rev ntomx-4b-1a 7.20.00
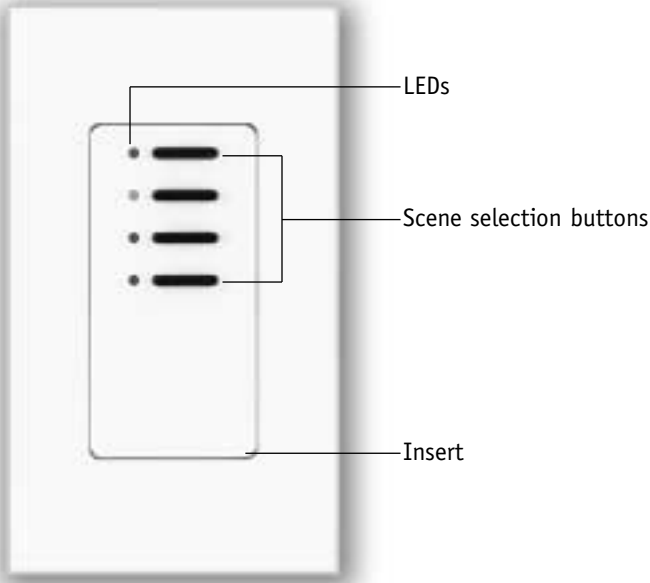
COLOR AND FINISH CODES

NTOMX-4B-__-___
4-Button Wallstation

DESCRIPTION

- Recalls preset light levels for four scenes
- Reflects door status of four partitions
- Select OMX-DACPI Daylight Control bank of scenes
- Can be ganged with the NTOMX-4S Wallstation to give occupants access to 8, 12, or 16 scenes
- Can be custom-configured for other functions
- Works with Grafik 5000/6000 Systems.

DESIGN OPTIONS
Available with:

- Custom engraving to suit specific project needs
- Green LED's standard, amber optional
- Sleek "no insert" faceplate (eliminates insert line)

LEDs

Scene selection buttons

Insert

JOB NAME:

MODEL NUMBERS:

JOB NUMBER:

SPECIFICATIONS

Power
Operating voltage: Low-voltage Class 2 (PELV), 32VDC.

Key Design Features
- Meets IEC 801-2. Tested to withstand 15kV electro-static discharge without damage or memory loss.
- Has faceplate that snaps on with no visible means of attachment.
- Can be ganged to share a common faceplate with NovaT☆ and Vareo Dimmers.

System Communications and Capacity
- Low-voltage Class 2 (PELV) wiring connects Wallstations to Processor Panel.
- You can link up to 32 Wallstations, Control Units, and/or Control Interfaces per Class 2 (PELV) wiring link.

Terminals
Capacity: Accept up to two #18 AWG (1.0mm²) typical.

Environment
32-104°F (0-40°C). Relative humidity less than 90% non-condensing.

Delivery
Ships in 4 to 6 weeks depending on system delivery.

STANDARD COLORS AND FINISHES

Matte Finishes
White	**WH**
Ivory	**IV**
Beige	**BE**
Gray	**GR**
Brown	**BR**
Black	**BL**

Metal Finishes
Bright Brass	**BB**
Bright Chrome	**BC**
Bright Nickel	**BN**
Satin Brass	**SB**
Satin Chrome	**SC**
Satin Nickel	**SN**
Antique Brass	**QB**
Antique Bronze	**QZ**

Anodized Aluminum
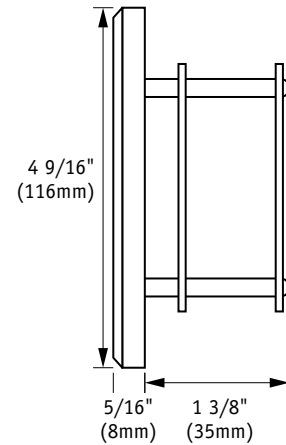|	
Clear	**CLA**
Black	**BLA**
Brass	**BRA**
Engraving	**E**
No Insert	**NI**

