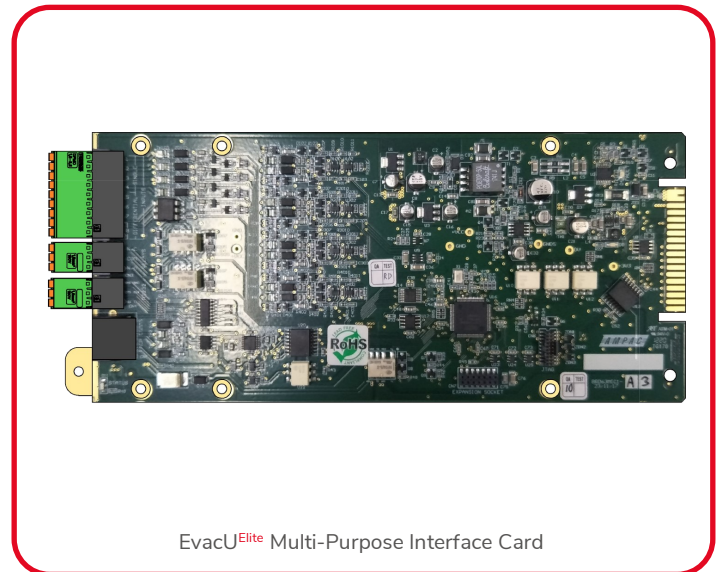


Fire detection and evacuation solutions that save lives.

EvacU^{Elite} Multi-Purpose Interface Card (MIC)

- ✓ Occupies one slot in the EvacU^{Elite} Universal Rack.
- ✓ Provides 8 supervised inputs.
- ✓ Provides 2 relay outputs.
- ✓ Used for FIP interface requirements.
- ✓ Provides a high-level interface to the Ampac FireFinder^{PLUS} Add On Bus.
- ✓ Up to 16 MIC boards may be configured into one Universal Rack (e.g. providing 128 hard contact inputs).



Product Overview

The Multi-Purpose Interface Card (MIC) occupies one slot in the EvacU^{Elite} Universal Rack Frame.

Provides eight supervised inputs, two relay outputs and a high-level interface to the Ampac FireFinder^{PLUS} Add On Bus. See below:

Inputs 1, 2, 3, & 4	Single ended inputs, common floating reference (max 30VDC) with selectable EOL (3K3, 4K7, 10K)
Inputs 5, 6, & 7	Differential inputs, individual floating reference (max 30VDC) with selectable EOL (3K3, 4K7, 10K)
Input 8	Differential input, with floating reference (max 30VDC) with fault feedback (user selectable resistance)
Relay 1 & 2	Single pole, double throw (COM, NO, NC), 48 VDC/30VAC, 0.5 A @30VAC
Serial	RS232C serial port, with CTS and RTS available. Currently unused
FACP	Add On bus connection to the Ampac FireFinder ^{PLUS}

Specifications

Differential Input with Fault Feedback	1 Available, with 10 kΩ EOL Monitoring, Floating Reference (Max 30 V DC) with Fault Feedback (User Selectable Resistance)
Differential Inputs	3 Available, with 10 kΩ EOL Monitoring, Individual Floating Reference (Max 30 V DC)
Single Ended Inputs	4 Available, with 10 kΩ EOL Monitoring, Common Floating Reference (Max 30 V DC)
Relay Outputs (VFC)	2 Available, Max Voltage 48 V DC / 30 V AC, Max Current 1 A @ 30 V DC, 0.5 A @ 30 V AC
No. of Rack Slots	1
Current Consumption	44 mA @24 V DC (Quiescent)

Item Numbers

6350-MIC	Multi-Purpose Interface Card
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