

Guardian Mat®

Model # 151

Applications

- **Perimeter Guarding**
- **Machine Guarding**
- **Area Guarding**



FEATURES:

- Heavy Duty - Impact Resistant
- Available in Ribbed Non-Skid surface
- Flame Resistant • Water Resistant
- Sensitive Edges • No Joining Strips • Custom Shapes
- Optional Aluminum Retainer (Mitered or Straight Corners)

SPECIFICATIONS:

- Outer Material: PVC
- Assembled Mat Thickness: 5/8"
- Color: Black or Yellow
- Lead Wire: 16 AWG, 10ft long
- Electrical Diagram: 4 Wire, N.O.
- Maximum Input: 24 Volt, 1/2 amp AC or DC
- Optional Connectors: Quick Micro Disconnect
- Minimum Sensitivity: 66 lbs (30kg) per 3 1/8" (80mm) dia.
- Cycle Test: 1 Million
- Maximum Width: 36" and 48" Standard - Up to 55" optional
- Temperature Range: -29°C to +70°C (-20°F to 158°F)
- Fire Resistant; Self Extinguishing
- Weathering: 7 Days - No visual change
- Cracking: None - @ 1/4" mandrel at -40°F
- Hardness: 93+/-5 ASTM-D-2240



Black Ribbed Top



Yellow Ribbed Top

Alumiglas® Contact Elements

Blanketed contact elements cover the entire surface virtually eliminating any dead zones in the active area. Alumaglas® will not rust or dent. It is completely flexible enabling it to bounce back from impacts without dents which could damage other rigid contact elements.

WARRANTY:

Miller Edge will replace within 2 years from date of shipment from our factory, any ME151 mat subject to normal use which is found to have defective materials or workmanship, as determined by our authorized factory representative. Replacements will be shipped to you freight collect. This guarantee is void where evidence of misuse is present.



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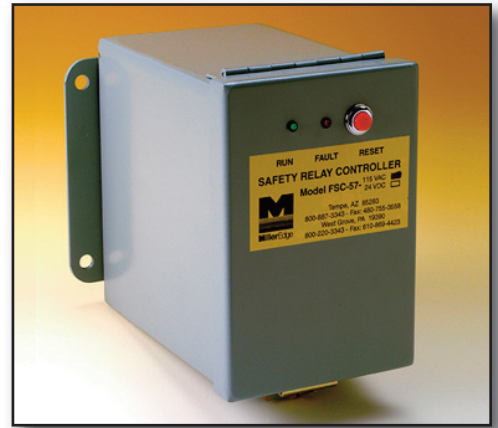


FSC-57 Controller (Din Rail Controller mounted in a NEMA 13 Metal Enclosure)

DESIGN FEATURES:

- Detachable Terminal Blocks
- 5 Input Configurations
(single and dual channel modes hardwire selectable)
- Approved Category 4 Safety device
- 2 LED indicator lights
 - Green for Power
 - Red for Fault

Dimensions: 4 5/16" x 6 5/16" x 6 5/16"



APPROVALS:



RT6 Safety Relay

TECHNICAL SPECIFICATIONS:

Dimensions: 4 3/4" x 1 3/4" x 1 3/4"

Power Supply: Voltage (A1-A2) 24VDC +15/-20%
115 VAC +15/-10% 50-60 Hz

Power Consumption: DC supply, normal voltage 2.3W
AC supply, nominal voltage 5.2VA

Safety Inputs: S14 (+) input 20mA
S24 (0V) input 20mA
S34 (+) input 20mA
S44 (+) input 30mA

Response Time: At Power On DC/AC <90ms/220ms
When activating (input-output) <20ms
When deactivating (input-output) <20ms
At Power Loss <150ms

Relay Outputs: N.O. 3 N.C. 1

Maximum Switching Capacity:
Resistive Load AC: 6A/250 VAC/1500VA
Inductive Load AC: AC15 240 VAC 2 A
Resistive Load DC: 6A/24 VDC/150W
Inductive Load DC: DC13 24VDC 1 A

Maximum Total Switching Capacity:
Resistive Load: 12 A Distributed on all contacts
Maximum Load: 10 mA/10V (if load on contact has not exceeded 100 mA)

Protection Class:
Enclosure: IP 40 IEC 60529
Connection Blocks: IP 20 IEC 60529

Operating Temperature Range: 14°F to 133°F
-10°C to + 55°C (with no icing or condensation)

Operating Humidity Range: 35% to 85%

Certifications: TUV Nord

