

XUC9ARCTL2

photo-electric sensor - XUC - polarised - Sn 6m
- 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	XUC
Sensor design	Compact
Detection system	Polarised 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	2 m
Product specific application	-
Emission	Red polarised reflex
[Sn] nominal sensing distance	6 m polarised reflex need reflector XUZC50

Complementary

Enclosure material	PC
Lens material	PMMA
Maximum sensing distance	9 m with reflector 50 x 50 mm
Output type	Relay
Output function governance	Light or dark programmable
Add on output	Without
Cable composition	5 x 0.34 mm ²
Wire insulation material	PvR
Cable outer diameter	6 mm
Status LED	1 LED (red) for stability 1 LED (yellow) for output state
[Us] rated supply voltage	24...240 V AC/DC
Supply voltage limits	20...264 V AC
Output voltage	<= 250 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
Power consumption in W	2 W
Time delay range	0...15 s monostable, on-delay or off-delay (programmable) delay
Delay first up	<= 60 ms
Delay response	<= 25 ms
Delay recovery	<= 25 ms
Setting-up	Sensitivity adjustment with potentiometer
Electrical durability	500000 cycles, switching capacity: 3000 mA, cos f = 1, 60 cyc/mn at 250 V
Depth	44 mm
Height	112 mm
Width	45 mm

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Product weight	0.22 kg
Kit composition	Reflector XUZC50 Sensor

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 (f = 10...55 Hz) conforming to IEC 60068-2-6
Shock resistance	20 gn (duration = 11 ms) conforming to IEC 60068-2-27
IP degree of protection	IP67 conforming to IEC 60529
NEMA degree of protection	NEMA 12 conforming to IEC 60529 NEMA 13 conforming to IEC 60529 NEMA 3 conforming to IEC 60529 NEMA 4 conforming to IEC 60529 NEMA 4X conforming to IEC 60529 NEMA 6 conforming to IEC 60529 NEMA 6P conforming to IEC 60529

Offer Sustainability

RoHS (date code: YYWW)	Will be compliant on 3Q2013
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Contractual warranty

Warranty period	18 months
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