

### Application

The FSKN is an addressable testing module that meets the NFPA 80 and NFPA 105 life safety damper remote testing requirements. The module interfaces with a control signal via BACnet or Modbus to test and monitor the position of the damper and replaces traditional remote testing methods and accessories. The FSKN is not intended as a safety device or for use with smoke control systems.

### Features

- Complies with NFPA 80 and 105 periodic testing requirement
- Communication via BACnet MS/TP and Modbus RTU (RS-485)
- Testing and status reporting initiated by a single command
- AC 120V (FSKN120-BAC) or AC 24V, DC 24V (FSKN24-BAC)
- Factory mounted or ship loose for field installation
- If factory mounted, damper heights 12 in. (305 mm) and under will be offered with pigtail assembly with 2 feet (610 mm) of conduit and shipped loose for field installation. Final mounting position determined during installation.

#### Electrical Data

|                       |                                                             |
|-----------------------|-------------------------------------------------------------|
| Voltage               | AC 120V or<br>AC/DC 24V                                     |
| Voltage frequency     | 50/60 Hz                                                    |
| Power Consumption DC  | 0.4W                                                        |
| Power Consumption AC  | 0.4VA                                                       |
| Electrical Connection | Screw terminal for 18 ga. wire - use copper conductors only |

#### Data Bus Communication

|                  |                                |
|------------------|--------------------------------|
| Protocol         | BACnet protocol<br>revision 14 |
| Firmware version | 1.0.4                          |

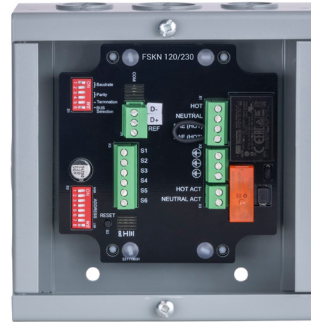
#### Functional Data

|                       |                            |
|-----------------------|----------------------------|
| Communication control | BACnet MS/TP<br>Modbus RTU |
|-----------------------|----------------------------|

#### Safety Data

|                     |                                  |
|---------------------|----------------------------------|
| IEC/EN protection   | IP10                             |
| NEMA/UL protection  | NEMA 1                           |
| Listing             | cULus 60730<br>BTL certified     |
| Ambient humidity    | max. 95% RH,<br>non-condensing   |
| Ambient temperature | -4° to 122°F<br>(-20° to 50°C)   |
| Storage Temperature | -40 ° to 176°F<br>(-40° to 80°C) |

**Note:** The FSKN is not to be used in smoke control systems for any safety function, it is not UL 864 UUKL listed. It is an interface for testing containment dampers per Chapter 7 of the IBC and IFC. Use the FSKN with spring return closed dampers only.



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