

Product data sheet

Specifications



Limit switch, L140, cable 600 VAC 10 A t I

L1422M

Main

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|-------------------------------|-------------------|
| Range of product | L140 |
| Series name | Severe duty mill |
| Product or component type | Limit switch |
| Product specific application | Cable pull switch |
| Device short name | L140 |
| 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 |
| Function available | - |
| Switch actuation | From left CW |
| Type of approach | Vertical 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 | 1 |
| Contacts type and composition | NC |
| Contacts style | A |
| Switch function | SPST-NC-DB |
| Contact form | Form Y |
| 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 |

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|---|---|
| Minimum torque for tripping | 208 ozf.in |
| Minimum torque for resetting | 112 ozf.in |
| Tripping angle | 17 ° for cable operated stop switch |
| Maximum displacement angle | 80 ° |
| Repeat accuracy | +/- 0.03 % |
| 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 (pollution degree 3) conforming to IEC 60947-1 600 V (pollution degree 3) conforming to UL 508 600 V (pollution degree 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 non-time delay |
| Width | 57.15 mm |
| Height | 125.73 mm |
| Depth | 86.61 mm |
| Net weight | 0.68 kg |

Environment

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| 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 1 conforming to Nema type 250 NEMA 2 conforming to Nema type 250 NEMA 4 conforming to Nema type 250 NEMA 12 conforming to Nema type 250 NEMA 13 conforming to 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 | -29...49 °C |
| Ambient air temperature for storage | -29...49 °C |
| Protective treatment | Corrosion resistant gray paint |

Packing Units

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|-------------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 5.842 cm |
| Package 1 Width | 7.112 cm |
| Package 1 Length | 12.954 cm |
| Package 1 Weight | 680.389 g |

Offer Sustainability

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|-------------------------|-----------------------------------|
| REACH Regulation | REACH Declaration |
|-------------------------|-----------------------------------|

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|----------------------------------|---|
| EU RoHS Directive | Not applicable, out of EU RoHS legal scope |
| Environmental Disclosure | Product Environmental Profile |
| 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 www.P65Warnings.ca.gov |

Contractual warranty

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|-----------------|-----------|
| Warranty | 18 months |
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Recommended replacement(s)