

Product Datasheet

Characteristic

XUK9ARCNL2

photo-electric sensor - XUK - polarised -
Sn 5m - 24..240VAC/DC - cable 2m



Main

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|-------------------------------|---|
| 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 | polarised 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 | cable |
| cable length | 6.56 ft (2 m) |
| product specific application | - |
| emission | red polarised reflex |
| [Sn] nominal sensing distance | 19.69 ft (6 m) polarised reflex need reflector XUZC50 |

Complementary

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|---------------------------|--|
| enclosure material | PBT |
| lens material | PMMA |
| maximum sensing distance | 26.25 ft (8 m) polarised reflex |
| output type | relay |
| wire insulation material | PVC |
| status LED | 1 LED yellow output state 1 LED (green) supply |
| [Us] rated supply voltage | 24...240 V AC/DC |
| supply voltage limits | 20...264 V AC 20...264 V 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) |
| current consumption | \leq 35 mA no-load |

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|------------------------|--|
| 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, $\cos \varphi = 1$, 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 | 0.08 lb(US) (0.035 kg) |

Environment

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|---------------------------------------|---|
| product certifications | CE Ecolab |
| 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 |

Offer Sustainability

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|----------------------------------|---|
| Sustainable offer status | Not Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 0841 - Schneider Electric declaration of conformity |
| Product environmental profile | Available |
| Product end of life instructions | Available |