XUX0ARCTT16T

photo-electric sensor - XUX - emitter - 24..240VAC/DC - terminals





Main

Range of product	OsiSense XU		
Series name	General purpose multimode		
Electronic sensor type	Photo-electric sensor transmitter		
Sensor name	XUX		
Sensor design	Compact 92 x 71		
Detection system	Thru beam		
Material	Plastic		
Supply circuit type	AC/DC		
Wiring technique	3-wire		
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 receiver		

Complementary

Complementary				
Enclosure material	PBT			
Lens material	PMMA			
Maximum sensing distance	60 m thru beam			
Add on input	Test by emission breaking			
Cable entry	1 entry for M16 x 1.5 cable gland, cable outer diameter: 710 mm			
Status LED	1 LED (green) for supply on			
[Us] rated supply voltage	24240 V AC/DC			
Supply voltage limits	20264 V AC/DC			
Switching capacity in mA	0.5 A ($\cos \varphi$ = 0.4 for 0.5 million cycles at 1 operating cycle per second at 250 V) 3 A ($\cos \varphi$ = 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)			
Current consumption	20 mA (no-load)			
Time delay range	0.0215 s monostable, on-delay or off-delay (programmable) delay			
Delay first up	< 200 ms			
Delay response	< 25 ms			
Delay recovery	< 25 ms			
Setting-up	Without sensitivity adjustment			
Electrical durability	500000 cycles, cos f = 0.4, 500 cyc/mn 500000 cycles, cos f = 1, 3000 cyc/mn			
Depth	77 mm			
Height	92 mm			
Width	31 mm			
Product weight	0.2 kg			

Environment

Product certifications	CE CSA UL		
Ambient air temperature for operation	-2555 °C		
Ambient air temperature for storage	-4070 °C		
Vibration resistance	7 gn, amplitude = +/- 1.5 mm (f = 1055 Hz) conforming to IEC 60068-2		
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

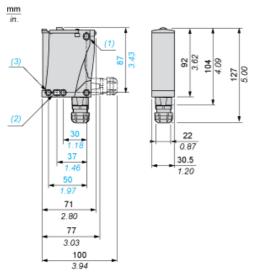
Sustainable offer status	Green Premium product		
RoHS (date code: YYWW)	Compliant - since 0914 - Schneider Electric declaration of conformity		
REACh	Reference not containing SVHC above the threshold		



Product data sheet Dimensions Drawings

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Dimensions



- (1) Elongated hole Ø 5.5 x 7
- (2) Elongated hole Ø 5.5 x 9
- (3) Ø 5.5 hole

Product data sheet Connections and Schema

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Wiring Schemes

Transmitter DC

M12		Terminals		
1	•	1	\oslash	+
3	•	2	\oslash	-
2	•	3	\oslash	Beam break input (1)

⁽¹⁾ Input not connected: beam made. Input connected to –: beam broken.

Product data sheet Performance Curves

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Detection Curves

