# Product data sheet
## Characteristics

# L100WS0S2M61
## LIMIT SWITCH - 600V 10AMP - TYPE L + OPTIONS

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

### Main

| | |
|---|---|
| Range of product | L100/300 |
| Series name | Severe duty mill |
| Product or component type | Limit switch |
| Product specific application | Mill switch |
| Device short name | L100<br>L300 |
| Body type | Fixed |
| Head type | Rotary head |
| Sale per indivisible quantity | 1 |

### Complementary

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|---|---|
| Base plate style | Style 2 |
| Body material | Cast aluminium |
| Fixing mode | By the body |
| Type of operator | Spring return without operating lever |
| Contact sequence number | 24 |
| Function available | Neutral position |
| Switch actuation | From left<br>CW and CCW |
| Type of approach | Lateral approach |
| Electrical connection | Screw-clamp terminals (AWG 22...AWG 12) |
| Cable entry | 1 entry for 1/2" - 14 NPT conforming to ANSI B1.20.1 |
| Number of poles | 2 |
| Contacts style | D |
| Switch function | DPST-NO-DB |
| Contact form | Form XX |
| Contacts material | 90/10 AgCdO on copper backing stationary contact<br>Silver on steel backing moveable contact |
| Contact operation | Snap action |
| Positive opening | Without |
| Minimum torque for tripping | 170 ozf.in |
| Maximum actuation speed | 90 ft/min with 45° cam angle, levers only<br>130 ft/min with 30° cam angle, levers only |
| Tripping angle | 9 ° |
| Maximum displacement angle | 70 ° |
| Repeat accuracy | +/- 0.03 % |
| Contact code designation | A600 , AC (Ue = 600 V, Ie = 5 A) conforming to NEMA rating designation<br>A600 , AC (Ue = 480 V, Ie = 6.25 A) conforming to NEMA rating designation<br>A600 , AC (Ue = 240 V, Ie = 12.5 A) conforming to NEMA rating designation<br>A600 , AC (Ue = 120 V, Ie = 20 A) conforming to NEMA rating designation<br>P600 , DC (Ue = 600 V, Ie = 0.2 A) conforming to NEMA rating designation<br>P600 , DC (Ue = 250 V, Ie = 1 A) conforming to NEMA rating designation<br>P600 , DC (Ue = 120 V, Ie = 5 A) conforming to NEMA rating designation |
| [Ithe] conventional enclosed thermal current | 20 A |
| [Ui] rated insulation voltage | 600 V (degree of pollution: 3) conforming to UL 508<br>600 V (degree of pollution: 3) conforming to CSA C22.2 No 14<br>600 V (degree of pollution: 3) conforming to IEC 60947-1 |

| | |
|---|---|
| [Uimp] rated impulse withstand voltage | 2.5 kV AC for 1 minute conforming to CE<br>2.2 kV AC for 1 minute conforming to UL<br>2.64 kV AC for 1 minute conforming to CSA |
| Short-circuit protection | 20 A Bussmann class CC KTK-R-20 fuse with non-time delay |
| Width | 2.25 in |
| Height | 4.95 in |
| Depth | 3.41 in |
| Product weight | 1.5 lb(US) |
| Terminals description ISO n°1 | (1-2) left side contact<br>(3-4) right side contact |

## Environment

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|---|---|
| Shock resistance | 30 gn 9 ms conforming to IEC 60068-2-27 |
| Vibration resistance | 10 gn (f = 10...55 Hz) conforming to IEC 60068-2-6 |
| NEMA degree of protection | NEMA 1 Nema type 250<br>NEMA 2 Nema type 250<br>NEMA 4 Nema type 250<br>NEMA 12 Nema type 250<br>NEMA 13 Nema type 250 |
| IP degree of protection | IP67 conforming to IEC 60529 |
| Electrical shock protection class | Class 0 conforming to IEC 61140 |
| Ambient air temperature for operation | -10...185 °F |
| Ambient air temperature for storage | -10...185 °F |
| Protective treatment | Corrosion resistant gray paint |

## Ordering and shipping details

| | |
|---|---|
| Category | 22426 - LIMIT SWITCHES,TYPE L |
| Discount Schedule | DS1 |
| GTIN | 00785901807223 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 1.5 |
| Returnability | N |
| Country of origin | MX |

## Offer Sustainability

| | |
|---|---|
| RoHS (date code: YYWW) | Will not be compliant |
| REACh | Reference not containing SVHC above the threshold |
| Product environmental profile | Available |
| Product end of life instructions | Need no specific recycling operations |
| 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 |

# Mouser Electronics

Authorized Distributor

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Schneider Electric:

L100WS0S2M61