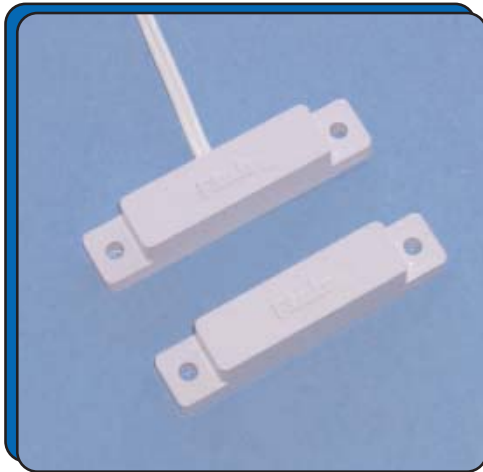


SURFACE MOUNT SPST BALANCED MAGNETIC SWITCH 1000-24SY BMS

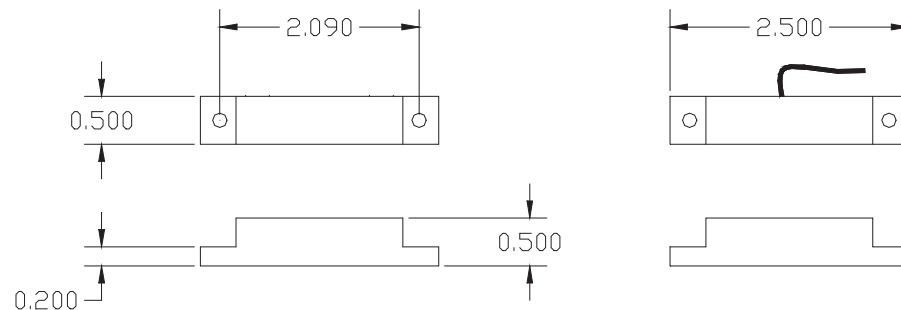


FEATURES:

- * Surface Mount Switch and Magnet
- * 12" #22 AWG Wire Leads
- * Colors: White, Brown and Gray
- * Balanced Magnetic Configuration with Magnetic Tamper
- * Epoxy Potting for maximum resistance to harsh environments
- * Lifetime Warranty
- * Safety Approvals



SWITCH AND MAGNET



PRINCIPAL OF OPERATION: The Flair 1000-24SY BMS Balanced Magnetic Contact utilizes two Form A high reliability Rhodium plated reed switches, one of the two reed switches being of different sensitivity, encapsulated in epoxy inside a recessed mounted fire retardant case. This results in SPST configuration with magnetic tamper. When the rare earth magnet is in place and properly adjusted (balanced), the magnetic tamper switch 2 will be in a state opposite to the switch 1. This normal configuration will change should one of the following occur; (1) switch 1 will change state by either the deliberate shunting of the magnetic field or if the door/window is opened, and (2) the addition of a magnetic field such as an external magnet will cause the magnetic tamper switch 2 to change state.

End-of-line resistors may be used to allow a pre-determined trickle of current to flow and permit operation from a supervised line at all times. Call Flair to request help with specifying the correct resistors. See Installation Instructions for more information

WIRE COLOR CODE BASED ON LOOP TYPE WHEN THERE IS MORE THAN ONE SWITCH AND MAGNET IS PRESENT

		Common	Closed	Open
Loop	Switch 1	Green	Red	
	Switch 2 Magnetic Tamper	Black/White		Blue/White

SPECIFICATIONS

ELECTRICAL:

Circuit:	SPST with Magnetic Tamper
Voltage:	100VDC Max.
Current:	50ma. Max.
Wattage:	10 Max.

MECHANICAL:

Gap	1/4" - 1/2"
Housing	Fire Retardant ABS