

## Product data sheet

### Characteristics

# XUJB06031H69

photo-electric sensor - XUJ - reflex - kit - Sn 6m  
- 24..240VAC/DC - terminals



### Main

|                               |  |
|-------------------------------|--|
| Range of product              | Telemecanique Photoelectric sensors XU |
| Series name                   | Application tertiary sector            |
| Electronic sensor type        | Photo-electric sensor                  |
| Additional information        | German leaflet                         |
| Product specific application  | Buzzer signalling                      |
| Sensor name                   | XUJ                                    |
| Sensor design                 | Compact                                |
| Material                      | Plastic                                |
| Detection system              | Reflex                                 |
| Emission                      | Infrared                               |
| [Sn] nominal sensing distance | 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)<br>2 A (cos φ = 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, switching capacity: 2000 mA, cos f = 1, operating rate <60 cyc/mn at 250 V<br>500000 cycles, switching capacity: 500 mA, cos f = 0.4, operating rate <60 cyc/mn at 250 V |
| Depth                          | 69 mm  |
| Height                         | 85 mm  |

|            |         |
|------------|---------|
| Width      | 28 mm   |
| Net weight | 0.33 kg |



## Environment

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

## Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Height             | 6 cm    |
| Package 1 Width              | 17.5 cm |
| Package 1 Length             | 20 cm   |
| Package 1 Weight             | 325 g   |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| EU RoHS Directive          | Compliant  <a href="#">EU RoHS Declaration</a> |
| Mercury free               | Yes   |
| RoHS exemption information |  Yes   |
| 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 |
|----------|-----------|