

L525WDR2M59

LIMIT SWITCH 600V 12AMP TYPE L +OPTIONS

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

Main

| | |
|-------------------------------|----------------------|
| 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

| | |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 | 59 |
| 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 NC |
| Switch function | DPST-NC-DB |
| Contact form | Form YY |
| 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 UL 508 600 V (degree of pollution: 3) conforming to CSA C22.2 No 14 600 V (degree of pollution: 3) conforming to IEC 60947-1 |

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| | |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| [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 |
| Depth | 3.41 in |
| Product weight | 1.5 lb(US) |
| Terminals description ISO n°1 | (3-4) right side contact (5-6) left side contact |

Environment

| | |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| 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 |

Ordering and shipping details

| | |
|-----------------------|-------------------------------|
| Category | 22426 - LIMIT SWITCHES,TYPE L |
| Discount Schedule | DS1 |
| GTIN | 00785901170143 |
| 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 |
|-----------------|-----------|

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