



| Operating Specifications | |
|--------------------------|---|
| Parameter | Rating |
| Operating Temp. Range | -34°C to +74°C (-30°F to +165°F)† |
| Storage Temp. Range | -45°C to +85°C (-50°F to +185°F) |
| Operating Force | 3.0 lbs max, option of 3 adjustable programmed forces |
| Switch Operating Life | Greater than 20 million operations |
| Max. Volume | 100 dB @ 1 meter |

| Design Compliance | |
|--------------------------------|------------------|
| Functionality Test Type | Compliance |
| Temperature and Humidity | MUTCD 2009-4E |
| Transient Voltage Protection | NEMA TS2 |
| Transient Suppression | NEMA TS2 |
| Mechanical Shock and Vibration | NEMA TS2 |
| iNS3 PBS Enclosure | NEMA 250 Type 4X |
| Electrical Reliability | NEMA TS2 |

Notes:

1. Lab tested to applicable sections of referenced standards
2. All specifications are subject to change without notice
3. All specifications are typical unless otherwise specified

† iDetect touchless actuation will work as specified in the range of -20°C to -60°C (-4°F to +140°F). Detection could fluctuate and be reduced/less responsive outside of the specified range. All normal PBS functions will work through the extended NEMA temperature ranges. iDetect is an additional feature/supplement to the PBS.

iDS2 5 A N 0 - B - BD-ES

Additional Options

NA - No Arrow
BD - Bi-Directional Arrow

Other Options

WPC - With pole cap
ES - External Speaker option

Button Cover Color

Back plate is always black.
B - Black
G - Green
Y - Yellow

Audio Message Option

0 - Standard messages
1 - Custom Messages

Braille

N - No braille on faceplate
B - Braille on faceplate

Faceplate (Sign)

MUTCD Compliant

V - 9x12 R10-3
U - 9X12 R10-3b
T - 9x15 R10-3e

Non-MUTCD Compliant

A - 5x7- International
B - 5x7- International
C - 9X12- Countdown
D - 5X7 or 9x12- International

E - 5X7 Touchless

O - No Faceplate

R - 9X12 or 9X15 Touchless

Size of Front Plate Adapter

5 - 5" x 7"
9 - 9" x 12"
3 - 9" x 15"

Navigator Family

iNS2 - iNavigator S 2-Wire Push Button without iDetect

iDS2 - with iDetect Option