Custom Controls, color matching, and engraving available. Pricing and lead time may vary depending on colors, finishes, and options chosen.
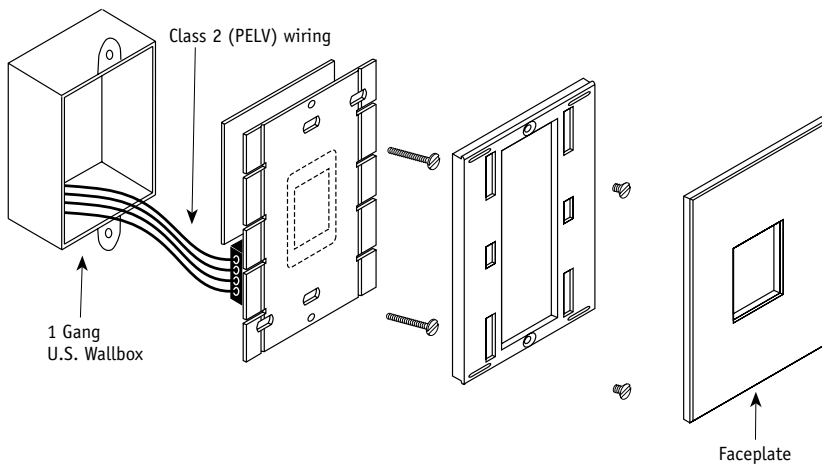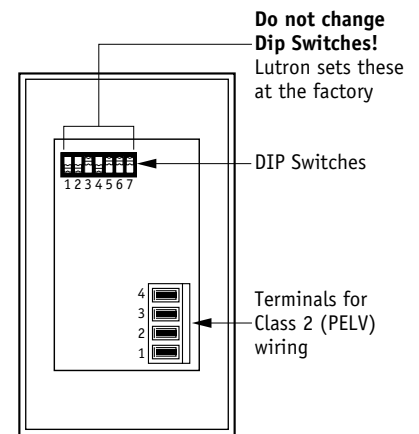
DIMENSIONS

Front View

2 3/4"
(70mm)

Side View

4 9/16"
(116mm)

5/16"
(8mm)

1 3/8"
(35mm)

MOUNTING

Class 2 (PELV) wiring

1 Gang
U.S. Wallbox

Faceplate
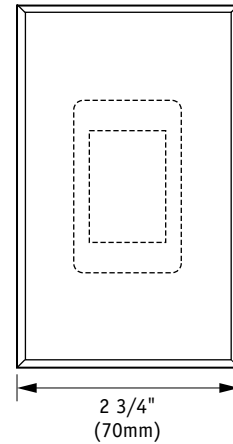
Back View

Do not change Dip Switches! Lutron sets these at the factory

DIP Switches

1 2 3 4 5 6 7

Terminals for Class 2 (PELV) wiring
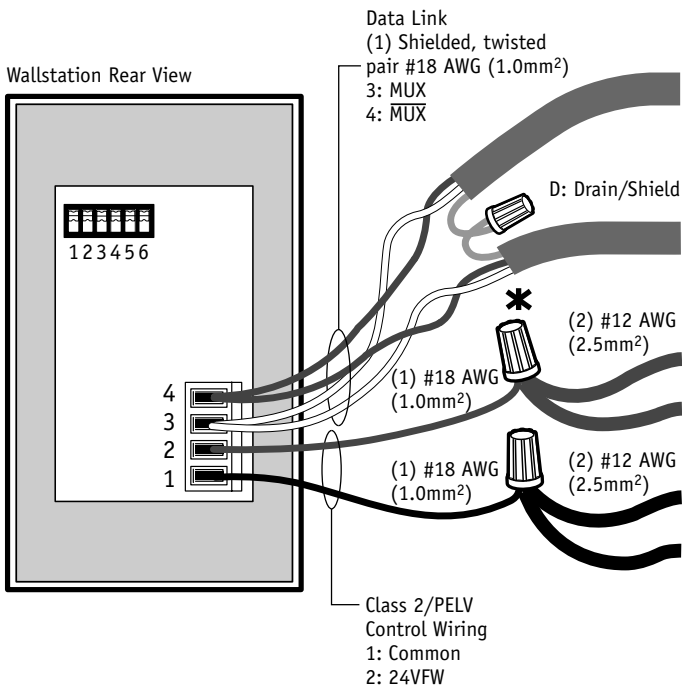
4 3 2 1

JOB NAME:	MODEL NUMBERS:	
JOB NUMBER:		

LOW-VOLTAGE CLASS 2 (PELV) WIRING

Use low-voltage Class 2 (PELV) wiring to daisy-chain Wallstations to the Processor Panel.

- Two #12 AWG (2.5mm^2) conductors for common (terminal 1) and 24VFW (terminal 2). These won't fit in terminals. Connect as shown.
- One shielded, twisted pair #18 AWG (1.0mm^2) for data link (terminals 3 and 4).
- Connect Drain/Shield as shown.
  - Do not connect to Ground (Earth) or Wallstation.
  - Connect the bare drain wires and cut off the outside shield.

Note: Some Wallstations have a D terminal for Drain.
You can connect the Drain/Shield at this terminal.

Data Link
(1) Shielded, twisted
pair #18 AWG (1.0mm^2)
3: MUX
4: $\overline{\text{MUX}}$

D: Drain/Shield

Wallstation Rear View

1 2 3 4 5 6

4
3
2
1

(1) #18 AWG
(1.0mm^2)

(1) #18 AWG
(1.0mm^2)

*

(2) #12 AWG
(2.5mm^2)

(2) #12 AWG
(2.5mm^2)

Class 2/PELV
Control Wiring
1: Common
2: 24VFW

Make connections inside the wallbox. Or in a switchbox or junction box with a maximum wire length of 8 feet (2.5m) from the link to the Wallstation.

*   Use appropriate wire connecting devices as specified by local codes.