

XUX2ARCNT16R

photo-electric sensor - XUX - receiver - Sn 40m
- 24..240VAC/DC - terminals



Main

| | |
|-------------------------------|---|
| Range of product | OsiSense XU |
| Series name | General purpose single mode |
| Electronic sensor type | Photo-electric sensor receiver |
| Sensor name | XUX |
| Sensor design | Compact 92 x 71 |
| Detection system | Thru beam |
| Material | Plastic |
| Type of output signal | Discrete |
| Supply circuit type | AC/DC |
| Wiring technique | 5-wire |
| Discrete output function | 1 NC + 1 NO |
| Electrical connection | Screw-clamp terminals, 1 x 1.5 mm ² or 1 x 0.75 mm ² with adaptor |
| Product specific application | - |
| Emission | Infrared thru beam |
| [Sn] nominal sensing distance | 40 m thru beam need a transmitter XUX0ARCTT16T |

Complementary

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|---------------------------|--|
| Enclosure material | PBT |
| Lens material | PMMA |
| Maximum sensing distance | 60 m thru beam |
| Output type | Relay |
| Add on output | Without |
| Cable entry | 1 entry for M16 x 1.5 cable gland, cable outer diameter: 7...10 mm |
| Status LED | 1 LED (yellow) for output state 1 LED (green) for supply |
| [Us] rated supply voltage | 24...240 V AC/DC |
| Supply voltage limits | 20...264 V AC/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) 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) |
| Power consumption in W | 2 W AC/DC |
| Delay first up | < 60 ms |
| Delay response | < 25 ms |
| Delay recovery | < 25 ms |
| Setting-up | Sensitivity adjustment |
| Electrical durability | 500000 cycles, cos f = 0.4, 500 cyc/mn, relayoutput(s) 500000 cycles, cos f = 1, 3000 cyc/mn, relayoutput(s) |
| Depth | 77 mm |
| Height | 92 mm |
| Width | 31 mm |
| Product weight | 0.2 kg |

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Environment

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|---------------------------------------|--|
| Product certifications | CE CSA UL |
| 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 | IP65 double insulation conforming to IEC 60529 IP67 double insulation conforming to IEC 60529 |

Offer Sustainability

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|--------------------------|---|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 0914 - Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |

Wiring Schemes

Relay Output AC/DC

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

Detection Curves

