

### DESCRIPTION

Nascom's NC1175T UM 2550 Series, ultra mini 3/8" recessed screw terminal contact, protects all nonferrous (e.g. wood, aluminum and vinyl) doors and windows, in both residential and commercial settings.

The NC1175T UM 2550 is the installer's choice of contact configuration where drill depth is critical and excellent air and side-to-side gap are required to prevent false alarms caused by shifting or warping doors and windows.



### FEATURES

- PRESS FIT SWITCH - NO GLUE REQUIRED
- POLYPROPYLENE SWITCH HOUSING
- WIDE GAP - N35 NdFeB RARE EARTH MAGNET
- ENCAPSULATED HERMETICALLY SEALED CONTACTS
- LISTED TO UL634 STANDARD

### ORDERING INFORMATION

PART NUMBER	COLOR	OPERATE GAP (in inches)	CONTACT RATING (Max DC/Peak AC Resistive)				STATIC CONTACT RESISTANCE (50mV, 100mA)
			SWITCHING		CARRY		
			V	I	V	I	

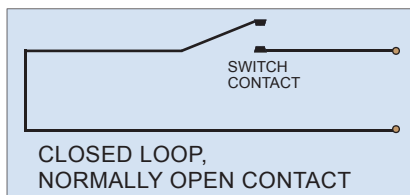
#### CLOSED LOOP, NORMALLY OPEN, 1FA, SWITCH/MAGNET SET:

NC1175TUM2550B/ST	BROWN	0.375 to 0.875	200 VDC	0.5 Amps	10vA	1.5 Amps	150 mOhms
NC1175TUM2550G/ST	GREY						
NC1175TUM2550W/ST	WHITE						

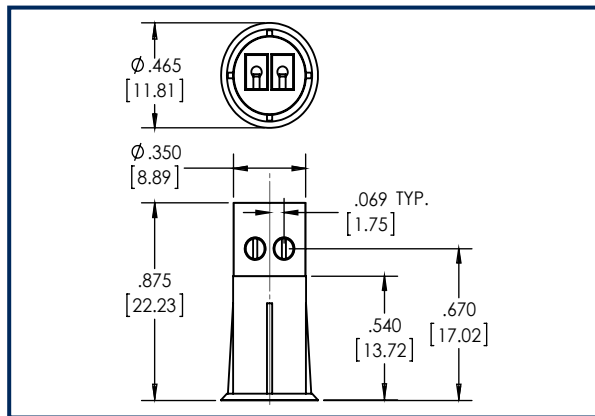
#### HIGH SECURITY, NORMALLY OPEN, 1FA, SWITCH/MAGNET SET:

NC1175TUM2550B/STHS	BROWN	0.1875 to 0.50	300 VDC	0.20 Amps	3vA	0.5 Amps	150 mOhms initial
NC1175TUM2550G/STHS	GREY						
NC1175TUM2550W/STHS	WHITE						

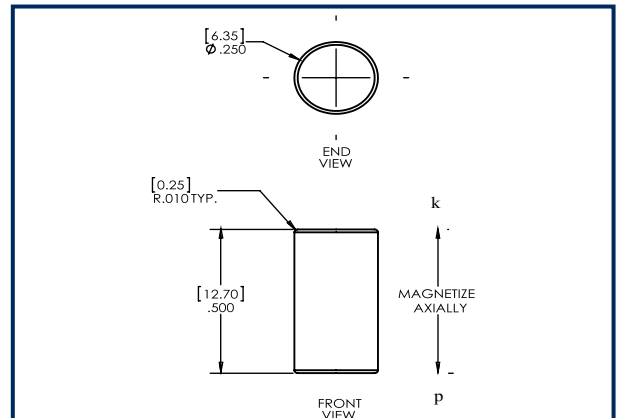
### WIRING SCHEMATIC



## DIMENSIONS - IN [mm]



**SWITCH**



**MAGNET**

## INSTALLATION INSTRUCTIONS

- Mark the desired location for the switch and magnet on the top edge of the door and door frame making sure your marks are in alignment.
- Using a square, transfer the marks on to the top edge of the door and the opposing door frame.
- Using a tape measure or graduations on the square, locate the center of the door edge and place an intersecting line with the first mark. Drill a 1/4" hole at the location where the marks intersect.
- Repeat the above step to locate the hole position for the switch in the door frame. Drill a 3/8" hole in the door frame.
- Apply adhesive or RTV to the end of the magnet and press the magnet into the hole you drilled in the door until flush with top edge of door.
- Connect wire leads to screw terminal.
- Insert wire leads into hole followed by the switch and press the switch into the hole until the head is flush with the door frame.
- Test system for correct operation.

**PART NUMBERING SYSTEM**