

SAFE
Select™

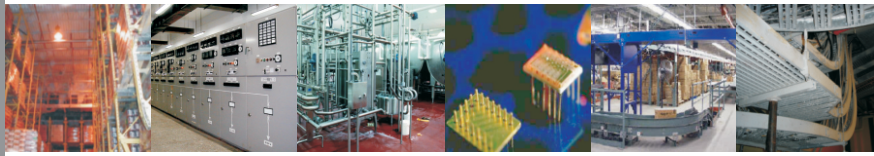


Early Warning Linear Overheat Detection



Early Warning Linear Overheat Detection

- Any Panel
- Addressable
- Conventional



Early Warning Linear Overheat Detection

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SafeSelect is a new advanced linear overheat detection system that gives you multiple alarms and multiple temperatures all from a single cable. SafeSelect is a single advanced early warning linear overheat detection cable and interface unit designed to allow you to select from multiple alarm temperatures which can offer you earlier detection of an overheat condition. This extra time can safeguard your valuable equipment from damage.

The interface unit monitors the sensor cable whose resistance changes as a function of temperature. An abnormal change in resistance along the heat detection cable triggers a Pre-Alarm and Alarm based on the temperature you select. SafeSelect automatically adjusts to day/night and seasonal temperature changes. SafeSelect is designed to be simple and easy to install and is commissioned using a built-in self programming.

SAFE Select™

130°(54°C)
150°(64°C)
160°(72°C)



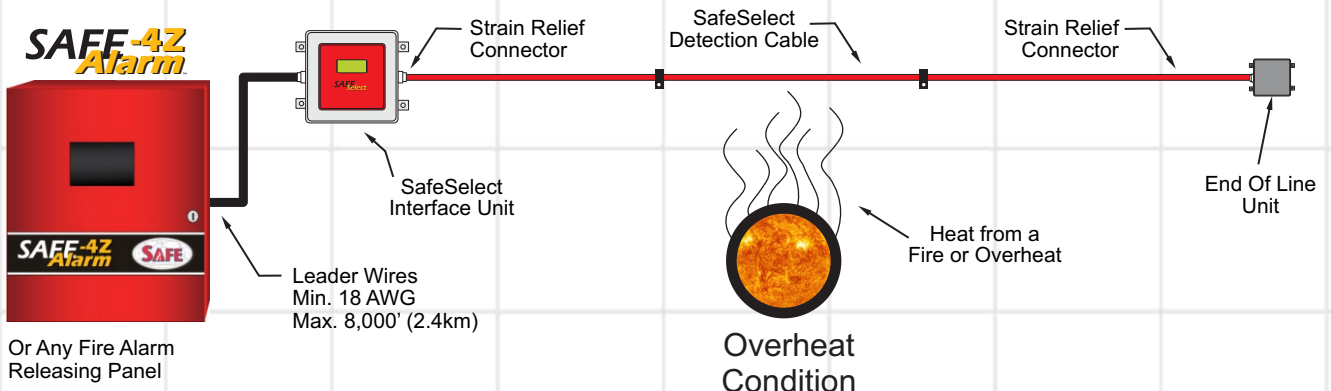
175°(79°C)
185°(86°C)
212°(100°C)

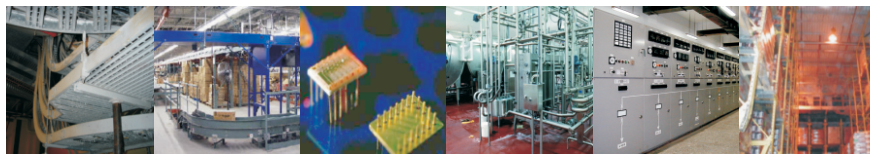


One Cable
“You” Select The Temperature

APPLICATIONS

- Freezers
- Bearings
- Conveyors
- Escalators
- Cable Trays
- Cooling Towers
- Floating Rooftops





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FEATURES **SAFE** *Select*

- **Selectable Alarm Temperature**
- **Push Button Programming**
- **Pre-Alarm and Alarm Levels**
- **Self-Restorable**
- **Early Warning**
- **Compatible with Any Panel**
- **Up to 1640ft. (500m) per Zone**

■ Activation Temperatures

Maximum Ambient Temperature	Available Action Temperature
Up to 68°F (30°C)	130°F (54°C)
Up to 113°F (47°C)	150°F (64°C), 160°F (72°C) Prealarm, 160°F (72°C) Alarm, 175°F (79°C)
Up to 158°F (69°C)	185°F (86°C) Alarm, 200°F (93°C) Prealarm, 212°F (100°C) Alarm

■ Specifications

Construction:	Overall Insulated, 4-Core
Insulation:	1kV Tested Protective Outer Coat
Additional Insulation Options:	NXT or Polypropylene
Approvals:	UL, CE, RoHS Compliant
Maximum Zone Length:	1,640ft (500m)
Wire Overall Diameter:	0.177" ± 0.005" (4.50mm ± 0.12mm)
NXT/Polypropylene Coated Diameter:	0.206" ± 0.005" (5.25mm ± 0.12mm)
Maximum Bend Radius:	2" (50mm)
Ambient Temperature Range:	-40°F - +194°F (-40°C - +90°C)
Restorable After Fire Event:	Up to 275°F (125°C)
Voltage Rating:	30Vac, 42Vdc



The Technology Behind Early Warning Linear Overheat Detection

SafeSelect Early Warning Linear Overheat Detection technology is based on a pair of sensors coated in a heat sensitive polymer whose resistance changes as a function of temperature. A commissioning cable and average ambient temperature sensor wire are also twisted with the two temperature conductors. A foil shield and protective outer coating is added for additional protection.

