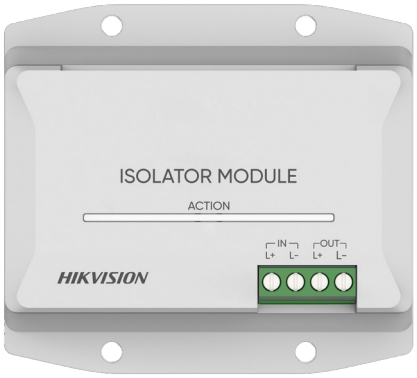
HF-AIM1
Isolator Module



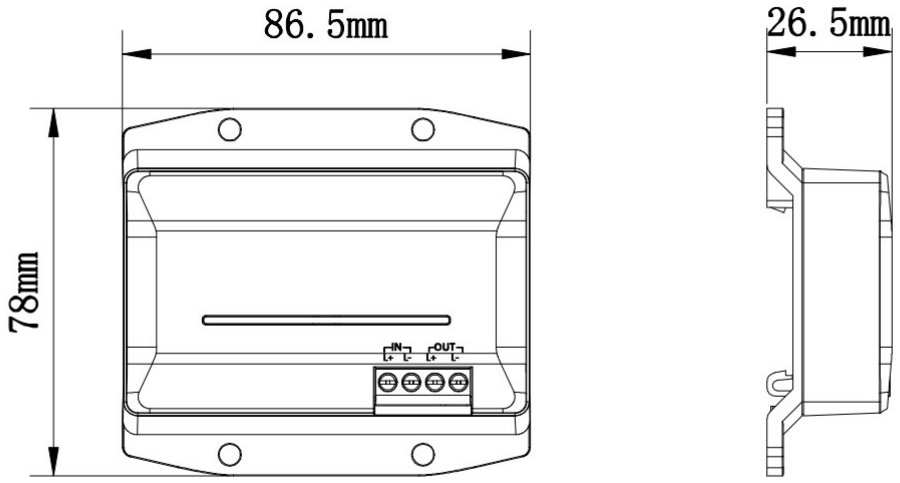
The short circuit isolator is a device in the loop bus of a fire alarm system. It is connected to the loop bus and can protect the loop. The ring or tree wiring method can be used. When a short circuit occurs at a certain position on the bus, the two sides of the bus isolator can actuate to isolate the faulty line and ensure the normal operation of other devices in the system.

- Nonpolarity two bus, convenient for construction wiring, avoiding equipment failures caused by incorrect connections.
- Simple and convenient installation via the all-in-one structure design.
- User-friendly interactive design with clear indicator lights on the front shell.
- Ring and tree topology bus short-circuit protection is available to improve system reliability.

▪ Specification

Bus Parameters	
Wiring requirements	Support ring and tree, max. distance 3000m
General	
Operating Environment	-10 °C～55 °C
Monitor Current	≤ 100 μA
Main Power Supply	DC 24 V （DC 18 V～DC 28 V）
Indicator	1, Red
Operating current	≤20mA
Weight	60 g
Product Dimension	L 86.5 mm × W 78 mm × H 26.5 mm

▪ Dimension



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