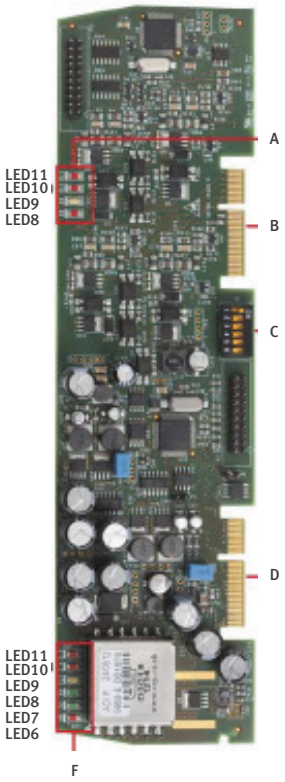
L@titude
Life Safety Platform

K758

Latitude 2 Loop Driver Card



Features

- Provides two addressable loops
- Simple 'Plug and Play' installation
- Monitors loop and device status
- Redundancy built-in

Description

The K758 2 Loop Driver Card provides two addressable loops on the FACP. The card must be fitted in an available slot C through F of the Main Back Board for 2 to 8 loop versions of the panel. On 2 to16 loop versions of the panel where the Extension Board is featured, loop cards can be fitted to slots G through to K.

Up to 4 2 Loop Driver Cards can be fitted to 2 to 8 loop versions of the panel to provide up to 8 addressable loops. Up to 8 2 Loop Driver Cards can be fitted to 2 to16 loop versions of the panel to provide up to 16 addressable loops.

The card also monitors loop device status and provides status to the LCD Main Processor Board. It holds all device configurations and operates in a standalone manner where catastrophic failures occur.

The card talks to other parts of the FACP to maintain the integrity of alarm and fault functions and EN54-2 requirements.

Key	Description	
A	LED 8 through LED 11 provide the following status information:	
	LED 11	Loop 2 off state when LED ON
	LED 10	Loop 1 off state when LED ON
	LED 9	Fault status for Processor 2
	LED 8	Heart Beat for Processor 2
B	Edge connector for termination at slot C, D, E and F of the Main Back Board and slots G, H, J	
C	Six-position DIP switch S1 for setting the RS485 bus address of the circuit board.	
D	Edge connector for termination at slot C, D, E and F of the Main Back Board and slots G, H, J	
E	LED 6 through LED 11 provide the following status information:	
	LED 11	Output Active LED flashes red to indicate that the output is active transmitting data.
	LED 10	Input Active LED flashes green to indicate that the input is active receiving data.
	LED 9	Fault flashes yellow to identify an error condition.
	LED 8	Tx Comms flashes green to identify transmitting data to other system cards.
	LED 7	Rx Comms flashes green to identify receiving data from other system card.