

# HFP AP-2LDC

## HFP Latitude 2 Loop Driver Card

### Description

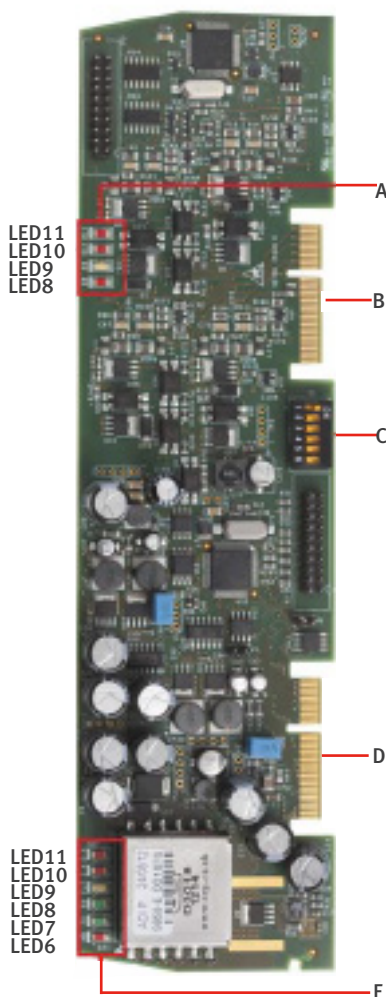
The Dual Loop Module provides two addressable loops on the FACP. The Dual Loop Module must be fitted in an available slot C through F of the Main Back Board for 2 to 8 loop versions of the panel. On 2 to 16 loop versions of the panel where the Extension Board is featured, Dual loop modules can be fitted to slots G through to K.

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

The Dual Loop Module monitors loop device status and provides status to the LCD Main Processor Board. It holds all device configurations and operates in a stand-alone manner where catastrophic failures occur.

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

The figure below illustrates the Dual Loop Module of the FACP:



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.

\*Please contact technical support for more information surrounding current compliance's and availabilities