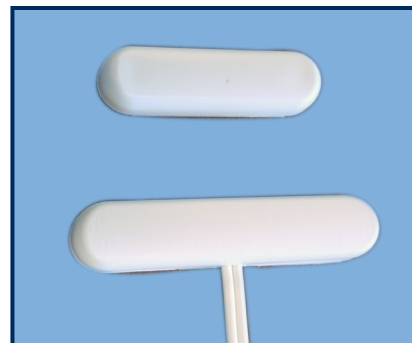


### DESCRIPTION

Nascom's NC235WG Series is an extension of our ground breaking CAP switch. Never drill in windows or doors again. When surface mounted, the smooth rounded edges and ultra-thin profile is aesthetically pleasing. The VENT switch is designed to protect all nonferrous (e.g. wood, aluminum and vinyl) doors and windows, in both residential and commercial settings.

The NC235WG is the installer's choice of contact configuration where the requirements are surface mount and vent capability. To increase the vent distance, add additional magnets. Because of Nascom's NO DEAD SPOT™ technology, you will not encounter a dead spot while venting a window.



### FEATURES

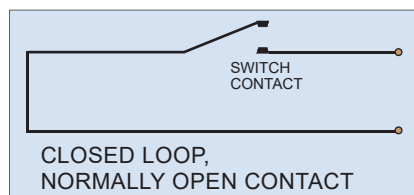
- **NO DEAD SPOT™ TECHNOLOGY**
- 12" 24AWG ZIPCORD LEADS
- WIDE GAP - N35 NdFeB RARE EARTH
- VENT CAPABILITY - up to 3" Slider Vent
- 3M VHB (Very High Bond) DOUBLE SIDED TAPE
- ABS HOUSINGS

### ORDERING INFORMATION

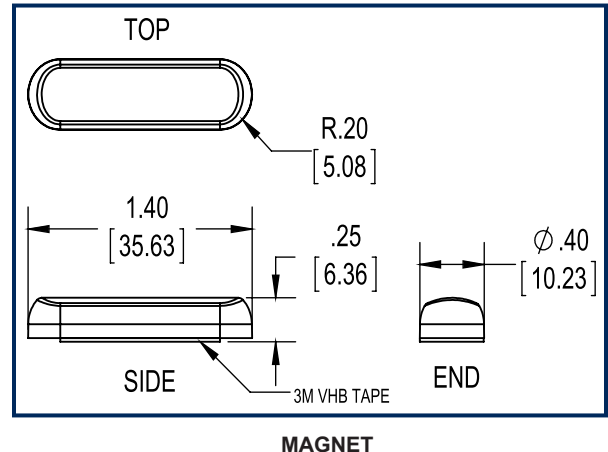
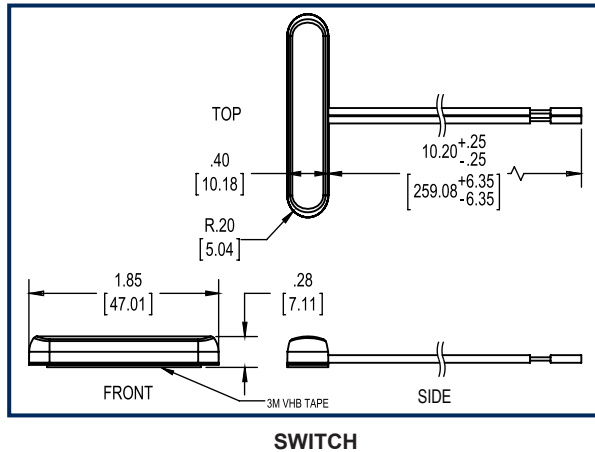
PART NUMBER	COLOR	PARALLEL GAP* (in inches)	CONTACT RATING (Max DC/Peak AC Resistive)				STATIC CONTACT RESISTANCE (50mV, 100mA)
			SWITCHING		CARRY		
			V	I	V	I	
CLOSED LOOP, NORMALLY OPEN, 1FA, SWITCH/MAGNET SET:							
NC235WGB/ST NC235WGG/ST NC235WGT/ST NC235WGW/ST	BROWN GREY TAN WHIITE	Up to 1.25	200 VDC	0.5 Amps	10vA	1.5 Amps	150 mOhms

\* With the magnet set at 1/4" gap per the installation instructions, sliding window opening up to 3 inches is possible.

### WIRING SCHEMATIC



## DIMENSIONS - IN [mm]



## INSTALLATION INSTRUCTIONS

### For non-vent installation:

- Pre-fit the switch and magnet in the desired location on the window.
- Clean the mounting surface area for both switch and magnet with alcohol and let dry.
- Remove the liner from the tape on the back of the switch and carefully position the switch on the window frame as close as possible to the movable part of the window.
- Remove the liner from the tape on the back of the magnet and carefully align the magnet parallel with the switch on the movable part of the window and as close to the window frame as possible. The magnet should move parallel along the length of the switch as the window is opened.
- Apply firm pressure to the switch and magnet housing to ensure proper adhesion to the mounting surface.
- Connect the switch leads to the alarm system circuit. **Caution!** Hold wire leads, not the switch housing while cutting and stripping to prevent damage to switch.
- Test alarm system for correct operation.

### For vent installation:

- Pre-fit the switch and magnet in the desired location on the window allowing 3 inches of space on either side of the switch for magnet travel.
- Clean the mounting surface area for both switch and magnet with alcohol and let dry.
- Connect Ohm meter to switch leads.
- With the liner still in place on the tape, position the magnet on the movable window sash aligned parallel and centered on the switch, slide the magnet in the direction the window closes until the meter indicates the switch is open. Now slide the magnet back in the opposite direction until the meter indicates the switch is closed then continue an additional 1/8 inch and mark this position.
- Remove the liner from the tape on the back of the magnet and carefully align the magnet as close to the window frame as possible.
- Apply firm pressure to the switch and magnet housing to ensure proper adhesion to the mounting surface.
- Connect the switch leads to the alarm system circuit. **Caution!** Hold wire leads, not the switch housing while cutting and stripping to prevent damage to switch.
- Test alarm system for correct operation.

**PART NUMBERING SYSTEM**