

MICRO119 Product Overview

Automatic fire extinguishing products for small spaces

MICRO119 releases extinguishing agent using microcapsules that react to heat and flame. Applied inside electrical enclosures or around compatible outlets and power strips, the products automatically extinguish fires at an early stage.

KCI Co Ltd provides product selection, sample supply and consultation for overseas distribution.



How MICRO119 works

No external power is required. Heat and flame activate the extinguishing microcapsules and release the agent automatically, without the user pressing a button.

The products use adhesive installation. Select the appropriate product and mounting position after checking the enclosure layout, mounting surface and operating environment.

Product range

Product	Typical applications	Selection checks
Patch	Distribution boards, control panels and telecom enclosures	Internal volume, layout and mounting position
Outlet and power strip stickers	Compatible outlets, power strips and plugs	Mounting surface and plug engagement

Use each product within its specified coverage and installation conditions. KCI can advise on selection based on the size and layout of the application.

Fire extinguishing patch

An adhesive patch for automatically extinguishing early fires in small spaces inside electrical enclosures. Typical applications include distribution boards, control panels and telecom enclosures.

Calculate enclosure volume as height × width × depth. For dimensions in centimetres, divide the result by 1,000 to obtain litres. For example, 40 × 40 × 20 cm equals 32 L. Check internal partitions and openings as well as volume when selecting a product.

Outlet and power strip stickers

Compact adhesive stickers for designated mounting surfaces on compatible outlets, power strips or plugs. Applications include office workstations and power connections for IT equipment.

Remove dirt from the mounting surface, peel off the backing and press the sticker firmly into place. Ensure that it does not obstruct electrical contacts or plug engagement. Follow the installation instructions for the product.

Technical specifications

Specification	Patch	Outlet and power strip stickers
Dimensions	200 × 100 × 1.5 mm	30 × 25 × 1 mm
Coverage volume	35 L	Follow product installation instructions
Activation temperature	100–120 °C ±5 °C	100–120 °C ±5 °C
Operating temperature	–40 to 40 °C	–40 to 40 °C
External power	Not required	Not required
Installation	Adhesive mounting	Adhesive mounting

Dimensions and coverage refer to the listed product sizes. Temperature ratings and installation conditions must be read together with the applicable product label, instructions and model specific test documentation.

Before installation

Carry out work inside electrical enclosures under safe working conditions. Check normal operating temperature, surface condition and product suitability. Follow the product label and instructions for inspection, service life and replacement after activation or damage.

Samples and supply

To discuss an application, send photos, enclosure dimensions or the outlet and power strip type, expected quantity and destination country. KCI will advise on product selection, samples and supply terms.

Overseas supply discussions cover product evaluation, sample assessment, quantity, packaging and delivery terms. Pricing and freight are quoted according to order quantity and agreed terms.

Product documentation

Contact KCI for product operation videos and available certificates or test reports. The relevant model and test conditions should match the product being evaluated. Availability of documents required for import is confirmed for each enquiry.

Sales and export enquiries

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