



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.

A 3 Wire Cable (General Cable: C2831A or equivalent) must be routed between each iNS3 PBS and Ped Head Control Unit (iPHCU3S). This cable is not supplied with the iNS3 PBS, but is available separately in precut 12 ft, 25 ft, and 50 ft lengths. See website for ordering numbers.

Terminal screws on each iNS3 PBS include washer (clamping plates) intended for bare wire. Crimp terminals are not recommended.

iDS3 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

iNS3 - iNavigator S 3-Wire Push Button without iDetect
iDS3 - with iDetect Option