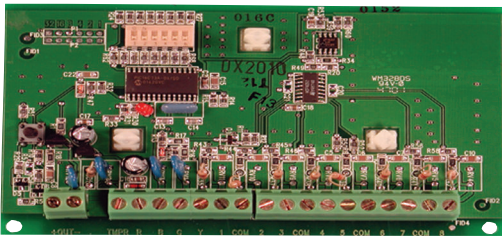


# DX2010 Series Input Expander

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- ▶ Up to eight sensor input loops
- ▶ Directly connects to the control panel data bus

The DX2010 Input Expander connects directly to the data bus of a compatible control panel. Each expander adds eight input loops. Install up to five expanders in a control panel's enclosure (three on the interior sidewalls and two on the back wall of the enclosure).

## Certifications and approvals

France AFNOR NF, A2P Type 2 (122000076-03)

Region	Certification	
Europe	CE	2014/30/EU EMC Directive (EMC); 2014/35/EU Low-Voltage Directive (LVD); 2011/65/EU Restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)
	EN5013 1	EN-ST-000126 DX2010 Bus-Module Grade 2
Belgium	INCERT	B-509-0005

Region	Certification	
USA	UL	DX2010: AMCX: Central Station Alarm Units (UL1610, UL1635), AMTB: Control Panels, SIA False Alarm Reduction, AOTX: Local Alarm Units (UL464, UL609), APAW: Police Station Alarm Units (UL365, UL464), APOU: Proprietary Alarm Units (UL1076), NBSX: Household Burglar Alarm System Units (UL1023), UTOU: Control Units and Accessories - Household System Type (UL985)
	CSFM	California State Fire Marshal (see our website)

## Installation/configuration notes

### Compatibility Information

Control Panels Easy Series (ICP-EZM2-NA, ICP-EZM2-UK, ICP-EZM2-LC), D4412, D6412, DS7220V2, and DS7240V2

## Technical specifications

### Outputs

Outputs: 100 mA, 12 VDC supervised output for accessories

## Environmental Considerations

Operating Temperature:	0°C to +50°C (+32°F to +122°F)
Relative Humidity:	5% to 85% at +30°C (+86°F), non-condensing

## Loop

Inputs:	Up to eight inputs Input contacts may be normally-open (NO) or normally-closed (NC) with appropriate end-of-line resistor(s) for supervision.
Resistance:	60Ω maximum
Terminal Wire Size:	1.8 mm (14 AWG) to 0.8 mm (22 AWG)

## Power Requirements

Current (Maximum):	35 mA standby 35 mA maximum with connected accessories
Voltage (Operating):	8 VDC to 14 VDC

## Ordering information

### DX2010 Input Expander

Zone expansion module with 8 DOEL zone inputs  
Order number **DX2010**

### DX2011 Package

Includes a DX2010 Input Expander with a D203 Metal Enclosure.  
Order number **DX2011**

### DX2012 Package

Includes a DX2010 Input Expander with an AE20 Plastic Enclosure.  
Order number **DX2012**

## Accessories

### AE20 Universal Plastic Enclosure

Mounts to a single gang/double gang box, a 9 cm (3.5 in.) octagonal box, or a 10 cm (4 in.) square box. The dimensions are 12 cm x 16 cm x 4 cm (4.7 in. x 6.2 in. x 1.5 in.). Accommodates wall tamper switches on the modules.

Order number **AE20**

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