

## DESCRIPTION

Nascom's F1178CT Series is a 3/4" recessed wide gap stubby door contact designed for residential, commercial and industrial fire-rated door applications.

The F1178CT 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 F1178CT Series is designed for installation in every type of hinged door.



## FEATURES

- SNAP FIT - NO GLUE REQUIRED
- SCREW TERMINALS
- STRONG RARE EARTH MAGNET (GRADE N35 NdFeB)
- ENCAPSULATED HERMETICALLY SEALED CONTACTS
- POLYPROPYLENE HOUSINGS
- LISTED TO UL634 STANDARD | CERTIFIED TO UL10C STANDARD

## ORDERING INFORMATION

| PART<br>NUMBER | COLOR | OPERATE GAP<br>(in INCHES) |      | CONTACT RATING<br>(Max DC/Peak AC Resistive) |   |       |   | STATIC<br>CONTACT<br>RESISTANCE<br>(50mV, 100mA) |
|----------------|-------|----------------------------|------|--|---|-------|---|--|
|                |       | STEEL                      | WOOD | SWITCHING                                    |   | CARRY |   |  |
|                |       |                            |      | V  | I | V     | I |  |

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

|  |                               |                   |              |         |          |      |          |           |
|--|-------------------------------|-------------------|--------------|---------|----------|------|----------|-----------|
| F1178CTB/ST<br>F1178CTG/ST<br>F1178CTT/ST<br>F1178CTW/ST | BROWN<br>GREY<br>TAN<br>WHITE | 0.625 to<br>0.700 | 1.06 to 1.32 | 200 VDC | 0.5 Amps | 10vA | 1.5 Amps | 150 mOhms |
|--|-------------------------------|-------------------|--------------|---------|----------|------|----------|-----------|

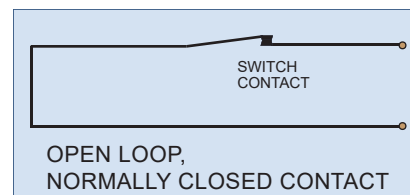
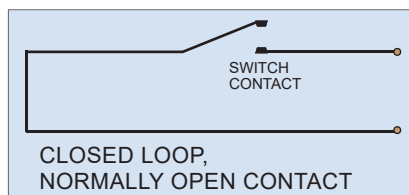
### OPEN LOOP, NORMALLY CLOSED, 1FB, SWITCH/MAGNET SET:

|  |                               |                   |              |         |          |     |          |           |
|--|-------------------------------|-------------------|--------------|---------|----------|-----|----------|-----------|
| F1178CTB/STFB<br>F1178CTG/STFB<br>F1178CTT/STFB<br>F1178CTW/STFB | BROWN<br>GREY<br>TAN<br>WHITE | 0.625 to<br>0.650 | 1.06 to 1.12 | 200 VDC | 0.2 Amps | 3vA | 0.5 Amps | 150 mOhms |
|--|-------------------------------|-------------------|--------------|---------|----------|-----|----------|-----------|

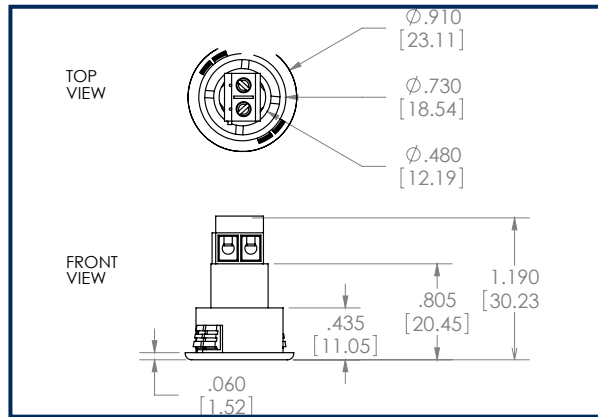
### HIGH SECURITY, NORMALLY OPEN, 1FA, SWITCH/MAGNET SET:

|  |                               |                    |                     |         |           |      |           |                   |
|--|-------------------------------|--------------------|---------------------|---------|-----------|------|-----------|-------------------|
| F1178CTB/STHS<br>F1178CTG/STHS<br>F1178CTT/STHS<br>F1178CTW/STHS | BROWN<br>GREY<br>TAN<br>WHITE | 0.1875 to<br>0.325 | 0.1875 to<br>0.5000 | 300 VDC | 0.25 Amps | 10vA | 0.25 Amps | 150 mOhms initial |
|--|-------------------------------|--------------------|---------------------|---------|-----------|------|-----------|-------------------|

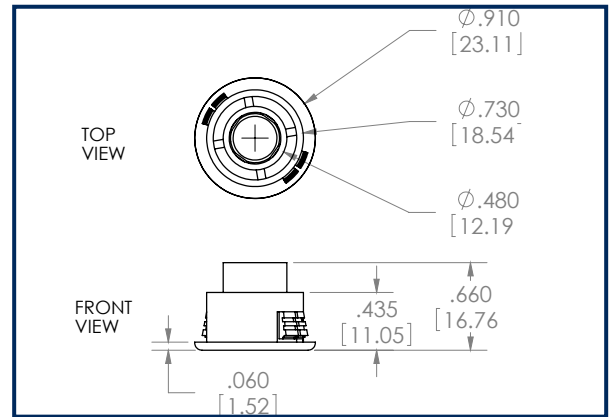
## WIRING SCHEMATIC



### DIMENSIONS - IN [mm]



SWITCH



MAGNET

### 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.
- Press the magnet into the hole in the door until seated firmly against the head.
- Connect the switch terminals to the alarm circuit conductors. 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 switch for correct operation and make sure gap performance is acceptable.

### PART NUMBERING SYSTEM

