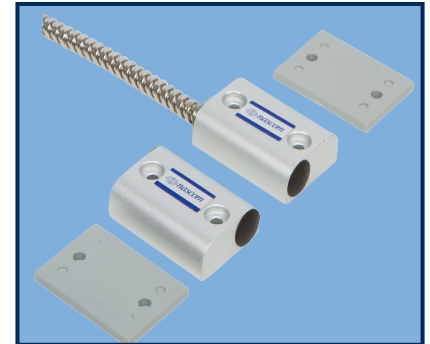


## DESCRIPTION

Nascom's N505AS is a short, 2" block switch, designed for man doors. It combines the installers' choice of contact configuration with an N35 NdFeB magnet for maximum gap performance.

The closed loop version of the N505AS prevents false alarms caused by warping or shifting of doors, and features our unique NO DEAD SPOT™ technology.



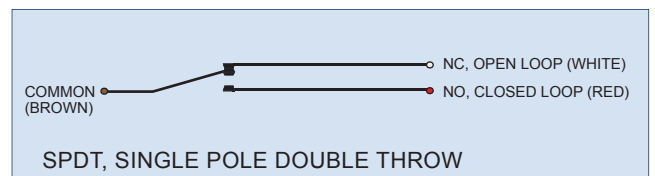
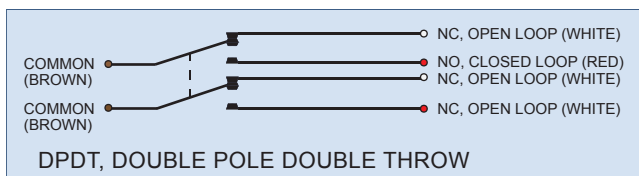
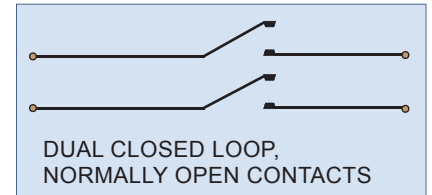
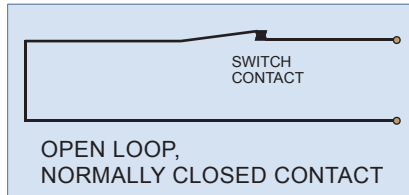
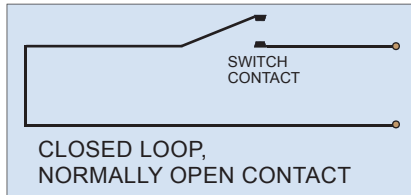
## FEATURES

- NO DEAD SPOT™ TECHNOLOGY
- EXTRA WIDE GAP - N35 NdFeB RARE EARTH MAGNET
- LISTED TO UL634 STANDARD
- 24" ARMORED CABLE LEAD PROTECTION
- 36" 22AWG WIRE LEADS
- EXTRUDED ANODIZED (TYPE II) ALUMINUM

