Product data sheet
Characteristics

XUJB06031H60
photo-electric sensor - XUJ - reflex - kit - Sn 6m - 24..240VAC/DC - terminals

Product availability : Non-Stock - Not normally stocked in distribution facility

Price* : 367.00 USD



Main

Range of product	OsiSense XU
Series name	Application tertiary sector
Electronic sensor type	Photo-electric sensor
Product specific application	Buzzer signalling
Sensor name	XUJ
Sensor design	Compact
Material	Plastic
Detection system	Reflex
Emission	Infrared
[Sn] nominal sensing distance	19.69 ft (6 m) with reflector Ø 80 mm
Wiring technique	4-wire
Sale per indivisible quantity	1

Complementary

Enclosure material	PEI
Type of output signal	Discrete
Output type	Relay
Discrete output function	1 NO
Output function governance	Dark
Electrical connection	Screw-clamp terminals, maximum : 1 x 1.5 mm²
Cable entry	1 entry for Pg 9 cable gland
Signalling function	Buzzer
Status LED	1 LED (yellow) output state
Supply circuit type	AC/DC
[Us] rated supply voltage	24...240 V AC 24...48 V DC
Supply voltage limits	20...264 V AC 20...60 V DC
Output voltage	<= 250 V AC <= 30 V DC
Switching capacity in mA	0.5 A (cos φ = 0.4 for 0.5 million cycles at 1 operating cycle per second at 250 V)

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

	2 A (cos φ = 1 for 1 million cycles at 1 operating cycle per second)
Switching frequency	<= 20 Hz
Power consumption in W	<= 2 W
Time delay range	0.3...3 s
Delay first up	<= 60 ms
Delay response	<= 25 ms
Delay recovery	<= 25 ms
Electrical durability	500000 cycles, switching capacity: 500 mA, cos φ = 0.4, 60 cyc/mn at 250 V 1000000 cycles, switching capacity: 2000 mA, cos φ = 1, 60 cyc/mn at 250 V
Depth	2.72 in (69 mm)
Height	3.35 in (85 mm)
Width	1.1 in (28 mm)
Product weight	0.73 lb(US) (0.33 kg)

Environment

Product certifications	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, 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	IP40 double insulation conforming to IEC 60529

Ordering and shipping details

Category	22481 - SENSORS, PHOTOELECTRIC
Discount Schedule	DS2
GTIN	00785901575160
Nbr. of units in pkg.	1
Package weight(Lbs)	0.71999999999999997
Returnability	N
Country of origin	FR

Offer Sustainability

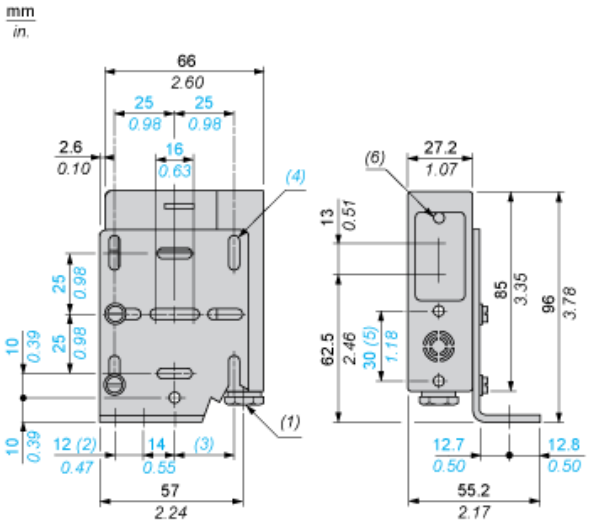
RoHS (date code: YYWW)	Compliant - since 1001 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
California proposition 65	WARNING: This product can expose you to chemicals including:
- - - - - - - Substance 1	Diisononyl phthalate (DINP) which is known to the State of California to cause cancer and
- - - - - - - Substance 2	Di-isodecyl phthalate (DIDP) which is known to the State of California to cause birth defects or other reproductive harm.
- - - - - - - More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months

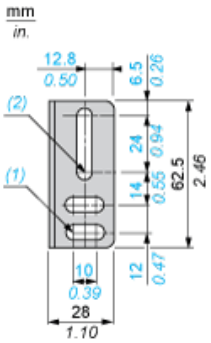
Dimensions

Sensor Dimensions



(1) 9P cable gland
(2) 2 elongated holes Ø 6.5 x 10
(3) 1 elongated hole Ø 6.5 x 24
(4) 8 elongated holes Ø 4.2 x 10
(5) Front fixing (Ø 4 screws and inserts included)
(6) Yellow LED

Bracket Fixing

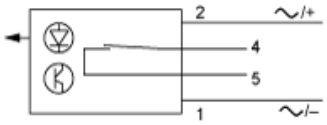


(1) 2 elongated holes Ø 6.5 x 16.5
(2) 1 elongated hole Ø 6.5 x 30.5

Wiring Schemes

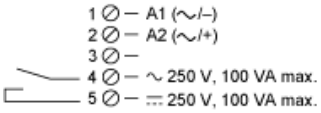
NO Function

Object present



Terminal Connections

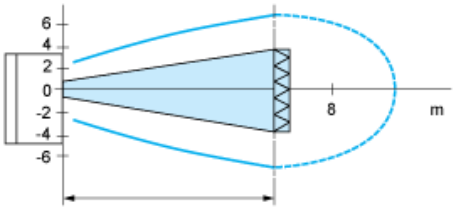
1 NO relay output



Curves

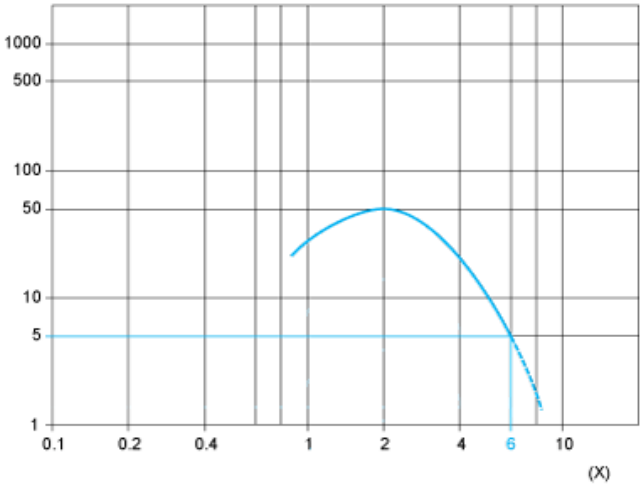
Detection Curve

Reflex System



Excess Gain Curves (Ambient Temperature: + 25° C)

Infrared reflex system with reflector XUZC80



(x) Distance (mm)