

# XUC8ARCTL2

photo-electric sensor - XUC - BGS - Sn 1.2m -  
24..240VAC/DC - cable 2m

Product availability: Stock - Normally stocked in distribution facility



## Main

Commercial Status	Commercialised
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	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	3.94 ft (1.2 m) diffuse with background suppression

## Complementary

Enclosure material	PC
Lens material	PMMA
Maximum sensing distance	3.94 ft (1.2 m)
Output type	Relay
Output function governance	Light or dark programmable
Add on output	Without
Cable composition	5 x 0.34 mm <sup>2</sup>
Wire insulation material	PvR
Cable outer diameter	0.24 in (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 $\varphi$ = 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 $\varphi$ = 1, 60 cyc/mn at 250 V
Depth	1.73 in (44 mm)
Height	3.9 in (99 mm)
Width	1.77 in (45 mm)
Product weight	0.57 lb(US) (0.26 kg)

## Environment

Product certifications	CE CSA UL
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 (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 6P conforming to IEC 60529 NEMA 6 conforming to IEC 60529 NEMA 4X conforming to IEC 60529 NEMA 4 conforming to IEC 60529 NEMA 3 conforming to IEC 60529 NEMA 13 conforming to IEC 60529 NEMA 12 conforming to IEC 60529

## Ordering and shipping details

Category	22481 - SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
GTIN	00785901328407
Nbr. of units in pkg.	1
Package weight(Lbs)	0.62
Product availability	Stock - Normally stocked in distribution facility
Returnability	Y
Country of origin	FR

## Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS	Will be Compliant on 3Q2013

## Contractual warranty

Period	18 months
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