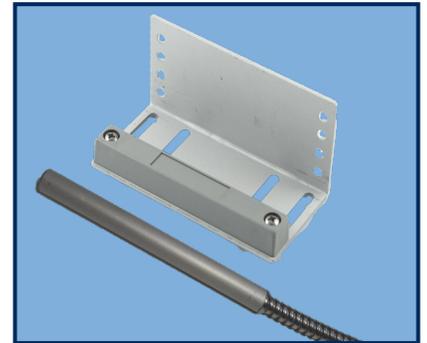


DESCRIPTION

The NDB400A series direct burial switch is designed to protect overhead and rollup door applications and installed directly in concrete floors

Having a direct burrial switch conceals the switch and prevents the switch from being damaged by any forklift or other hazards.

NASCOM's NDB400 helps prevent false alarms caused by the side to side shifting of overhead doors with our unique **NO DEAD SPOT™** technology.



FEATURES

- **NO DEAD SPOT™** TECHNOLOGY
- EXTRA WIDE GAP - N35 NdFeB RARE EARTH MAGNET
- 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 | |

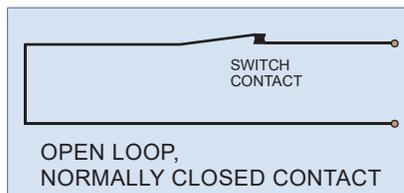
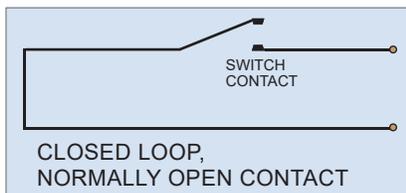
CLOSED LOOP, NORMALLY OPEN, 1FA, SWITCH/MAGNET SET:

| | | | | | | | |
|------------|--------|------------|---------|----------|------|----------|-----------|
| NDB400A/ST | SILVER | up to 2.25 | 200 VDC | 0.5 Amps | 10vA | 1.5 Amps | 150 mOhms |
|------------|--------|------------|---------|----------|------|----------|-----------|

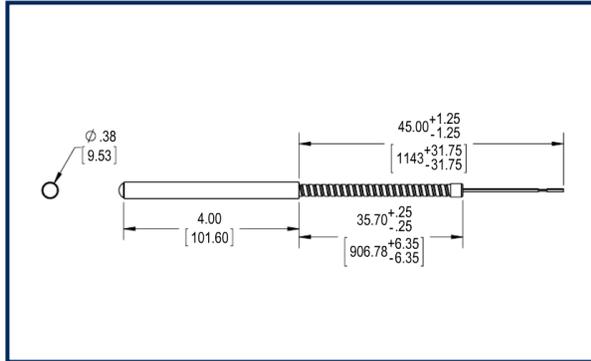
OPEN LOOP, NORMALLY CLOSED, 1FB, SWITCH/MAGNET SET:

| | | | | | | | |
|--------------|--------|---------|--------|----------|-----|----------|-----------|
| NDB400A/STFB | SILVER | up to 2 | 30 VDC | 0.2 Amps | 3vA | 0.5 Amps | 100 mOhms |
|--------------|--------|---------|--------|----------|-----|----------|-----------|

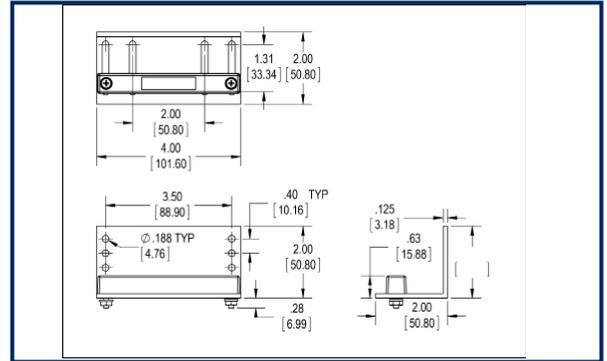
WIRING SCHEMATIC



DIMENSIONS - IN [mm]



SWITCH



MAGNET

INSTALLATION INSTRUCTIONS

- With the overhead door closed, position the magnet on the lower right or left side of the door with the magnet housing as close to the surface as possible.
- Mark the mounting hole locations for the magnet.
- Mount the magnet on the door.
- Connect the switch leads to an ohm meter and raise the door enough to position the switch on the floor under and aligned with the magnet housing. Continue to raise the door until the meter indicates the switch is open. Measure the distance from the floor to the bottom of the magnet housing and note the measurement. Deduct an additional 1/2". This will be the maximum depth to bury the switch. Recommended operation gap is up to 1-1/2".
- Mark the position of the switch on the floor and remove the concrete to form a channel 1/2" width X 3/4" depth.
- With the switch connected to an ohm meter, place the switch in the channel aligned with the magnet housing on the door and confirm the switch is operating correctly.
- Apply concrete patch over switch and flex cable.
- Retest the switch by raising and lowering the door to confirm correct operation.

PART NUMBER SYSTEM

