Product Datasheet

Characteristic

XUK1ARCNL2

photo-electric sensor - XUK - reflex - Sn 7m - 24..240VAC/DC - cable 2m

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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	Reflex
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 reflex
[Sn] nominal sensing distance	22.97 ft (7 m) reflex need reflector XUZC50

Complementary

enclosure material	PBT
lens material	PMMA
maximum sensing distance	32.81 ft (10 m) reflex
output type	Relay
add on input	Breaking test
cable composition	5 x 0.34 mm²
wire insulation material	PVC
cable outer diameter	0.24 in (6 mm)
status LED	1 LED (green) supply 1 LED (yellow) output state
[Us] rated supply voltage	24...240 V AC/DC
supply voltage limits	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

current consumption	<= 35 mA (no-load)
power consumption in W	2 W AC
delay first up	< 60 ms
delay response	< 25 ms
delay recovery	< 25 ms
setting-up	Without sensitivity adjustment
electrical durability	500000 cycles, cos φ = 1, 60 cyc/mn at 250 V
depth	1.97 in (50 mm)
height	1.97 in (50 mm)
width	0.71 in (18 mm)
product weight	0.08 lb(US) (0.035 kg)

Environment

product certifications	CE Ecolab
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 0841 - Schneider Electric declaration of conformity
Product environmental profile	Available
Product end of life instructions	Available