BEMF / MSI
Movement Sensing Interlock

Typical Application
The BEMF and MSI units are designed to control access to machinery that have variable run-down times.

Current applications include:
- Mixers
- Blenders
- Hammermills
- Centrifuges
- Pellet Mills
- Size Reduction Mills
- Other Motor-Driven Equipment

Your Advantage

Increase Productivity
No waiting time as with time delays.
Gain entry the second the machine stops.

Prevents Access to Hazardous Areas
When the electrical motor of the machine is turning, the key to the BEMF cannot be removed to unlock the machine’s door.
Operation

Easy to Install
The BEMF and MSI units come with an easily mounted IP65 enclosure.

Fits to Any Motor
The BEMF can detect "EMF" on motors up to 600 Volts. The MSI unit will protect machinery with 500V or higher!

Attributes
- The BEMF measures the back electromotive force generated by the windings of an electric motor. Only when the motor has stopped will electromotive force (EMF) drop to zero and allow the release of the key.
- The MSI relies on the detection of motion via 2 proximity sensors. Only when both sensors detect zero movement will a key be released.

Technical Data

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<tbody>
<tr>
<td><strong>Voltages</strong></td>
<td>24 VDC and 230 VAC, 110 VAC</td>
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<tr>
<td><strong>IP Rating</strong></td>
<td>IP65, NEMA 4 enclosure</td>
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<td><strong>Voltage</strong></td>
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<tr>
<td><strong>Standards</strong></td>
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