Product data sheet
Characteristics

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	2 M
Product specific application	-
Emission	Infrared diffuse
[Sn] nominal sensing distance	1 M diffuse

Complementary

Enclosure material	PBT
Lens material	PMMA
Maximum sensing distance	1.5 M diffuse
Output type	Relay
Cable composition	5 x 0.34 mm²
Wire insulation material	PVC
Cable outer diameter	6 Mm
Status LED	1 LED (yellow) for output state 1 LED (green) for supply
[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
Maximum power consumption in W	2 W AC
Maximum delay first up	60 Ms

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Maximum delay recovery	25 Ms
Setting-up	Sensitivity adjustment
Electrical durability	500000 Cycles, cos f = 1, operating rate <60 cyc/mn at 250 V
Depth	50 Mm
Height	50 Mm
Width	18 Mm
Net weight	0.035 Kg

Environment

Product certifications	Ecolab CE
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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	181.0 G
Package 1 Height	4.199 Cm
Package 1 width	9.599 Cm
Package 1 Length	13.137 Cm
Unit Type of Package 2	S02
Number of Units in Package 2	22
Package 2 Weight	4.711 Kg
Package 2 Height	15 Cm
Package 2 width	30 Cm
Package 2 Length	40 Cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information

Contractual warranty

Warranty	18 months

Product Life Status : Commercialised