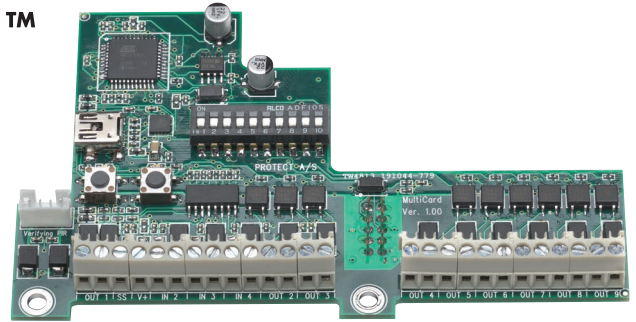
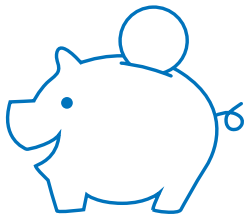


# MultiCard™

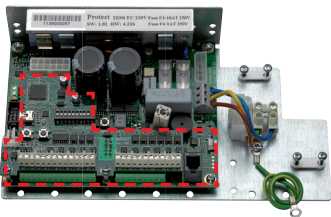


Add various useful functionalities to the fog cannon. E.g. 9 extra output signals for precise and separate identification of the output signals. And input for reliable and simple panic button solution. MultiCard saves end users and installers valuable time and money during, and after installation.



## Save time and money

PROTECT MultiCard can save the end users and the alarm installers a lot of time and money.



## Quick installation

MultiCard is an add on expansion board which can be mounted easily in only a few seconds.



## Upgrade the fog cannon with MultiCard

MultiCard works in all PROTECT Fog Cannon (except Xtratus).

### Features:

- 9 extra independent outputs (13 in total): It is now possible to separate the various fault conditions. This saves time and money as the control center can identify the exact fault before ordering a service call
- Easy, simple and reliable panic button functionality for immediate activation, used in robbery situations (overrides all alarm signals)
- Easy fog elimination by push-button while safely powering down the alarm system before service
- Testing and/or priming the pump of the fog cannon by push-button
- Unique ATM protection mode on PROTECT 600i, 1100i and 2200i
- USB-connector in case a change of software is required
- A set of dipswitches for easy set up and configuration of the fog time settings (large projects - requires individual programming)
- The MultiCard can be used in all PROTECT models in seconds (except Xtratus)

### Specifications:

#### Input:

Type: Optically isolated Bidirectional DC input

Activation level (guaranteed ON): 7 - 30VDC (Max)

Not activated (guaranteed OFF): 0 - 1VDC

Current: 2mA@12V, 4mA@24V

IN-SS: Activates "blocking mode" when connected to gnd on mainboard

IN-2: Panic button

IN-3: Disable (this disable input allows panic function to work - will not turn off the heat)

IN-4: No function

#### Output:

Type: Optically isolated Bidirectional output

Overload protected solid state relay

Max Rating: 120mA continuous / 30VDC (20VAC)

ON resistance: Typical 28 Ohm (Max 35 Ohm)

OUT-1 E16: Panic release active

OUT-2 E1: Mains voltage lost

OUT-3 E3: Fire alarm active or E16: Panic not released

OUT-4 E4: Battery voltage low or E5: Bat charge timeout or E6: Bat loadtest fail

OUT-5 E7: Board temp high or E8: Board temp low or E14: Bat test circ fail

OUT-6 E9: Temp term high

OUT-7 E10: Temp term low

OUT-8 E12: Pump timeout

OUT-9 E13: Aux 12V overload

**IMPORTANT NOTICE!** The MultiCard will not operate with fog cannon units using software versions before version 2.50.

Different software features are available, depending on the software version of the fog cannon and the software version of the MultiCard. See notes on this for each individual program function listed in the manual.

Printing errors excepted. Subject to changes to technical data.



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