

## DESCRIPTION

Nascom's N78C Series is a 3/4" recessed wide gap door contact designed for residential, commercial and industrial steel and wood door applications.

The N78C is the installer's choice of contact configuration because the contact set is designed to cut installation times and helps to prevent false alarms caused by shifting or warping doors.

The N78C Series is designed for installation in every type of hinged door including wood doors.



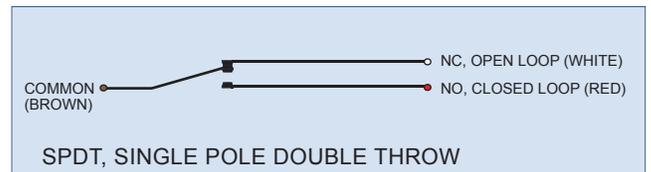
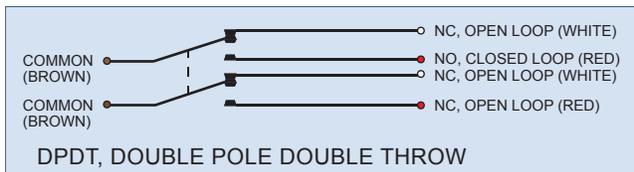
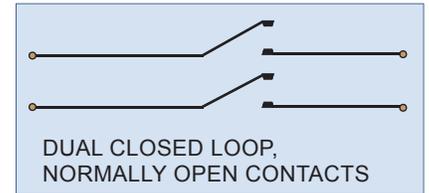
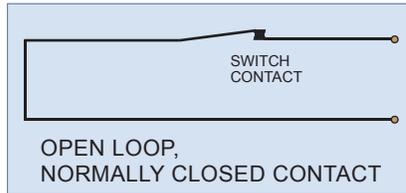
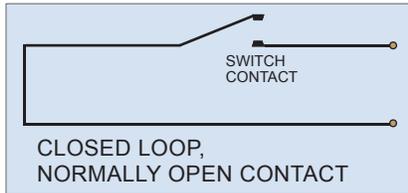
## FEATURES

- SNAP FIT ON STEEL - NO GLUE REQUIRED
- 12" 22AWG WIRE LEADS
- WIDE GAP - N35 NdFeB RARE EARTH MAGNET
- ENCAPSULATED HERMETICALLY SEALED CONTACTS
- POLYPROPYLENE HOUSINGS
- LISTED TO UL634 STANDARD

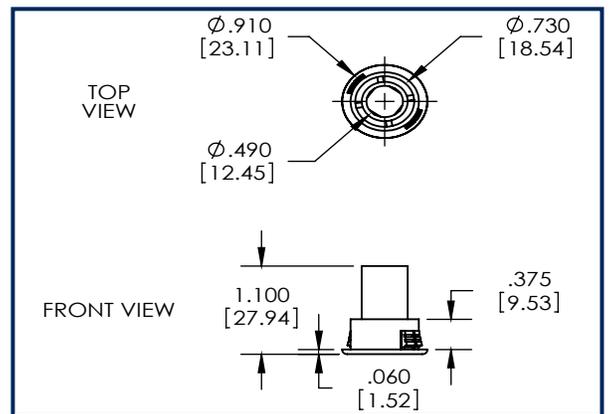
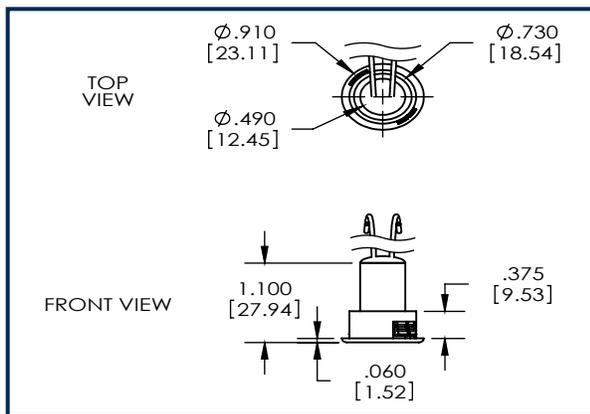
## ORDERING INFORMATION

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	
<b>CLOSED LOOP, NORMALLY OPEN, 1FA, SWITCH/MAGNET SET:</b>							
N78CB/ST N78CG/ST N78CT/ST N78CW/ST	BROWN GREY TAN WHIITE	1.00 to 2.00	200 VDC	0.5 Amps	10vA	1.5 Amps	150 mOhms
<b>DUAL CLOSED LOOP, NORMALLY OPEN, 1FA, SWITCH/MAGNET SET:</b>							
N78CB/ST2CR N78CG/ST2CR N78CT/ST2CR N78CW/ST2CR	BROWN GREY TAN WHIITE	1.00 to 2.00	200 VDC	0.5 Amps	10vA	1.5 Amps	150 mOhms
<b>OPEN LOOP, NORMALLY CLOSED, 1FB, SWITCH/MAGNET SET:</b>							
N78CB/STFB N78CG/STFB N78CT/STFB N78CW/STFB	BROWN GREY TAN WHIITE	0.75 to 1.25	30 VDC	0.2 Amps	3vA	0.5 Amps	150 mOhms
<b>SINGLE POLE DOUBLE THROW, SWITCH/MAGNET SET:</b>							
N78CB/STSD N78CG/STSD N78CT/STSD N78CW/STSD	BROWN GREY TAN WHIITE	0.75 to 1.25	30 VDC	0.2 Amps	3vA	0.5 Amps	150 mOhms
<b>DOUBLE POLE DOUBLE THROW, SWITCH/MAGNET SET:</b>							
N78CB/STDD N78CG/STDD N78CT/STDD N78CW/STDD	BROWN GREY TAN WHIITE	0.75 to 1.25	30 VDC	0.2 Amps	3vA	0.5 Amps	150 mOhms
<b>HIGH SECURITY, NORMALLY OPEN, 1FA, SWITCH/MAGNET SET:</b>							
N78CB/STHS N78CG/STHS N78CT/STHS N78CW/STHS	BROWN GREY TAN WHIITE	0.1875 to 0.5000	300 VDC	0.25 Amps	10vA	0.25 Amps	150 mOhms initial

**WIRING SCHEMATIC**



**DIMENSIONS - IN [mm]**



**INSTALLATION INSTRUCTIONS**

- Mark location for the switch on the door frame and mark the location for the magnet on the door.
- Make sure switch and magnet hole locations are aligned.
- Drill holes for the switch and magnet using a 3/4" Hole Saw for steel doors or a Forstner bit for wood doors.
- Press the magnet into the hole in the door until seated firmly against the head. Silicone may be used to secure the magnet in wood doors.
- Connect the switch leads to the alarm circuit conductors. Hold the wire leads (not the switch housing) when cutting and stripping to prevent damage to the switch.
- Feed the switch conductors into the hole and insert the switch housing pressing firmly until seated. Silicone may be used to secure the switch in wood doors.
- Test switch for correct operation and make sure gap performance is acceptable.

## PART NUMBER SYSTEM

