

S758

Dual Loop Card



Description

Each Dual Loop Module provides control and connection of detection loop circuits for the Taktis Fire Alarm Control Panel. All versions of the Panel must contain at least one Dual Loop Module.

The Dual Loop Module monitors loop device status and communicates with the Panel processor. The Dual Loop Module can be connected in available Panel card slots on the main or extension board to provide operating functions. It holds device configurations and operates in a standalone manner if necessary.

Features

- Each card provides two monitored detection loops
- Up to 4 modules can be installed to provide 8 detection loops on the standard Taktis Panel
- Up to 8 modules can be installed to provide 16 detection loops on the larger Taktis Panel
- Each Dual Loop Card can support either Hochiki or Apollo protocols. (Set by panel configuration)
- Simple 'plug-in' installation
- On board LED status indicators
- Loop card address set by DIP switch
- Short circuit isolation onboard
- Autonomous device monitoring and basic fire reporting (fail safe) mode if the main panel display fails
- Provides up to 500mA detection loop current
- EN54-13 partial fault monitoring

Specification

Product Code	S758
Supply Voltage	21 - 30V DC
Standby Current	80mA
Output Voltage	36V DC
Output Current (max.)	500mA
Input Connection	Loop in (+/-) / Loop out (+/-) via control panel screw terminals
Taktis Connectivity	Slot 'C-F' 2-8 Loop Panel. Slots 'G-K' 2-16 Loop Panel
Protocols	Apollo S90 XP95, Discovery, Explorer / Hochiki ESP
Devices Per Loop	Apollo 126, Hochiki 254 (127 detectors + 127 base sounders)
PCB Size	62.8mm x 234.6mm
Operating Temperature	-5°C to +49°C (+/- 2 ° C)
Operating Humidity	To 95% (non condensing)
Packaged Weight	1Kg