# XUX1ARCNT16

photo-electric sensor - XUX - reflex - Sn 14m - 24..240VAC/DC - terminals

Product availability: Stock - Normally stocked in distribution facility

## Main

| | |
|---|---|
| Range of product | OsiSense XU |
| Series name | General purpose single mode |
| Electronic sensor type | Photo-electric sensor |
| Sensor name | XUX |
| Sensor design | Compact 92 x 71 |
| Detection system | Reflex |
| Material | Plastic |
| Type of output signal | Discrete |
| Supply circuit type | AC/DC |
| Wiring technique | 5-wire |
| Discrete output function | 1 C/O |
| Electrical connection | Screw-clamp terminals, 1 x 1.5 mm² or 1 x 0.75 mm² with adaptor |
| Product specific application | - |
| Emission | Infrared reflex |
| [Sn] nominal sensing distance | 45.93 ft (14 m) reflex need reflector XUZC50 |

## Complementary

| | |
|---|---|
| Enclosure material | PBT |
| Lens material | PMMA |
| Maximum sensing distance | 65.62 ft (20 m) reflex |
| Output type | Relay |
| Cable entry | 1 entry for M16 x 1.5 cable gland, cable outer diameter: 0.28...0.39 in (7...10 mm) |
| Status LED | 1 LED (green) supply<br>1 LED (yellow) output state |
| [Us] rated supply voltage | 24...240 V AC/DC |
| Supply voltage limits | 20...264 V AC |
| 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 | <= 20 Hz |
| Voltage drop | <= 1.5 V (closed state) |
| Current consumption | <= 35 mA (no-load) |
| Power consumption in W | 2 W AC/DC |
| Delay first up | < 60 ms |
| Delay response | < 25 ms |
| Delay recovery | < 25 ms |
| Setting-up | Without sensitivity adjustment |
| Electrical durability | 500000 cycles, cos φ = 0.4, 60 cyc/mn at 250 V<br>500000 cycles, cos φ = 1, 60 cyc/mn at 250 V |
| Depth | 3.03 in (77 mm) |
| Height | 3.62 in (92 mm) |
| Width | 1.22 in (31 mm) |
| Product weight | 0.44 lb(US) (0.2 kg) |

## Environment

| | |
|---|---|
| Product certifications | CE<br>CSA<br>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<br>IP67 double insulation conforming to IEC 60529 |

## Ordering and shipping details

| | |
|---|---|
| Category | 22481 - SENSORS, PHOTOELECTRIC |
| Discount Schedule | DS2 |
| GTIN | 00785901489870 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.45000000000000001 |
| Returnability | Y |
| Country of origin | ID |

## Offer Sustainability

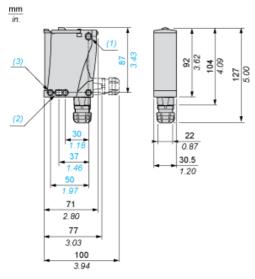| | |
|---|---|
| RoHS (date code: YYWW) | Compliant - since 0914 - Schneider Electric declaration of conformity ⧉ Schneider Electric declaration of conformity |
| REACh | Reference not containing SVHC above the threshold |
| California proposition 65 | WARNING: This product can expose you to chemicals including: |
| - - - - - - - Substance 1 | Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and |
| - - - - - - - Substance 2 | Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. |
| - - - - - - - More information | For more information go to www.p65warnings.ca.gov |

## Contractual warranty

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

Life Is On | Schneider Electric

# XUX1ARCNT16

## Dimensions



(1) Elongated hole Ø 5.5 x 7
(2) Elongated hole Ø 5.5 x 9
(3) Ø 5.5 hole

# XUX1ARCNT16

## Wiring Schemes

### Relay Output AC/DC

| Terminals | | |
|---|---|---|
| 1 | ⊘ | AC/DC |
| 2 | ⊘ | AC/DC |
| 3 | ⊘ | NO |
| 4 | ⊘ | Relay common |
| 5 | ⊘ | NC |

Life Is On | Schneider Electric

## Detection Curves



With reflector XUZC50

# X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for* Photoelectric Sensors *category:*

*Click to view products by* Schneider *manufacturer:*

Other Similar products are found below :

7442AD2X5FRX  EX-19B-LP  EX-19SB-PN  7443AR0X5FRX  7452AD4D4NNX  F3WD052C5M  7655AR-04-F-1-2-RX  7694ADE04DS2X  FE7C-FRC6S-M  FX-305  PM-R24-R  Q45VR2FPQ  13104RQD07  E3JUXM4MN  E3L2DC4  E3S3LE21  E3SCT11M1J03M  E3SDS20E21  E3VDS70C43S  E3XNM16  BR23P  HOA6563-001  OJ-3307-30N8  OS-311A-30  P32013  P34036  P43004  P56001  P60001  PB10CNT15PO  S14132  935286-000  S52101  S56258  SH-21E  EX-L261-P  FD-SN500  FE7B-FDRB6-M  SU-79  T36342  T40300  T60001  PD60CNX20BP  FX-302-HY  FZS  PM-T64W  PX-22  PZ2-51P  CX-491-P-J  CYNUTX10