

# L300WN2M16

L300 foundry limit switch - 2 contacts - spring return - CW+CCW - 1/2" NPT

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



## Main

|                               |                     |
|-------------------------------|---------------------|
| Commercial Status             | Commercialised      |
| 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 aluminum                                                                                                                                                                                                                                                                                            |
| Fixing mode                                  | By the body                                                                                                                                                                                                                                                                                              |
| Type of operator                             | Spring return without operating lever                                                                                                                                                                                                                                                                    |
| Contact sequence number                      | 16                                                                                                                                                                                                                                                                                                       |
| Function available                           | Neutral position                                                                                                                                                                                                                                                                                         |
| Switch actuation                             | From left or right<br>CW and CCW                                                                                                                                                                                                                                                                         |
| Type of approach                             | Lateral approach                                                                                                                                                                                                                                                                                         |
| Electrical connection                        | Screw-clamp terminals (AWG: 22...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                                                                                                                                                                                                                                                                                                     |
| CW operation contacts                        | 1 NC + 1 NO                                                                                                                                                                                                                                                                                              |
| CCW operation contacts                       | 1 NC + 1 NO                                                                                                                                                                                                                                                                                              |
| Contacts style                               | B                                                                                                                                                                                                                                                                                                        |
| Switch function                              | DPST-NO-DB                                                                                                                                                                                                                                                                                               |
| Contact form                                 | Form XX                                                                                                                                                                                                                                                                                                  |
| Contacts material                            | Silver on steel backing moveable contact<br>90/10 AgCdO on copper backing stationary contact                                                                                                                                                                                                             |
| Contacts usage                               | -                                                                                                                                                                                                                                                                                                        |
| Contacts operation                           | Slow-break, break before make                                                                                                                                                                                                                                                                            |
| Positive opening                             | Without                                                                                                                                                                                                                                                                                                  |
| Minimum torque for tripping                  | 95 ozf.in                                                                                                                                                                                                                                                                                                |
| Maximum actuation speed                      | 130 ft/min with 30° cam angle, levers only<br>90 ft/min with 45° cam angle, levers only                                                                                                                                                                                                                  |
| Tripping angle                               | 7 °                                                                                                                                                                                                                                                                                                      |
| Maximum displacement angle                   | 70 °                                                                                                                                                                                                                                                                                                     |
| Contact code designation                     | A600 , AC (Ue = 120 V, Ie = 6 A) conforming to NEMA rating designation<br>A600 , AC (Ue = 240 V, Ie = 3 A) conforming to NEMA rating designation<br>A600 , AC (Ue = 480 V, Ie = 1.5 A) conforming to NEMA rating designation<br>A600 , AC (Ue = 600 V, Ie = 1.2 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 CSA C22.2 No 14<br>600 V (degree of pollution: 3) conforming to UL 508<br>600 V (degree of pollution: 3) conforming to IEC 60947-1                                                                                                                          |

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|                                        |                                                                                                                                 |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| [Uimp] rated impulse withstand voltage | 2.64 kV AC for 1 minute conforming to CSA<br>2.2 kV AC for 1 minute conforming to UL<br>2.5 kV AC for 1 minute conforming to CE |
| 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                                  | 2.03 in                                                                                                                         |
| Product weight                         | 1.5 lb(US)                                                                                                                      |
| Terminals description ISO n°1          | (1-2) left side contact<br>(3-4) right side contact                                                                             |

## Environment

|                                            |                                                                                                                                                                                              |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 13 conforming to Nema type 250<br>NEMA 12 conforming to Nema type 250<br>NEMA 4 conforming to Nema type 250<br>NEMA 2 conforming to Nema type 250<br>NEMA 1 conforming to Nema type 250 |
| IP degree of protection                    | IP67 conforming to IEC 60529                                                                                                                                                                 |
| Class of protection against electric shock | 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     | T                                                         |
| GTIN                  | 00785901750499                                            |
| Nbr. of units in pkg. | 1                                                         |
| Package weight(Lbs)   | 1.50                                                      |
| Product availability  | Non-Stock - Not normally stocked in distribution facility |
| Returnability         | N                                                         |
| Country of origin     | MX                                                        |

## Contractual warranty

|        |           |
|--------|-----------|
| Period | 18 months |
|--------|-----------|

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