

MICRO119 Product Specifications

Automatic fire extinguishing products for small enclosures and outlets

This document describes product dimensions, operating conditions, applications and installation requirements. Before installation, check the label and instructions for the actual supplied model.

Patch

Item	Specification
Product name	MICRO119 PATCH
Product category	Automatic fire extinguishing product for small enclosures
Standard dimensions	200 × 100 × 1.5 mm
Rated protection volume	35 L
Activation mechanism	Heat or flame triggers microcapsules to release extinguishing agent
Operating temperature	−40 °C to +40 °C
Activation temperature	100 °C to 120 °C (published tolerance: ±5 °C)
Fire classification	Class A ordinary combustibles / Class B flammable liquids / Class C electrical fires
Installation method	Adhesive attachment
External power and wiring	Not required
Applications	Small internal spaces in indoor distribution boards, electrical panels, control panels and telecom enclosures
Service life	Follow the product label and model-specific instructions

Application and installation requirements

The standard patch has a rated protection volume of 35 L. Assess internal compartments, openings, ventilation and the extinguishing agent distribution path. Do not determine the quantity from enclosure volume alone.

Internal volume (L) = height (cm) × width (cm) × depth (cm) ÷ 1,000. For example, a 40 × 40 × 20 cm enclosure has a volume of 32 L. Confirm model-specific requirements before cutting the product or installing multiple patches.

Outlet and power strip product

Item	Specification
Product name	MICRO119 Outlet and Power Strip Product
Published model	EA-CSF119PATCH
Product category	Automatic fire extinguishing product for small enclosures
Published dimensions	30 × 25 × 1 mm
Activation mechanism	Heat or flame triggers microcapsules to release extinguishing agent
Operating temperature	−40 °C to +40 °C
Activation temperature	100 °C to 120 °C (published tolerance: ±5 °C)
Fire classification	Class A ordinary combustibles / Class B flammable liquids / Class C electrical fires
Installation method	Adhesive attachment
External power and wiring	Not required
Applications	Designated surfaces of compatible plugs, outlets and power strips
Service life	Follow the product label and model-specific instructions

The published outlet dimensions refer to EA-CSF119PATCH. When ordering or installing, check the supplied model, shape and dimensions. The patch product's 35 L rating does not apply to this outlet product.

Installation and maintenance

Isolate power and unplug connected devices. Clean and dry the mounting surface, remove the release liner and press the product firmly onto the designated surface. Keep metal pins, contacts, grounding parts and socket openings unobstructed. Confirm that the plug inserts fully and normally.

During routine equipment inspections, check for lifting, detachment or damage and for nearby overheating or discoloration. Replace activated or damaged products. Do not heat the product with a lighter or heat gun to test activation.

Certification and test documents

Check certificates and test reports against the product model, dimensions and scope of application. This specification sheet does not replace certificates or test reports. Relevant documents are provided separately for the supplied model.

Specification note: temperature ratings, fire classifications and outlet dimensions follow published product information. The published service-life note states a "KFI life period of 5 years". Follow the product label and model-specific requirements for actual replacement timing.

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