

Conventional Detection

Advanced Heat Solutions EA323 Series ROR/Fixed temperature heat detectors

EA323 and HD series heat detectors provide an effective solution and fast response in case of intense fires under rapid temperature rise situation. The EA323 series heat detector operates by using a matched pair of thermistors to sense heat.

The EA323 range is classified according to **EN54-5** as Rate-of-Rise and Fixed temperature detectors. Fixed temperature thermistor will respond only when the alarm threshold is reached. Rate-of-Rise thermistor measures the rate of increase in temperature.



Approvals



The Range

EA323-2	2-wire ROR/Fixed temperature heat detector
EA323-2L	2-wire ROR/Fixed temperature heat detector with remote LED indicator output
EA323-4	4-wire ROR/Fixed temperature heat detector
EA323-4AR	2-wire ROR/Fixed temperature heat detector with Auto-Reset function

Features and Benefits

- Dual thermistor solution for accurate heat detection
- Common 2 and 4 wire base with EA-318 and SD-325 series
- Dual LEDs for 360° visibility
- Magnet-activated sensitivity test switch
- Easy installation and maintenance

Specification

Model	2/4 Wire	Heat Sensor Setting	Voltage DC	Startup Current (µA)	Standby Current (µA)	Alarm Current (Max)
EA323-2	2	135°F (57°C)>20°F (6.7°C)/ minute	12~35V	170 µA	42 µA	60mA@24V
EA323-2L	2	135°F (57°C)>20°F (6.7°C)/ minute	12~35V	170 µA	42 µA	60mA@24V
EA323-4	4	135°F (57°C)>20°F (6.7°C)/ minute	12/24V	170 µA	42 µA	36mA@12V 60mA@24V
EA323-4AR	4	135°F (57°C)>20°F (6.7°C)/ minute	12/24V	170 µA	42 µA	36mA@12V 60mA@24V

Max Mrs. Rippi	25% of DC input
Rate-of-Rise	>20°F (6.7°C)/minute
Operating Temp.	+32°F~100°F (0°C~38°C)