

# XUX5ARCNT16

photo-electric sensor - XUX - diffuse - Sn 2.1m  
- 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	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	Screw-clamp terminals, 1 x 1.5 mm <sup>2</sup> or 1 x 0.75 mm <sup>2</sup> with adaptor
Product specific application	-
Emission	Infrared diffuse
[Sn] nominal sensing distance	6.89 ft (2.1 m) diffuse

## Complementary

Enclosure material	PBT
Lens material	PMMA
Maximum sensing distance	9.84 ft (3 m) diffuse
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 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 $\varphi$ = 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)
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 $\varphi$ = 0.4, 60 cyc/mn at 250 V 500000 cycles, cos $\varphi$ = 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)

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## 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 IP67 double insulation conforming to IEC 60529

## Ordering and shipping details

Category	22481 - SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
GTIN	00785901500957
Nbr. of units in pkg.	1
Package weight(Lbs)	0.44
Returnability	Y
Country of origin	FR

## Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 0914 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
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 <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>

## Contractual warranty

Warranty period	18 months
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## Dimensions



- (1) Elongated hole  $\text{\O} 5.5 \times 7$
- (2) Elongated hole  $\text{\O} 5.5 \times 9$
- (3)  $\text{\O} 5.5$  hole

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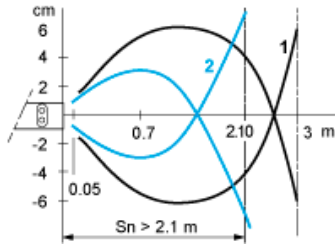
## Wiring Schemes

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### Relay Output AC/DC

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

Detection Curves



- 1 : White 90%
  - 2 : Grey 18%
- Object 10 x 10 cm

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