Product data sheet Characteristics

XUX0ARCTT16T

Photoelectric sensors XU, XUX, emitter, 24...240VAC/DC, terminals





Main

Range of Product	Telemecanique Photoelectric sensors 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	131.23 ft (40 m) thru beam need a receiver	

Complementary

Enclosure Material	PBT		
Lens material	PMMA		
Maximum sensing distance	196.85 ft (60 m) thru beam		
Add on input	Test by emission breaking		
Cable entry	1 entry for M16 x 1.5 cable gland 0.280.39 in (710 mm)		
Status LED	1 LED green)supply on		
[Us] rated supply voltage	24240 V AC/DC		
Supply voltage limits	20264 V AC/DC		
Switching capacity in mA	0.5 A $\cos \phi$ = 0.4 for 0.5 million cycles at 1 operating cycle per second at 250 V) 3 A $\cos \phi$ = 1 for 0.5 million cycles at 1 operating cycle per second at 250 V)		
Switching frequency	<= 20 Hz		
Maximum 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)		
Maximum delay first up	200 ms		
Maximum delay response	25 ms		
Maximum delay recovery	25 ms		
Setting-up	Without sensitivity adjustment		
Electrical durability	500000 Cycles 0.4 500 cyc/mn 500000 cycles 1 3000 cyc/mn		
Depth	3.03 in (77 mm)		
Height	3.62 in (92 mm)		
Width	1.22 in (31 mm)		
Net Weight	0.44 lb(US) (0.2 kg)		

Environment

UL CSA CE	
-13131 °F (-2555 °C)	
-40158 °F (-4070 °C)	
7 gn +/- 1.5 mm 1055 Hz) IEC 60068-2-6	
30 gn 11 ms) IEC 60068-2-27	
IP65 double insulation IEC 60529 IP67 double insulation IEC 60529	

Ordering and shipping details

Category	22481 - SENSORS, PHOTOELECTRIC		
Discount Schedule	DS2		
GTIN	3389110168327		
Nbr. of units in pkg.	1		
Package weight(Lbs)	6.60 oz (187 g)		
Returnability	Yes		
Country of origin	FR		

Packing Units

r doking office	
Unit Type of Package 1	PCE
Package 1 Height	1.57 in (4 cm)
Package 1 width	3.74 in (9.5 cm)
Package 1 Length	5.12 in (13 cm)
Unit Type of Package 2	S02
Number of Units in Package 2	22
Package 2 Weight	9.78 lb(US) (4.434 kg)
Package 2 Height	5.91 in (15 cm)
Package 2 width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)

Offer Sustainability

Sustainable offer status Green Premium product		
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov	
REACh Regulation	REACh Declaration	
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration	
Mercury free	Yes	
RoHS exemption information	€Yes	
Environmental Disclosure	Product Environmental Profile	
Circularity Profile	☑ End Of Life Information	

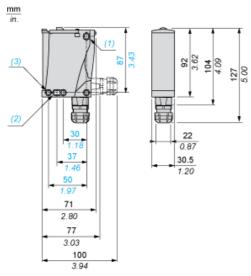
Contractual warranty

Warranty	1	8 months

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

