



## Main

|                               |                     |
|-------------------------------|---------------------|
| Range of Product              | L100/300            |
| Series name                   | Severe duty foundry |
| Product or Component Type     | Limit switch        |
| Product Specific Application  | Foundry switch      |
| Device short name             | L100<br>L300        |
| 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                     | 7   |
| Function Available                          | -   |
| Switch actuation                            | From right<br>CCW   |
| Type of approach                            | Lateral approach  |
| Electrical connection                       | Screw-clamp terminals AWG 22...AWG 12   |
| Cable entry                                 | 1 entry for 1/2" - 14 NPT ANSI B1.20.1  |
| Number of poles                             | 2   |
| CW operation contacts                       | 2 NO  |
| CCW operation contacts                      | 2 NC  |
| Contacts style                              | A   |
| 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  |
| 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<br>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 NEMA rating designation<br>A600, AC (Ue = 480 V) Ie = 6.25 A NEMA rating designation<br>A600, AC (Ue = 240 V) Ie = 12.5 A NEMA rating designation<br>A600, AC (Ue = 120 V) Ie = 20 A NEMA rating designation<br>P600, DC (Ue = 600 V) Ie = 0.2 A NEMA rating designation<br>P600, DC (Ue = 250 V) Ie = 1 A NEMA rating designation<br>P600, DC (Ue = 120 V) Ie = 5 A NEMA rating designation |
| [the] 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                      |
| [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                                  | 2.03 in (51.56 mm)  |
| Net Weight                             | 1.5 lb(US) (0.68 kg)  |
| Terminals description ISO n°1          | (1-2) left side contact<br>(5-6) right 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                  | 785901111696                |
| 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 |
|----------|-----------|