

XUK1ARCNL5

photo-electric sensor - XUK - reflex - Sn 7m -
24..240VAC/DC - cable 5m



Main

| | |
|-------------------------------|----------------------------------|
| 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 | 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 | 5 m |
| Product specific application | - |
| Emission | Infrared reflex |
| [Sn] nominal sensing distance | 7 m reflex need reflector XUZC50 |

Complementary

| | |
|---------------------------|---|
| Enclosure material | PBT |
| Lens material | PMMA |
| Maximum sensing distance | 10 m reflex |
| Output type | Relay |
| Cable composition | 5 x 0.34 mm ² |
| Wire insulation material | PVC |
| Cable outer diameter | 6 mm |
| Status LED | 1 LED (green) for supply 1 LED (yellow) for 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 |
| Current consumption | <= 35 mA (no-load) |
| 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 f = 1, 60 cyc/mn at 250 V |
| Depth | 50 mm |
| Height | 50 mm |
| Width | 18 mm |
| Product weight | 0.035 kg |

Environment

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|---------------------------------------|--------------|
| product certifications | CE Ecolab |
| ambient air temperature for operation | -25...55 °C |

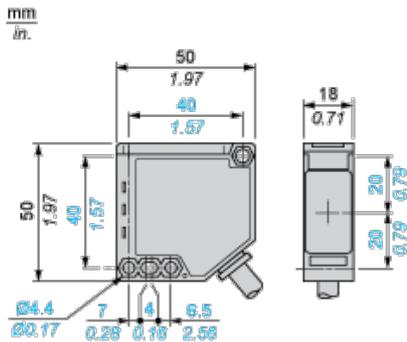
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| | |
|-------------------------------------|---|
| ambient air temperature for storage | -40...70 °C |
| vibration resistance | 7 gn, amplitude = +/- 1.5 mm (f = 10...55 Hz) conforming to IEC 60068-2-6 |
| shock resistance | 30 gn (duration = 11 ms) conforming to IEC 60068-2-27 |
| IP degree of protection | IP65 double insulation conforming to IEC 60529 |

Offer Sustainability

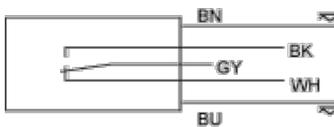
| | |
|----------------------------------|---|
| Sustainable offer status | Not Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 0841 - Schneider Electric declaration of conformity |
| Product environmental profile | Available |
| Product end of life instructions | Available |

Dimensions



Wiring Schemes

Relay Output



BN : Brown

BU : Blue

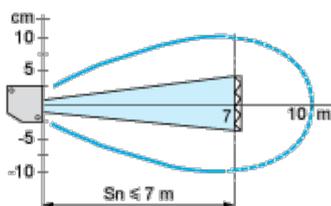
NO/BK :Black

Relay Grey

common/GY :

NC/WH :White

Detection Curves



With reflector XUZC50