



Main

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| Range of product | L100/300 |
| Series name | Severe duty mill |
| Product or component type | Limit switch |
| Product specific application | Mill switch |
| Device short name | L300[RETURN]L100 |
| 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 | 10 |
| Function available | - |
| Switch actuation | From left CW |
| Type of approach | Lateral approach |
| Electrical connection | Screw-clamp terminals AWG 22...AWG 12 |
| Cable entry | 1 entry for 3/4" - 14 NPT conforming to ANSI B1.20.1 |
| Number of poles | 3 |
| CW operation contacts | 2 NC + 1 NO |
| CCW operation contacts | 1 NC + 2 NO |
| Contacts style | A |
| Switch function | TPDT-DB |
| Contact form | Form XXY |
| Contacts material | 90/10 AgCdO on copper backing stationary contact Silver on steel backing moveable contact |
| Contacts usage | - |
| Contact operation | Snap action |
| Positive opening | Without |
| Minimum torque for tripping | 190 ozf.in |
| Maximum actuation speed | 90 Ft/Min with 45° cam angle, levers only 130 ft/min with 30° cam angle, levers only |
| Tripping angle | 17 ° |
| Maximum displacement angle | 80 ° |
| Repeat accuracy | +/- 0.03 % |
| Contact code designation | A600, AC (Ue = 600 V) Ie = 5 A conforming to NEMA rating designation A600, AC (Ue = 480 V) Ie = 6.25 A conforming to NEMA rating designation A600, AC (Ue = 240 V) Ie = 12.5 A conforming to NEMA rating designation A600, AC (Ue = 120 V) Ie = 20 A conforming to NEMA rating designation P600, DC (Ue = 600 V) Ie = 0.2 A conforming to NEMA rating designation P600, DC (Ue = 250 V) Ie = 1 A conforming to NEMA rating designation 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 (pollution degree 3) conforming to CSA C22.2 No 14 |

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| [Uimp] rated impulse withstand voltage | 2.64 kV AC for 1 minute conforming to CSA |
| Short-circuit protection | 20 A Bussmann class CC KTK-R-20 non-time delay |
| Width | 57.15 mm |
| Height | 125.73 mm |
| Depth | 86.61 mm |
| Net weight | 0.7 kg |
| Terminals description ISO n°1 | (5-6) center contact |


Environment

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| Shock resistance | 30 gn for 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 4 conforming to Nema type 250 NEMA 12 conforming to Nema type 250 NEMA 13 conforming to 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 |

Packing Units

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|------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 32.258 cm |
| Package 1 Width | 12.7 cm |
| Package 1 Length | 81.935 cm |
| Package 1 Weight | 680.389 g |

Offer Sustainability

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| Environmental Disclosure |  Product Environmental Profile |
| Circularity Profile | No need of specific recycling operations |
| 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 |
| For all Reach Rohs enquiries contact us at | sustainability@tesensors.com |

Contractual warranty

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| Warranty | 18 months |
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