



DESCRIPTION

The Analog Loop Unit (ALU) provides the 7200 Series Fire Alarm Control panel with the ability to communicate with analog addressable initiating devices and control points. It mounts in any available module position.

Each ALU provides two (2) signaling line circuits, each of which can be wired similar to NFPA Style 6 or 7 (Class “A”) or Style 4 (Class “B”). Each of these circuits can address up to 197 points, (99 analog sensors and 98 monitor/control points for a maximum of 394 points per ALU. Up to fifteen (15) ALU units can be accommodated by one 7200 Series control panel.

Each signaling line circuit also monitors the sensitivity and automatically tests all connected analog smoke sensors. The drift compensation software of each ALU unit overcomes the effects of aging or environment on sensor sensitivity, providing a dependable alarm threshold. “Dirty” and “Very Dirty” indications are made when the sensor drifts beyond acceptable limits. Sensors can automatically change sensitivity within a specific time to be matched to their real-life environment. Signal processing for alarm verification is also available to provide a greater immunity to false alarms.

The ALU signaling line circuits each have a red “ALARM” LED and a yellow “TROUBLE” LED, along with a circuit “DISCONNECT” user switch, for individual circuit control and programming functions.

A pluggable terminal block is provided with each unit for the connection of field wiring. This block will accommodate wire sizes up to 12 AWG.

The ALU will accommodate FCI approved, UL Listed and FM Approved model ASD-I, ASD-P, ATD series sensors, AMM series monitoring modules, and AOM series control modules.

The ALU unit occupies a full-size space in the cabinet.

TECHNICAL INFORMATION

Voltage	24 VDC (nominal)
Supervisory current	0.065 amp. maximum (supervisory)
Alarm current	0.085 amp. (alarm)
Short circuit current	0.75 amp. max. (short circuit)

ORDERING INFORMATION

Part No.	Model	Description
1120-0503	ALU	Analog Loop Unit