



## DS7445i Series LED Keypads



- ▶ Easily-accessible instruction label
- ▶ Three programmable emergency keys

The DS7445i is a four-wire LED keypad that can be used with the DS7060, DS7080iP-32, DS7200 Series, and DS7400Xi Series Control Panels. The keypad can be mounted on a surface or on standard single- or double-gang boxes, or four-inch square boxes.

The DS7445i has 16 LEDs representing up to eight hard-wired zones and eight expansion zones. The eight hard-wired zones on the DS7080iP-32 Control Panel are represented by the first eight LEDs (the next eight LEDs do not operate). When using the DS7060 6-Zone Control Panel, only the first six LEDs operate.

### Functions

#### Easily-accessible Instruction Label

Basic user instructions are located in a pull-out slide that can be installed to pull from either the left or the right.

#### Three Programmable Emergency Keys

The three unmarked keys across the bottom row of the keypad are programmable as a fire emergency key, a special emergency key, and a panic key. Adhesive labels are provided for use if the keys are programmed.

### Certifications and Approvals

Listings and Approvals: UL AMCX: Central Station Alarm Units (UL1610)

UL AOTX: Local Alarm Units (UL464)

UL APAW: Police Station Alarm Units (UL365)

UL APOU: Proprietary Alarm Units (UL1076)

UL NBSX: Household Burglar Alarm System Units (UL1023)

UL UTOU: Control Units and Accessories – Household System Type (UL985)

CSFM 7165-1062: 113

CSFM 7167-1062: 114

CSFM 7167-1062: 132

CSFM 7167-1062: 138

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### Installation/Configuration Notes

#### Compatibility Information

Control Panel	Number of Operating LEDs on DS7445V2 Keypad
DS7080iP-32 and DS7400Xi Series Control Panels	8

DS7060 Control Panel	6
DS7220V2 and DS7240V2 Series Control Panels	16

## Wiring

The wire length between the keypad and the control panel must be no more than 1000 ft (305 m). Up to two keypads can be placed along any single 1000 ft (305 m) run of 22 AWG (0.8 mm) non-shielded, quad (four-wire) cable. Three keypads can be used on any single 1000 ft (305 m) run of 18 AWG (1.2 mm) non-shielded, quad (four-wire) cable.

**Note** Do not mount outdoors.

## Commercial Fire Applications

The DS7445i can be used in commercial fire applications with the DS7400Xi Series Control Panels as follows:

- **Single Keypad Use in Commercial Fire Systems:** The keypad must be used on the keypad bus and must be assigned as keypad address 1. It can be mounted on the front of the control enclosure. If it is not mounted on the front of the control enclosure, you must mount it in the same room as and within 20 ft (6 m) of the control equipment, and run the wire in conduit or provide equivalent protection against mechanical damage.
- **Multiple Keypad Use in Commercial Fire Systems:** One keypad must be used on the keypad bus and must be assigned as keypad address 1. It can be mounted on the front of the control enclosure. If it is not mounted on the front of the control enclosure, you must mount it in the same room as and within 20 ft (6 m) of the control equipment, and run the wire in conduit or provide equivalent protection against mechanical damage.

**Note** Keypad 15 is not available on commercial fire systems because Option Bus Address 15 is used for the DS7420i Dual Phone Line/Bell Supervision Module.

**Note** On the DS7400Xi Control Panels, up to 11 keypads can be used in commercial fire mode. Install one keypad on the option bus and up to ten keypads on the keypad bus.

**Note** When using multiple keypads in a commercial fire application, a UL Listed auxiliary power supply might be required.

## Technical Specifications

### Environmental Considerations

Relative Humidity: 5% to 93% at +90°F (+32°C), non-condensing

Temperature (Operating): +32°F to +122°F (0°C to +50°C)

### Power Requirements

Current Draw: 95 mA idle; 200 mA max (with speaker volume and backlight brightness at maximum)

Voltage (Operating): 12 VDC

### Product Characteristics

Dimensions: 12 cm x 21 cm x 2 cm  
(4.6 in. x 8.2 in. x 0.8 in.)

Weight: 15.5 oz. (439 g)

## Ordering Information

DS7445i LED Keypad Provides 16 LEDs representing up to eight hard-wired zones and eight expansion zones	DS7445i
DS7445i-EXP LED Keypad For export. Provides 16 LEDs representing up to eight hard-wired zones and eight expansion zones.	DS7445i-EXP
DS7445i-BEL LED Keypad For use in Belgium. Provides 16 LEDs representing up to eight hard-wired zones and eight expansion zones.	DS7445i-BEL
DS7445i-FRA LED Keypad For use in France. Provides 16 LEDs representing up to eight hard-wired zones and eight expansion zones.	DS7445i-FRA
DS7445i-NOR LED Keypad For use in Norway. Provides 16 LEDs representing up to eight hard-wired zones and eight expansion zones.	DS7445i-NOR
DS7445i-ITA LED Keypad For use in Italy. Provides 16 LEDs representing up to eight hard-wired zones and eight expansion zones.	DS7445i-ITA
DS7445i-SPA LED Keypad For use in Spain. Provides 16 LEDs representing up to eight hard-wired zones and eight expansion zones.	DS7445i-SPA
DS7445i-SWE LED Keypad For use in Sweden. Provides 16 LEDs representing up to eight hard-wired zones and eight expansion zones.	DS7445i-SWE
OBSOLETE_DS7445i-UK for UK	DS7445i-UK

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