

XUX1ARCNT16

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



Product availability: Stock - Normally stocked in distribution facility



Main

Commercial Status	Commercialised
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 mm ² or 1 x 0.75 mm ² 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) for supply 1 LED (yellow) for output state
[Us] rated supply voltage	24...240 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 φ = 1, 60 cyc/mn at 250 V 500000 cycles, cos φ = 0.4, 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	00785901489870
Nbr. of units in pkg.	1
Package weight(Lbs)	0.45
Product availability	Stock - Normally stocked in distribution facility
Returnability	Y
Country of origin	ID

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 0914 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available Download Product Environmental
Product end of life instructions	Available Download End Of Life Manual

Contractual warranty

Period	18 months
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