

Main

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| Range of product | L525 |
| Series name | Severe duty mill |
| Product or component type | Limit switch |
| Product specific application | Belt conveyor switch |
| Device short name | L525 |
| 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 | 57 |
| Function available | 2 stages sequential |
| Switch actuation | CCW From right |
| 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 type and composition | 2 NO |
| Switch function | DPST-NO-DB |
| Contact form | Form XX |
| 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 | 150 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 | 12 ° - for conveyor belt monitoring and stopping |
| Maximum displacement angle | 80 ° |
| 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 (degree of pollution: 3) conforming to IEC 60947-1 600 V (degree of pollution: 3) conforming to UL 508 600 V (degree of pollution: 3) conforming to CSA C22.2 No 14 |
| [Uimp] rated impulse withstand voltage | 2.5 kV AC for 1 minute conforming to CE 2.2 kV AC for 1 minute conforming to UL 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 |

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| Depth | 3.41 in |
| Product weight | 1.5 lb(US) |
| Terminals description ISO n°1 | (1-2) left side contact (5-6) 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 NEMA 2 Nema type 250 NEMA 4 Nema type 250 NEMA 12 Nema type 250 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 |

Offer Sustainability

| | |
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| Not Green Premium product | Not Green Premium product |
| Will not be Compliant | Will not be Compliant |
| Reference not containing SVHC above the threshold | Reference not containing SVHC above the threshold |
| Available | Available |
| Need no specific recycling operations | Need no specific recycling operations |
| WARNING: This product can expose you to chemicals including: | WARNING: This product can expose you to chemicals including: |
| Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and | 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. | 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 more information go to www.p65warnings.ca.gov |

Contractual warranty

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| Warranty period | 18 months |
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