

DESCRIPTION

Nascom's N78 Series is a 1" recessed wide gap door contact designed for residential, commercial and industrial steel and wood door applications.

The N78 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.



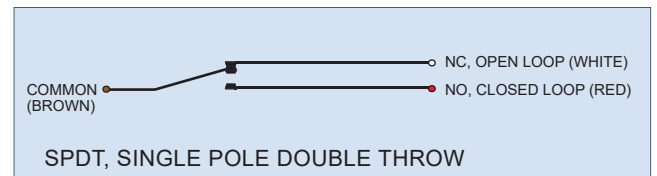
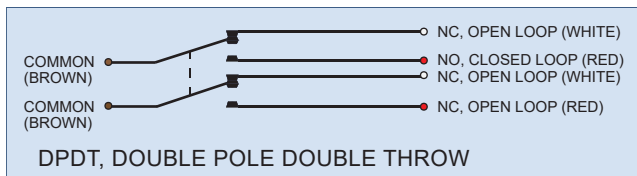
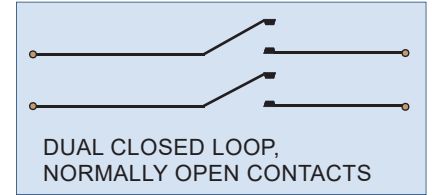
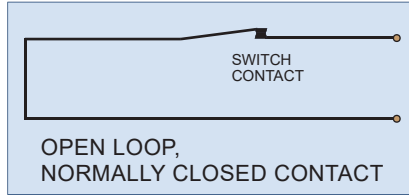
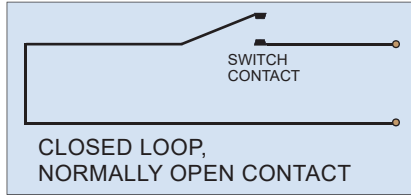
FEATURES

- 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

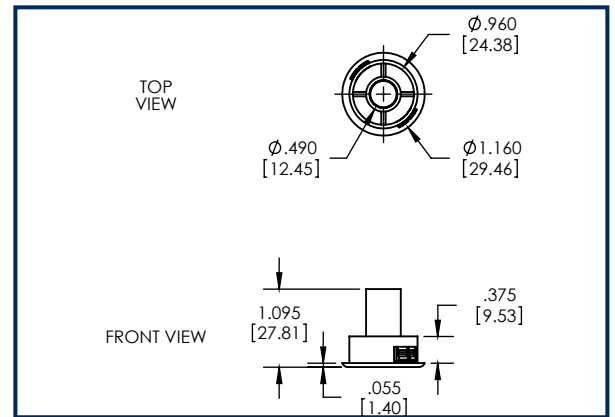
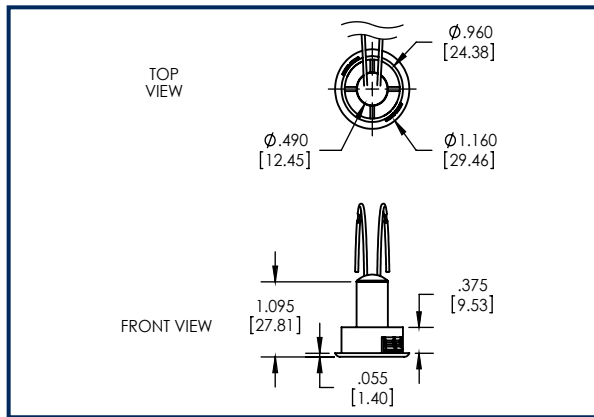
ORDERING INFORMATION

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	
CLOSED LOOP, NORMALLY OPEN, 1FA, SWITCH/MAGNET SET:							
N78B/ST N78G/ST N78T/ST N78W/ST	BROWN GREY TAN WHIITE	1.00 to 2.00	200 VDC	0.5 Amps	10vA	1.5 Amps	150 mOhms
DUAL CLOSED LOOP, NORMALLY OPEN, 1FA, SWITCH/MAGNET SET:							
N78B/ST2CR N78G/ST2CR N78T/ST2CR N78W/ST2CR	BROWN GREY TAN WHIITE	1.00 to 2.00	200 VDC	0.5 Amps	10vA	1.5 Amps	150 mOhms
OPEN LOOP, NORMALLY CLOSED, 1FB, SWITCH/MAGNET SET:							
N78B/STFB N78G/STFB N78T/STFB N78W/STFB	BROWN GREY TAN WHIITE	0.75 to 1.25	30 VDC	0.2 Amps	3vA	0.5 Amps	150 mOhms
SINGLE POLE DOUBLE THROW, SWITCH/MAGNET SET:							
N78B/STSD N78G/STSD N78T/STSD N78W/STSD	BROWN GREY TAN WHIITE	0.75 to 1.25	30 VDC	0.2 Amps	3vA	0.5 Amps	150 mOhms
DOUBLE POLE DOUBLE THROW, SWITCH/MAGNET SET:							
N78B/STDD N78G/STDD N78T/STDD N78W/STDD	BROWN GREY TAN WHIITE	0.75 to 1.25	30 VDC	0.2 Amps	3vA	0.5 Amps	150 mOhms
HIGH SECURITY, NORMALLY OPEN, 1FA, SWITCH/MAGNET SET:							
N78B/STHS N78G/STHS N78T/STHS N78W/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

N78 X / XX XXX XXXX XX XXX X XX

COLOR:

- W = WHITE
- B = BROWN
- G = GREY
- T = TAN

PRODUCT TYPE (1 or 2 digits):

- ST = SWITCH/MAGNET SET
- SW = SWITCH ONLY
- M = MAGNET ONLY

CIRCUIT (0, 2 or 3 digits):

- Blank = CLOSED LOOP
- 2CR = DUAL CLOSED LOOP
- FB = OPEN LOOP
- SD = SPDT
- DD = DPDT
- HS = HIGH SECURITY

LEAD LENGTH (zero, 3 or 4 digits):

- Blank - 12 Inches
- All other lengths specified in Inches with 3 digits (e.g. 036 = 36 Inches)

END OF LINE RESISTOR (zero to 4 digits):

- Blank = Resistor in series with the switch
- P = Resistor in parallel with the switch
- SP = Resistor 1 in series to the switch; resistor 2 in parallel to the switch

BUILT-IN END OF LINE RESISTOR VALUE (zero to 4 digits):

- Blank = No built-in end of line resistor
- All other resistor values are specified (e.g. 1K = 1,000 Ω)

LEAD WIRE COLOR (zero to 2 digits):

- Blank = Switch Color except:
 - » resistor contacts standard is red wire
 - » all 2 conductor jacketed wire is grey
- BL = Blue leads
- OL = Orange leads

WIRE TYPE (0 or 1 digit):

- Blank = UL1061 | 22AWG | 7/30
- Z = Zipcord ZIP NEC (UL) TYPE CL2
- J = 2-conductor PVC Jacketed NEC Type CL2 and CM