# XC1AC126H2

Limit switch, Limit switches XC Standard, with 1/2" NPT connector, xc1



## Main

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|---|---|
| Range of Product | OsiSense XC |
| Series name | Special format |
| Product or Component Type | Limit switch |
| Product Specific Application | Materials handling |
| Device short name | XC1AC |
| Sensor design | - |
| Body type | Fixed |
| Head type | Plunger head |
| Material | Metal |
| Fixing Mode | By the body |
| Movement of operating head | Linear |
| Type of operator | Spring return roller lever metal - |
| Switch actuation | By 30° cam |
| Type of approach | Lateral approach, 2 directions |
| Electrical connection | Screw-clamp terminals 1 x 0.5...1 x 2.5 mm² |
| Number of poles | 2 |
| Contacts type and composition | 1 NC + 1 NO |
| Contact operation | Slow-break, break before make |
| Number of steps | 1 |
| Positive opening | Without |
| Minimum force for tripping | 23 N |

## Complementary

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|---|---|
| Contacts insulation form | Zb |
| Maximum actuation speed | 3.28 Ft/S (1 m/s) from left<br>1.64 ft/s (0.5 m/s) from right |
| [Ithe] conventional enclosed thermal current | 10 A |
| [Ui] rated insulation voltage | 500 V ACIEC 60947-5-1<br>500 V ACNF C 20-040<br>600 V DCIEC 60947-5-1<br>600 V DCNF C 20-040<br>600 V ACCSA C22.2 No 14<br>600 V DCCSA C22.2 No 14 |
| Maximum resistance across terminals | 8 mOhm |
| Short-circuit protection | 10 A cartridge fuse gG |

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|---|---|
| Electrical durability | 1000000 Cycles, AC-15 50/60 Hz, inductive, 110 V, 900 VA 60 cyc/mn 0.5 IEC 60947-5-1 appendix C |
| | 1000000 Cycles, AC-15 50/60 Hz, inductive, 230 V, 1900 VA 60 cyc/mn 0.5 IEC 60947-5-1 appendix C |
| | 1000000 Cycles, AC-15 50/60 Hz, inductive, 48 V, 450 VA 60 cyc/mn 0.5 IEC 60947-5-1 appendix C |
| | 1000000 Cycles, DC-13, inductive, 110 V, 100 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C |
| | 1000000 Cycles, DC-13, inductive, 230 V, 95 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C |
| | 1000000 Cycles, DC-13, inductive, 48 V, 100 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C |
| | 3000000 Cycles, AC-15 50/60 Hz, inductive, 110 V, 350 VA 60 cyc/mn 0.5 IEC 60947-5-1 appendix C |
| | 3000000 Cycles, AC-15 50/60 Hz, inductive, 230 V, 430 VA 60 cyc/mn 0.5 IEC 60947-5-1 appendix C |
| | 3000000 Cycles, AC-15 50/60 Hz, inductive, 48 V, 170 VA 60 cyc/mn 0.5 IEC 60947-5-1 appendix C |
| | 3000000 Cycles, DC-13, inductive, 110 V, 40 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C |
| | 3000000 Cycles, DC-13, inductive, 230 V, 33 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C |
| | 3000000 cycles, DC-13, inductive, 48 V, 35 W 60 cyc/mn 0.5 IEC 60947-5-1 appendix C |
| Mechanical durability | 10000000 cycles |
| Width | 3.03 in (77 mm) |
| Height | 6.18 in (157 mm) |
| Depth | 1.73 in (44 mm) |
| Net Weight | 1.92 lb(US) (0.87 kg) |
| Terminals description ISO n°1 | (13-14)NO |
| | (11-12)NC |

## Environment

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|---|---|
| Shock resistance | 95 gn 11 ms IEC 60068-2-27 |
| Vibration resistance | 9 gn 10…500 Hz)IEC 60068-2-6 |
| IP degree of protection | IP65 conforming to IEC 60529 |
| | IP65 conforming to NF C 20-010 |
| Electrical shock protection class | Class I IEC 61140 |
| | Class I NF C 20-030 |
| Ambient Air Temperature for Operation | -13…158 °F (-25…70 °C) |
| Ambient Air Temperature for Storage | -40…158 °F (-40…70 °C) |
| Protective treatment | TC |
| Operating position | Any position |
| Product Certifications | CSA |
| Standards | CSA C22.2 No 14 |
| | IEC 60947-5-1 |
| | EN 60947-5-1 |
| | IEC 60337-1 |
| | VDE 0660-200 |

## Ordering and shipping details

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|---|---|
| Category | 22449-LIMIT SWITCHES,ACCESSORIES |
| Discount Schedule | T |
| GTIN | 3389118124004 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 20.99 oz (595.0 g) |
| Returnability | No |
| Country of origin | FR |

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## Packing Units

| | |
|---|---|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 3.62 in (9.2 cm) |
| Package 1 width | 3.03 in (7.7 cm) |
| Package 1 Length | 1.73 in (4.4 cm) |
| Unit Type of Package 2 | CAR |
| Number of Units in Package 2 | 1 |
| Package 2 Weight | 30.69 oz (870.0 g) |
| Package 2 Height | 3.62 in (9.2 cm) |
| Package 2 width | 3.03 in (7.7 cm) |
| Package 2 Length | 1.73 in (4.4 cm) |

## Offer Sustainability

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|---|---|
| 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 www.P65Warnings.ca.gov |
| REACh Regulation | REACh Declaration |
| EU RoHS Directive | Not applicable, out of EU RoHS legal scope |
| Environmental Disclosure | Product Environmental Profile |

## Contractual warranty

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| Warranty | 18 months |