



EF-EN-SCI

SHORT CIRCUIT ISOLATOR



CPR CE



EN54
Certified

Features

- EN54-18 Certified, LPCB approved
- Automatic resetting
- LED Indicator
- Up-to 32 units per isolator zone
- Polarity-insensitive connection
- Electronic addressing

Description

EKAVIS EF-EN-SCI is an intelligent short-circuit isolator designed for use with the EF-EN series of intelligent addressable fire alarm control panels. It enhances system reliability by automatically isolating short-circuit faults on the loop while allowing unaffected devices to continue normal operation. The isolator ensures stable communication across the loop and minimizes the impact of wiring faults, making it suitable for demanding installations where system continuity is critical.

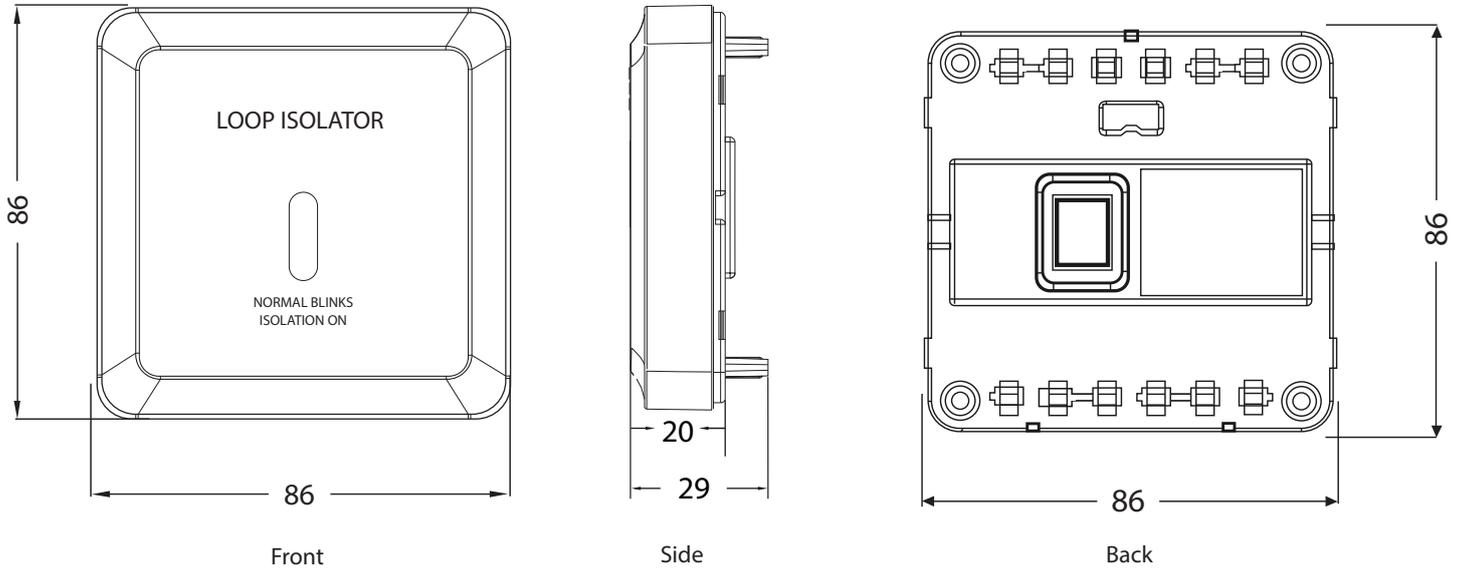
EKAVIS EF-EN-SCI automatically restores the isolated section once the fault is cleared, ensuring consistent system performance with minimal interruption. Its polarity-insensitive wiring, automatic reset functionality and clear LED indication streamline installation and maintenance. Supporting up to 32 devices between isolators, the unit provides robust loop segmentation and dependable fault containment for modern life-safety systems.

Technical Specification

| | |
|-----------------------|--|
| Standard | EN54-18 |
| Operating Voltage | 24V(18V~28V) |
| Standby Current | <0.8mA |
| Alarm Current | <5mA |
| Fire LED | Red LED flashes in normal mode and stays on during alarm |
| Programming Mode | Electronically addressed |
| Address Range | One address within 1~324 |
| Wiring | Polarity-insensitive two-wire |
| Capacity | 32 Devices |
| Operating Temperature | -15°C to +60°C |
| Humidity | ≤95% (non-condensing) |
| Enclosure | PC+ABS |
| Dimension | 86mm×86mm×41mm (with base) |
| IP Rating | IP43 |
| Approximate Weight | 122 g (with base) |



Appearance and Dimensions (mm)



Ordering Information

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|-----------|------------------------|
| EF-EN-SCI | Short Circuit Isolator |
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Accessories

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|-------------|-----------------------------|
| EF-EN-SCI-B | Short Circuit Isolator Base |
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