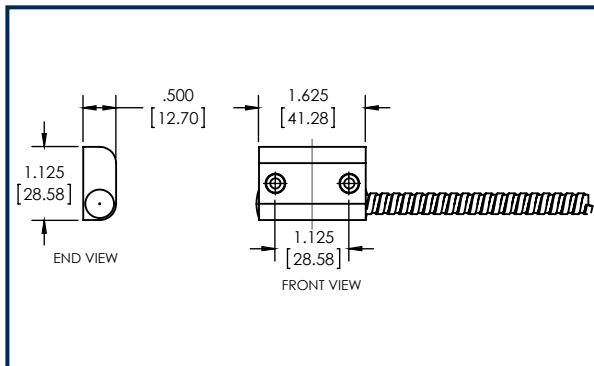
## ORDERING INFORMATION

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	
<b>CLOSED LOOP, NORMALLY OPEN, 1FA, SWITCH/MAGNET SET:</b>							
N505AS/ST	SILVER	1.25 to 2.125	200 VDC	0.5 Amps	10vA	1.5 Amps	150 mOhms
<b>DUAL CLOSED LOOP, NORMALLY OPEN, 1FA, SWITCH/MAGNET SET:</b>							
N505AS/ST2CR	SILVER	1.25 to 2.125	200 VDC	0.5 Amps	10vA	0.5 Amps	150 mOhms
<b>OPEN LOOP, NORMALLY CLOSED, 1FB, SWITCH/MAGNET SET:</b>							
N505AS/STFB	SILVER	0.875 to 1.875	30 VDC	0.2 Amps	3vA	0.5 Amps	100 mOhms
<b>SINGLE POLE DOUBLE THROW, SWITCH/MAGNET SET:</b>							
N505AS/STSD	SILVER	0.875 to 1.875	30 VDC	0.2 Amps	3vA	0.5 Amps	100 mOhms
<b>DOUBLE POLE DOUBLE THROW, SWITCH/MAGNET SET:</b>							
N505AS/STDD	SILVER	0.875 to 1.875	30 VDC	0.2 Amps	3vA	0.5 Amps	100 mOhms
<b>HIGH SECURITY, NORMALLY OPEN, 1FA, SWITCH/MAGNET SET:</b>							
N505AS/STHS	SILVER	0.1875 to 0.50	300 VDC	0.25 Amps	10vA	0.25 Amps	150 mOhms initial

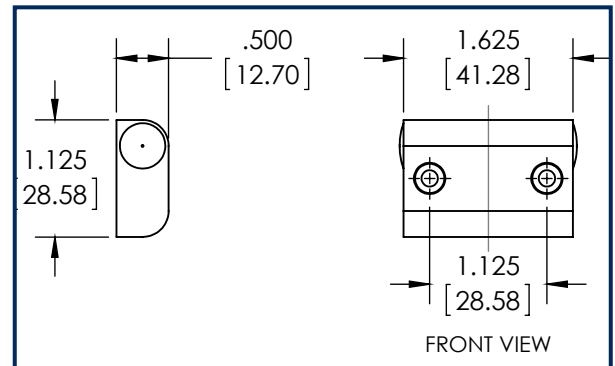
## WIRING SCHEMATIC



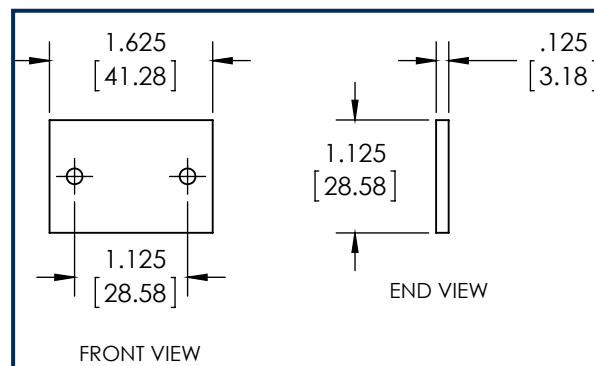
## DIMENSIONS - IN [mm]



SWITCH



MAGNET



SPACER

## INSTALLATION INSTRUCTIONS

**NOTE:** For N505AS/STHS - red dots on switch and magnet must be aligned for correct operation.

- Position the switch on the door frame and the magnet on the door in desired location.
- Place one of the enclosed spacers under the switch and one spacer under the magnet and align the switch and magnet housings as close as possible on the door with ¼" gap between the housings.
- Mark the mounting hole locations and drill mounting holes using a drill bit adequately sized for a #6 self-tapping screw.
- Place the spacer under the switch and attach to the door frame using two #6 Self-Tapping screws.
- Place the spacer under the Magnet and attach to the door using two #6 Self-Tapping screws.
- Connect an ohm meter to the switch leads and open and close the door to test switch for correct operation.
- Connect the switch leads to the alarm system.

## PART NUMBER SYSTEM

