

# XUK5ARCNL2

Photoelectric sensors XU, XUK, diffuse, Sn 1 m, 24...240VAC/DC, cable 2 m

## Main

Range of Product	Telemecanique Photoelectric sensors 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
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	6.6 ft (2 m)
Product Specific Application	-
Emission	Infrared diffuse
[Sn] nominal sensing distance	3.3 ft (1 m) diffuse

## Complementary

Enclosure Material	PBT
Lens material	PMMA
Maximum sensing distance	4.9 ft (1.5 m) diffuse
Output Type	Relay
Cable composition	5 x 0.34 mm <sup>2</sup>
Wire insulation material	PVC
Cable outer diameter	0.2 in (6 mm)
Status LED	1 LED yellow)output state 1 LED green)supply
[Us] rated supply voltage	24...240 V AC/DC
Supply voltage limits	20...264 V AC
Switching capacity in mA	3 A cos $\varphi$ = 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
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	Sensitivity adjustment
Electrical durability	500000 cycles 1 60 cyc/mn 250 V
Depth	2.0 in (50 mm)
Height	2.0 in (50 mm)
Width	0.7 in (18 mm)
Net Weight	0.077 lb(US) (0.035 kg)

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## Environment

Product Certifications	Ecolab[RETURN]CE
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


## Ordering and shipping details

Category	US10DS221571
Discount Schedule	0DS2
GTIN	3389110163049
Returnability	Yes
Country of origin	ID

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.65 in (4.199 cm)
Package 1 Width	3.78 in (9.599 cm)
Package 1 Length	5.17 in (13.137 cm)
Package 1 Weight	6.4 oz (181.0 g)
Unit Type of Package 2	S02
Number of Units in Package 2	22
Package 2 Height	5.91 in (15 cm)
Package 2 Width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	10.386 lb(US) (4.711 kg)
Unit Type of Package 3	P06
Number of Units in Package 3	352
Package 3 Height	29.53 in (75 cm)
Package 3 Width	23.62 in (60 cm)
Package 3 Length	31.50 in (80 cm)
Package 3 Weight	189.6 lb(US) (86 kg)

## Offer Sustainability

SCIP Number	C7e9a64a-7547-4475-a4ad-f104e30caf79
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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
RoHS exemption information	 Yes

## Contractual warranty

Warranty	18 months
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