

SensingEdge

Applications

- **Commercial Sectional Doors**

About the MC22...

The MC22 pressure sensitive electric edge is custom manufactured to your exact specifications for length-width, height and sensitivity. When touched lightly or at an angle, the MC22 will send an immediate electrical signal to your controls to stop, and/or reverse operations. It is completely flexible and will contour curved surfaces. The MC style sensing edge is extremely versatile. Contact us with your specifications and we will design the best sensing edge for your application.

OPTIONS:

- Extra-sensitive (MC22XS)
- 4-wire configuration
- Pneumatic (MCP22) Air-Wave (MCAW22)
- 4-wire control panel (MFSC-100)
- 4-wire intrinsically-safe control panel (FSIS-25-4)
- XR-5 chemically resistant cover for protection against:

kerosene	50% phosphoric acid
diesel fuel	50% hydrochloric acid
JP-4 jet fuel	50% acetic acid
salt water	SAE-30 oil



TECHNICAL SPECIFICATIONS:

Color:	Grey, Black - Top is Grey
Length:	per specification to nearest 1/4
Lead Wire:	SJTO, 18 gauge, 2ft. length or 22 gauge universal
Sensitivity:	nominal 4-7 lbf
Electrical Diagram:	2 wire N.O. configuration
Electrical Maximum:	24 volt AC or DC, 1/2 amp
Mechanical Diagram:	See drawings on reverse side
Contact Element:	Alumaglas®
Materials:	Heavy Duty reinforced PVC
Temperature Range:	-30°F to +155°F
Wire Outlet Location:	Right side, Left side, End

FUNCTIONAL BENEFITS:

- Touch Sensitive signalling
- Easy to Install
- Flexible and will contour to curved surfaces
- Mounts vertically or horizontally



Model # MC22

SensingEdge

Installation

Remove edge from shipping container and lay out flat and straight. Close air valve. Slide edge into accepting channel and wire to operator.

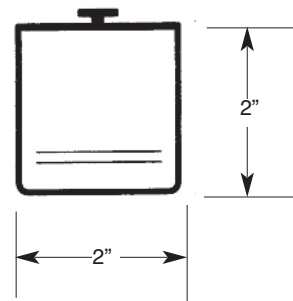
Care of the MC22. . .

Minimal care is required for the MC22 since it is manufactured with only the most durable materials and the highest quality control standards. However, SensingEdges must be examined once per month for cuts or punctures which could damage internal components. With the SensingEdge attached and the door open place a 1" thick wood block on the floor in the door's path at approximately the center of the door. Activate the opener. The door opener must reverse and open the door when it comes in contact with the wood. If it does not, a qualified technician must adjust, repair, or replace the necessary parts. Check wiring to be sure connections are secure. Check reversing mechanism often to assure integrity of operations. When properly maintained, the MC22 offers years of trouble free operations.

Warranty

We will replace within one year of shipment from our factory, any SensingEdge™ subject to normal use which is found to have defective materials or workmanship, as determined solely by our factory representative. Replacements will be shipped to you freight collect. This warranty is void where evidence of misuse or abuse is present.

Mechanical Diagrams:



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