AS1054-00
SINGLE SLC LOOP EXPANDER

Description

The model AS1054-00 SLC Single Loop Expander is a single loop expander board that increases the standard Supreme RS loop capacity from 1 to 2 loops. The AS1054-00 can be added at the factory or installed in the field, and mounts within the main control board location as a piggy-back board. By adding the AS1054-00, the Supreme RS capacity is increased from 127+127 to 254+254 digital analog addressable points within the overall 800 address/ sub-address limit. The AS1054-00 has the same functionality as the built-in SLC loops.

Specifications

Operating Voltage	24 - 40VDC
Board Current	75mA (+ loop current)
Loop Current	400mA max. each
System Capacity	Single Loop expander per Supreme RS
Devices per loop	127 sensors/modules + 127 digital analog sounder bases, 254 total
Loop Load impedance	50 ohms, 1uF, 1mH max.
Size	6.3" L x 4.5" W

Standard Features

• Adds one SLC loop to a single loop Supreme RS control panel
• Each SLC loop is capable of 127 sensors/ modules, plus 127 digital analog sounder bases, for a potential total of 254 addresses per loop (127+127 per loop)

• AS1054-00 can be added at the factory or installed in the field
• Supports Class A and B wiring methods per NFPA72 Styles 4, 6, and 7 (with isolators)
• Fully supervised & power limited SLC loops
• Same functionality as built-in SLC loops of Elite RS control panel
• One SLC expander (maximum) may be added per Supreme RS control panel
• Each SLC loop is completely independent and autonomous
• Uses standard wire, no shielded or twisted pair required on SLC loops