Fire repeater panel (EN 54)

Fire repeater panel connects to the SLC loop of the fire alarm control panel to display fire event messages within its designated coverage area. Upon activation, it simultaneously activates audible and visual alarms.

· Certificate: ISO
· Standard: EN 54-2
· Feature: 4-wire, addressable, LED indicator
· Material: ABS or steel housing
· Temperature: 0°C to 40°C
· Humidity: 0% to 95%, non-condensing
· Installation: Surface mounting

Available size

Type	Input power	Standby current	Alarm current	Display capacity	Dimension W x H x D (mm)	Ref. No.
Characters, LCD	24 VDC, loop and PSU	1.0 mA	1.2 mA	Zone display	180 x 110 x 44	AE0401 (ISO)
Graphic, mimic	24 VDC, loop and PSU	1.0 mA	1.2 mA	Max 256 alarm points	394 x 275 x 68	AE0402 (ISO)

Loop relay module (EN 54)

Loop relay module is typically installed in areas with strong electromagnetic interference (EMI) or where the loop communication distance requires extension. It enhances signal transmission range and improves communication quality.

· Certificate: ISO
· Standard: GB 16806
· Feature: 4-wire, short circuit protection
· Material: Steel enclosure, grey
· Temperature: -10°C to 50°C
· Humidity: 0% to 95%, non-condensing
· Installation: Indoor, fixed by screws

Available size

Operating voltage	Operating current	Relay distance	Capacity	Dimension W x H x D (mm)	Ref. No.
24 VDC, loop and PSU	500 mA	< 1000 m	Max 254 devices	121 x 188 x 40	AE0501 (ISO)

Note: The extended loop is tree bus, not ring bus. And max 3 modules can be in parallel connection, with communication distance max 4000 m.