Product data sheet
Characteristics

XUX2ARCNT16R
Photoelectric sensors XU, XUX, receiver, Sn 40 m, 24...240VAC/DC, terminals



Main

Range of product	Telemecanique Photoelectric sensors XU
Series name	General purpose single mode
Electronic sensor type	Photo-electric sensor receiver
Sensor name	XUX
Sensor design	Compact 92 x 71
Detection system	Thru beam
Material	Plastic
Type of output signal	Discrete
Supply circuit type	AC/DC
Wiring technique	5-wire
Discrete output function	1 NC + 1 NO
Electrical connection	Screw-clamp terminals, 1 x 1.5 mm² or 1 x 0.75 mm² with adaptor
Product specific application	-
Emission	Infrared thru beam
[Sn] nominal sensing distance	40 M thru beam need a transmitter XUX0ARCTT16T

Complementary

Enclosure material	PBT
Lens material	PMMA
Maximum sensing distance	60 M thru beam
Output type	Relay
Add on output	Without
Cable entry	1 entry for M16 x 1.5 cable gland, cable outer diameter: 7…10 mm
Status LED	1 LED (yellow) for output state 1 LED (green) for supply
[Us] rated supply voltage	24...240 V AC/DC
Supply voltage limits	20…264 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
Maximum voltage drop	<1.5 V (closed state)
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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Electrical durability	500000 Cycles, cos f = 0.4, operating rate <500 cyc/mn, relay output(s) 500000 Cycles, cos f = 1, operating rate <3000 cyc/mn, relay output(s)
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	-25…55 °C
Ambient air temperature for storage	-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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	195.0 G
Package 1 Height	4.2 Cm
Package 1 width	9.6 Cm
Package 1 Length	13.2 Cm
Unit Type of Package 2	S02
Number of Units in Package 2	22
Package 2 Weight	4.694 Kg
Package 2 Height	15 Cm
Package 2 width	30 Cm
Package 2 Length	40 Cm

Offer Sustainability

Sustainable offer status	Green Premium product
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	18 months

Product Life Status : Commercialised