C22.2 No.14-95) E256770 cCAus (CSA C22.2 No. 213-M1987, ANSI/ISA - 12.12.01-2007) Groups A, B, C, D, temp code T4A	