

XUK5ARCNL2

photo-electric sensor - XUK - diffuse - Sn 1m -
24..240VAC/DC - cable 2m

Product availability: Stock - Normally stocked in distribution facility



Main

| | |
|-------------------------------|-----------------------------|
| Commercial Status | Commercialised |
| Range of product | OsiSense XU |
| Series name | General purpose single mode |
| Electronic sensor type | Photo-electric sensor |
| Sensor name | XUK |
| Sensor design | Compact 50 x 50 |
| Detection system | Diffuse |
| Material | Plastic |
| Type of output signal | Discrete |
| Supply circuit type | AC/DC |
| Wiring technique | 5-wire |
| Discrete output function | 1 C/O |
| Electrical connection | Cable |
| Cable length | 6.56 ft (2 m) |
| Product specific application | - |
| Emission | Infrared diffuse |
| [Sn] nominal sensing distance | 3.28 ft (1 m) diffuse |

Complementary

| | |
|---------------------------|---|
| Enclosure material | PBT |
| Lens material | PMMA |
| Maximum sensing distance | 4.92 ft (1.5 m) diffuse |
| Output type | Relay |
| Wire insulation material | PVC |
| Status LED | 1 LED (yellow) for output state |
| [Us] rated supply voltage | 24...240 V AC/DC |
| Switching capacity in mA | 3 A (cos φ = 1 for 0.5 million cycles at 1 operating cycle per second at 250 V) |
| Switching frequency | \leq 20 Hz |
| Voltage drop | \leq 1.5 V (closed state) |
| Power consumption in W | 2 W AC |
| Delay first up | $<$ 60 ms |
| Delay response | $<$ 25 ms |
| Delay recovery | $<$ 25 ms |
| Setting-up | Without sensitivity adjustment |
| Electrical durability | 500000 cycles, cos φ = 1, 60 cyc/mn at 250 V |
| Depth | 1.97 in (50 mm) |
| Height | 1.97 in (50 mm) |
| Width | 0.71 in (18 mm) |
| Product weight | 0.42 lb(US) (0.19 kg) |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

| | |
|---------------------------------------|---|
| Product certifications | CE CSA UL |
| 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, 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 | IP65 double insulation conforming to IEC 60529 |

Ordering and shipping details

| | |
|-----------------------|---|
| Category | 21571 - SENSORS, ELECTRONIC BASIC XU & XS |
| Discount Schedule | DS2 |
| GTIN | 00785901531029 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.40 |
| Product availability | Stock - Normally stocked in distribution facility |
| Returnability | Y |
| Country of origin | ID |

Offer Sustainability

| | |
|----------------------------------|---|
| Sustainable offer status | Not Green Premium product |
| RoHS | Compliant - since 0841 - Schneider Electric declaration of conformity |
| Product environmental profile | Available Download Product Environmental |
| Product end of life instructions | Available Download End Of Life Manual |

Contractual warranty

| | |
|--------|-----------|
| Period | 18 months |
|--------|-----------|