

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	2 m
Product specific application	-
Emission	Infrared thru beam
[Sn] nominal sensing distance	30 m thru beam need a receiver

Complementary

Enclosure material	PBT
Lens material	PMMA
Maximum sensing distance	35 m thru beam
Add on input	Test by emission breaking
Wire insulation material	PvR
Status LED	1 LED (green) for 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	$\leq$ 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	50 mm
Height	50 mm
Width	18 mm

Environment

Product certifications	CE CSA UL
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

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0903 - Schneider Electric declaration of conformity
Product environmental profile	Available Download Product Environmental
Product end of life instructions	Available Download End Of Life Manual

Dimensions



Wiring Schemes

Thru-beam Transmitter AC



BN : Brown
BU : Blue

Detection Curves

With Thru-beam Accessory (Thru-beam)

