

# XUK8ARCTL2

photo-electric sensor - XUK - BGS - Sn 0.7m -  
24..240VAC/DC - cable 2m



## Main

Range of product	OsiSense XU
Series name	General purpose single mode
Electronic sensor type	Photo-electric sensor
Sensor name	XUK
Sensor design	Compact 50 x 50
Detection system	Diffuse with background suppression
Material	Plastic
Type of output signal	Discrete
Supply circuit type	AC/DC
Wiring technique	5-wire
Discrete output function	1 C/O
Electrical connection	Cable
Cable length	6.56 ft (2 m)
Product specific application	-
Emission	Infrared diffuse with background suppression
[Sn] nominal sensing distance	2.46 ft (0.75 m) diffuse with background suppression

## Complementary

Enclosure material	PBT
Lens material	PMMA
Maximum sensing distance	2.46 ft (0.75 m) diffuse with background suppression
Output type	Relay
Cable composition	5 x 0.34 mm <sup>2</sup>
Wire insulation material	PVC
Cable outer diameter	0.24 in (6 mm)
Status LED	1 LED green)supply on 1 LED yellow)output state
[Us] rated supply voltage	24...240 V AC/DC
Supply voltage limits	20...264 V AC 20...264 V DC
Switching capacity in mA	3 A cos $\phi$ = 1 for 0.5 million cycles at 1 operating cycle per second at 250 V)

Disclaimer: 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

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
Maximum delay first up	60 ms
Maximum delay response	25 ms
Maximum delay recovery	25 ms
Setting-up	Self teaching
Electrical durability	500000 cycles 1 60 cyc/mn 250 V
Depth	1.97 in (50 mm)
Height	1.97 in (50 mm)
Width	0.71 in (18 mm)
Net weight	0.33 lb(US) (0.15 kg)

## Environment

Product certifications	CE Ecolab
Ambient air temperature for operation	-4...140 °F (-20...60 °C)
Ambient air temperature for storage	-22...158 °F (-30...70 °C)
Vibration resistance	7 gn 10...55 Hz) IEC 60068-2-6
Shock resistance	30 gn 11 ms) IEC 60947-5-2
IP degree of protection	IP65 double insulation IEC 60529

## Packing Units

Package 1 Weight	0.40 lb(US) (0.181 kg)
Package 1 Height	0.400 dm
Package 1 width	0.950 dm
Package 1 Length	1.320 dm

## Offer Sustainability

REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>

## Contractual warranty

Warranty	18 months
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