



### 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             | L300<br>L100     |
| 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                      | 39                                                                                                                                                                                                                                       |
| Function Available                           | Neutral position                                                                                                                                                                                                                         |
| Switch actuation                             | CW and CCW<br>From left or right                                                                                                                                                                                                         |
| Type of approach                             | Lateral approach                                                                                                                                                                                                                         |
| Electrical connection                        | Screw-clamp terminals AWG 22...AWG 12                                                                                                                                                                                                    |
| Cable entry                                  | 1 entry for 3/4" - 14 NPT ANSI B1.20.1                                                                                                                                                                                                   |
| Number of poles                              | 3                                                                                                                                                                                                                                        |
| Contacts type and composition                | 2 NO + 1 NC                                                                                                                                                                                                                              |
| CW operation contacts                        | 1 NC + 2 NO                                                                                                                                                                                                                              |
| CCW operation contacts                       | 2 NC + 1 NO                                                                                                                                                                                                                              |
| Contacts style                               | B                                                                                                                                                                                                                                        |
| Switch Function                              | TPDT-DB                                                                                                                                                                                                                                  |
| Contact form                                 | Form XXY                                                                                                                                                                                                                                 |
| Contacts material                            | 90/10 AgCdO on copper backing stationary contact<br>Silver on steel backing moveable contact                                                                                                                                             |
| Contacts usage                               | -                                                                                                                                                                                                                                        |
| Contact operation                            | Slow-break, break before make                                                                                                                                                                                                            |
| Positive opening                             | Without                                                                                                                                                                                                                                  |
| Minimum torque for tripping                  | 95 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                               | 7 °                                                                                                                                                                                                                                      |
| Maximum displacement angle                   | 70 °                                                                                                                                                                                                                                     |
| Contact code designation                     | A600, AC (Ue = 600 V) Ie = 1.2 A NEMA rating designation<br>A600, AC (Ue = 480 V) Ie = 1.5 A NEMA rating designation<br>A600, AC (Ue = 240 V) Ie = 3 A NEMA rating designation<br>A600, AC (Ue = 120 V) Ie = 6 A NEMA rating designation |
| [Ithe] conventional enclosed thermal current | 20 A                                                                                                                                                                                                                                     |
| [Ui] rated insulation voltage                | 600 V 3)IEC 60947-1<br>600 V 3)UL 508<br>600 V 3)CSA C22.2 No 14                                                                                                                                                                         |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

|                                        |                                                                                       |
|----------------------------------------|---------------------------------------------------------------------------------------|
| [Uimp] rated impulse withstand voltage | 2.5 KV AC for 1 minute CE<br>2.2 KV AC for 1 minute UL<br>2.64 kV AC for 1 minute CSA |
| Short-circuit protection               | 20 A Bussmann class CC KTK-R-20 non-time delay                                        |
| Width                                  | 2.25 in (57.15 mm)                                                                    |
| Height                                 | 4.95 in (125.73 mm)                                                                   |
| Depth                                  | 3.41 in (86.61 mm)                                                                    |
| Net Weight                             | 1.5 lb(US) (0.68 kg)                                                                  |
| Terminals description ISO n°1          | (3-4) right side contact<br>(5-6) center contact<br>(1-2) left side contact           |

## Environment

|                                       |                                                                                                                        |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Shock resistance                      | 30 gn 9 ms IEC 60068-2-27                                                                                              |
| Vibration resistance                  | 10 gn 10...55 Hz)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 IEC 61140                                                                                                      |
| Ambient Air Temperature for Operation | -10...185 °F (-23...85 °C)                                                                                             |
| Ambient Air Temperature for Storage   | -10...185 °F (-23...85 °C)                                                                                             |
| Protective treatment                  | Corrosion resistant gray paint                                                                                         |

## Ordering and shipping details

|                       |                             |
|-----------------------|-----------------------------|
| Category              | 22426-LIMIT SWITCHES,TYPE L |
| Discount Schedule     | DS1                         |
| GTIN                  | 785901161707                |
| Nbr. of units in pkg. | 1                           |
| Package weight(Lbs)   | 24.00 oz (680.389 g)        |
| Returnability         | No                          |
| Country of origin     | MX                          |

## Packing Units

|                        |                     |
|------------------------|---------------------|
| Unit Type of Package 1 | PCE                 |
| Package 1 Height       | 2.30 in (5.842 cm)  |
| Package 1 width        | 2.80 in (7.112 cm)  |
| Package 1 Length       | 5.10 in (12.954 cm) |

## Offer Sustainability

|                           |                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation          |  <a href="#">REACH Declaration</a>                                                                                                                                                                                                                                                             |
| EU RoHS Directive         | Not applicable, out of EU RoHS legal scope                                                                                                                                                                                                                                                                                                                                        |
| Environmental Disclosure  |  <a href="#">Product Environmental Profile</a>                                                                                                                                                                                                                                                 |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|