Product data sheet
Characteristics

XUK0ARCTL2T
Photoelectric sensors XU, XUK, emitter, 24...240 VAC, cable 2 m



Main

Range of Product	Telemecanique Photoelectric sensors XU
Series name	General purpose multimode
Electronic sensor type	Photo-electric sensor transmitter
Sensor name	XUK
Sensor design	Compact 50 x 50
Detection system	Thru beam
Material	Plastic
Supply circuit type	AC/DC
Wiring Technique	2-wire
Electrical connection	Cable
Cable length	6.56 ft (2 m)
Product Specific Application	-
Emission	Infrared thru beam
[Sn] nominal sensing distance	98.43 ft (30 m) thru beam need a receiver

Complementary

Enclosure Material	PBT
Lens material	PMMA
Maximum sensing distance	114.83 ft (35 m) thru beam
Add on input	Test by emission breaking
Wire insulation material	PvR
Status LED	1 LED green)supply on
[Us] rated supply voltage	12...240 V DC 24...240 V AC
Supply voltage limits	10…264 V DC 20…264 V AC
Switching capacity in mA	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)
Time delay range	0...10 s monostable, on-delay or off-delay (programmable)
Setting-up	Without sensitivity adjustment
Depth	1.97 in (50 mm)
Height	1.97 in (50 mm)
Width	0.71 in (18 mm)

Environment

Product Certifications	CSA CE 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 +/- 1.5 mm 10…55 Hz) IEC 60068-2-6
Shock resistance	30 gn 11 ms) IEC 60068-2-27
IP degree of protection	IP65 double insulation IEC 60529

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
It is the duty 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.
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Ordering and shipping details

Category	22481 - SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
GTIN	3389110160451
Nbr. of units in pkg.	1
Package weight(Lbs)	5.43 oz (154 g)
Returnability	Yes
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	5.20 in (13.2 cm)
Package 1 width	3.74 in (9.5 cm)
Package 1 Length	1.65 in (4.2 cm)
Unit Type of Package 2	S02
Number of Units in Package 2	22
Package 2 Weight	8.27 lb(US) (3.752 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

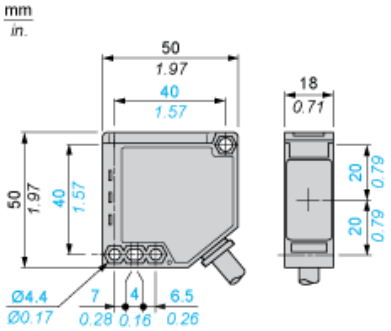
Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to 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	18 months

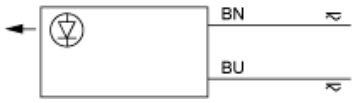
XUK0ARCTL2T

Dimensions



Wiring Schemes

Thru-beam Transmitter AC



BN : Brown
BU : Blue

Detection Curves

With Thru-beam Accessory (Thru-beam)

