

Product Datasheet

Characteristic

XUK0ARCTL2T

photo-electric sensor - XUK - emitter -
24..240VAC - cable 2m



Main

range of product	OsiSense 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	3-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	20...264 V AC 10...264 V DC
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	\leq 20 Hz
voltage drop	\leq 1.5 V (closed state)
time delay range	0...10 s monostable, on-delay or off-delay (programmable) delay
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	UL CE CSA
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, 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

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 0903 - Schneider Electric declaration of conformity
Product environmental profile	Available
Product end of life instructions	Available