# Product data sheet Characteristics

# XUX5ARCNT16

Photoelectric sensors XU, XUX, diffuse, Sn 2.1 m, 24...240VAC/DC, terminals





#### Main

Man		
Range of product	Telemecanique Photoelectric sensors 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 mm² or 1 x 0.75 mm² with adaptor	
Product specific application	-	
Emission	Infrared diffuse	
[Sn] nominal sensing distance	2.1 M diffuse	

#### Complementary

Enclosure material	PBT	
Lens material	PMMA	
Maximum sensing distance	3 M diffuse	
Output type	Relay	
Cable entry	1 entry for M16 x 1.5 cable gland, cable outer diameter: 710 mm	
Status LED	1 LED (yellow) for output state 1 LED (green) for supply	
[Us] rated supply voltage	24240 V AC/DC	
Supply voltage limits	20264 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	<= 20 Hz	
Maximum voltage drop	<1.5 V (closed state)	
Current consumption	<= 35 mA no-load	
Maximum power consumption in W	2 W AC/DC	
Maximum delay first up	60 Ms	
Maximum delay response	25 Ms	
Maximum delay recovery	25 Ms	

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thy of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof, chiefer Electric industries SAS nor any of its affliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Electrical durability	500000 Cycles, cos f = 1, operating rate <60 cyc/mn at 250 V 500000 Cycles, cos f = 0.4, operating rate <60 cyc/mn at 250 V	
Depth	77 Mm	
Height	92 Mm	
Width	31 Mm	
Net weight	0.2 Kg	

## Environment

Product certifications	UL CSA CE	
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 60068-2-6	
Shock resistance	30 gn (duration = 11 ms) conforming to IEC 60068-2-27	
IP degree of protection	IP67 double insulation conforming to IEC 60529 IP65 double insulation conforming to IEC 60529	

## Packing Units

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Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	200.0 G
Package 1 Height	4.2 Cm
Package 1 width	9.2 Cm
Package 1 Length	13.3 Cm
Unit Type of Package 2	S02
Number of Units in Package 2	22
Package 2 Weight	4.71 Kg
Package 2 Height	15 Cm
Package 2 width	30 Cm
Package 2 Length	40 Cm

## Offer Sustainability

Green Premium product  REACH Declaration  Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration		
		Yes
		₫Yes
Product Environmental Profile		
<sup>™</sup> End Of Life Information		

## Contractual warranty

Warranty	18 months

Product Life Status:	Commercialised	
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