



## Main

|                               |                                       |
|-------------------------------|---------------------------------------|
| Range of product              | OsiSense XU                           |
| Series name                   | Application tertiary sector           |
| Electronic sensor type        | Photo-electric sensor                 |
| Product specific application  | Buzzer signalling                     |
| Sensor name                   | XUJ                                   |
| Sensor design                 | Compact                               |
| Material                      | Plastic                               |
| Detection system              | Reflex                                |
| Emission                      | Infrared                              |
| [Sn] nominal sensing distance | 19.69 ft (6 m) with reflector Ø 80 mm |
| Wiring technique              | 4-wire                                |
| Sale per indivisible quantity | 1                                     |

## Complementary

|                            |  |
|----------------------------|--|
| Enclosure material         | PEI  |
| Type of output signal      | Discrete   |
| Output type                | Relay  |
| Discrete output function   | 1 NO   |
| Output function governance | Dark   |
| Electrical connection      | Screw-clamp terminals, maximum : 1 x 1.5 mm <sup>2</sup>                           |
| Cable entry                | 1 entry for Pg 9 cable gland   |
| Signalling function        | Buzzer   |
| Status LED                 | Output state: 1 LED (yellow)   |
| Supply circuit type        | AC/DC  |
| [Us] rated supply voltage  | 24...240 V AC<br>24...48 V DC  |
| Supply voltage limits      | 20...264 V AC<br>20...60 V DC  |
| Output voltage             | <= 250 V AC<br><= 30 V DC  |
| Switching capacity in mA   | 0.5 A cos φ = 0.4 for 0.5 million cycles at 1 operating cycle per second at 250 V) |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

2 A cos  $\phi$  = 1 for 1 million cycles at 1 operating cycle per second)

|                                |  |
|--------------------------------|--|
| Switching frequency            | <= 20 Hz   |
| Maximum power consumption in W | 2 W  |
| Time delay range               | 0.3...3 s  |
| Maximum delay first up         | 60 ms  |
| Maximum delay response         | 25 ms  |
| Maximum delay recovery         | 25 ms  |
| Electrical durability          | 1000000 cycles 2000 mA 1 60 cyc/mn 250 V<br>500000 cycles 500 mA 0.4 60 cyc/mn 250 V |
| Depth                          | 2.72 in (69 mm)  |
| Height                         | 3.35 in (85 mm)  |
| Width                          | 1.10 in (28 mm)  |
| Net weight                     | 0.73 lb(US) (0.33 kg)  |

## Environment

|                                       |   |
|---------------------------------------|---|
| Product certifications                | CE  |
| Ambient air temperature for operation | -13...131 °F (-25...55 °C)                |
| Ambient air temperature for storage   | -40...158 °F (-40...70 °C)                |
| Vibration resistance                  | 7 gn +/- 1.5 mm 10...55 Hz) IEC 60068-2-6 |
| Shock resistance                      | 30 gn 11 ms) IEC 60068-2-27               |
| IP degree of protection               | IP40 double insulation IEC 60529          |

## Packing Units

|                              |                        |
|------------------------------|------------------------|
| Unit Type of Package 1       | PCE                    |
| Number of Units in Package 1 | 1                      |
| Package 1 Weight             | 12.24 oz (347 g)       |
| Package 1 Height             | 2.36 in (6 cm)         |
| Package 1 width              | 7.09 in (18 cm)        |
| Package 1 Length             | 7.87 in (20 cm)        |
| Unit Type of Package 2       | S04                    |
| Number of Units in Package 2 | 24                     |
| Package 2 Weight             | 21.12 lb(US) (9.58 kg) |
| Package 2 Height             | 11.81 in (30 cm)       |
| Package 2 width              | 15.75 in (40 cm)       |
| Package 2 Length             | 23.62 in (60 cm)       |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| EU RoHS Directive          | Compliant<br><a href="#">EU RoHS Declaration</a>  |
| Mercury free               | Yes   |
| RoHS exemption information | <a href="#">Yes</a>   |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|